A Bibliography of Publications in *The International Journal of Quantum Chemistry*: 1980–1989

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08 November 2023
Version 2.19

Title word cross-reference

$(e, 2e)$ [AM83b, TMC84]. $(n-)$ [MOT$^+$83]. $(N-1)$ [Mor89]. $+$ [AM82, BNK86, Bow86, ES81, GT86, GT87a, GM86a, KU80, KS89b, KM89b, LB83, RBL84, SBE87, SS84b, SS87, YKZ$^+$89]. $1/Z$ [PS84]. **$104.75** [Pic83b]. 12 [KU80]. 14 [SST84]. **$15.00** [Mår80]. $1s$ [NMK84, Ten88b]. $1s2p_J^2p_j'J$ [ST84]. $1s2s$ [DS80a]. $1s2s2p_jJ$ [ST84]. $1s2s^2$ [ST84]. $1s2s^3$ [DS81c]. 2 [BW85, MOT$^+$83, MK83, ddF86]. **$26.25** [Wol81]. **$28.50** [Pic83a]. $2'$ [LMG85, SP82a]. 2: 1 [GP83a]. 3 [BW85, ddF86]. $3'$ [KG80]. $3d$ [WS80b]. **$49.00** [Sie83a]. $4L$ [FEKC84]. $4L+2$ [FEKC84]. 4×4 [Lin81a]. **$59.00** [Gos80]. $5d$ [CPGP83]. **$85.00** [LM81]. **$88.00** [Mår82]. **$9.95** [Lun82]. $< p_u|\partial/\partial v|s >$ [JL85]. $< r_{12}^{-1} >$ [BB81a]. $< r_1^{-1} >$ [BB81a]. $=$ [Dat82, KU80, PXLC86, PFLB83, WBK86]. $^+$ [CEB86, CLM80, CD89a, CC82b, Con87, DF89, DLVÖ84, EY82, ESKG83, GLLOB88, GP82, JŻ85, Kog84, Kun86, LPS83b, NMK84, PC83b, Sch80a,

Sch81, Sch83a, ZJŻ88, vDTBN80]. $^{+}_{3}$ [NPL89a]. $^{-}$ [AM83a, BN84, CS83c, HL80, LS86, SOS84a, SOS84b, SJ85, SHP^{+}80, vDTBN80, NS82b]. $^{-1}$ [Del87]. ^{0} [GLLOB88, Ing80, LC82a]. ^{1} [DS80a, LR89, MASF88, NS82b, SG81a, Vog86]. $^{1+}$ [TL82]. ^{1,3} [Mül81, DMB86]. ^{13} [FGM87]. ^{14} [JMS^{+}85]. ^{17} [LCCW87]. ^{19} [KGEP89, KG89, RDG^{+}86]. $^{1}\Sigma^{+}$ [DG85]. ^{2} [AM84, Kun86, Sim81, Var87]. $^{2+}$ [GM86a, GP83a, KD80b, LG84, TL82]. $^{2+}_{2}$ [VBS85]. $^{2}\Delta$ [KG86a, KG86b]. ^{2}p [Yar87]. $^{2}\Pi$ [LLS83]. $^{2}S_{1/2}$ [ST84]. $^{2}\Sigma^{+}$ [KG86a, KG86b, LLS83]. ^{3} [Bri87, GT86, KS89b, LCLC88, Lee83]. $^{3+}$ [CPS81]. ^{31} [Gup80, MG80]. ^{35} [KG89]. $^{3}\Sigma$ [NP80]. ^{4} [Bha80, Bri87, LC82a, PKP^{+}81, SS80b]. ^{5} [VARPU84]. ^{6} [PKP^{+}81, Tew87, Tew88a, Tew88b]. ^{N} [KG85, KG86c, SMJ83]. $^{N-1}$ [Win83]. ^{Phe} [LCP81]. $'$ [Gre82]. $''_{2}$ [Mül81]. $_{1}$ [ES81, FCPL84, KD80b, MASF88, PDMC80]. $_{1-x}$ [CE86, CE87, CE88, GOLC87, LOGC86]. $_{10}$ [KKTE80]. $_{1u}$ [LR89]. $_{2}$ [AYBP83, AJY80, AM82, ADT^{+}89, BBH87, BLR81, BMMS81, BF83a, BDK86, Bow86, CBV85, CMDBVMA89, CEB86, CKM81, CV82a, CHKB83, CL83b, CF81b, CH82, CP85b, Dat82, DPC82, DS81b, Del87, DF89, DLVÖ84, DYD89, Don82, DWQ86, ESKG83, ES81, Enz80, EHK83, ESCC85, FD89b, GVVDB89, GT86, GG82a, GDBRV87, GJMLRGSA85, GLLOB86a, GLLOB86b, GLLOB88, GA82, Gub82, HDFL84, HL80, Ish86, Ish88b, INO88, JTST87, JŻ85, JRK84, JR85, KH85, Kat80, KHCH85, KU80, KBT80, KTS86, KM89b, LPS83b, LJC83, LHC80, LB83, LFL^{+}81, LL89, LC88b, LGL^{+}84, MS87, MTWO83, MSI80, MK80, NT80, Nov83a, NP80, PZ84, PMOW89, PR83, PDC80, PDMC82, PDKC84, PSBB83, RS86, Rér89, RBL84, RS88, RKHK88, RKO^{+}89, SD80, SOS84a, SOS84b, SJ85, SJ88, SBE87, Sch80a]. $_{2}$ [Sch81, Sch83a, SAS86, SBB87, SNNG86, Sie83b, Sok81, SSC83, SRL^{+}83, SR87, SS87, STG86, SS88, TNY86, TST89, TL80, VP84, VŻH82, Wea83, WHT86, Wój86a, Wój86b, YOJ81, YKZ^{+}89, ZW83, ZJŻ88]. $_{2-x}$ [MS88]. $^{+}_{2}$ [CEB86, CS80b, SBE87]. $^{-}_{2}$ [AM83a]. $_{2n}$ [GBO86a]. $_{2n+2}$ [GBO86a]. $_{2V}$ [PSBB83]. $_{3}$ [BLR81, BMMS81, BR80, BFOP83, CBV85, CPS89, CD87a, CV82a, CHKB83, CF81b, DK87, DS81b, DSB84, Del87, ES81, FD89b, Ish86, Ish88b, KHCH85, KBT80, KKTE80, KTS86, LJC83, LS86, LWZ88, LGL^{+}84, Mül81, PXLC86, RKHK88, RKO^{+}89, SJ88, Sch83a, SRL^{+}83, SS87, SR80, SS88, TMO86, Wój86a, Wój86b]. $^{+}_{3}$ [LWZ88]. $_{4}$ [BLR81, BR80, FN84, FD89b, GA82, KBT80, KKTE80, KTS86, LH85, LLAG89, LGL^{+}84, MS88, NC84, PDC81b, SM85, TST89, VŻH82, WHT86]. $^{2-}_{4}$ [LOR84]. $_{5}$ [BLR81, BR80, BDK86, KBT80, LH85, MMB84, Sch80a, SJRP88, SHP^{+}80, TWL82]. $_{6}$ [BR82, Dat82, GP86b, GVB80, HDTR83, KFD85, KKTE80, MOT^{+}83, PZ84, PG89, SHP^{+}80, TWL82]. $^{n-}_{6}$ [MTO^{+}81, MK83]. $_{7}$ [BFOP83, MMB84, Sch81]. $_{8}$ [CH82]. $_{a}$ [Cal84, PO85, XYSJ81]. $_{\alpha}$ [CPGP83, GLP83, GBO86b, IST89, OM81, PXLC86, RSGK88, RLS87]. $_{b}$ [Cal84]. $_{c}$ [LSW89, Sch88, SS88]. $_{e}$ [DYD89]. $_{eff}$ [FN83]. $_{f}$ [YKZ^{+}89]. $_{II}$ [MMB84]. $_{K}$ [Nas83]. $_{m}$ [Che80]. $_{N}$ [Ser84, CBV85, Che80, Del87, INFU84,

PFLB83, SOS84a, SOS84b, SJ85, Sin89, TL80, Wor81]. $_{n-1}$ [SMD83, Del87]. $^{2+}_{n}$ [GLLOB86a]. $_{\pi}$ [HDFL84]. $_{rs}$ [BAG83a]. $_{\sigma}$ [HDFL84]. $_{x}$ [CE86, CE87, CE88, GOLC87, KKA80b, LOGC86, MS88]. $A + BC \rightarrow AC + B$ [Var85]. α [Blo83b, BF81, BS80c, CY80, DG86, DC86, EHK83, GN87, HKK$^+$82, Jon84, JBW87, JR85, KT80a, LHC80, LHK81, Mof81, Mof82, MP84a, Nag87, SA80, SRP81, SC89, SPSG85, SNSM82, TMO86, TH81b, Vol88, vDTBN80]. α_R [MMB84]. B [Lee83]. β [Cio88b, DS80b, DM83a, EHK83, HKK$^+$82, LCP$^+$88, MSC$^+$83b, PKH$^+$81, SHH$^+$83a, Tho80, VU85]. $\beta(1 \rightarrow 3)$ [YL83]. $\beta(1 \rightarrow 4)$ [Yad83]. β^- [IHI80]. c [AWCL89]. $\mathcal{L}^2$ [YKZ$^+$89]. $\cdot$ [CLP83, Del87, LG84, LP80, SHP$^+$80, TTRL88, VŻH82, Wój86a]. d [BSZ81, FFF88, JN88, LÖ85b, Mod81, Mor83, RFST85, SIJ85, Yan85]. δ [HKK$^+$82]. Δ^2 [Tew88a]. $\delta E/\delta R$ [Eps87]. ΔE_{SCF} [PZ84]. E [JBW87]. $E \otimes \epsilon$ [Sin81]. η^5 [XHR86]. $\exp(-r)$ [Ten88a]. f [FF80, LÖ85b]. g [LHC80]. $G(1,2)$ [SL86]. γ [GM86c]. K [MTLL82, Ish83, Kut80]. $k \cdot p$ [DDP81a, DDP81b]. m [AW82]. μ [NDBE82]. μ^+ [KB80]. N [BFC80, ERB82, GM86b, Gru85, HDO88, Kry82c, Mor89, ST89, WB89, BB82a, BKJ88, GOLC87, Gre81b, MMN87, OG86, Sch83b, SV82, TV83a, TV83b, TV84, TV89, Van85, VT85, Van86]. $n = 0, 2, 3, 4$ [SOS84a]. $n = 1, 2$ [SOS84b, SJ85]. $n = 1--4$ [TL80]. $n = 3--7$ [GBO86a]. $n = 4, 3$ [MOT$^+$83, MK83]. $n^{ième}$ [SV82]. $nl4f$ [JMS88]. ns^2 [SB83a]. Ω [WS82]. $O \supset T \supset D_2$ [Her84]. p [FC80a, FC81a, LÖ85b]. π [BB82a, CGT86b, Cio88b, DMB86, FMF80, GTB80, Gre87, Has82a, Has82b, Has82c, KSSH85, PMT84, TN80, WK83, YZ85, Živ86, Živ87c]. R [EKBE86, Lin89]. r_{12}^{-1} [LKB89]. ρ_2 [CL85]. $\rightarrow$ [AM82, ES81, GT86, GT87a, HDFL84, KS89b, LB83, NS82b, SBE87, SS87, YKZ$^+$89]. $\rightleftharpoons$ [TOK80]. S [Ave84c, CJZ$^+$86, LÖ85b, RSST86, STS83]. $S_{N1+N2} \supset S_{N1} \otimes s_{n2}$ [Wen86]. σ [Bha82c, Kle83, PMT84]. SO(3) [ACCYCC80]. SU(2) [ZS85]. su(n) [TV83a, TV83b, TV84, TV89, Van85, VT85, Van86]. T [WS82, Lin81b]. $T_d \supset T \supset D_2$ [Her84]. U(n) [Bor82]. $U(n = n_1 + n_2)$:$U(n_1) \times u(n_2)$ [GP86a]. $U(n_1 + n_2) \supset u(n_1) \otimes u(n_2)$ [Wen86]. V [ACCYCC80]. $\varphi = A \exp(-\alpha r^\nu)$ [Tay81]. φ_4 [ECM89]. xy [LB86]. Z [BVGV89, Kin89, Mez83d].

***** [BB82a].

-5 [Gre82]. **-adrenergic** [PKH$^+$81]. **-adrenoceptor** [DS80b]. **-aminobutyric** [GM86c]. **-ary** [OG86]. **-band** [Mor83]. **-bonded** [Kle83]. **-carbolines** [MSC$^+$83b]. **-catalyzed** [SRC84]. **-chymotrypsin** [SNSM82]. **-classes** [FEKC84]. **-coupled** [ERB82]. **-coupling** [ACCYCC80]. **-cyano** [Mof82]. **-cyanocarbonium** [Mof81]. **-cyclodextrin** [MP84a]. **-cyclopentadienyl** [XHR86]. **-D** [ddF86]. **-Decay** [IHI80]. **-deoxy-** [LMG85]. **-deoxyfuranose** [LMG85]. **-deoxyuridines** [SP82a]. **-dimensional** [AW82, GM86b]. **-donor** [Bha82c]. **-doped** [BKJ88]. **-electron** [Cio88b, Sch83b, Živ86, Živ87c]. **-end** [KG80]. **-endorphins**

[LCP+88]. **-fluorofuranose** [LMG85]. **-function** [Jon84]. **-guanosine** [Gre82]. **-guanylhistamine** [MTWO83]. **-H** [GLLOB88]. **-helix** [Vol88, vDTBN80]. **-HMX** [HKK+82]. **-hydroxycytosine** [PKP+81]. **-isocyano** [Mof82]. **-isocyanocarbonium** [Mof81]. **-isopentenyl** [Tew88a]. **-Lactam** [DM83a, SHH+83a]. **-Local** [Gre81b]. **-matrix** [Lin81b, Ave84c]. **-methylguanine** [PKP+81]. **-network** [KSSH85]. **-O** [EHK83]. **-OH** [LHK81]. **-Orbital** [GTB80]. **-orbitals** [RSST86, STS83]. **-particle** [Kut80, BFC80, HDO88, Mor89]. **-Point** [MMN87]. **-propiolactone** [Tho80]. **-quartz** [SC89]. **-receptor** [MTWO83]. **-receptors** [PMOW89]. **-representability** [Gru85, Kry82c]. **-spiral** [VU85]. **-split** [WK83]. **-strictly** [Ing80]. **-SW** [RLS87]. **-symmetry-invariant** [SM85]. **-systems** [Gre87]. **-th** [SV82]. **-time-dependent** [AM84]. **-tocopherol** [SPSG85]. **-triazenes** [SJH89]. **-Type** [GOLC87]. **-U** [Wor81]. **-weighted** [Kin89]. **-well** [WB89].

/2 [GjC86]. **/2H** [MH82]. **/3** [DA80, MH82]. **/3H** [MH82]. **/Boyd** [LWK84]. **/INDO** [RB88a, FF80]. **/LUMO** [EIMS88]. **/MERGE** [HKKM83, HKLM85, LHK81]. **/Na** [RSGK88]. **/Propagator** [Bak85]. **/S** [Deá83]. **/VRDDO** [LHK81, HKKM83, HKLM85, SHP+80].

1 [Boč87, Boč88b, GSRG80, KRST83, PM86, SJH89]. **1-** [Gre82]. **1-dimethyl-3-** [SJH89]. **1-hydrogen** [BBLR84]. **1-nitropropene** [DT83]. **1-Reduced** [Tho86a]. **1/Z** [PM86]. **10-electon** [KTS86]. **102** [BV86]. **12-dimethylbenz** [Sey80]. **13-** [LL82a]. **13-carbon** [KL80]. **14-** [LL82a]. **14-electron** [LM86]. **164** [SBE+83]. **175-ASP** [LCA89]. **1977** [ADL78, Kel78]. **1978** [Cal81a, Cal81c, NB79]. **1979** [Ågr80, Cal81b, Cal82b, Dun80, Pul79, Sie81]. **1980** [Cal82a, PTG80]. **1981** [Ågr82, WJ82]. **1983** [Ler85]. **1984** [Ågr85, Cal86d, Tap86]. **1985** [Ågr87a, Ågr87c, Bra86b, Brä86a, Cal86c, Cal88, Muj86, Ågr88]. **1986** [Ågr87b, Ågr88, Fro88a, Fro88b, Han86, Kum87, Mic87, Nat86, Rat87, Tap88]. **1987** [Fax87, Mou89, Nat88, Rat88]. **1988** [Gee89, LGJLCB89, Lun89b]. **1s** [Kog84, Har87].

2 [CV82a, DS81b, DBS82, KN80, LM81, Lás82, Lip83, Mar81a, MBKH83, MH82]. **2-** [LOB85, POS81, SMD83]. **2-AHP** [BB85]. **2-aminomethyl-3-carboxymethyl** [SRS81]. **2-anilino-6-naphthalenesulfonate** [WS80a]. **2-benzosemiquinone** [SL80]. **2-dioxethane** [Hil81a, Hil81b, Hil81c]. **2-electron** [SvG89]. **2-fermion** [Cas88]. **2-HP** [BB85]. **2-methylthio-N** [Tew88a]. **2-naphthyl** [ST89]. **2-naphthylnitrenium** [Gre82]. **2-orbital** [HM89b]. **2-oxetanone** [Tho80]. **2-oxopyridine** [DKLP81]. **20-oxopregnane** [VT82]. **20th** [Urr82]. **20th-century** [Urr82]. **21G** [RR87b]. **22-** [LL82a]. **235-TRP** [LCA89]. **25** [Pic83a]. **2H** [MH82]. **2P** [Har87].

3 [SP81, Fro81, RR87b, Tak86]. **3-** [BVDA88]. **3-21G** [RR87b]. **3-540-09738-4** [Fro83a]. **3-540-10005-9** [Fro81]. **3'-amino-3'-deoxyadenosine** [SP81]. **3-deazapurine** [SC84a]. **3'-deoxyadenosine** [SP81]. **3-dimensional** [YKZ+89]. **3-methyl-fentanyl** [CL83a]. **3-methylcholanthrene** [HKP81, HPK81]. **3-sigmatropic** [RBR80]. **3-tetrathiofulvalenes** [POS81]. **30** [SST83]. **3000eV** [SST83]. **300K** [CP83b]. **32** [NSP80]. **3D** [Har87]. **3G** [WK83, Zie82]. **3H** [MH82]. **3s** [Mül81].

4 [KRST83]. **4-Benzodiazepin-2-ones** [KRST83]. **4-cyclohexadiene** [SAM82]. **4-diamino** [PBM85]. **4-electron** [HM89b]. **4-hydroxy-2-pyridinone** [Sch82]. **4-hydroxytautomeric** [Zie82]. **4-hydroxyuracil** [SZR80]. **4-oxopyrimidine** [LOB85]. **4-tetrahydroacridine** [PBKB89]. **450** [CLL86, LL85]. **4F** [Har87]. **4H** [FA86]. **4H-pyran-4-one** [FA86].

5 [RWOT81]. **5-dinitrobenzoyl** [ST89]. **5-ethynyl-** [SP82a]. **5-fluorouracil** [Zie82]. **5-HT** [RWOT81]. **5-HT/LSD** [RWOT81]. **5-hydroxytryptamine** [MWO+84]. **5-Isoxazolol** [BVDA88]. **5-methoxyuracil** [Zie82]. **5-methylchrysene** [Sey80]. **5-substituted** [BCD+80, GJMLRGSA85, SP86b]. **5-vinyl-** [SP82a]. **500** [GSRG80]. **500-eV** [GSRG80].

6 [Sme84]. **6-dimethyl-N-nitroso** [LHK81]. **6-methano-** [BBGS84]. **64asp** [NSP80]. **692** [Cal86b]. **6R** [Dat82]. **6th** [Löw89].

70 [BH89a].

80 [Pic83b].

9 [Fro81]. **9-amino-1** [PBKB89]. **9-methylguanine** [PSS86]. **90** [CP83b, LM81, Mar81a, Sme84]. **90-277-1039-2** [LM81]. **90-277-1171-2** [Mar81a]. **90-277-1488-6** [Sme84]. **90-years** [LGJLCB89].

= [GVVDB89].

A&M [Pic83a, WJ82]. **A-G** [SRSR85]. **A.** [Mas87a]. **A/T** [GUSS89]. **A1** [CE87]. **A23187** [GP83a]. **AAF** [HB82]. **Ab-Initio** [RKO+89, Abd80a, CHKB83, GAL86, INO88, Kau83, LS80, LT81, RB81, RKHK88, Tho80, Ågr87c, GM81c, JN88, LHK81, PKC85, SRT81, SRL+83]. **ability** [Bha82c]. **abortifacient** [KD80b]. **abortificient** [Kot81]. **absence** [SCER88]. **Absorption** [BCD+80, HHL80, BSD82, DPZ80, GF88, GC84f, Hir80c, LaF89, Suh86, VPK80]. **Abstract** [Ano85a]. **Abstracts** [Ano80a, Ano81a, Ano82a]. **Academic** [Cal86d, Sie81, Sie83a, Tap86].

Academy [Mår82, Ano84a]. **accelerators** [WGS85]. **acceptable** [Gos85]. **acceptor** [CE87, DBCJ86]. **access** [BVGV89]. **accessibility** [LCP81, LPP81]. **accessible** [FCPL84]. **according** [GBO86b]. **account** [SP82b]. **accumulation** [PZPL86]. **accuracy** [Blo83a, Dea89, Gre81b, GA82, LRT88, Moh80b, Moh80a, MW80, PWL89]. **Accurate** [EB87, KD86, SD86, DL83, Fli84, PABD80, Umr89, AM83a]. **acetal** [TK83]. **Acetaldehyde** [YG86]. **acetamide** [FGC84]. **acetic** [LGL$^+$84, TH88]. **acetone** [LM82a, SB81, SB83b]. **acetone-related** [LM82a]. **acetonitrile** [LP80, MBR80, SA86b]. **acetyl** [Yad83]. **acetylcholine** [RTM81, YHG89]. **acetylene** [Bak85, CPMP86, GG82b, HSR86, LRZ84a, LWZ88, SJ88, SS84b, ZCH89]. **ache** [LHKK82]. **achiral** [CT87]. **acid** [AN86, BMB87, CA86, DDFA87, DC82b, DBC84, FW84, FCPL84, GLP80, GM86c, GSS85b, HM84, HP81, HKG81, LCCB81, LT81, LGL$^+$84, MR85, OLB$^+$82, PMCA88, PSS$^+$87, PS81, SA86b, Shi85, SHK87b, ŠHH83b, SM80, SG86, Tew87, Tew88a, Tew88b, TLC87, VCB83, WHT86, Yad83, Yon85]. **acid-base** [CA86]. **Acidic** [RS82]. **acidity** [HL80]. **acidium** [RT85]. **acids** [AEHM85, BK84b, BVGV89, CGT86b, CC82a, CAML87, DPZ80, DF89, Dos84, FW84, GGM81, JM81, MY81, Mat82, MG89, MLA80, MGBH81, PMCA88, PP80, SJ86, SMHK89, SK81, TH88]. **ACS** [Ano80b]. **Acta** [Zer87]. **action** [Ben81, KD80b, Kot81, MG89, NSP80, Sey81]. **activated** [Sla83b, Yam81]. **activation** [CSB86a, LČ84, MTWO83, PMOW89, SG81b, CPN89]. **Active** [Pan81, vDTBN80, AWCL89, BJR86, CLA83b, DOW87, GM81c, GB81, KTK80, KRST83, KRBM85, KNS$^+$86, KKSM87, KNSM88, KMPTK89, KK82b, KK83, KKD80, LER87, Pin88, RSP$^+$80, RJBR$^+$87, Roo80, TLT$^+$84, YL83]. **Active-site** [vDTBN80]. **activities** [FHH$^+$87, XYSJ81]. **Activity** [RP81b, AABW80, AAW82a, AAW82b, CL83a, CGP87, Cow82, GDR85, GP80, LPW83, LP81b, LPSK83, Mar89, MSC$^+$83b, PP86, PL84a, Ran84, RJBR$^+$87, SRO81, Sar89, Sey81, Sok81, SSC83, Vol88, Vol89b, YGK$^+$89, YKTA80]. **activity-linked** [GP80]. **Adamowicz** [FSP87]. **Adamson** [Lun82]. **adaptation** [Cal85, GCP87, Mat84, MNS85, PP89, RSD82, SPÖ89, Tai89]. **adapted** [CK82, CS80b, FS80, GC87, KC82a, LER87, Pan82a, Pan82b, Pan83, Pan84, PP89, Voj85]. **adapting** [Muk84]. **adaption** [GC82a]. **adaptive** [Koh86]. **adatom** [TW88]. **adatoms** [LK81, MM80]. **Addenda** [Sab80a]. **Addendum** [CT81, Löw81a]. **addition** [JL84, LY83, LPCF80, SS86c, SS86d, Wea84, Wea88, Nov83b, Pan82a]. **Additional** [KHP81, LK87]. **additions** [ZCH89]. **additive** [GCP82, GPC85, GCP86]. **Additivity** [EB81, KS86c, YG86]. **address** [Fax86, Wij83a]. **adduct** [CLL86]. **adenine** [BCD$^+$80, Gre82, MGN82, SJ86, SS84a, Tew87, Tew88a, Tew88b]. **adenine-amino** [SJ86]. **Adiabatic** [DS88, GM86b, SG85a, KL81, SST83, DS88]. **Adions** [LK81]. **adjacency** [Kia80, YS80b, YS80c]. **Adjoint** [GC84d]. **adjusting** [SS86b]. **adjustment**

[ZNS80]. **adrenergic** [PKH+81]. **adrenoceptor** [DS80b]. **adsorbate** [MBD84]. **adsorbate-substrate** [MBD84]. **adsorbates** [GM80]. **adsorbed** [TW88]. **Adsorption** [Sla83a, Sla84, Bou84, GM81a, JA82, LHH+83, MB89, PH87, WD81]. **Adsorption-complex** [Sla83a, Sla84]. **Advanced** [ADL78, Cal82a, Cal86b, Dun80, Kel78, NB79, Cal81c]. **Advances** [Cal89a, RC86, Cal86b, Csi82, Don79, Her83, Fro88a]. **AF** [HB82]. **affecting** [Che82]. **affinities** [BCA87, Ort87, WSD80]. **affinity** [KSK86, LC88b, ÖHD89, YGK+89]. **aflatoxin** [FCPL84]. **aflatoxins** [LP81b]. **Ag** [MB84, PC83b, SD80, SAS86, TW88]. **against** [SHK87a]. **agarose** [CFC83]. **ageing** [Vas82]. **agent** [RT85]. **agents** [DS80b, ECM89, KKSM87, Pul86, SS80f]. **aggregates** [NSN89, Oga80]. **agonism** [BVDA88, DS80b, MTWO83]. **agonist** [CZM83, TLT+84]. **agonists** [YHG89]. **AGP** [Gos82a, Öhr86, ESKG83, JWOÖ82, JWÖ83, KEGS81, KWJ83, Lar86a, LWÖ81, Öhr85, OWÖ81, SGEK81]. **agp-based** [Öhr86, Öhr85]. **agreement** [Ran80d]. **AGS** [KM89b]. **AH** [Del87, Del87, PFLB83]. **Aharonov** [Nag85]. **AHP** [BB85]. **aid** [Var86]. **aided** [FP84, NS89]. **aids** [Mez84e]. **Al** [CE86, CE88, Ågr88, GOLC87, LGL+84]. **Ala** [MMB84]. **alaninate** [ST89]. **alanine** [HGHGF+89, NSL88, YJ85]. **alanylcarbonyl** [Tew88b]. **Albert** [Fox87, Lad87]. **albumin** [Gas80]. **albumin-methylglyoxal** [Gas80]. **alcohol** [CD89b, CF81b, LBV86]. **aldehyde** [Abd80a]. **Alder** [Bur86]. **algebra** [ACCCBF80, DH84, GCP87, LP89, Löw81a, Löw82b, PS88, Pan85, SPRS89, SLT81, SLT84a, TSL80, TV83a, TV83b, TV84, TV89, Van85, VT85, Van86, KG85, KG86c, KG86d]. **Algebraic** [Cio87a, DK81a, DK81b, IL83, Lin81a, MBT81, MPB84, AČP82a, BS82b, Dem86, DYD89, HL88, Mez84a, RB89, Wei88]. **algèbre** [TV89]. **algègbre** [TV83a, TV83b, TV84, Van85, VT85, Van86]. **Alger** [Cal81a]. **algorithm** [BD88, BEO80, CNT89, Duc86, GHGP89, Kar84b, Lin89, NKV+89, Pau81, TS80]. **algorithms** [CY80, HV83, LRT88]. **AlH** [BLR81]. **aliphatic** [BNS+87, CBV85, DBC84]. **alkali** [BKJ88, GEdP81, GP85, PD84a, PGM80, RSSS81, SS86a, TLDK89, SSF+84]. **alkaline** [GEdP81, LBP84, SS81a]. **alkaline-earth** [GEdP81]. **alkane** [ADF+88]. **alkanes** [Ran83]. **alkyl** [HMF82, Mof81]. **alkyl-substituted** [HMF82]. **alkylated** [FPDA89]. **alkylating** [TR86]. **Alkylation** [DD89]. **all-electron** [SG89, WKJ88]. **all-trans-polyenes** [GBO86a]. **all-valence** [Lip88]. **allene** [DBD+85]. **allomorphic** [CLP82]. **allowance** [ZV85]. **allowing** [SV82]. **alloying** [SR84a]. **alloys** [FK83, Zun85]. **allyl** [PCA89]. **along** [Hil81a]. **alpha** [MTWO83, SSYR87, VB85]. **also** [Dun88]. **alteration** [NBE87]. **alternance** [ZRY83]. **Alternant** [Živ87a, ČPV81, Fer88, Has82b, JT85, Živ87b, Živ87d, ddF86, PP83]. **alternating** [Poh84]. **alternation** [GK80a, PC83a, PCG83, PT84, PP83, SI89b, TP84, TP85]. **Alternative** [GB85b, Tim86, DH85, FDAC89, MT87]. **Altmann** [Rös87]. **aluminum**

[Boe88, IST89]. **Amaldi** [DCF82b]. **American** [Bry80]. **Ames** [LSH88]. **amide** [OLB+82]. **amides** [DA80, KNS+86]. **amidogen** [AYBP83]. **amine** [Abd80a, BPCT83, Gas81, KS87b]. **amines** [PBKB89, RT84]. **amino** [Dos84, FW84, GGM81, JM81, Mat82, PMCA88, PBKB89, SJ86, SP81, Shi85, SMHK89, SK81, SG86, VCB83, Yon85]. **aminoacyladenylate** [BCV81]. **aminobutyric** [GM86c]. **aminomethyl** [SRS81]. **aminopyrone** [MBKH83]. **aminotetralins** [KŠHH83]. **aminothiol** [VV87]. **ammonia** [BFOP83, EV87, NL89, OLB+82, PMCA88, SS82, SSR+87, OLB+82]. **ammonia-formic** [PMCA88, OLB+82]. **ammonia-glycine** [OLB+82]. **ammoniac** [OF80]. **ammonium** [GP85, OF80]. **AMO** [ABD+80b]. **among** [Lar86a, YGK+89]. **amorphous** [CJ89, MTI80]. **amount** [LCD82]. **amplitude** [Suc81, YKZ+89]. **amplitudes** [GM86a, HT82]. **Amsterdam** [Ågr80, Cal86a, Tap88]. **Amsterdem** [Ågr87c]. **amu** [CPS81]. **analgesia** [CL83a]. **analgesic** [CL83a, KKSM87]. **analgesic-antipyretic** [KKSM87]. **analog** [SRS81, VARPU84]. **analogs** [BCD+80, CL83a, FZZ87, GT86, HGHGF+89, MWO+84, PKP+81, SRO81, SC84a]. **analogue** [EKBE86]. **analogues** [AIJW82, CPZS86, FA86, RR87a, RR88, SWA82]. **analogy** [SIN80a]. **Analyses** [Toy80]. **Analysis** [DF83a, FGM87, FM86, Gre87, Hib81, Hur82, Ojh89, dB84, ADF+88, AWCL89, BLR81, Big86, BH82, BR81b, BPCT83, BDD81, CG80, DPS87, FN84, FZZ87, FC80b, FC81b, FC81c, FC81d, FC82e, JI88, Kar84b, KB80, Kry82c, Low82d, LP87, MH80b, MH89, Mal91, Mal02, May84, May85, Mez83a, MSF86, NPL89b, NC84, PB82, RW80a, RM84, RDG+86, SGEK81, SL81, SKEDR81, SS80e, Shi84, SST84, Sjö87, SH87a, SWA82, SM80, Sto80, SZJS82, SSZJ82, SNSM82, Tva89, TWW81, VARPU84, WS80a, Wol81, ALH86, Has82a, Sch81, Tay86a, Tay86b]. **Analytic** [GRS+82, KK82a, SSR+87, Tab82, WW89, BFJ81, GSRG80, JBW87, Ori85b, SM85, WJ80, Wea88]. **Analytical** [ALB84, GLLOB88, JEW88, Kar84a, LB86, Sel86a, Sel86b, AMFC83, CTV80, CT81, FB83, Gus87, HA84]. **analyzer** [SL81]. **andalusite** [HHL80]. **Anderson** [MMN87, MA80a, MBD84]. **André** [Cal81c]. **Andrew** [Ano87s, Buc89]. **Anesthetic** [DBCJ86]. **anesthetics** [RS82]. **angle** [CL83b, POT80, SKIK82, TNT+86]. **angles** [ZLH87]. **Angular** [AW82, MNS85, Ols86, UB85, AØ80a, AL86, Mic81b, YKZ+89, ZLH87]. **Angular-Momentum** [Ols86]. **anharmonic** [Bha80, CV85, ČV86, Gra82, GC82a, Sil82]. **anharmonicity** [VM81]. **anhydrase** [CLA83b, GP80, KR81, KBSG81, LL89]. **anhydrase-B** [KR81]. **anhydrase-catalyzed** [LL89]. **aniline** [SG81a]. **aniline-binding** [SG81a]. **anilino** [WS80a]. **anilinonaphthalenesulfonate** [WS80a]. **anion** [AEM86, PBA88, SS86a, SL80]. **anionic** [GMP+84a, RJ88, ŠKH81]. **anions** [HL80, Sim82b]. **Anisotropic** [TTS84, VI84]. **anisotropics** [PGM80]. **anisotropies** [ST86a]. **Ann** [Mår82]. **annealing** [DBF89, MSWC88]. **annihilation** [Ori82a, Pan82b]. **anniversary** [LGJLCB89]. **Announcement** [Ano81b, Ano82b, Ano82c, Ano83a, Ano84a, Ano85b, Ano86a, Ano86b, Ano88a, Ano88b, Ano88c, Ano88d, Ano88e, Ano88f, Ano88g, Ano89a,

Ano89b, Ano89c, Ano89d, Ano89e, Ano89f, Ano89g, Ano89h, Ano89i, Ano89j, Ano89k, Cha85, Jor86, Lan86, LB82, Löw86a, Ano88z, Ano88y]. **Announcements** [Ano81c, Ano82d]. **annulene** [BBGS84]. **Anomalous** [GSG84, Kar80, PFC88, BMMS81]. **Anomeric** [KVR85]. **antagonism** [BVDA88]. **antagonist** [CZM83]. **antagonists** [WWD88]. **Anthony** [Pic83a]. **anthracene** [MTI80, PZSL83, Sey80]. **anthracenes** [Hir80a]. **anthraquinone** [PBM85]. **anti** [KKSM87, HB82]. **anti-inflammatory** [KKSM87]. **antibacterial** [DM83a]. **antibiotic** [KMRK86]. **antibiotics** [CS81, SC80a, Sar81, SP81, SP82a, SP86b, Sar89]. **antibodies** [SBH+85, SBH+86]. **antibody** [BR81b, CPZS86]. **antibond** [TWW81]. **anticancer** [BC80, BV86]. **anticholinesterases** [HLKK82, LHKK82]. **anticonvulsant** [AD80]. **antiepileptic** [JW86]. **antiferromagnet** [KBT80]. **antiferromagnetically** [MK80]. **antigen** [BR81b, YL83]. **antigen/antibody** [BR81b]. **antiinflammatory** [MG89]. **antiparticle** [Jar89]. **antipyretic** [KKSM87]. **Antisymmetric** [Røe81a, Gru85, KE82]. **Antisymmetrized** [Gos82a, DP81, EÖWZ84, LER87, SPÖ89, WK85]. **antitumor** [AAW82b, CGP87, KMRK86, Pul86, TH88]. **antitumour** [AAW82a]. **any** [Kob82, RB88c]. **aperiodicity** [IA87, Lad83]. **apparatus** [Tac89]. **Applicability** [JP80, WJP83, WJP85]. **Application** [ACCCBF80, ACDLH84, BS80a, CSK87, ESKG83, FD86, JR85, KCK83, Khe81, KTK80, KRST83, KRBM85, LM82a, LAGS89, LLC83, OS89b, SL81, SI89b, Tac89, TR82, Zhe83, ADF+88, BVAB81, Cal86b, CS80a, De 80, Don79, DSG80, FEKC84, JD85, JSSS80, JT85, Kim81, KWJ83, Loh87, MSWC88, Ott86, Sil86, SRSR85, Tai89, WOT89, AN85, ANH81, AM88b, BR81a, BPCT83, CPS81, CD83, Chu86, ČV86, DDP81b, DM85, DG85, DG83, Dov84, GM86a, GA82, HH89, Jun80, MK81, MRJ85b, Pan85, Rér89, RSGK88, STH80, Shi87, SB81, SB83b, SSR86, SSRR87, VT85, YOJ81]. **Applications** [Fro81, ACGT89, Bal82d, Bor82, Bor85, ČU80, Cio87b, DMB+84, DMB89, DL82, DBES80, Dur86, Fle86, Fuk81b, HG86, HR83, JJZ+88b, Kha85, LFL+81, PBKB89, Rat87, SS89b, WGS85, Bal88, BMRJ86, Fau85, GCP82, HL83, Kin86, KWBC80, TR80, Zer87, Mår82]. **applied** [ERB82, Kal85, LGS87, NT80, Ols86, Rab84, RVK80, Sie83b]. **Applying** [Ort87]. **Appraisal** [SMS84, RFST85, STS83]. **Approach** [GT83, KB87b, AEM86, AØ80a, AØ80b, AØM81, AØC82, AA89, BIN86, BT84, BM89, BS82b, BL81c, Csa86a, Csa86b, Dem86, DÖL87, DYD89, DBF89, Dov84, DK82b, EB82a, EB82b, EB82c, EN87, GCP87, GVVDB89, GV88, Gla85, GjC86, GC84b, GC84c, GC84d, GC84e, GC85b, GP86a, Gou86, GM81b, Gro85, GDR85, GLP83, HA84, HYZ89, IL83, IRP81, IA87, KS82, KS84, KS86a, KN84, KN86, KL81, KPS87b, KPS88, KB87a, Kva83, LL86, Lar86b, Leu83, LZ89, LP89, Lin81b, Lin85, LSBS81, LY83, Loh87, Mar88c, Mat87b, Mez83a, Mic83a, MT87, MPB84, PT84, Pay82, PSG83, PNA86, PNA88, RB88a, Ran84, RZ86, RB89, SBNK89, See84, Ser84, Sim86, SS89b, SHPK80, SM87a, TP84, TP85, TT81, VTT81, VVD80a, VV87, VM81, Was89, WJ80]. **approach** [Wei82, WG82, Yam80b, YY83, Yon85, Zhe83, Živ86, Živ87c].

Approaches
[FMF80, AM89, KSSH85, PTC84, SCER88, WB89, WP80, ZA89].
approximants [Bha82b, CB88, Cio88a, ČVV87]. **Approximate**
[Flu85, GKAP81, KM89a, Löw85a, SMMM87, SK80, Sen80a, AGB82,
AMFC83, BH82, CTV80, CT81, DCF82a, Don81, FC82c, Fli84, Gee88,
Gre81b, GA82, HO85b, Mar88c, Noa80a, Noa80b]. **approximating**
[Has82c, BK84a]. **Approximation** [Chu88, BNK86, Böh83, BFC80, BLV88,
CMDBVMA89, Cof83, DS87, DLVÖ84, DÖ89, EC83, Eng83b, Gee88, Kir89,
Lar83, Lef83, MÖ80, Nag85, Nas83, NPL89b, OK80, PPB87, PGG80, PMT84,
Sha85, ŠKR84, WG80, WK85, Zho88, KD80a]. **approximations**
[Bec85, GD89, HS89, Löw82c, MPP83, Noa80a, Noa80b, PLL86, Pul83,
WG82, Wei85, ZA89]. **April** [Pul79, PTG80]. **APSG** [DP81]. **APW**
[DDP81a, DDP81b]. **aqueous**
[BCD89, CD89a, CAML87, GjC86, JRK84, MB86, New80, PV89]. **aquo**
[Bha82c]. **arbitrarily** [BL81a]. **arbitrary** [Csa83, DAPS81, DS88, FW80a,
FW80b, Hel82, Ish83, KS86a, LW81, Wea82, ZLH87]. **Archimedean**
[KGB87]. **architect** [Urr82]. **architecture** [DF83b]. **areas** [Hay82]. **arene**
[LPCF80]. **argon** [KWBC80]. **ArH** [CLM80]. **arising**
[Ish83, Ish84a, Ish85, MTLL82]. **ArN** [GDBRV87]. **ArO** [GDBRV87].
aromatic [GK80a, JI88, NTM80, SS84b, SVS81, Sey83b, Sey83c, SL87].
aromaticity [Gre87, RHST88]. **arrangement** [GB81, KKA80b]. **array**
[UV83]. **arsenide** [PPB87, RZWL80]. **art** [Bar85, Löw86c, Ågr87a]. **Arthur**
[Lun82]. **artifact** [SHPK80]. **artificial** [Lip83, VB85]. **ary** [OG86]. **aryl**
[Che82]. **Aryloxy** [Sey80]. **As/GaAs/Ga** [CE87, CE88]. **Ascorbate**
[MPP+81]. **ascorbic** [LT81]. **ASI** [Fro88a]. **ASIF** [FCPL84]. **ASP** [LCA89].
aspartate [NS83]. **Aspects**
[Muk86, ABD81, Blo83a, BT82, BCD89, CGG81, ČV82b, DSG86, DFH84,
DC87, FG82, JMD88, KB87a, Löw84, NB79, PGL+86, Pau81, PBBK89,
PZSL83, SR81, SA86a, SMJ83, UB85, Umr89, Voj85]. **assemblies** [Sch80b].
Assessing [Mcd81a]. **Assignment** [SL80, SS86b, YMO80]. **assignments**
[CHB88]. **assistance** [HR84, MR87]. **associated**
[Ban82b, KEB87, Poh84, SS89a, UT80]. **associates** [DS89a]. **Association**
[ENH+87, Del88]. **associative** [Koh86]. **assumption** [YG86]. **asymmetric**
[Mez87a, RB88c]. **asymmetry** [FGS85]. **Asymptotic** [Bli80, Lev89, Shi84,
VM83, YLM80, Bha82b, Cha82, Emc80, Ing80, Khu82, Sil86]. **ATM**
[PFBF81]. **atmosphere** [SOS84a, SOS84b]. **atmospheric** [DSW80]. **atom**
[AB87, AC85, AGB82, AMFC83, BS80a, CV83b, DM83b, DBS80, DD87a,
EB87, Ess82, FC85, Fro83a, GMV83, HT85, IL84, JSSS80, KEGS81, KWJ83,
Lin89, MMS+86, Mcc83, Mic83a, Min80, MG85, NP81, Ols86, Par84, PD84b,
PNA86, PNA88, RI88, SD86, SI89a, SIN80a, SDBDSMG86, Suc81, TH81a,
Tay81, TB81, TTRL88, UB86, Var81b, VM81, VV83, Vrs87a, Vrs87b,
YUKK84]. **atom-diatom** [BS80a, NP81]. **atom-in-molecule** [PNA86].
atom-molecule [VM81]. **atom-surface** [IL84]. **Atomic**
[Ano80c, DB81, FSK79, FSS+89, RLPFA86, See88, Ten86a, AN85, ADF+88,

BIN86, CS80a, CPS81, ČV82b, Csa85, Csa87, Csa89, Del83, DIV86, DCF82a, Dov86, ES80, Ela87, Fra84, Fra85, Fri86, GB85a, GSMRM85, Gla85, Gra84, Gre81a, HR83, Jun80, KD80a, Lás85, LP87, Mar85b, MC88, ML81, Mic83b, MS80a, MB80a, MK81, MPPW82, Niu84a, Niu84b, Nov83b, Oga80, OS89b, Pia83, Pra83, PC86, RA81, Rei82, RACPL86, SM85, Sen80a, SHK87b, SMHK89, SF80b, TH81a, TS80, Ten86b, Ten88b, Tru83b, WOT89, YHG89, YLM80, Fli86, Ågr80]. **atomization** [Živ83]. **Atoms** [Bra86b, Ågr88, AEHNEA85, ACP84, AM83b, ABD$^+$80b, AA89, BN80, Blo89, Bor85, CADL86, CTV80, Csa80, CT81, Csa81, Csa82, CP85b, Das80, Das82, DG83, DH84, Dur86, FDAC89, Gás86b, GTB80, GBZ89, HF86, HSSW83, HBC86, Hic83, HS80b, HM89b, Ish83, Ish86, Ish88b, JJZ$^+$88a, JSS80, JA82, Kag83, Kal86, KS85, KK86, Kau82b, Kun86, LJW87, LBP84, LS86, Lib84, Loh84, Mar88c, NSS86, Nes87, NB79, NA83, NC87, Oga80, Par84, PGPRN86, Pyy86, Pyy93, Pyy00, Rud84, SS81a, Sen84, SF81a, ŠKR84, SBW86, STG86, Sza85, Var87, VGG88, WBK86]. **ATP** [MSM81]. **attached** [NH81, SBE$^+$83]. **attachment** [BMG82]. **attack** [CSB86a, VŻH82]. **attraction** [Wea88]. **aufbau** [Coo87]. **Auger** [Nes85, SD81]. **August** [ADL78, WJ82]. **autoassociation** [GLP80]. **autocorrelation** [GD82a]. **autoionization** [Chu86, ST84, Win85]. **autoionizing** [Gub82, NMK84]. **Automatic** [BSZ81, CMB84, Mar88c]. **aux** [VT85]. **auxins** [RP81b]. **Average** [CDG80b, BB85, BBO83, CS82, NSS86, Sen80a, VVD80b]. **averaged** [Zer89]. **Avoided** [BKP83, LC83a]. **Avoiding** [JT85]. **axioms** [Löw82b]. **aza** [PD87]. **azabiphenyls** [BLR86]. **azines** [BH89b]. **aziridine** [Sap80]. **azobenzene** [PD85].

B [LM81, LR89, Mar81a, Nat88, Zer87, NP80, AL87, BMMS81, CC82b, DG85, FCPL84, GP86b, Ish86, Ish88b, KR81, LCDP80, LP81a, LPP81, Nas83, PZ84, PG89, SRSR85, VC83]. **B-DNA** [CC82b, LCDP80, LP81a, LPP81, SRSR85, VC83]. **B.V** [Ågr87c]. **B43** [Cal86b]. **B57** [Cal82a]. **BA** [DBS82]. **BaC** [HDTR83]. **backbone** [HP81, HKG81, LJHU89]. **bacteria** [Sey81]. **bacterial** [Yad83]. **bacteriorhodopsin** [ES88, KPTG88, KPT88, San84]. **balance** [GT87b]. **banana** [PMT84]. **Band** [LTLF87, ABTP83, BS83a, Böh84, BDD81, BC84, BC85a, BC85b, Bur85, Chr84, CE88, DC87, FDAC89, HDTR83, KS87a, Koe86, KWBC80, Kun81, LS80, LK87, Mod81, Mor83, MB80b, Ori81b, Per85, Per86, RB88b, VVD80b, VI84, YRS85, LH87]. **band-structure** [KS87a]. **banding** [TT81]. **bands** [BW85, FL83, PSIT87, Sto82a, Sto82b, TP80, ZY85]. **bare** [MC88]. **barrier** [CPS89, ENH$^+$87, JRK84, KAH80, LMG85, Mül81, NBE87, RBL84, SSR$^+$87, SS86c, SS86d]. **barriers** [DC86, SB88, TWW81]. **Bartlett** [Ågr87a]. **Base** [HB82, BKP83, CLS81, CS83b, CCD$^+$84, CA86, GK80c, H$^+$90, HP81, KJL87, LGPP$^+$80, MGN82, OM82a, OM82b, OM83b, OM83a, OM84, OM85, OM86, OMH89, OYH$^+$80, Pic83b, PKP$^+$81, SS84a, SS85, Tew87, Tew88b]. **based**

[Böh83, Böh84, DMB+84, GV88, Gre81a, HOT87a, HOT87b, HR87, HPKW81, HL88, KKH+83, KHK87, KWJ83, MC80, Mez84e, MRJ85a, MRJ85b, NSL88, Öhr85, Öhr86, OK80, PPB87, PLL86, PNGL83, RA81, RFST85, Roo80, RSMM86, SH89, SDS83, Ten86b, Was89]. **Bases** [GC87, AN86, Del88, DF89, DD89, LCCB81, PSS+87, PKP+81, SHK87b, SM80, SGP+80, Tew88a, Voj85]. **basicity** [GC85a]. **Basis** [Ada81, Bec89, BYBB84, Del87, Fin87, FSP87, GG85, Ish84b, Kut84, Lin85, OI86, Pan85, STS83, SHKP80, SR87, Ågr87c, AM83a, AN85, AGCT87a, AGCT87b, Bag83b, BSHK86, BVC80, BPCT83, BS86, CFS86, CFS87, DPC82, DA81, FPT81, FEKC84, GHGP89, GT87b, Gou86, GM81c, GPC85, GSO+87, GCV84, Har83a, HS89, HA84, HL83, INFU84, IO89, IBB85, IBB87, IQ87, IS88, KGEP89, KG89, KO81, LER87, LC81, MK85, McD80, Mor88, MNS85, ÖHD89, Pan83, PDMC80, PDC80, PDC81a, PDC81b, PDMC82, PKC85, RB88a, RB88d, RLPFA86, RR87b, RST87, RBR80, RVK80, RC80b, RS88, STH80, SR81, STS82, ŠKR84, SRHK83, SHK87a, SC80b, TS80, TP85, TH80, TPN86, WK83, WH87, YG86, CS83c, RB88a, RDG84b]. **Basis-Set** [OI86, BYBB84, Ish84b]. **Basis-set-free** [Bec89]. **BaTiO** [BMMS81]. **bay** [KSJT83, Low82d, Low82e, Sey83b]. **bay-region** [Low82d, Low82e]. **BCL** [TMO86, MPD87]. **BCS** [TF83a]. **Be** [WBK86, Ada82, AJ83, BN84, CS83c, GY87, Kal85, KEGS81, LB83, Mor88]. **be-isoelectronic** [AJ83]. **BE2** [CPZS86, SBH+85, SBH+86]. **BeAl** [CH82]. **beam** [Fut87]. **BeBH** [BR80]. **Beck** [Gos80]. **become** [Mis84]. **BeH** [LB83, GG82a, PSBB83]. **Behavior** [Ada80b, MS80b, BLR86, BB81a, BMBK82, BV80, DK82a, KK83, LOGC86, OYN80, PFC88, RGW88, Sla85, VGG88, ZAB85]. **Belgium** [ADL78]. **benchmark** [SBB87]. **Bender** [Avr82]. **bending** [GUSS89]. **Benjamin** [Lun82]. **Benjamin/Cummings** [Lun82]. **benz** [PZSL83]. **Benzene** [KNS+86, EB82b, PČP82, TOK80, WK83, Živ86, Živ87c, SS84b]. **Benzene-containing** [KNS+86]. **benzenes** [Ågr83, Tak86]. **benzenoid** [BK84b, Cio87d, EB81, EBEE87, KSJT83, Ran80a, EB82b]. **Benzinger** [Chu88]. **benzo** [AEHNEA85, PZPL86, SG80a]. **benzo-derivatives** [AEHNEA85]. **Benzodiazepin** [KRST83]. **benzodiazepine** [KTGR89, VL89, YGK+89]. **benzodiazepines** [YGK+89]. **benzohydroxamic** [AEHM85]. **benzoic** [BK84b, MG89]. **benzomorphan** [CZM83]. **Benzophenone** [KNSM88]. **benzoquinone** [CS83b]. **benzosemiquinone** [SSUF80, SKS83, SS86b, SS86a, SL80]. **Berlin** [Ågr88, Fro81, Fro83a, GSC89]. **Bernd** [Ano81d]. **Berthier** [Ågr88, Fro83a]. **beryllium** [BSR80, CP85b, EB87, MBR80, Ori81a, Ori81b, Ori82c, Ori82a]. **betacarboline** [KTGR89]. **betacarbolines** [YGK+89]. **Between** [BCV80, ACP84, AN86, AGB82, AM89, BZA84, Bar81, BSL81, BMMS81, BJR86, CLA80a, CL80, Cof83, DF86, DCF82a, EY82, Fis84, Fis82, FSP87, GSM83, GJMLRGSA85, GP85, KAD81, KPP85, KPP86, LCCB81, LS86, LC80, LWZ88, LZY83, Löw84, Low82e, LLM86, MZ85, MJ89, MBSC81, MDT85, MGBH81, MA80b, Nag82a, NL89, NSL88, Odd82, Par84, Pie84, Pie85,

POK85, PO85, RM87, SS82, SFC86, Sar89, Sch89, SVS81, Ska84, Smi89, Sti82, TPN86, UB86, VBS85, Wes81, Wes82, WBK86, Wor85, YHG89, YS80a, ZA89]. **beyond** [PHGR88, Sha85, Tay87b, Zho88, RBH$^+$86]. **beyond-Hartree** [Tay87b]. **BFGS** [Kar84b]. **BH** [BLR81, IS83, WKH80]. **Bibliography** [Ågr88, OM83a, H$^+$90, OM82a, OM82b, OM83b, OM84, OM85, OM86, OMH89, Pic83b, Pyy86, Pyy93, Pyy00]. **Bicine** [SK81]. **bifluorenylidene** [SAP81]. **bifurans** [AEHH81]. **bilayer** [NTM80]. **bimolecular** [BCT86, Chr80a, Chr80b]. **binary** [CF81b, EB86, Lim82, SBWW80, TP87]. **Binding** [CPMP86, Cia81a, Del81a, JG81, PS80a, SBWW80, AHB$^+$80, ABD81, BD81, BKS87, Böh84, Bri86, CGP87, CZM83, CMM83, Csa85, Csa87, CE88, Csa89, Das82, Fra84, FCPL84, GM81a, GEdP81, HH89, HKFW87, Jac89, KEIG86, KMRK86, Laf81, LCP81, Luk81, MMM81, Mod81, PZSL83, PZPL86, RB88d, RWOT81, SG81a, SAB$^+$80c, SS80f, Sto82a, Sto82b, SRDG85, VL89, Zho88]. **bindings** [Sin80b]. **binuclear** [Böh83, BDK86, CEZ83]. **bioanode** [PSG83]. **biochemical** [FCPL84, HZL84, PSG83, PP80]. **Biochemistry** [Mar81a, PTG80, Khe81, LM81, Pul79, LM81]. **Biological** [DS80c, SRO81, SS80a, SG82, AL80, Ave84a, Bro88, CTP83, Chi81, DS89a, DA80, Dos84, Frö83b, GSMSG82, HJ80, KCP80, Lar82, Mår80, Mår82, NS86, Pet79, PL84a, Sar89, Sey81, SS81b, Ste84, Tap88, The84, TR80, XYSJ81]. **biologically** [GSG84, GM81c, KTK80, KRST83, KRBM85, KNS$^+$86, KKSM87, KNSM88, KMPTK89, Pin88]. **biology** [Dav87, FHHHE85, Kar80, Lan84]. **biomolecular** [SRSR85]. **biomolecules** [Blo83a, Mez87a, RMM83, RTM86, RC80a, Rom81, SRH86, ZA89]. **biophysical** [Moo81]. **biophysics** [Khe81, Lad87]. **biopolymer** [Sin80b]. **biopolymers** [BL81b, CP80b, LOBS86, RSP$^+$80]. **biosciences** [CCC$^+$89]. **Biquadratic** [Ori80, Ori82b]. **bis** [XHR86]. **bisantrene** [CGP87]. **bivariational** [LFM89b, Wei82]. **Bloch** [BOW80, GM83]. **block** [FF80]. **blocking** [DS80b, PKH$^+$81]. **BMV** [BVD81]. **BO** [ANH81]. **body** [Ade87, Ano81s, AZY84, Ave86, ALH86, BK89, Ble82, CD87a, CC83, CC84b, DB81, Fla80, FH81, FM86, HBSC83, HB86, Hub80, IS85, IS80, Kal85, KCK83, KS82, Kha85, KB88, LB83, LC88a, MK85, Mat87c, Mat87d, McD81b, MJ89, Muk86, MP84b, Muk84, MPD87, NCKL81, Nov83a, PS80b, PM84b, SF81a, SH87b, UI80, Var87, WJP83, WJP85, Win85]. **Boer** [RM82]. **Bohm** [Bel80b, Nag85]. **Bohr** [Har87]. **Boltzmann** [Ulm85]. **Bonchev** [Ler85]. **Bond** [BVD81, EB86, GMM81, May84, May85, May86a, PC83a, PCG83, PT84, PP83, TP84, TP85, TWW81, ZLH87, ÅFL81, Ber81, Bes88, BF83a, BBL81, CPN89, CCD$^+$84, CL83b, CZ82b, CLZ84, Cul88, Cul89, Del87, DS89b, DF83a, Eng83a, Eng83b, FGM87, Fli84, FEKC84, FH83b, GMM84, Her83, Hib81, HO85a, HO85b, HG86, Hur82, Jul84, Ker81, Laf81, LZ87, LW84b, LS82, LGL$^+$84, MS87, MY81, MGN82, May86b, McW88, MK83, NÁNSP87, NP80, OLB$^+$82, OYN80, PNGL83, RB81, RS84, RKHK88, RKO$^+$89, SS85, SHH$^+$83a, SRT81, SWM82, SNSM82, SI89b, TF83b, TS81, TH81b, Ver80, VMMV80, Wed81, Živ86, Živ87c]. **bond-effective** [SWM82].

Bonded [LZ89, AGCT87a, AGCT87b, CLS81, Cze87, DDFA87, GB85b, GBW88, GBW89, GCP82, IHI80, Kle83, LCCB81, LP80, MZ85, Mil86, MC89, MB82, Nov83a, RSBR85, Sch80a, Sch81, SD88, Wor85]. **Bonding** [CKM81, PD84a, ABD81, BP84, Bau86, BS83a, Boč89, BDK86, BLOW89, CJZ+86, Cia81b, CEZ83, CF81b, Del88, DF83a, EIKG+88, FFF88, FD89b, GMS81, GP86b, HC80, JM81, KBS81, KAH80, Kin86, KD86, Lal81, MH82, PGL+86, PMCA88, PP81, PG89, SRS81, SFC86, SS84a, ST86a, SWM82, TP80, TWL82, XHR86, ZSB80, Hil85]. **bonds** [BLR81, BDP+81, DF86, GBO86b, KEIG86, LW84b, PMT84, SD86, Ser81, Yam81]. **Book** [Ågr80, Ågr82, Ågr85, Ågr87a, Ågr87b, Ågr87c, Ågr88, Bra86b, Brä86a, Cal81a, Cal81c, Cal81b, Cal82a, Cal82b, Cal86b, Cal86a, Cal86c, Cal86d, Cal88, Cal89a, Dun80, Fro81, Fro83a, Fro88a, Fro88b, Gee89, Gos80, Kum87, LM81, Ler85, Lun82, Mår80, Mår82, Mar81a, Mic87, Mou89, Muj86, Nat86, Nat88, Pic83b, Pic83a, Rat87, Rat88, Rös87, Sie81, Sie83a, Sme84, Tap86, Tap88, Wol81, Zer87]. **Books** [Ano80d]. **boranes** [TL86]. **Borel** [YS80a]. **born** [HRL88, Nag85, Röm83]. **boron** [DPR80, LL86, LÖ85b, MG83, YZ85]. **Bose** [CTP83, MB83, OT80]. **bosons** [MBSC81]. **Boston** [Cal81c, Cal81b]. **both** [RL88, RFST85]. **bound** [BN84, Csa86a, ENH+87, FAC84, GDBRV87, Lev89, LO81, MSM81, NSS86, NBE87, Suc84]. **bound-state** [FAC84]. **boundaries** [Ker81, Mez83d]. **boundary** [FC81b, FC81c, FC81d, FC82c, Swe83]. **bounded** [AMFC83, Swe82]. **bounding** [Cas88]. **Bounds** [MPPW82, BH86, ČV86, CV83b, Gol80]. **bovine** [Gas80, LSS83]. **box** [LAGS89, TS82]. **Boyd** [LWK84]. **Br** [PXLC86]. **brain** [Koh86]. **brain-like** [Koh86]. **branching** [BS82a, Rut81]. **Brandow** [SH87b]. **Bravais** [RB86]. **Breakdown** [Nag85, GC83]. **breaking** [Böh83, Cow82, RKHK88, RKO+89, Tru83a]. **Breit** [BG88, FWS+85]. **bridge** [CGK82, FHHE80, HR84, MR87, San84, SD86, TTRL88]. **bridged** [BR80, MBT81, OKZ85, VG80]. **brief** [LL89, Löw85b]. **Bright** [Ano80e]. **Brillouin** [Ori84a, RB86, MW87, Ori80, Ori82b, Ori85a, Ori85b]. **Brillouin-zone** [Ori84a, RB86]. **broadening** [LCCW87]. **Broglie** [Bel80b]. **broken** [BBH87, Gos85, HM89a, Lef83, Pra83]. **BSSE** [MSV89, MS89]. **BSSE-free** [MSV89]. **buffalo** [Fin89]. **build** [Pin88]. **build-up** [Pin88]. **bulk** [CB88]. **bundles** [Cho80]. **bungarotoxin** [SSR86]. **buried** [NS83]. **Butadiene** [Živ86, Živ87c, BKP83]. **Buthus** [Gri81].

C [Ågr82, BLR81, Cal81c, Cal86b, Fro88a, KBT80, Mas87a, Mic87, RKO+89, Sie83a, SHP+80, SS87, LCA89, MPP+81, Ano87s, CS83b, COS82, Deá83, FGM87, GBO86a, Ish86, Ish88b, LWZ88, LH85, LCCW87, Mak80, MMB84, PDMC80, PDC80, PSBB83, SRDG85, TST89, VŻH82]. **C-state** [COS82]. **C.** [ČD87c, Hal88]. **C3** [KTGR89]. **C3-substituted** [KTGR89]. **CA** [KD80b, GP83a]. **cadmium** [Das82]. **caffeine** [DS89a]. **calcium** [BL81c, HKFW87, SRDG85]. **Calcul** [OF80, SvG89]. **calculate** [DVV80]. **Calculated** [HLR80, LHZ80, PP82, WCLZ86, BYBB84, FK80, Luk81, OL82, Ran80d, Ver80]. **calculating** [JSS80, Mül81]. **Calculation**

[BL89b, Das82, DCF82a, DCF82b, FVZ+88, FAC84, FGS85, Fuk83, GOS87a, Ish83, KS86b, KM89b, LC82a, LL84, LW82, LW84a, LW84b, MTLL82, Mal86, Mod81, RP81a, RTM81, RTM83, RMM83, RTM86, SMD83, SB83a, Ská83, VU85, WKH80, Wen86, XYSJ81, YS80b, YS80c, Ada81, AB87, AJY80, BS82a, BR81a, BN80, Blo89, BYBZB83, Bou80, BFOP83, Bur85, CLM80, Che80, CL86, CA86, Csa83, Csa89, DS80a, DP87, DG86, DG83, DBVMB85, Don82, Don85, DS81c, EÖWZ84, Ess84, FP84, FC80a, FC81a, FC85, HK86, HTD80, HHL80, HC81, Hir80b, HYZ89, Hub80, IBB87, IS80, INO88, JN88, JJČ87, Kal86, KO81, Kau82a, KE82, LM82a, LdMH80, LHC80, Löw85a, Mes85, MMI+82, MV87, MSI80, NKM81, OF80, PPB87, PZ84, PABD80, PS84, RNW86]. **calculation**
[RL86, RL88, Rér89, RM84, Sad89, ST84, SS84a, Sel86a, Sel86b, SG87, SP82b, Sve88, TPN86, TL82, TH81b, WSD80, WHT86, Yon85, GP86a].
Calculations [ADF+88, CMM83, Fro81, SA80, Tat81b, ÅCFRJ85, AEHA87, AB85, AEM86, ACP84, AM82, AM87a, ARZ+89, AØ80a, AØ80b, AØM81, AØC82, Bal81a, Bal88, BB82b, BG81, BSHK86, BVD81, Bar86, BIN86, BG88, BD88, Bha81b, Bha82c, BS83a, BBPS83, Blo83b, BVB88, BVC80, BC80, BDK86, BHVR83a, BHVR83b, BH89b, BCC82, Bro88, BVAB81, Bue86, Bur83, ČU80, CY80, CHKB83, Cha80, CPGP83, Chr84, CR81, CFS86, CAML87, CHZ82, CF81b, DMB+84, DPC82, DB81, DL82, Deá83, DA80, DFP80, Del84b, DFH84, DH85, DC87, DOW87, DPR80, DC86, EG84, FC81a, Fli86, FSK79, FSS+89, FDAC89, GT86, GG81, GG82b, GG82a, GG83, Gás86b, GPLP85, GAL86, GLLOB86b, GLLOB88, GT87b, Gos85, GM81c, GK80c, GSS85b, GCV84, GBO86b, HPK81, HKK+82, HLKK82].
calculations [HKKM83, HKLM85, Har80, HM85a, HKV85, Ho81, HAB83, H+90, HAmGS86, INFU84, Ish86, Ish88b, Ish84b, IBB85, IQ87, IS88, IAAA89, JWÖ83, JŻ85, Kag83, KSO84, KG89, Kar81, KHNT86, KT80a, KHP81, KHCH85, KHRK87, KHK87, Kau87, KU80, KKA80c, KNM83, KST84, KD80b, KEB86, LSP85, LCULC87, LRT88, LJK86, Lás82, LT81, LGS87, LMG85, LHKK82, Lew88, LKB89, Lib84, LJ82, LC88b, LC88a, Lin89, LSBS81, LHP80, LN89a, LHK81, LP87, LÖ85b, LN89b, MS87, MM87a, Mar89, MMS+86, McW84, Mes80, MW87, MMC83, Mül82, ME81, Nas83, NS84, NSL88, Noa80a, Noa80b, NKV+89, OM82a, OM82b, OM83b, OM83a, OM84, OM85, OM86, OMH89, Ort89, PWL89, PL80, PLL86, PNGL83, PMCA88, PR83, PBFL80, Pay82, Pic83b, PD80, Pit84, PDMC80, PDC80].
calculations
[PDC81a, PDC81b, PDMC82, PDKC84, PKC85, PM81, RS86, RT84, RT85, RBH+86, RKHK88, RKO+89, RSMM86, STH80, SD80, SR81, SRS81, SS83, SR84b, ST80b, SC86b, SI89a, SBB87, SBE+83, SF81a, SNNG86, SC89, STS82, SMS84, ST82, SHL82, SHL86, SHP+80, SRL+83, SHK87a, SS86c, SS86d, SS87, SC80b, SM80, STG86, SM87b, SSF+84, ST86c, SSN+84, TS81, Tay87b, TS82, Tew88a, Tho85, Tho80, TN80, Tin80, THKM81, TMO86, TL80, VARPU84, VP84, Voj85, Vol89b, WKJ88, Wes82, Win83, Win86, WS80b, ZW83, ZJŻ88, GG82b, LFL+81, RDH84, SY82, TW88, WK83, Yad83, Ågr87c, Sie83a].

calmodulin [MR89]. **Cambridge** [Ano87t]. **Can** [Ada82, Kal85]. **cancellation** [Hub80]. **cancer** [JL87, SG80b, SG82, SG85b]. **Candidate** [LPCF80]. **Canonical** [Mat84, KN84, Leu83, Per82, GBW88]. **capacity** [MV87]. **Capellos** [Fro88a]. **capture** [PGPRN86]. **carbanions** [BKJ88, Mof82]. **carbene** [JM83]. **carbides** [PT89a]. **carbohydrates** [JM81, KVR85]. **carbolines** [MSC$^+$83b]. **carbon** [CPN89, DGSO85, KL80, KGB87, LCF89, LS86, SKIK82, TKY89, VMMV80, Ran83]. **Carbon-13** [Ran83]. **carbon-hydrogen** [CPN89]. **carbonate** [BLOW89]. **carbonic** [CLA83b, GP80, KR81, KBSG81, LL89]. **carbonium** [RT87]. **carbonyl** [Mar89]. **carbonylheme** [HLR80]. **carbonyls** [DMB86, GSMSG82]. **carboxylate** [SR84b]. **carboxylic** [DBC84]. **carboxymethyl** [SRS81]. **carboxypeptidase** [VWCC82]. **carcinogenesis** [Lad86, LOBS86, Löw86b, PP80, RT84, RT85, Sey80, SL87, ST82, TR86, Tho89, Var86, PTG80, Mar81a]. **carcinogenic** [DD89, HKP81, KSJT83, LP84, LP81b, LPSK83, HPK81]. **carcinogenicities** [LPP84]. **Carcinogenicity** [Gre82, Low82d, Low82e, MP87, SG80a, SVS81, Sey83b, Sey83c]. **carcinogens** [BMG82, LČ84, LPCF80]. **cardiac** [DS80b]. **Carlo** [CC83, CFC83, CC84b, DKLP81, DS89a, DBF89, LG84, MB86, Mcd81a, MMB84, MK81, RBL84, RBH$^+$86, RC80a, Rom81, RJK83, Umr89, VR86]. **carriers** [LOGC86]. **Cársky** [Fro81]. **case** [CF81a, DS88, Eng83a, FD86, GPLP85, KG85, KG86c, MJ89, Ska84, Sri86, VCV87]. **cases** [Cia81a, FN84, SRL$^+$83, Yon85]. **CASSCF** [ANH81, Bal88, KHCH85]. **CASSCF/CI** [Bal88]. **catacondensed** [EB82a]. **catalase** [AWCL89, LCCW87]. **catalysis** [Cia81a, CLA83b, FG82, Jac89, Sim86, Sla83a, Sla84, TF80, Pul79, LM81]. **catalysts** [Sok81]. **Catalytic** [SSC83, BBPS83, NS82a, NS83, Sok81, ST88]. **catalyzed** [CD89b, CD89c, LL89, OLB$^+$82, SRC84]. **cataractogenesis** [Var81a]. **catechol** [SS80e]. **catechol-O-methyltransferase** [SS80e]. **Catecholamine** [ŠKH81, SS80a]. **cathedrals** [Urr82]. **cathode** [LK81]. **Cation** [BKS87, GPC85, RSP$^+$80, Big86, BL81c, CKM84, GEdP81, MR80c, OL80, UTP82, BL81c]. **cationic** [KHK87, RJ88, THKM81]. **cations** [Bre80, GMM84, GP85, LCDP80, MBR80, RGW88, WBK86]. **caused** [HG86, SWW89]. **CBO** [GC83, GC84f]. **CC** [Yam81]. **CC1** [SBH$^+$85, SBH$^+$86]. **CCI** [KG86a]. **CCl** [KG86b]. **CCSD** [SSR$^+$87]. **CD** [KM80]. **CdS** [CCS84, Fle81, KWBC80]. **CdTe** [HLPV83]. **cell** [DAPS81, Lad86, LS85, SL81, SAB$^+$80c]. **cell-selfregulation** [LS85]. **cells** [BS83b, GMP$^+$84a, Gup80, PSG83, Poh80, Poh83, PPR84, Poh84]. **Cellular** [Poh83, PPP87, FL83, FD86, Gas85, KFD85, LFL$^+$81, LTLF87, Poh82]. **center** [BBR82, Cof83, CE88, CLZ84, GKMV80, Gus87, Hur82, Jon81b, Jon82, Jon83, Jon84, Jon86, KK82b, KK83, LCULC87, MPB84, PSM87, RLPFA86, ST80a, Tin80, Wea88]. **centers** [CB83, LPP81, MBKH83, PC83b, RLR88]. **Centrifugal** [Loh87]. **century** [Urr82]. **cephalosporin** [PBBK89]. **cerium** [LFM89a]. **certain**

[JL87, LC83a]. **CF** [CF81b]. **CFP** [MPBN81]. **CH** [CF81b, INFU84, KKA80b, Wój86a, Fro88a, Wój86b, AYBP83, CHKB83, ESKG83, GA82, HL80, Ish86, Ish88b, KHCH85, KTS86, PDC81b, RS86, SRL+83, TST89]. **Chain** [LBV86, BLR83, FY82, FDAC89, Kir89, LJHU89, MW83, Nag82b, Pin88, SKL80, SRC84, SNSM82, TNY83, Yar82]. **chains** [ABD+80b, ABD81, ABTP83, BSL81, BS80c, DL82, Del84b, DFH84, DH85, DC87, FDA83, FM86, Her84, HJ80, Kib83, Kve82, MW87, Min87, PS81, Ran80c, SRC83, Tus86, Vol88]. **Chairman** [Löw89]. **Chairman'S** [Gás86b]. **challenge** [Cal82a, Woo80]. **Challenges** [Ben81]. **change** [DS81a, DQT80, DQ80, DQ81, SH89, ZV85]. **Changes** [Dat82, GMP+84a, Lim82, Sen80a, VU85]. **channel** [Lin85, UVP+81, UTP82, UTVP85, VARPU84]. **channels** [Ovc81, Var81b]. **chaos** [Tay87a]. **character** [MGN82]. **Characteristic** [ACH83, BL88, Dem83, KT86, KJT85, Kry82b, MKVP80, RBK85]. **characteristics** [Hil85, KTGR89, SS80a, TK86]. **Characterization** [FH81, FH83b, AM87b, AM88a, BT84, BMT80, Bon83, GYJ83, Ler85, MBT81, OMC82, PBM85, PBA88, RL86, Ran81, Ran88]. **Charge** [CC84a, CC82a, FZB86, Fla80, Fli84, Fli86, Has82a, Ish89, MGN82, MDO+82, MBD84, Ågr83, Bec82, BQS87, CEB86, CL80, Cla83a, Csa83, ECM89, Fut87, GSMRM85, GCP82, GCP86, Has82b, Hil81b, HDTR83, Ish86, Ish88b, JN88, JBW87, LS80, LCCB81, LT81, Mez81a, Mez82, MB85, NW82, OL80, Par84, PNA86, RBSR84, RSBR85, RR87a, RR88, SH89, ST80a, SKEDR81, SST83, Suh84b, YZ85, Hil81a, PDC81a]. **charge-mass** [SH89]. **Charge-transfer** [MGN82, Ågr83, GCP82, GCP86, NW82, YZ85]. **charged** [Dem83, PDC81b, Rab84, RGW88, SMHK89]. **charges** [CB82, Fli86, Mez86b, YHG89]. **Charles** [Sme84]. **Chatelier** [Mez84b]. **CHCH** [LS86]. **Cheetham** [Rat88]. **chelates** [FHHE80]. **chelating** [SS80f]. **Chemica** [Zer87]. **Chemical** [BT82, BWEW89, Cal89a, FD89b, Fle86, Gro85, Kle86, KT80b, KLDD84, May83, MBT80, PD83, RM84, ST83, Ade87, AM89, Bal82b, Bal82c, Bal82d, BZA84, BB83, BD81, BLR81, BTK83, BT84, BW80, Ber81, BDP+81, BS83a, Bon83, Cio88a, ČPV81, Cla86, CA86, CAML87, DD87b, DC86, FFF88, FHHE80, Fli84, Fli86, FGG83, Fro88a, Fuk81a, Fuk83, Fuk81b, GTB80, GF83, GHF84, GJMLRGSA85, GSS85b, HLKK82, HKLM85, HC80, JL84, Jul84, KPH88, KKZ86, Kau81, KJMS85, Kot82, KJT85, KPSK80, Lar86b, Ler83, Ler85, LHKK82, LP81b, MSC+83a, MSC+83b, May86b, Mez83b, Mez84a, Mez84b, Mez84e, Mez85b, Mic87, MMI+82, NHKY83, Nat88, PNGL83, PSG83, PP80, RK82, Ran83, RD84, RC86, RT84, RT85, RKHK88, RKO+89, ST89, SZ84, Ser84, Sey80, ST86a]. **chemical** [SBE+83, STS82, SMS84, Sin88, Sla83a, Sla84, Sla85, SPSG85, SMKT86, Tac87, Tew88a, Tho89, TKR86, Urr88, Var86, Var85, Vas82, VGG88, VMMV80, Vog86, XHR86, Yad83, Rat87]. **chemically** [SMVV86b, SMVV86a]. **chemisorbed** [MB85, NA83]. **Chemisorption** [AS86, SAS86, BASB86, FS86c, GPN80, IRP81, JR85, Ker81, RSGK88, SR84a, See81, Wed81]. **chemisorptive** [TH81b]. **Chemistry**

[Ågr88, Cal81b, Cal86a, Cal89a, Fro81, Fro83a, KS81, Mar81a, PTG80, Ågr85, Ågr87a, Ada64, Ada69, Ada80a, Bar85, Bec89, Ben81, Ber81, Cal82c, ČU80, CD92, CB85, CCG$^+$82, CCD$^+$84, CCC$^+$89, CP86b, De 80, DD87b, Dun87, FC83, HZ84, Hay82, HM81, HZ83, H$^+$90, HYS89, Jor89, Kel78, Kib83, KST84, Kou80, KPS87a, KPS87b, KPS88, Laf81, LM81, Law87, Löw86c, Löw89, MH80b, MH89, Mal91, Mal02, Mas87a, MN81, Mat87b, Mat87c, NKZ88, NS86, Nat88, NB79, OM82a, OM82b, OM83b, OM83a, OM84, OM85, OM86, OMH89, OYH$^+$80, Pau89b, PSK86, Pic83b, PBKB89, Pul79, Ran80b, RZ86, Rat88, RBH$^+$86, Sad85, San81, Sey83a, Sim86, Tap88, Tri86, Zer87, Fro81, Brä86a, Dun80, Gos80, Lun82, Muj86, Wol81]. **chemists** [Kun83]. **chemodynamics** [FTY81]. **chemomechanical** [Urr88]. **Chen** [Ban82a]. **Chen-Ning** [Ban82a]. **CHF** [EC83, FC81a]. **Chichester** [Cal88, Nat86]. **Chimie** [Cal81a]. **Chiral** [CT87, ST89]. **Chiral-achiral** [CT87]. **chirality** [SS80a]. **chiroptical** [BHVR83a, BHVR83b]. **chloride** [GjC86, Hil85, LCC84, LPP84, LP84, MP87, PP82]. **chlorinated** [PH82]. **chlorine** [LdMH80, RS82]. **chlorooxirane** [LP84]. **chlorophyll** [EZ83, KHNT86, OMC82]. **choice** [Bel80b, MM87b]. **Cholesky** [OS89b]. **Cholesky-like** [OS89b]. **Cholesterol** [Lal81]. **cholinergic** [WMP$^+$83]. **choosing** [RR87a, RR88]. **chromatography** [PH87]. **chromium** [FBM80, SG89, MK80]. **chromium-group** [SG89]. **chromophore** [San84, SG81b]. **chromophores** [HMF82, NTM80]. **chromosome** [TT81]. **chymotrypsin** [SKEDR81, SNSM82, VB85]. **CI** [Big86, GK80c, Yam80b, Bal88, BL81a, BEO80, BEP87a, BEP87b, BBPS83, BBO83, BC83, Bue86, Bur83, CHKB83, CR81, CP80a, Has82a, HZBR89, HC81, KGEP89, KHCH85, KHRK87, KHK87, KS81, LCLC86, LCULC87, LCLC88, LJ82, MR81, MR80b, NH81, Nak83, Nas83, RW80b, RW81, RJK83, Roo80, RS80, RKHK88, RKO$^+$89, SP86a, SNNG86, SG89, Sie83b, WBK86, Yam80a]. **circulant** [CP85a]. **cis** [KL80, RB81, EIMS87, HET86]. **cis-trans}** [KL80]. **cis/trans}** [RB81]. **CISDT** [SSR$^+$87]. **CISDTQ** [SSR$^+$87]. **Cl** [KKTE80, PXLC86, CV82a, DS81b, KG89, KS89b, LJC83, SJ85, STG86, Wój86a, Wój86b]. **Clarendon** [Ågr82, Ågr85, Gee89, Rat88, Rös87]. **Clary** [Mic87]. **class** [Gra82, Kat89, Ojh89, PSIT87, TH88]. **classes** [FEKC84]. **Classical** [DBF89, Hal80, HC80, SHL86, Tho83, ACP82b, Avr82, BM89, BQS87, Dun87, KB87a, Rec80, RBL84, SHH$^+$83a, Sil84, SM87b]. **Classification** [Kry82a, Fra85, FEKC84, Kva82, Mar88c]. **Claverie** [Cze87]. **clay** [LGL$^+$84]. **Cleantes** [Gos80]. **cleavage** [Yam81]. **Clebsch** [Alt89, Her84, Kib83]. **ClF** [CV82a, DS81b]. **Clifford** [GCP87, LP89]. **ClN** [LJC83]. **ClNCO** [LJC83]. **close** [DBVMB85, PABL88]. **close-coupling** [DBVMB85]. **Closed** [PSM87, DG83, KC83, KS85, MT85, Mal82, MC88, PL80, WS80b]. **closed-shell** [DG83, KC83, KS85, Mal82, PL80, WS80b]. **closest** [MT87]. **closure** [BBGS84]. **cloth** [LM81, Mår80]. **clupeine** [PAFW84]. **Cluster** [DL82, GLP83, NH81, Nak83, PB82, PR83, Van82, ALB84, AB85, AB87, AS86, BS81a, BANF86, Dun88, Fin85, GOS87a, Gee88, HK86, HB86, HLPV83, JR85, Kal86, Kin86, KSGB$^+$83, Kle86, KS89a, Kva83, LPB82,

Lau88, LLAG89, LSR$^+$84, MS88, MJW88, Muk86, PTC84, PP89, PSBB83, RSGK88, RSMM86, SSR$^+$87, See84, See88, SB84, SB87, SAS86, SM84, TP85, TH81b, HHL80, Küm83, MB85]. **Clustered** [CB83]. **clusters** [AH86, BL88, BASB86, Bor81, BCB85, BAN88b, CJZ$^+$86, CP85b, DBS80, Ell84, EG84, FS86c, GPN80, GVVDB89, GLLOB86a, KBS81, Kau87, Kin86, KJL87, KGB87, LBC$^+$87, LNN84, Loh84, Mar81b, MBSC81, MTN83, PP89, RJ88, SR84a, SOS84a, SOS84b, SJ85, See88, Fro83a]. **CN** [MA80b]. **CNDO** [BH82, Boč87, Bou80, CV82a, Che80, DS81b, DBS82, Deá83, FF80, GjC86, GRP$^+$80, KN80, Lás82, Lip83, LWK84, MBKH83, MH82, RB88a, RM84, SMD83]. **CNDO/1** [Boč87]. **CNDO/2** [CV82a, DS81b, DBS82, KN80, Lás82, Lip83, MBKH83, MH82, SMD83]. **CNDO/2-** [SMD83]. **CNDO/S** [Big86, SMD83]. **CNDO/SW** [GRP$^+$80]. **CNO** [RKHK88]. **CO** [SOS84b, Gos80, AS86, BF83a, BBL81, CD87a, CL83b, DF89, DFH84, Don85, HDFL84, JTST87, JR85, KU80, LL89, MB85, RW80b, RW81, Sok81, SSC83, SRL$^+$83, ZW83, MK83]. **CO/Cu** [MB85]. **coal** [GMP84b]. **Code** [FM80, Bed84, FF82, JKL85]. **codes** [EBEE87, FF84]. **coding** [FF84]. **coefficients** [Alt89, ACCYCC80, AØ80b, BD85, EY82, GP86a, GM81b, Her84, Kar84b, Kib83, LSH88, Löw83, Pau89a, Wen86, ZS85]. **coenzyme** [PSG83]. **coenzyme-immobilized** [PSG83]. **coexistence** [BB81b, Kve82]. **coexisting** [Sti82]. **CoF** [MTO$^+$81, MOT$^+$83, MK83]. **cognate** [Shi85, Yon85]. **Cohen** [DF83a]. **Cohen-type** [DF83a]. **coherence** [Van85, Van85]. **Coherent** [BSD82, CD89a, CFG$^+$83, Frö83b, GM83, Ská83, KSGB$^+$83]. **coil** [MT85, MY81]. **coincide** [GBZ86]. **coli** [FPDA89, JG81, MLC$^+$81]. **collagen** [VCB83]. **collagenic** [CBV85]. **collapse** [Kut84]. **Colle** [CL85]. **collective** [Kum87, Sew86, Toy80]. **College** [Pic83a]. **collinear** [KS89b, Nal80, NP81]. **Collision** [Chr80a, Chr80b, FR84, Ano80c, Gir86, Ols83, PL89, ZJŻ88]. **Collisional** [GPLP85, Hic83, Mic85, Mic86, SM87a, YUKK84, CMDBVMA89, Mic81a, Mic83a, YKZ$^+$89]. **collisions** [All87, CPS81, Del83, Dun87, GM86a, Gir80, GSR83, KH85, Köh89, Mcc83, Mic83b, Pia83, RB89, SG85a, Tru83b, VM81, VM83, WB81]. **colloquium** [Vas82]. **colored** [Cox87]. **COLUMBUS** [SSP$^+$88]. **combination** [Dov86, HAB83]. **Combinatorial** [Pau81]. **combined** [Sav88]. **Combining** [Bue86]. **combustion** [GSR83]. **Comment** [Mak80, Swe82, Hal88, SL80]. **Comments** [Ano86c, BB83, Ber81, CTP83, Hub80, LSZ83a, Löw86b, Tus86, CF81a, FC82a, FC82e, LSZ83d, LSZ83b, LSZ83c, Löw86e, NBE87]. **commonly** [Kun83]. **commutative** [Eng83b, Eng83a]. **Compact** [STH80, TH80, POT80]. **Company** [Ågr80, Ågr87a, Cal86a, Dun80, Mic87, Ågr87b]. **comparability** [EBEE87]. **Comparative** [DS81b, Luk81, Wag83, AWCL89, CV82a, EIKG$^+$88, Kar84b, SKEDR81, SMD83]. **Comparison** [Bar85, CL80, Csa88, DS89b, DWQ86, LC80, SKER83, SHK87a, YHG89, FD89b, LC83b, LC88a, MR89, MJ89, Mez85a, SSR$^+$87, See84, Tel88, VBS85, BB82b, BB85, DQ81, GY87, Hal80, LH85, PP89, SH87b, YKZ$^+$89, Ågr87a].

compendium [Ågr87c, PKC85]. **competition** [MB84]. **competitive** [DS80b, Shu84]. **complementarity** [NSN89]. **complementary** [CLS81, CS83b, PKP+81, Živ88]. **complete** [Roo80, SF80b]. **Complex** [BS82a, Edw88, KEB86, LGS87, MGBH81, REB83a, AL87, BF83b, Brä86c, Chu86, CCG+82, Cof83, CH82, EKBE86, FSW87, Jun80, LdMH80, LG84, LLAG89, LHZ80, Löw86e, LFM89b, LP80, Moi81, MBR80, NKM81, NMK84, Ori84b, RM82, Rud84, SMSA80, SAP81, SBB87, Sim80, Sla83a, Sla84, SHP+80, ŠHH83b, SR80, VTT81, VŻH82, Win86, Wój86b, Yon85]. **complexed** [GM81a]. **complexes** [AAW82b, Bha82c, Boč88a, BPCT83, BC80, Chi81, CEZ83, Del87, DF89, FHHHE85, Gas80, GAL86, GP83a, HLR80, Hil85, KN80, KS87b, Lip88, LNN84, MDO+82, MTO+81, MOT+83, MK83, MK80, NSN89, NW82, Pee83, PS80a, RK82, RD84, RBSR84, ST89, SJ88, Sla83b, WCLZ86, WK83, WH87, Wój86a, YZ85]. **complexity** [Sey81, Sil86]. **complexons** [KKD80]. **Compliant** [MR85]. **component** [Kah84, YL83]. **components** [BCT86, DPZ80, JKL85, RS88, SR87, SHK87a]. **composed** [Sie80, ZLH87]. **composés** [OG86, VT85]. **Composite** [Sin86, Gir80, Gou86, Mat81b, Sto80, VT85]. **composites** [OG86]. **composition** [DBS82, SGP+80]. **compositions** [FW84]. **compound** [DT83]. **compounds** [BSHK86, BDP+81, BH82, Böh82, Böh83, BJR86, CD92, CPGP83, CNK87, DGSO85, FZZ87, HKK+82, HKKM83, HKLM85, JN88, KM80, LCF89, LmJQHXZ83, MG83, Mar89, MBT81, MFM89, PDMC82, PDKC84, SA80, SY82, SRP81, SCER88, SSF+84, TR82, THKM81, TL83, VMMV80, WBM88]. **compressed** [CTV80, Csa80, CT81, Csa82]. **compression** [FNC86]. **Compton** [AM83b, BLOW89, CBC+89, DT81, PGM80, Smi89, Tha83]. **computation** [BAG83a, BEO80, ČVV87, ČV88, Duc85, KJT85, PD84b]. **Computational** [Kau82a, ST89, AM87a, Ano81s, Brä86a, CB85, CCG+82, CP86b, DFH84, DH85, DR84, JI88, KHP81, Kau87, MP87, PP84, RDH84, Tri86]. **Computations** [GCP82, GPC85, KS87a, Kun83, SD86]. **computed** [Del87, MHAS86]. **Computer** [ACP82b, GD82a, Jon80, Jon81b, Jon81a, Jon83, Jon85, Jon86, KSJT83, SG86, Bri84, FP84, GSS85b, Jon84, Kau81, Mez84e, NS89, SMS84]. **computer-aided** [FP84, NS89]. **computer-based** [Mez84e]. **Computer-generated** [Jon80, Jon81b, Jon81a, Jon83, Jon85, Jon86, Kau81]. **Computers** [KST83, Cla80b, Kun83]. **computing** [Con88b, MKVP80, Pin88]. **concentrations** [CC82b]. **Concept** [ÅFL81, OL80, Tac83, AM89, BBR82, Brä87, Cio87b, ČPV81, DAPS81, HS88, Jul84, Laf81, Par84, PNA86, PNA88, Sch83b]. **concepts** [Brä86a, DSG80, GB85b, GBW88, GBW89, PNGL83, Tri86, Fli84]. **Conceptual** [Zer87]. **concerned** [Cal82c]. **concerning** [Cla80b, Tat81b, Tho86b]. **concerted** [HSR86]. **condensate** [SS80b]. **condensation** [CTP83, Dos84]. **condensed** [Bar86, Fri87, KH80, Lar86b, ZV85]. **condition** [BD85]. **conditions**

[FC81b, FC81c, FC81d, FC82c, Gru85, KC82b, Kar86, Khu82, Kry82c, oLCC81, LW81, Swe83, TS82]. **Condon** [HYZ89, Kat80, KDA81, PM83, PS88, SPRS89]. **conductance** [BCD89]. **conducting** [BCBS81, Ker86, SRC83, VARPU84]. **Conduction** [UVP+81, BBMP82, CE88, VI84]. **conductors** [DR80]. **Conference** [WJ82]. **Configuration** [DG85, DH84, KG86a, Mül82, SBB87, WP80, Bal81b, Bur83, CS83c, CMB84, DBES80, DK82b, FSS+89, GB85a, GRBP87, Ish89, KC82c, KC82d, KPM83, LER87, LSBS81, Mez84d, Mez87b, OY83, OL82, PB82, Pau81, Pay82, PS81, RP81a, Sav88, SSR+87, Sie80, TR82, TB81, Was89, Yam80b, Zer89, Fuk83, KG86b]. **configuration-averaged** [Zer89]. **configurational** [BCC82, LJHU89]. **configurations** [DIV86, DRS88, FW80a, FW80b, KPM83, KHRK87, KS82, KNM83, LCCB81, MPBN81, Nas83, PŻ85, RSD82, Rud84, SB83a, Sie80, Tai89, Tay83, Tay84, Tay86a, Tay86b]. **confirm** [CHKB83]. **confluent** [Niu80]. **Conformation** [BV86, KG80, Luo87, PD85, PD87, Sar81, AN86, Csi82, GM86c, Gup81, JPAB87, KAH80, KD80b, KMRK86, Mez83a, Pac82, PS81, RTM81, RMM83, RTM86, SP81, Sar89, SS80a, SS86b, TK83, VT82, WWD88, CS81, SC80a, SP82a, SC84a, SP86b, Cal86a]. **Conformational** [BLR86, BR81b, ITKD80, KŠHH83, Kot82, LCP+88, LN89b, PT89b, RB88d, SWA82, SNSM82, Tew88a, Tva89, WS80a, YL83, AM88b, BMRJ86, BH82, CBV85, CZM83, KTGR89, LM82a, SHL86, Tew87, Tew88b, Yad83]. **conformationally** [AM88b]. **conformations** [AM87b, AM88a, BCV81, DPS87, JY81, MY81, MMB84, RB81, Ran80c, RTM83, RMM83, RTM86, SS86a, Sin80b, LHK81]. **conformer** [DS80b]. **conformer-receptor** [DS80b]. **conformers** [LCP+88]. **Conformons** [VCB83]. **congress** [Jor89]. **conjectured** [TV84]. **conjoncturelles** [TV84]. **conjugated** [ABTP83, BH82, Bou80, ČPV81, GMM84, Has82a, HO85a, HO85b, KT80b, MS84, OG86, RN86, RSG+87, SF80a, YS80b, YS80c, Živ83, dSdMB86]. **Conjugation** [RHST88, Vog86]. **conjugués** [OG86]. **connected** [Cio87c]. **connection** [Sil86, Ulm85]. **connection-formula** [Sil86]. **Connections** [Sch89, Wes81, Wes82, Lar83]. **consequences** [BB87, Sla85, TV83a, TV83a]. **Conservation** [ACCC80]. **Considerations** [MT88, DOW87, EN87, FN83, KC82c, LSW89, Pul86]. **considering** [CF81a]. **consistency** [BCC82]. **Consistent** [DDP81a, DDP81b, MM81, Wei85, BDK86, Cio89, DS80a, Den83, Den85, DS81c, EG84, Eng83a, Eng83b, FPT81, Lef83, Lib84, LTLF87, LLC83, MM82, MN81, Mic83b, Oga80, PMCA88, SRS81, SSSH82, SM82, Toy88, WG80]. **constant** [CP85a, CZ82a, Cul88, Cul89, GT86, MA80b, Sel86a, Sel86b, SS89a]. **constant-denominator** [CP85a]. **constantes** [TV84]. **constants** [BYBZB83, EC83, FC80a, FC81a, FGC84, GOS87a, Jon81c, KGEP89, KG89, Kau82b, Kob82, Luk81, Mil86, POK85, RDG+86, SC86b, SS86b, SL80, TV84, WHT86]. **constituent** [KTK80, KRST83, KRBM85]. **constituents** [Rab84].

constrained [PM81, RSST86, ZW83]. **constraints** [Mez86a, Sil80, Swe83]. **Constructing** [AC89, Bal82a, KPH87]. **Construction** [AL86, BK82, Cal82b, Cio89, HPKW81, Mey88, Pau79, BH86, Bha82b, DBF89, GBZ86, Kry84b, Mat82, Pan82a, Pan82b, Pan83, Pan84, PKH87, ST86c, Voj85]. **constructive** [May86c]. **contact** [FGC84, Ish85]. **containing** [BR81b, Blo89, BCV82, CNK87, GG81, Gás86b, GTB80, GC84f, KNS$^+$86, MGBH81, PDMC82, PDKC84, RR87b, SD88, SS86a, Živ83]. **contains** [RL88]. **content** [BEP81, Fra84, Kin89]. **context** [ČV82b, Røe81a]. **continua** [AM88a]. **Continued** [ČV83a, Mas87b]. **continuing** [CS87]. **continuous** [PM88]. **Continuum** [Ras88, TNB86, Ban82b, Blo83b, CA85, CA86, GjC86, Löw85a, TT83]. **contour** [HKP81, HLKK82, HKLM85, LHK81, SHKP80, SHP$^+$80, THKM81]. **Contracted** [BBPS83, STH80, Sie83b, TH80]. **Contraction** [Bag83b, Pan89, Ben81, GM81b, RS88]. **contradiction** [Kve82]. **contrasting** [LPP84]. **contribution** [DS89b, GCP82, GCP86, HBSC83, KJMS85, Luk81, Mas87a]. **contributions** [Big86, FC81a, FGM87, FNC86, GTB80, LCC80, TT83, Cul88, Cul89, PHGR88]. **Control** [Mar88c, Gas85]. **Controlled** [Pip85, Van82]. **conventionally** [Ban82b]. **Convergence** [BMBK82, DMB$^+$84, Del84b, HČP88, Kar81, NS84, IS85, OJY83, PČP82, WGS85, CS80b]. **convergent** [Ada82, HGPF89]. **Converging** [CHZ82]. **conversion** [TLC87]. **converters** [KB87b]. **Convolution** [Niu84b]. **Cooley** [Tel88]. **Cooper** [Ågr82, Muj86]. **cooperation** [Shu84]. **Cooperative** [Jac89, DS80c, OPSO86, OPSO87, DSG80]. **cooperativity** [SS89a]. **Coordinate** [Bro80, CS83c, Don82, NS82b, Ade87, BS80a, BS82a, BLV88, DL83, DLVÖ84, FSW87, GM86b, KRT83, KMW80, Lev89, Mez84c, MT88, Moi81, SK87, Sim80, Tac87, YY83]. **Coordinate-rotated** [Don82]. **coordinated** [CSB86a]. **coordinates** [AW83, ACDLH84, AZY84, ALH86, BB83, Ban88a, Ble82, Csa86b, LÖ85a, LV87, NPL89a, NKM81, NMK84, SB89, Win86]. **coordination** [SCER88, VMMV80]. **copolymerizations** [FW84]. **copper** [Bag83b, LdMH80, MTN83]. **cordycepin** [SP81]. **Core** [Ågr83, Dur86, LP87, MB84, PC88, AHB$^+$80, BBH87, Boč89, CMM83, Kah84, KK87, LJC83, LLS83, PLL86, SAD81, SSF$^+$84, WKJ88, Woo82]. **core-electron** [CMM83]. **core-exciton** [SAD81]. **core-valence** [PLL86, SSF$^+$84]. **Core/valence** [PC88]. **cores** [ALL83]. **Corfu** [Kel78]. **corrected** [AGCT87a, GBZ89, SRHK83]. **correction** [CV83b, Lud83, Rom81, VV83, Ten88a]. **Corrections** [PHGR88, AGCT87b, BSZ81, BCT86, BCC82, BBO83, CPGP83, Csa81, FSS$^+$89, GV88, Ish89, LJC83, McD80, MMC83, Noa80a, Noa80b, PW86, RLS87, SNSM82, VI84]. **Correlated** [Bor85, LC88b, MÖ80, Gos82b, HO85b, JD83, JD85, KC82c, KC82d, Luk82, MSF86, NP80, PŻ85, TB81]. **Correlation** [Big86, CF83, CFLM85, CL86, Ess86b, GT87b, II82, LCLC88, MK85, MA80b, Sad83, Sar89, SJH89, AB84, ABTP83, AYCD81, ACDLH84, Bec81, Bec85,

Böh85, BC83, CR81, Cio87c, CSF80, CP80a, CP83a, Dav81, Del87, DS89b, DRS83, ESS86a, FD89a, FDA83, FH81, FH83b, GBZ86, HBSC83, Has82a, Has82b, HS80b, IS83, JMS$^+$85, JMS88, KU80, KKA80c, KFN80, Lad83, LCLC86, LC80, LT89, Lev89, LZ89, LSH88, Mar85a, Mar88b, Mic81a, Mic83a, Mic85, Mic86, MHAS86, MMC83, MRJ85a, MRJ85b, Nag87, Nes87, Ori84b, PW86, RBR80, Røe81b, Røe82, Røe87, SSB83, SF81a, SL86, SMJ83, SM87a, SSF$^+$84, Suh83, Suh84a, TPČ83, UB85, UB86, VM81, VM83, WSD80, WBB80, YMO80, BR81b]. **Correlation-induced** [II82]. **Correlations** [BMMS81, Dur86, GR89, HMF82, Hub80, JŻ85, MK81, NH81, PHGR88, SS80b]. **corresponding** [Mof81, RC80a, Ská83]. **coset** [QX86]. **Coulomb** [ALH86, BD88, Bli80, Bli84, Bot81, Bri87, CC84a, CP80a, CP83a, ENH$^+$87, GBK86, Gus87, Jon81b, Jon82, LO81, Lie83, MC88, MM87b, NBE87, Noa80a, Noa80b, WW89]. **Coulombic** [KM89a]. **Coulson** [ČD87c, FEKC84, Hal88]. **coumarin** [BLY$^+$86]. **count** [Cio87a]. **countercation** [CLP82]. **counterion** [LCP81]. **counterions** [BKJ88, CC82b]. **counterpart** [Loh85]. **Counterpoise** [BCT86, AGCT87b]. **Coupled** [DP81, SB87, SM84, ALB84, AB85, AB87, BAG83a, BS81a, BL81a, BS83b, BHS85, DL82, ERB82, GOS87a, Gee88, HK86, HB86, HZBR89, HY89, JP80, Kal86, Kva83, LPB82, Lef83, LAGS89, Lin85, MJW88, MR87, MK80, MMC83, Muk86, PTC84, PABL88, PP89, Pul83, PSBB83, RSMM86, SSR$^+$87, SB84, Küm83, TP85]. **Coupled-cluster** [SB87, SM84, ALB84, BS81a, HK86, Kal86, Kva83, MJW88, Muk86, PTC84, PP89, PSBB83, RSMM86, SB84, Küm83]. **coupled-pair** [JP80]. **Coupling** [WW82, Ågr82, ACCYCC80, BS84, BD85, BLV88, CKD81, CT87, DBVMB85, DIV86, EC83, Eng83a, Eng83b, FC80a, FC81a, FGC84, FW80a, FW80b, Fis84, GOS87a, Gre87, GC82b, GC83, GC84f, HS80a, HLPV83, Kar84a, KGEP89, KG89, KL89, RTC81, Röm83, RDG$^+$86, SC86b, SS86b, SS89b, SDS83, WHT86, YA87, AØ80b, Cal86d]. **couplings** [RDG$^+$86]. **covalency** [JL85, MOT$^+$83]. **covalent** [Has82c, Hur82, Ols83, PNGL83, SAB$^+$80c]. **covalently** [MT85]. **coverage** [RLH86]. **CoXF** [Dat82]. **CPA** [DL82]. **Cr** [CEZ83]. **Craig** [Tap86]. **CrC** [SG89]. **creatine** [GB81]. **creation** [Pan82b]. **CrGe** [SG89]. **Crick** [SS85]. **cristal** [OF80]. **Criteria** [Lit81, MW80, Gas86a]. **criterion** [GA82]. **Critical** [BH82, LM86, Mou89, DBC84, EB86, LSR$^+$84, Sta71, Sta87]. **criticality** [Fis82]. **Croatica** [Zer87]. **cross** [Blo83b, BF83b, DSG86, FSW87, FK80, Gan81a, Gir86, HDFL84, LGS87, MM87a, MW83, MÖ80, NC87, SM83]. **cross-section** [LGS87]. **Crossed** [Fut87]. **Crossed-Molecular** [Fut87]. **crossing** [BKP83, LC83a]. **Crowther** [Buc89]. **CrSi** [SG89]. **Crystal** [Cal81b, SRL$^+$83, ALL83, AØ80a, AØ80b, AØM81, AØC82, Ban82b, Böh84, BFOP83, Cal85, DP87, INFU84, Kar81, KS84, OF80, PD89, RB88c, RKHK88, RKO$^+$89, SP82b, WS79, ZY85, Zhe83, AØM81, AØC82, RB88a]. **crystallization** [LM89]. **crystallographic** [GC87, MR89]. **crystallography** [Fra89]. **crystals** [AS89, Ano87a, Bou84, BLOW89, BTC$^+$83, BOW80, FM83, KBS81, Kau87, KS87a, LSR$^+$84, MK83, OPSO86, OPSO87, PS80a, ST80a, ST80b, See81, Sin86, ST86b, Sto82a, Sto82b, TP87, UT80]. **CS**

[DFH84, Mül82, Kat80]. **CSFs** [BL81a]. **Csizmadia** [Ågr87c, Cal86a]. **CsO** [LLS83]. **Cu** [SS88, BCA87, MB84, MB85, PC83b, SD80, Sch88]. **cubic** [BOW80, Mod81, WHT86]. **cubical** [KG85, KG86c]. **CuCl** [CCS84, KWBC80, WKJ88]. **CuF** [LHC80]. **Cummings** [Lun82]. **Cumulant** [Mic81a]. **Cumulative** [Nas83, SHK87b, SMHK89]. **CuO** [MS88]. **current** [CC84a, FH83b, LRZ84a, LRZ84b, Wal88]. **currents** [GMOBA80, TKY89]. **curvature** [Sil84]. **curve** [BSR80]. **curves** [BH89a, CLS81, KT84, MS80b, PPB87, SG85a, Tat81a]. **cyanide** [TF83b]. **cyanides** [Mof81]. **cyano** [Hir80a, LH85, Mof82]. **cyano-substituted** [Hir80a]. **cyanocarbonium** [Mof81]. **CYBER** [AM87a]. **cycle** [Fox81, PSG83, SD82]. **cyclic** [BMT80, Bou80, DDFA87, KHRK87, PB82, PC83a, PCG83, PT84, PP83, RSP$^+$80, ST83, TP84, TP85, TPČ83, VB85]. **cycloaddition** [GDX89]. **cycloadditions** [SZJS82, HSR86]. **cyclobutadiene** [ÅCFRJ85]. **cyclodextrin** [MP84a]. **Cyclodextrins** [BP83]. **cyclodisiloxane** [BS86]. **cyclohexadiene** [SAM82]. **cyclooctatetraene** [Wol88]. **cyclopentadienyl** [XHR86]. **cyclopentadienylidene** [SS80c]. **cyclophosphamide** [Ulm81]. **cyclopropane** [PGL$^+$86]. **cysteamine** [BCV80]. **cysteine** [GSMSG82]. **cytidyl** [Gre82]. **cytidyl-** [Gre82]. **Cytochrome** [MPP$^+$81, AWCL89, CLL86, LCCW87, LCA89, LL85, PL83, PL84b, WCLZ86]. **cytosine** [BCD$^+$80, KPSS87, LOB86, RBSR84, SS85]. **cytotoxic** [Gas86a].

D

[Ågr82, Ågr87a, Ågr87b, Cal81b, Dat82, Dun80, Gos80, Mic87, Sie81, Sme84, Tap86, Wol81, BW85, ESCC85, GT87a, WHT86, Wój86a, ddF86, KG85]. **damped** [SCH84]. **Damping** [vZ81, Dun87]. **Danail** [Ler85]. **Dancoff** [TF83a]. **dans** [TV83a, TV83b, TV84, TV89, Van85, VT85, Van86]. **data** [FSK79, FF89, H$^+$90, KPS87a, MR89, OM82a, OM82b, OM83b, OM83a, OM84, OM85, OM86, OMH89, OYH$^+$80, Pic83b]. **DATB** [HKKM83]. **Daudel** [Fro88b]. **Davydov** [Cal86c, Tus86]. **Day** [Rat88]. **dc** [HS84b]. **DCl** [Wój86a]. **DCN** [Cha88]. **dCpdG** [HB82]. **deactivating** [Sey80]. **deaminase** [SRS81]. **deazapurine** [SC84a]. **Debye** [Fra89]. **decay** [Emc80, MGBH81, IHI80]. **decaying** [Kau82b]. **decomposed** [ML81]. **decomposition** [AGCT87a, ACH83, BCT86, CA80, DT83, KHCH85, LY83, OS89b, RKHK88, RKO$^+$89, SRHK83, SLT84a, SLT84b, ZS86]. **decoupling** [Dal80, Shi87]. **Dedication** [Rav82]. **deduced** [FS80]. **deductions** [Sin88]. **deep** [RZWL80]. **deexcitation** [YUKK84]. **defect** [Ell84, GAL86]. **defect-pair** [GAL86]. **defects** [BS84, BF81, Cal80, CS80a, EGP86, KWM86, SF89, SC89]. **defense** [LP82]. **deficient** [Vog86]. **defining** [Ori84b]. **Definition** [DQT80, DQ80, DQ81, CM85, Gre87, SMVV86b, SMVV86a, TV84, TV84]. **definitive** [GC83]. **deformation** [AØ80a, AØ80b, AØM81, AØC82, BSCR80, FZB86, GKP83, Eis88]. **deformations** [BST86, HG86]. **deformed** [AS89, GKAP81]. **degeneracies**

[Avr82]. **Degeneracy** [LL86, PTC84, Bal81b, CDL82, Ojh89]. **Degenerate** [CS80b, BB81b, DS88, Gol84, ML81, WJP83, WJP85]. **degradation** [DSG86, IDK87]. **degree** [MOT+83]. **degrees** [HL88]. **dehydrogenase** [KK82b, KK83]. **Del** [Fro83a]. **delay** [WB81, YKZ+89]. **delayed** [Bel80b]. **delayed-choice** [Bel80b]. **Delhalle** [Cal81c]. **delocalization** [BC83, PSG83, PM88, Pip89, SNSM82]. **delocalized** [LW84b]. **Dence** [Nat88]. **dendritic** [Ran81]. **denominator** [CP85a, CZ82a, Cul88, Cul89]. **dense** [Fla81]. **densities** [AØM81, BS83a, DT81, Dea89, Eis88, Fla80, HS84a, Ish86, Ish88b, KAD81, POK85, PO85, SMVV86b, SMVV86a, SST84, TM81, TTS84, TP89, WB81, YLM80, HLPV83]. **Density** [Bel80a, BK84a, BOW80, Cio89, CFG+83, FM83, Har83a, KL87, KGO89, Lie83, LCG82a, Mor88, NPL89b, Per85, Per86, Sha85, Tac87, Ada80b, Ada86, AØ80a, AØ80b, AØM81, AØC82, BPT88, Bec82, Bec89, Bel80b, Cal84, CLA80a, CEB86, CH86, Cas88, CSF80, CFLM85, Coh86a, CG80, Csa81, Csa85, Csa86a, Csa87, Csa89, Dal80, DG83, Del84b, Don81, DK81a, DK81b, EIMS88, Ell84, EB87, FCB80, GD82a, GV88, Gos82b, Gre80, Har80, Hil81a, HG86, HM89b, Ish89, JBW87, JMD88, KPH88, Kau82b, KMW80, Kog84, Kon83, KN86, KM89a, Kry84a, KPS87a, KPS87b, KPS88, KEB86, KPH87, Küm83, KWM86, Lar83, LRZ84a, LRZ84b, LP82, LP85, Lev89, LCCW87, Löw86d, Luk82, LW81, Mal86, Mar86a, MC80, Mes80, Mes85, MS80a, MKW85, Min87, Mod81]. **density** [Mor89, NSS86, NDBE82, Noa80a, Noa80b, PFBF81, PSK86, PW86, PC86, SKIK82, Sav88, Sch80b, Sen80a, SL86, SY86, SHL86, Tac88, Tac89, VCG86, VBS85, YKZ+89, ZW83, ZAB85]. **density-functional** [Bec89, Csa89, Lev89, PSK86]. **density-matrix** [Mes85]. **deoxy** [LMG85]. **deoxyadenosine** [SP81]. **deoxyfuranose** [LMG85]. **deoxyuridines** [SP82a]. **dependant** [STV80, SV85a, SV85b]. **Dependence** [PM88, AGCT87a, BS86, Buf82, CS83c, Dal80, Fra85, HS84b, Has85, MC88, MTI80, OI86, ÖHD89, RSP+80, Sad89, TSA86, ZP82, AN86]. **dependences** [LM82a]. **Dependency** [BSD82]. **dependent** [AM84, AJY80, BP86, Bot81, DÖ89, FC82d, GM86a, GC84b, GC84e, GY87, HA84, Jac80, Lar83, MZ85, Mar85b, MLC+81, McW83, MB80a, PGM80, QX89, RB88d, Sla85, SV85a, SV85b, SvG89, SHS84, Tac82, Tru83a, SvG89]. **depending** [Ste81]. **deperturbation** [LGS87]. **dephasing** [BP86]. **deposited** [MB89]. **depth** [BH89a, CE86]. **depth-dose** [BH89a]. **Derivation** [LL82b, Fol81, Hel82, KC82b, KSGB+83, Kut80, oLCC81, Pau84, Pau89a, Sil82, Tim86, Toy88]. **derivative** [She87]. **derivatives** [Ågr87b, AEHNEA85, AT85, BJ87, BSL+80, BCD+80, BLY+86, CGP87, Cio87b, JG81, JD85, JS86, KNSM88, KTGR89, LOB85, LOB86, Luk81, NHKY83, OS89b, PD85, SB87, Sel88, Sey80, SS80e, SKS83, SJ84, WMP+83, WS80a, WHT86]. **Derived** [RSBR85, BS83a, Jon82, RBSR84]. **deriving** [Wes81]. **describe** [Eng83a, Eng83b]. **described** [Røe81b, Røe82, Røe87]. **described*** [GS89]. **describing** [Ish85, RGW88]. **description** [AM88b, BFOP83, Fli84, FGG83, Gee89, Gol88, GC82b, HO85a, HO85b, HJ80, Koe86, Kva82, MM80, PBGT80, SCH84, Sch89, MA80a]. **descriptions**

[Mar88c, OWÖ81, RACPL86]. **deshielding** [FNC86]. **Design** [AIJW82, Lit81, Mez85b, NS89, PSG83, Sok81]. **designed** [LRT88]. **desirable** [Kau87]. **detection** [CD89a, SDS83]. **Determinant** [Kia80, BL81a, CFLM85, Fri86, GS80, KHCH85, Lim88, LC82b, Pau89b, YS80b, YS80c]. **determinantal** [PL80]. **determinants** [Duc86, Gal82, Löw83, RWOT81, Sey83a, Was89, WMP+83, MWO+84]. **Determination** [FF89, GSS85b, Pac83, RVK80, SV85a, BL81a, BF83a, BF83b, BV86, CC82b, GM81b, Kar84b, KJMS85, LLS83, LAGS89, MMB84, Mic83b, SK80, SV82, TV84, Umr89, DT81, Umr89, SV85a]. **determinations** [SB83b]. **determined** [KB86, Qia83, RSST86]. **déterminer** [SV82]. **determining** [BB84, Bar86, DS89b, LT89, Poh83]. **detonation** [BWEW89]. **detonations** [OPSO86, OPSO87]. **detoxification** [LLM86]. **deuterium** [BBMP82]. **deuterium-hydrogen** [BBMP82]. **Development** [JIS87, OMCD81, Pic83a, RL88, Ågr85, RDG84b, RR88, Str82, Var86]. **Developments** [HC81, Enz80, Jor81, Kar80, KEB86, PP84, PP81, Tho86b]. **devices** [Ber88]. **d'évolution** [TV83b, Van86]. **Dewar** [TOK80]. **d'hyperpolarisabilite** [SvG89, SV85b]. **Di-** [RTM83]. **Diabatic** [Hal87, KPH87, PKH87, PABL88]. **diabetes** [RB88d]. **diacetamide** [BDR+88]. **diacridines** [AAW82a]. **diagnostic** [LT89]. **diagonal** [CF81a, FC82b]. **diagonalization** [CS89]. **Diagram** [BS82b, Rut81, YMO80, MP84b]. **Diagrammatic** [RS84, BK89, KU80, SI89a]. **diagrams** [ESS86a, Hub80, Kva82, MRJ85a, MRJ85b]. **dialkylnitrosamines** [LPSK83]. **diallene** [DBD+85]. **Diamagnetic** [Kau82b, Bou80, DCF82b, SG87]. **Diamagnetism** [GMS81]. **diamino** [PBM85]. **diaminodichloroplatinum** [EIMS87]. **diamond** [Lás82]. **Diatom** [SB89, BS80a, Lin89, NP81, Suc81, Var81b]. **Diatom-diatom** [SB89]. **diatomic** [AB84, AS89, CKM81, GSC89, JEW88, KG86a, KG86b, KK82a, Kob82, Kob86, Kry84b, LSP85, LPC+80, LL82a, LM86, Leu83, Moh80b, Moh80a, PL80, PGM80, PPMG89, RZP84, Röm83, WS80b, ZNS80, ST86a]. **diatomics** [BF83a, BVAB81, Kun86, PD84a, RSSS81, SST84, TTS84, Voj85, ZNS80]. **diatomics-in** [ZNS80]. **diatomics-in-molecules** [Kun86, Voj85]. **dibenzo** [Che82]. **dibenzo-p-dioxins** [Che82]. **dibenzofurans** [Che82]. **dibenztetrathiofulvalen** [SDS83]. **dichloro** [VG80]. **dichloro-bridged** [VG80]. **dichloroethylen** [LPP84]. **dichlorooxirane** [LPP84]. **Dielectric** [CE86, CE87, Pet79, CA85, GGDG86, GGDG87, MR87, Poh83, VVD80a, Mår80]. **dielectronic** [Win85]. **Diels** [Bur86]. **Diels-Alder** [Bur86]. **Diestler** [Nat88]. **difference** [GSS85b, IPV81, SMVV86b, SMVV86a, SHKP80]. **Differences** [KHRK87]. **different** [AGCT87b, CC82b, Coh86a, EIKG+88, FNC86, GLLOB86a, GC84f, Hil81a, LC88a, PP89, Sey81, SBWW80, TPN86, YGK+89]. **differentiable** [Cho80, Mez83b]. **Differential** [Mar86a, Dem86, ERB82, WSD80]. **differentials** [EIMS88]. **difficult**

[Ada64, ČD87c]. **diffraction** [CFG+83, GM83, KPS87a]. **diffuseness** [LR89]. **diffusion** [BASB86, Ulm83, Ulm85, Van82, VR86]. **diffusion-controlled** [Van82]. **difluoroethylenes** [HET86]. **digital** [Cla80b]. **dihydrides** [Bal88]. **dihydrofolate** [GC85a]. **Dilated** [ERB82, FB83]. **dilemma** [PMT84]. **dilemmas** [VFA81]. **dilithioacetylene** [JPAB87]. **dilute** [ESCC85, Fla81]. **DIM** [Voj85]. **Dimaprit** [PMOW89]. **Dimensional** [LPS83b, PBMR+84, AM88b, AW82, Ave86, ALH86, BVB88, CC84a, DFP80, DR80, FF85a, FF85b, GD82b, GM86b, HM89a, II82, Ker81, Khu82, KS87a, KBT80, Kry84a, Kve82, LPS83a, LSP85, MR80a, Mar86b, MC89, MST+80, MBD84, Niu84a, PS88, PD89, RB86, RB88a, RB88b, Ran88, See84, Sri86, SRDG85, TIYH86, TNY83, Tel88, Tus86, YKZ+89]. **Dimensionality** [MC88, Mar85b]. **dimensionally** [MS80a]. **dimensions** [Avr82]. **dimer** [BSR80, CSB86b, HB86, KNM83, Lip83, MR85, OMC82, OL80, SHK87a, WHT86, XHR86, ZCH89]. **dimers** [AGCT87a, AGCT87b, Cze87, HFSB86, Mil86, OKZ85, Pee83, SF81b, VG80, WS80b]. **dimethyl** [LHK81, SJH89, TR86]. **dimethylamino** [PD87]. **dimethylaminoaniline** [PD85]. **dimethylaminobenzylidene** [PD85]. **dimethylbenz** [Sey80]. **Dimethylnitrosamine** [ST82]. **dinitrobenzoyl** [ST89]. **dinucleoside** [Gre82, GK80c]. **dinucleotide** [JY81]. **diol** [LPCF80]. **dioxethane** [Hil81a, Hil81b, Hil81c]. **dioxide** [Blo89, SKIK82]. **dioxins** [Che82]. **dipalmitoyl** [DS81a]. **dipeptide** [HGHGF+89, MMB84, YJ85]. **dipeptides** [HH89]. **dipolar** [FC81a, HHT82]. **dipole** [JD85, LM82a, Mak80, MT87, MPP83, SSR+87, SS81a, SJ84, SMJ83, VU85, WKH80]. **dipoles** [KS86c, PPP87]. **DIPS** [ECM89]. **Dirac** [AN85, Csa81, Csa88, EG84, Ish84b, IBB85, IBB87, IRA87, IQ87, IS88, KK86, KPP85, KPP86, Kut84, VV83]. **Dirac-Fock** [IBB85]. **Direct** [ÅCFRJ85, AB85, BR81a, Ess84, FPT81, GM81b, JJČ87, Kal86, Ret86, Sie80, SP82b, DG83, DH85, DK82b, GRBP87, Iga85, LSBS81, MJ89, Mes80, Mes85, RS80, Sin80b, Win82, Kar86]. **directly** [Sin88]. **Dirichlet** [FC81b]. **disaccharide** [YL83, Yad83]. **discharge** [KKCM85, KKC+86, KKCM87]. **Discrete** [BJ87, Ban88a, TT83, AM88a, DR88, IBB85, IBB87, SA80]. **discrimination** [Shi85]. **Discussion** [AMFC83, Jas80, Löw84]. **disilene** [GZWYCHC88]. **disilene-silylsilylene** [GZWYCHC88]. **disilyne** [KSO84, SWM82]. **dislocation** [ALL83]. **dislocations** [Ban82b, De 80]. **disorder** [DR80, RM82, SKL80]. **disordered** [Fau85, Sri86]. **Dispersion** [VTT81, Cla83a, Kar80, Kau83, Obc87, PPB87, YS80a, BSL81]. **Dispersion-equation** [VTT81]. **displaced** [RLR88]. **displacement** [HB82, SK87]. **displays** [Fin89]. **dissipated** [LCD82]. **dissipative** [CD83, CD89a, SCH84]. **dissociation** [ADT+89, Bec85, BF83a, Eng83a, Eng83b, Hil81a, Hil81b, Hil81c, LAGS89, PABL88, Pit84, RSSS81]. **distance** [AGCT87b, LBKV88, MT87, MK83]. **distorted** [MW87]. **distortion** [KKA80b]. **distortions** [Loh87]. **distribution** [ČD87c, Csa82, Csa83, HOT87b, Hil81a, HDTR83, KKZ86, LCCB81, LCCW87, Pac83, ST80a, SHKM80, UB86]. **distributions**

[Bow86, CHA87, Fli84, Fli86, Hil81b, OI86, SSK84, SHL86, TMC84].
disubstituted [Ågr83, KKA+83, WCE89]. **divalent** [Pac83, UTP82].
divergence [SM87b]. **divergent** [Bha82b]. **divided** [Pes83]. **division**
[SAB+80c]. **DMN** [ST82, ST82]. **DNA**
[BG81, BST86, BC80, Bre80, BCV80, CC82b, CCG+82, CCD+84, CLP82,
CP83b, Del88, DD89, Fin89, FPDA89, GM81a, GUSS89, HH89, KRMK86,
KJL87, KBR83, KMRK86, KMKC88, KPSK80, LS80, LOF83, LCDP80,
LP81a, LPP81, MT85, MLC+81, MLA80, MSGPP80, Ott86, Pac82, Pac83,
PWL89, POT80, PZSL83, PZPL86, SMSA80, Sar82, SKER83, SRSR85,
Suh84b, SR83, VPK80, VC83, WMS81, vZ81]. **DNA-dependent** [MLC+81].
DNA-lucanthone [SMSA80]. **Do** [Dun88, Cas85, ST86a]. **Does** [Mis84].
domain [MB83, PKG86, Van85]. **domaine** [Van85]. **domains** [Ori84b].
dominant [KHRK87]. **Donini** [Cal86b]. **donor**
[Bha82c, CM81, CE86, PS80a]. **donors** [CE88, DAL89, GF88]. **doped**
[BKJ88, Fer88, Ker86, MTI80, PD89, ST80a, ST80b]. **doping** [ECM89].
Dordrccht [Dun80]. **d'ordre** [SvG89]. **Dordrecht** [Ågr87b, Cal81c, Cal81b,
Fro88a, Fro88b, Gos80, LM81, Mar81a, Mic87, Sme84]. **Dordrect** [Cal86c].
dose [BH89a]. **Double** [DP82, Lim86, QX86, Alt86, Alt05, Bel80b, BST86,
CFC83, Cul88, DBF89, GG82b, GP83b, GSS85b, ITKD80, JD83, JM83,
KO81, Lás85, Lim88, Mey88, MMI+82, Ori84a, Ori85a, Ott86, Pau89b,
PHGR88, PSBB83, Rös87, Sar82, SSR+87, VPK80, Var87, Yam81].
double-ended [DBF89]. **double-helical** [ITKD80, VPK80]. **double-point**
[Mey88]. **double-slit** [Bel80b]. **double-stranded** [GP83b, Ott86].
double-zeta [GG82b, Lás85]. **doubles** [Gee88, LPB82]. **doublet** [Don85].
doubly [Gub82, MS86, PP89, Vol89b]. **downward** [Pau81].
downward-Robb [Pau81]. **Dr.** [Ban82a]. **dressed** [SH89]. **driven**
[Cio89, FC87, YG87]. **Drug**
[Dav87, BV86, CL83a, JW86, Luk81, MWO+84, Mez85b, NS89, PKH+81].
drug-receptor [Luk81]. **drugs** [AEHA87, AD80, BC80, TH88]. **dT** [CLP83].
dual [ACCC80]. **duality** [Wor81]. **due** [Shi87, Swe83, VU85, ZRY83]. **d'un**
[SV85a, SvG89]. **duplexes** [BG81]. **During** [Dat82, ES88, PSG83]. **DV**
[TH81b]. **DVM** [GBO86b]. **DWBA** [Suc81]. **dyes** [PD87]. **Dynamic**
[ES80, Sin81, TNY86, BEO80, Rér89, Sve88, VU85]. **Dynamical**
[Fol81, MSF86, SA86a, CD85, DÖL87, FK80, PW86, Sch80b, Tab82, Toy80].
dynamically [MR87]. **Dynamics**
[Gup81, MLL83, MM80, RN84, STG86, Ade87, ABCV86, Bes88, BS83b,
Cal82a, Cla86, CJ89, D+85, DÖ89, DBF89, Emc80, Fro88b, Fut87, GHF84,
GD82b, GDBRV87, KH80, KH86, Luo87, MS84, OF80, Pal89, PABL88,
RC86, Sch89, SB81, Woo80, YY83, Yar82, ZH86, Fro88a, Mic87].
Dynamique [OF80].

E. [Ano80e]. **each** [Kau82a, TPN86]. **earlier** [CHKB83, MR81, MR80b].
earth [ADS83, GEdP81, LBP84, SS81a, SS86a]. **Ebb** [SHRH82]. **Eco** [Fin89].
economical [RR87b]. **Ed** [Cal86a, Cal86b]. **edge** [DA88]. **edges**

[LGL+84, VI84]. **Edited** [Ågr87a, Ågr87b, Ågr88, Brä86a, Cal81c, Cal81b, Cal82a, Dun80, Fro88a, Fro88b, Gos80, LM81, Mår82, Mar81a, Mic87, Sie81, Sme84, Tap88, Zer87]. **Editor** [Ano89m, LCÖ84, BL89a, Cal89a, Swe83]. **Editorial** [Ano86c, Ano89l, LSZ83d, LSZ83a, LSZ83b, LSZ83c, Sab80b]. **Editors** [Rat88]. **Education** [Bry80]. **Effect** [BBMP82, BSL+80, CP83a, CE88, DKLP81, DS81a, FS86c, FCPL84, KL80, KAM85, KBSG81, LCDP80, MT85, MG80, MB80b, NSP80, SMJ83, SKL80, YA87, YRS85, AGCT87b, AL81, Aus84, BBLR84, BKS87, BP84, BEL89, BP86, BK84b, CV85, CLP82, CT87, CP80b, DS89a, DOW89, DQ80, DQ81, FHHE80, GSC89, HET86, Hir80a, IHI80, KVR85, KFD84, LK87, LY83, MHAS86, NS82a, NS83, PNA88, PP80, SS84a, See84, SL87, SS89a, Sil82, Sin81, SHKP80, SRHK83, VWCC82, Bak85, Boč89, CBV85, RBR80, SS85, SGP+80]. **Effective** [GMM84, GR89, GCV84, JSS80, OY83, Var81b, BK82, CF81a, DB81, GBZ86, Kah84, KK87, KSGB+83, LJC83, LLS83, MT87, PC88, PNA86, SWM82, WKJ88, Wes81]. **Effects** [CZ81, NW82, RS88, SR84a, SAD81, SD88, AJ83, BSHK86, Bec81, BMRJ86, Boč87, Boč88a, Boč88b, Boč89, Böh82, BYBB84, BC83, CKD81, CZM83, Cla83a, CG80, CA85, CA86, CP80a, Dav81, Del87, DSG80, DS80c, DR80, Dur86, EV87, FGC84, Fli84, Fli86, Fuk83, FM86, GPN80, GjC86, Gre87, GKP83, HF86, HBC86, HM86, HL80, Ish89, IS83, JMS+85, JMS88, KKZ86, KM80, KFN80, KKD80, KS86c, LCLC86, LCLC88, LP87, LLM86, Lun89a, MK85, MFM89, MB84, MR87, MR88, Min80, MB85, NH84, Nov83a, PC88, Pac82, PCA89, Pee89, Pee83, PD84b, PP81, PZPL86, PBMR+84, PTG80, Rab84, RKV+80, Sad83, SSB83, Sey83c, Sme86, SR87, SST83, STG86, SP82b, Suh83, Suh84a, SI89b, Toy88, Tru83a, YG86, Yar87]. **effects** [ZSB80, SO85, Wol88, Mar81a]. **efficiency** [HZL84, OY83]. **Efficient** [Duc85, AB84, CY80, GHGP89, NKV+89]. **EHF** [MA80a, PS87]. **EHMO** [TW88]. **EHT** [BSZ81]. **eigenenergies** [Moh80b, Moh80a]. **Eigenfunctions** [Cal82b, Pau79, AL86, Duc86, Lim86, Lim87, Rei80, Sil86]. **Eigenlevel** [BD88]. **eigenstate** [BHM87]. **Eigenvalue** [CS89, DM83a, Dem86, FCO89, Kob82, Kob86, Sen80b, Sim82a]. **eigenvalues** [AMFC83, BEP87a, Cas88, ČV86, ČD87c, MW80, Rei82, Sil80, Sil86, Ská83, Swe83, TL83]. **eigenvectors** [Ská83]. **eikonal** [SM82]. **Einstein** [Gre81a, MB83]. **Einstein-like** [MB83]. **ejected** [DT81, MÖ80]. **ejection** [CJ89, MM87a, KPT88]. **Elaboration** [GCP86]. **Elastic** [Kon83, Blo83b, Chi81, GSRG80, GVB80, KS86b]. **elastin** [VU85]. **elastomeric** [LJHU89, Urr87, Urr88]. **elastomers** [UV83]. **electon** [KTS86]. **Electric** [MB85, Rér89, ST80a, ADF+88, BB87, DBD+85, FC85, HS84b, HR87, IS80, MA80b, Pac83, Rab84, RPS82, ST80b, Shi85, SMJ83, WKH80, MPPW82]. **electric-dipole** [SMJ83]. **electric-field-gradient** [ST80b]. **electric-field-induced** [HS84b]. **electric-field-variant** [ADF+88]. **Electrical** [BEP81, KKTE80, BBMP82, DDFA87, Poh82]. **electrically**

[Dem83]. **electrochemical** [GSG84]. **electrocyclic** [FEKC84, SZJS82]. **electrode** [MV87]. **electrode/liquid** [MV87]. **Electrodynamics** [Tap86, CT84, CT98, FGMM80]. **electrofusion** [PPR84]. **electrolyte** [BQS87, MV87]. **electrolytes** [Lim82]. **electromagnetic** [Lun89a]. **electromagnetism** [HM85b]. **Electron** [Ada86, BCA87, BS83a, CP80a, DSG86, DRS83, FD89a, FDA83, FBM80, Gan81a, Gas80, IL84, IS83, JMS$^+$85, KCP80, LBC$^+$87, Lar82, Lar86b, LVL$^+$85, MM87a, Mar85a, Mar86b, MR87, Nes87, Ort89, PSG83, PPMG89, PŻ85, RJ88, RJ87, Røe81b, Røe82, Røe87, SCER88, SHKM80, Sim82b, SAB$^+$80c, SDS83, Suh84a, TNY83, WBB80, Wea84, Ada80b, AN85, All87, AL80, BBH87, BMG82, BB82b, BS84, BLG85, BN80, Bec83, Bha81b, BSL$^+$80, Blo83b, Böh85, BS81b, Bor82, Bor85, Bri86, BL89b, BOW80, CLA80a, CHA87, CMM83, Cio88b, CFLM85, Csa82, Dat83, Dav81, De 83, DG83, DÖL87, EIMS88, EB87, Ess84, FPT81, FZB86, FHHHE85, FH81, FH83b, Gas81, GSM83, GSG84, GR89, GTB80, GD82b, GHGP89, Gla85, GM86b, GC84b, GC84c, GC84d, GC84e, GC85b, GSRG80, GBZ86]. **electron** [GBK86, Gus85, HF86, HR84, HS84a, HOT87b, Han88, Has82b, HS89, HS80b, HT85, Hun86, HM89b, IDK87, IPV81, II82, JMS88, JŻ85, JSS80, Jor81, KPH88, KKZ86, Kau82b, KB86, KS87a, KJMS85, Kon83, KPS87a, KEB87, LJW87, LPS83a, LCC80, LCULC87, Lar83, LBKV88, LL82a, LM86, LRZ84b, LM89, LC83b, LT89, LZ89, LC88b, MZ85, Mar86a, MR88, MÖ80, MDT85, MPP$^+$81, NH81, Nes85, New80, NMK84, NC87, Nor83, OI86, OY83, Ori82d, Ort87, Ort88, POK85, PO85, PDKC84, Pul83, RP81a, RBR80, Sad83, SD80, SKIK82, SSB83, Sch83b, SMVV86b, SMVV86a, Sen80a, SNNG86, SG89, SST84, SMJ83, SvG89, SB88, Sri86, SST83, Sto82a, Sto82b, Suc84, Suh83, TH81a, Tai89, TS80, TPČ83, TNT$^+$86, Tat81a, Tay83, Tay84, Tay86a, Tay86b, Ten86a]. **electron** [Ten88b, TP89, TPN86, TN80, TMO86, UB86, VTT81, WSD80, WJ80, Wea83, WOT89, WKJ88, ZV85, ZV86, ZW83, Živ86, Živ87c, NH81, YMO80, GVB80]. **electron-exchange** [New80]. **electron-H** [Wea83]. **Electron-hole** [IL84]. **electron-lattice** [BS84]. **electron-molecule** [All87, Blo83b, Jor81, Nor83, WJ80]. **electron-oxygen** [GSRG80]. **electron-pair** [UB86]. **electron-repulsion** [Gus85]. **electron-SF** [GVB80]. **Electron-Transfer** [SCER88, MPP$^+$81]. **electronegativities** [GBZ89]. **Electronegativity** [Loh84, Loh85, SM80]. **Electronic** [AEHM85, AYBP83, ADL78, BCB85, BS80c, CEB86, CZM83, CLA83b, DPZ80, DS82, De 80, DBS80, EZ83, ECM89, Fau85, FG82, FFF88, HBSC83, Her85, HM84, IST89, Kah84, KN80, Ker86, KPSK80, LOR84, LLAG89, MTN83, OM82c, Ori82c, PL89, PC83b, Sap80, Sch88, SNNG86, SM80, TKY89, TM81, TWL82, TH81b, Ulm81, VG80, WBM88, XHR86, YZ85, Ågr85, AGB82, AD80, ADS83, Ano87a, AL87, BZA84, BL81b, BVB88, BCD$^+$80, BDD81, BCBS81, BLV88, BC83, Bur83, CHKB83, CZ81, CPGP83, CG86, Csa86a, CLZ84, DFH84, DCF82a, DF83b, EB86, EV87, FMF80, FD89b, Fis84, FA86, FD89c, GSMRM85, GAL86, GJMLRGSA85, GT87b,

GC82b, GC83, GC84f, GBO86a, Hel82, Hil85, HC81, HG86, HL88, HS88, JP80, JD83, Kal85, KC83, KT80a, KKA80a, KKA80c]. **electronic** [KLS89, KL89, Kry82b, KWBC80, LmJQHXZ83, LKB89, LZY83, LNN84, Loh84, LS82, Luk82, Mår80, MGN82, MPBN81, MS88, Mcc83, Mez82, Mez86a, NSS86, Nec83, NPL89b, NB79, NP80, OF80, OWÖ81, PG80, Pan85, PKG86, Pan89, Pet79, PBM85, POK85, PBGT80, PBMR$^+$84, RDG84b, RDG84a, RGDF85, SP86a, SS80a, Sch81, Sch83a, SS80c, SNNO86, Sin88, ST82, SKL80, TF83a, TTS84, TPN86, TP87, Toy80, Tru83b, WCLZ86, Wal88, WJP83, WJP85, YOJ81, ZY85, dSdMB86, BDK86, Zun85, Ho81, Fro83a]. **electronically** [GC84f]. **electronique** [OF80]. **Electrons** [Str82, WS79, BW85, DT81, DRS88, JTST87, KM85, Kon83, KTS86, Mar88b, TST89, SvG89, Cal81b, Pic83a]. **electrophilic** [JL84, LY83, VŽH82]. **Electrostatic** [BCV82, FW80a, HKP81, NS82a, NSN89, Pee83, PP80, RS82, TH88, WWD88, BSZ81, BEL89, BV86, CLP82, CPZS86, Eis88, GM86c, GKAP81, HLKK82, HKLM85, HR87, HPKW81, JW86, JEW88, LCDP80, LCP81, LP81a, LPW83, LPW81, LHK81, Mez85b, NÁNSP87, NS83, PP86, RNW86, RL86, RL88, RBSR84, RSBR85, Sen85, SHKP80, SHP$^+$80, THKM81, ZLP81, ZP82]. **Electrostatics** [LN83, NS89, Ric88, FD89c, Ras88, RP89]. **electrotatic** [CLP83]. **element** [FSW87, GC84c, Gou86, Pan84, Pay82]. **elementary** [AL80, Ben82, DBL84]. **elements** [AW83, BPLB87, Boč89, BFJ81, Cha82, CMB84, DOW89, DH84, Ess82, FF80, GB85b, GC84e, GP86a, JIS87, Kau82a, KS82, Lim89, MZ85, Niu80, Pan85, Pur88, QX89, Ret86, Tay85, WP80, Wor85, Cal81a]. **Elimination** [BL81a, BBLR84]. **Ellis** [Muj86]. **Elsevier** [Ågr80, Ågr87c, Cal86a, Pic83b, Tap88]. **embedded** [EG84]. **emission** [DPZ80, GC84f, Nes85, UT80]. **emitting** [ST86b]. **Empirical** [Sen85, HH89, OMCD81, Sad85, SL87, dB84, Muj86]. **EMS** [FPDA89]. **enamines** [Yam81]. **enclosed** [FC81b, FC81c, FC81d, FC82e, Swe83]. **end** [KG80, SI89b]. **ended** [DBF89]. **endoplasmic** [SAB$^+$80c]. **endorphins** [LCP$^+$88]. **energetic** [HKK$^+$82, HKKM83, HKLM85, OPSO86, OPSO87, THKM81]. **energetical** [DBES80]. **Energetics** [LS86, Sch83a, KS86c]. **énergie** [OF80]. **Energies** [GBO86b, Hub85, Ada82, AJY80, All87, AHB$^+$80, Bec85, BF83a, BS86, Bri86, CPMP86, CMM83, Cla83a, Coo87, Das80, Das82, Del87, DS89b, DCF82a, FAC84, FC82d, Fli84, FF89, GSMRM85, Gol80, GOLC87, GY87, Gre81b, GKAP81, Has85, Has86, HČP88, Ho81, Kal86, KS85, KEIG86, Kau83, Kry82b, LCC84, Lás85, LHP80, LH87, MMM81, McD80, MMB84, Mez86b, MTO$^+$81, Mof81, Mof82, Nas83, NS82b, Ort89, PG80, Pee89, PD84b, PS80a, Pit84, PDMC82, PFLB83, PHGR88, RSG$^+$87, RBSR84, RSBR85, SAD81, SF81a, SJH89, SBWW80, TL83, XYSJ81, YOJ81, Har87]. **Energy** [Bal81a, BH89a, DIV86, GLP80, HDTR83, KG85, KG86c, KG86d, LCP$^+$88, RPS80, Sen80b, UTVP85, Ågr80, Ågr87b, ACP84, AGCT87a, AGCT87b, AT85, ADT$^+$89, AGB82, AYCD81, AM89, Ave84c, Bag83b, BZA84, BB83,

BJ87, BPT88, Bec83, BSL81, BH86, BMRJ86, BSL+80, BS83a, BP80, BPCT83, BCT86, BBL81, CEB86, CPS81, Cas85, CLVC84, CG86, CLS81, COS82, CSK87, Cio87c, CB88, Cio88b, ČD87c, CSF80, CFLM85, CSB86b, Csa81, Csa85, Csa86a, Csa87, CE88, Csa89, CZ82b, DP87, DSG86, Dea89, Don81, DC86, EB81, ES88, FPT81, FN84, FL83, FZB86, Fli86, Fra84, Fra85, FSK79, FSS+89, Fut87, GS89, GTB80, GPLP85, GA82, GCP82, GCV84, HF86, Hal88, Han88, Hel82, HZBR89, Hir80b, HMF82, HG86, HDO88, HSB88, Hub80, JS88, JŻ85]. **energy** [JJČ87, JSS80, JS86, KH86, Kat80, Kau83, KU80, KNM83, KB86, Kon83, KD80b, Kry84b, Kry84a, KPS87b, KPS88, KTS86, KEGS81, LB86, Lev89, LO81, Lim82, LÖ85a, LCD82, LY83, LN89a, LVL+85, Mar85b, MC88, MC80, Mez81a, Mez82, Mez83d, Mez86a, Mic81a, Mic83a, MHAS86, MW87, MS80b, Mül81, NHKY83, Nal80, NSS86, Nom80, NCKL81, NC84, Obc87, OF80, Ori82d, PKG86, PČP82, PPMG89, PD89, RSSS81, Ran80a, RTM81, RTM83, RMM83, RTM86, RB89, RBH+86, RVK80, RS88, SO85, SKR81, SR81, SSR+87, SB84, Sel88, ST86a, She87, SHKM80, SS86a, SHRH82, Sil82, Sla85, SB83b, SRL+83, SRHK83, SR87, SHK87a, SG85a, ST86c, Swe83, SR80, TNY86, Tay86a, Tay86b, Ten86b, Tho86a, TP80, TOK80, UB86, Umr89, Urr88, Var87, VM83, WSD80, YRS85]. **energy** [YS80a, ZY85, ZAB85, ZHB+87]. **Energy-band** [HDTR83]. **Energy-Conformational** [LCP+88]. **Energy-eigenvalue** [Sen80b]. **energy-partitioned** [Kau83]. **engineering** [CCC+89, GSS85a]. **England** [Ågr85]. **enhanced** [TW88]. **enhancement** [NS82a]. **enhancements** [ES81]. **enneagonaux** [OG86]. **enol** [PSS86]. **ensemble** [Per82, RJK83, SV85a]. **ensure** [Kau82a]. **entering** [FN83]. **enthalpy** [PL83, PL84b]. **entrapment** [GP85]. **Entropic** [Urr87, LJHU89]. **entropy** [Fra85, GB85a, LJHU89, Tac89, UV83]. **enumeration** [Ran80c]. **envelopes** [LP81a]. **environment** [NSP80, PWL89, RKHK88, RKO+89, SAD81, SRSR85]. **Environmental** [Mar81a, CG80, MFM89, PTG80]. **enzymatic** [Ben81, FG82, Jac89, LPW83, NSP80, SHH+83a]. **enzyme** [AABW80, Gas85, RN84, SS80e, TB83, VWCC82]. **enzyme-inhibitory** [AABW80]. **enzymes** [Sey81, Sok81, VB85]. **EOM** [Bak85, GY87]. **epoxidations** [CD89c]. **epoxide** [BP84]. **epoxides** [KHRK87, LPCF80, PL84a]. **equal** [GC84f, Jon81c]. **equalization** [Loh84]. **equation** [AN85, Au82, ASL88, BH86, Bot81, CP86a, ČV86, CTV80, Csa80, CT81, Csa86b, Dat85, Den83, Den85, FCO89, FCB80, FM83, Ham82, IRA87, KK86, LPS83b, Lim80, LL82b, Mar86a, Mas87b, MM80, Ori84b, RI88, SCH84, SC86a, SC87, Ská83, SV82, Tac82, Tel88, Toy80, Ulm85, VTT81, WB89, SV82]. **Equations** [STV80, AB84, BEP87b, BHM87, CSF80, Coh86a, DSB84, DL83, ERB82, HH87, IPV81, Kob82, Kre81, LPS83a, LPS83b, Mar88a, MC80, MDT86, MDT87, PS87, PP89, RB88a, Sch89, SIJ85, SF80a, SV85a, SV85b, SvG89, SC84b, Tat81b, Tru83a, Van86, FB83, SV85a, SV85b, SvG89, Van86]. **equations-of-motion** [SF80a]. **equidistant** [KKA80b]. **Equilbrium**

[DDFA87]. **equilibria** [CA86, MP87]. **Equilibrium** [DBD+85, AGCT87b, CHKB83, DKLP81, DC82a, GRP+80, KL80, KB87a, KB87b, MK83, Tho80, HM84]. **equivalence** [FF82]. **ergodography** [ZCH89]. **Ermler** [Sie83a]. **errata** [Sab80a]. **Erratum** [Ano83b, Ano86d, Ano88h, BC85a, CGT86a, Con88a, FF85a, Ish88a, KG86a, LB81, Mes81, Nal81, RM88, VU88, Vol89a]. **error** [Cas85, Fra88, LC81]. **errors** [AGCT87a]. **ESCA** [LdMH80, MPP83, PGG80]. **Escherichia** [FPDA89]. **espace** [TV83b]. **ESR** [LCCW87]. **ester** [ST88]. **estimate** [TL83]. **estimates** [PČP82, Sen84, Sen85]. **Estimating** [Har82, EB82a, EB82b, EB82c]. **Estimation** [GM81a, MASF88, RSSS81, FM86, KHNT86, LCD82, WHT86, LC81]. **estrogens** [DA81]. **etats** [TV89, TV83a, TV83b, TV84, Van85, VT85, Van86]. **ethane** [Bak85]. **ethanolamine** [ŠHH83b]. **ethers** [BNS+87, KHRK87, ÖHD89]. **ethylene** [Bak85, CLL86, CKM84, GG82b, GDX89, HSR86, JL84, LRZ84b, LR89, SS86c, SS86d, WBK86]. **ethylenes** [PH82]. **ethynyl** [SP82a]. **ETO** [WJ82, Sme84]. **étude** [TV83a, TV83b, TV84, TV89, Van85, VT85, Van86, OG86, SvG89]. **Eugene** [Mou89]. **Euler** [Bha82b]. **eupeus** [Gri81]. **eutectics** [Mat80]. **eV** [GSRG80]. **evaluate** [DFP80, DAPS81]. **evaluated** [AW83]. **evaluating** [PFBF81, Ran80d]. **Evaluation** [DA80, DFH84, GM81c, Gus85, Har83b, Jon82, Luk82, Mic81b, Ori82a, Ori82d, SF80b, BL81a, DD87a, ECM89, Gla85, GB85b, GC84c, Gou86, Gus87, HV83, HA84, JL85, JEW88, KT86, MPBN81, OS89b, Pan84, Pan85, Pul83, Ret86, RR88, SSR+87, SB87, She87, YOJ81, AØ80a, Pan83]. **even** [Big86, CHKB83]. **Evidence** [Frö83b, Ker81, SRS81, Wed81]. **evolution** [FM81, FHH+87, MS84, SM83, TV83b, Van86, Wil89]. **evolutionary** [Fox86]. **evolved** [Fox84]. **EWMO** [DL81]. **Exact** [DPR80, Has86, HL81, Jon81c, KS89a, MM87b, PD80, BHM87, HT85, Hun86, LP85, TH81a]. **Exact-exchange** [DPR80, PD80]. **exactly** [Cio87c, CF83, CL85, Has85]. **examination** [Ada64, AGCT87a, BH82, BCT86, CZ88, LC80, LLM86, SL87]. **example** [CCD+84, SBB87, Sim80, TP80]. **examples** [ACGT89, ČV88, Ela87, GDBRV87]. **Excess** [Lim82, Sto82b]. **Exchange** [ACP84, ABTP83, Kle87, Bec83, Bec85, BBMP82, Cof83, Csa88, Csa89, Das80, DPR80, GKAP81, GKP83, GCV84, Hal80, JJČ87, Jon84, Jon85, Lev89, Nag87, New80, PD80, RBL84, Shi84, UB85, VV83]. **exchange-correlation** [Bec85, Lev89, Nag87]. **exchange-energy** [Csa89]. **exchange-repulsion** [GCV84]. **Excimer** [UT80]. **exciplexes** [Hir80a]. **excitable** [LN83]. **Excitation** [GY87, Woo82, AYBP83, AJY80, BP86, DP87, Frö83b, Gan81a, GSO+87, Has86, IL84, Kal86, KCP80, LH87, LS82, MDT85, MTO+81, Nak83, NS82b, Pee89, PD84b, PD89, PSBB83, SSR+87, SB84, Shi87, Tay83, Tay84, Tay86a, Tay86b, TL83, VP84, WK85, YOJ81]. **Excitations** [BFC80, Cul88, Cul89, DL81, EIMS88, FY82, GBO86b, KMRK86, KAM85, MC89, MR81, MR80b, Nes85, PW86]. **Excited**

[BPT83, EIMS88, KK87, AM83a, AB85, AEM86, ANH81, BB85, BKP83, Bue86, CHKB83, CS80b, Cha80, CHZ82, CJ89, CKM84, DMB89, DBVMB85, DF83a, DWQ86, Flu85, Gub82, KH85, Kat83, Kau82a, KS81, LFL+81, Lip88, MGN82, MMS+86, MK80, Mül81, NH81, NB79, PP89, SMD83, SBE87, SNNO86, TOK80, Vol89b, YUKK84, BEP87a, MS84, NB79, Gos80].
excited-state [SMD83, MS84]. **Exciton**
[KBT80, ST86b, AHB+80, AH86, PS80a, SAD81, Sin86, Suh84b].
exciton-phonon [Sin86]. **excitonic** [CCS84, FK83, Lit81, Suh86]. **excitons** [AHB+80]. **exclusion** [Hub80]. **exclusion-principle-violating** [Hub80].
exemplified [FCPL84]. **EXGEM** [Røe82, Røe87]. **existence** [BD85].
existing [SM80]. **expanded** [JBW87, MT88]. **expansion** [BEO80, Cha82, ČV83a, Csa81, DVV80, DC82a, Ish84b, IBB85, IBB87, IS88, JJČ87, KS89a, KN86, Kut84, Löw83, MM87b, Mic81a, Muk86, NH81, Nak83, Nov83b, OY83, Pie82, PM86, RNW86, RL86, RLR88, SF80b, Tin80, Var87, VV83, GCP82].
expansions
[BEL89, CS80b, Cio87c, GS80, HČP88, KSGB+83, Kle86, MR81, MR80b, PČP82, Sil80, Sil86, Ten80a, TP89, Tim86, Van82, VM83, Vrs87a, Vrs87b].
Expectation [Küm83]. **experiment**
[Ågr87a, Bar85, Bel80b, DPZ80, DWQ86, LM81, Pul79, Ska84].
Experimental [Ker81, KPSS87, MP84a, PSS+87, TNT+86, Wed81, Bri86, Cal82a, Chr80a, Chr80b, CFG+83, FNPS82, FF89, MWO+84, NB79, Sin80b, TLT+84, Woo80, SCER88, SSN+84]. **experiments**
[AM87a, All87, CD89a, DD87a]. **Explaining** [Rec80]. **Explanation** [SHPK80]. **Explicit** [HM89b, HH87, KDA81, LP89, Lim89, ČVV87, GCP86, KPP85, KPP86, Mor89, Ade87]. **Explicitly** [KC82c, KC82d, TB81].
exploration [Sok81, You84]. **Exploratory** [KC82d]. **Exponential** [BVAB81, Dem83, PS80b, Wit81]. **exponential-type** [PS80b].
exponentially [Kau82b]. **expression**
[KDA81, KK82a, SM85, SV85b, SV85b]. **expressions** [AMFC83, DIV86].
Extended [AEM86, Bak85, BDK86, Del84b, DFH84, DH85, Gos82a, GPC85, HLPV83, INFU84, IQ87, KT84, MD87, May86c, MM81, RSSS81, Røe81b, Røe82, Røe87, TPČ83, Kun86, LHP80, VP84]. **extended-Hückel** [LHP80, VP84]. **Extended-Koopmans-theorem** [AEM86]. **Extension** [DL81, FC82d, Kar85, SR87, GM83, MBD84]. **extensivity** [BBO83, MJ89].
exterior [OI86, Sim80]. **External**
[NH84, KM89a, KS86c, PV89, SS85, SD88]. **externally**
[Rab84, Sad83, Sie83b]. **extracting** [Bha82b]. **extracule** [TM81].
Extrapolation [CB88, Bur83, FSW87, SBB87]. **Extraterrestrial** [You84].
extreme [Lar86a]. **eye** [Var81a]. **Eyring** [Urr82].

F [Ågr85, Che80, CH82, FD89b, KU80, Mår82, PFLB83, RDG+86, JMS+85, KEIG86, BF83a, Ish86, Ish88b, KGEP89, KG89, KU80, LFL+81, MK83, RDG+86, SJ85, STG86, YKZ+89, KG86c, SMJ83]. **face** [JA82]. **Factor**
[MH80b, MH89, Mal91, Mal02, BG81, Dem83, Fra89, Gru85, JL85, KB86,

Wol81]. **Factoring** [RBK85]. **factorization** [Moh80a, Pay82]. **Factors** [LNN84, SRH86, Che82, CFG+83, FGS85, Fri86, GR89, Gla85, HYZ89, KDA81, KAA85, LHC80, PM83, Pia83, RB88c, SPRS89, SIN80a, TT83, YRS85, YLM80, PL84a]. **FAD** [PSG83]. **Faddeev** [KM89b]. **fails** [TWW81]. **Failure** [Khu82, BH82]. **FAKE** [HTD80]. **Faraday** [DQ80, DQ81]. **fast** [JTST87, TST89]. **fatty** [DC82b]. **fcc** [Bag83b]. **FCN** [CP83a]. **Fe** [AL87, CJZ+86, DK87, GLLOB86a, GLLOB86b, GLLOB88, KO81, SK87]. **Fe-ligand** [SK87]. **Fe-porphine** [KO81]. **Fe-porphyrin** [SK87]. **features** [CZM83, DMB86, DMB89, HDFL84, Mil86]. **FeCO** [BVD81]. **Feenberg** [Bha82a]. **Feinberg** [Ish85, Har80, Ish86, Ish88b, Ish89]. **fentanyl** [CL83a]. **Fermi** [CT81, Csa81, DCF82b, BPT88, CP80a, CTV80, Csa80, Ess82, FGC84, FD89a, Ish85, Lud83, LC82b, Ols86, Ori81a, Ten86a, Ten86b, UB85, WHT86]. **Fermi-contact** [Ish85]. **fermion** [Cas88, DK81a, DK81b, Lar86a, Mat87d, MK81, Wei88]. **fermions** [SBW86]. **ferric** [WCLZ86]. **ferrocyanide** [SA86a]. **few** [LRT88, MM87b, Pul86, Ten80a]. **few-particle** [MM87b]. **Feynman** [ESS86a, FC82b, GN87, Kva82, Sil84]. **FH** [Del87, DF89, ZW83]. **Fiber** [Cho80]. **Field** [KFN80, Var85, ADF+88, ACCCBF80, AØM81, BB87, Cio89, CHB88, DG86, Den83, Den85, Eng83a, Eng83b, FCPL84, FGMM80, HS84b, HC80, HR87, IS80, Jac80, KKZ86, KS84, Khu82, KG86d, LRT88, LRZ84b, Lef83, Lib84, LLC83, MC88, MN81, MMC83, MB85, MA80b, NH84, NP81, NS83, Noa80a, Noa80b, PMCA88, Rab84, RPS82, Rér89, Rom81, RVK80, SRS81, SSSH82, ST80b, SCH84, SC86a, SC87, SL87, SP82b, SHLL83, Zhe83]. **field-induced** [MMC83]. **field-theoretic** [Eng83a, Eng83b]. **fields** [Ban82b, DS80c, FVZ+88, FC85, HCCB86, LM89, LOGC86, MR85, NÁNSP87, Pac83, Poh80, Poh84, Ran81, SH89]. **Fifth** [Cul88, Cul89, CZ88, Nec83]. **Fifth-order** [Cul88, Cul89]. **Fifty** [Coh83]. **filing** [UTVP85]. **filling** [Ten86a]. **films** [MTI80, WD81]. **filtering** [TN89]. **Fim** [Kle83]. **Final** [HM86, KS81]. **find** [Löw86e]. **Fine** [BN84, SBH+85, SBH+86]. **finely** [Pes83]. **Finite** [Kir89, MMC83, BD85, CE86, Gos82a, HČP88, HL81, IPV81, Mey88, RNW86, RS84, TP84, TNY83, TK86, PT84]. **finite-difference** [IPV81]. **Finite-field** [MMC83]. **finite-order** [TP84, PT84]. **First** [JD85, Suh84b, AEM86, BN84, Bec85, BF83a, Boč89, BST86, DBS82, FN84, GTB80, Ham82, Kau82b, Löw86d, LL85, MB84, Mül81, NC84, SSC83, Suh86, NHKY83]. **first-** [DBS82, FN84, NC84]. **first-group** [Boč89]. **first-order** [Ham82, Löw86d]. **first-row** [Bec85, BF83a, Kau82b]. **Fischer** [Cal86d]. **fit** [ZW83]. **fitted** [CFLM85]. **Fitting** [HS84a, JS88, LB86, RSST86, ST86c]. **five** [Ano87t, Löw85b, SK87]. **five-coordinate** [SK87]. **Fixed** [MT87, GBZ86]. **flavin** [TF80, TF82]. **flavins** [HOT87a, HOT87b]. **flavodoxin** [TF80]. **flavone** [TH88]. **flavones** [BLT+84]. **Fleming** [Rat87]. **flexibility** [FCPL84, KG80]. **flexible** [AM88b, OMCD81]. **Floating** [BR80, Hur82, SBE+83]. **Florida** [Fax87, Han86, WJ82]. **flow**

[Car82, SHRH82]. **Fluctuation** [Kub82]. **fluctuations** [CD83, CD85, PV89, SB88]. **Fluid** [Fis82, GD82b, MD82, Sti82]. **fluidity** [HJ80]. **fluids** [Per82]. **Fluorescence** [MTI80, CD83, Kat80, PZPL86, MGBH81]. **fluoride** [GjC86, PCA89]. **Fluorine** [CS87, RS82]. **fluorofuranose** [LMG85]. **fluorouracil** [Zie82]. **fluxes** [MD82]. **Fock** [FVZ+88, Has82c, LSP85, NS84, SP85, TL80, TL82, TL83, Wag83, AN85, AJY80, Bec83, Böh83, BANF86, CDG80b, CK82, DMB+84, DSB84, Del84b, DH85, DC87, DD87a, Den83, Den85, DPR80, Dov84, Dov86, ESS86a, Fin87, FCB80, Fuk81b, GM86a, Gol80, GA82, Hir80b, HM89a, IBB85, IBB87, IQ87, IS88, JJČ87, JSYO83, KC82a, KC82b, KC83, Kar86, KMW80, KT84, LHC80, Lás85, oLCC81, LFM89b, LÖ85b, MD87, McW83, Mes80, Mes85, MDT86, MDT87, MMC83, Noa80a, Noa80b, OJY83, Ort89, PPB87, PC83a, PCG83, Pan85, Pan89, Pau84, PABD80, PD80, PBA88, RI88, Roo80, SIJ85, STV80, SV82, SV85a, SV85b, SvG89, Tay87b, Ten88b, VVD80a, VBS85, Wag83, Yam80a, Zer89]. **Fock-Dirac** [AN85]. **Fock-matrix-based** [Roo80]. **folate** [SWA82]. **folates** [SWA82]. **folded** [LCP+88]. **folding** [SRC84]. **folds** [SRDG85]. **followed** [CMM83]. **FOOF** [CS87]. **forbidden** [GC84f, Min80]. **Force** [NHKY83, CHB88, FVZ+88, HCCB86, Kog84, LJHU89, MBSC81, MA80b, Sel86a, Sel86b, SL87, SS89a, Tho80, Urr87, WHT86]. **forced** [SMJ83]. **forces** [HFSB86, Ish83, Ish84a, MTLL82, Obc87, Tha83]. **form** [ČVV87, Fri86, Gla85, McW88]. **formaldehyde** [DF86, GDX89, SS86c, SS86d]. **formalism** [Böh84, DR84, DS88, DQT80, Ess84, FF80, KL87, PM84b, Tim86, Wor85]. **Formalisms** [New80, KS81]. **formamide** [DDFA87, OL80, WHT86]. **Formation** [BW85, BBL81, CLL86, Emi83, Eng83a, Eng83b, Kun86, LWZ88, LGL+84, MGBH81, OLB+82, Par84, PK88, SBE87, Sey80, TF83b, Wil89]. **formhydroxamic** [HM84]. **formic** [DDFA87, MR85, OLB+82, PMCA88, ŠHH83b, WHT86]. **forms** [Bli80, BCD+80, CLP82, FD89a, HPKW81, LWZ88, POT80, YLM80, Zie82]. **formula** [BL81a, KKTE80, Pau89a, Sil86]. **Formulas** [Jon84, Avr82, FC82b, GS80, Jon80, Jon81b, Jon81a, Jon81c, Jon83, Jon85, Jon86, Lim89, LL82b, PSM87, Sin88, Ish83]. **formulated** [Löw82b]. **Formulation** [RC80b, AZY84, Bel80a, BS81b, BVAB81, Gre80, Kel86, Mar88a, Mat87d, Mez84b, MP84b, PM84b, Pul83, Roo80, RM84, Tin80]. **formulations** [GF83]. **Forssman** [YL83]. **forward** [Kon83]. **FOTOS** [NT80]. **Foundations** [Suc84, DBS80]. **Four** [Kry84a, CC84b, EB82b, Jon86, Khu82, LCULC87, MBKH83, Niu84a, GKMV80]. **four-body** [CC84b]. **four-center** [Jon86, GKMV80]. **Four-dimensional** [Kry84a, Khu82, Niu84a]. **four-electron** [LCULC87]. **Fourier** [GKMV80, MPP83, Niu84a, Niu84b]. **Fourier-transform** [GKMV80]. **Fourth** [CZ82a, KU80, Wil80b, CZ82b, MPD87, Nec83, Ort88, Ort89, PHGR88, Vas82]. **Fourth-Order** [CZ82a, KU80, Wil80b, MPD87, Ort89]. **FPT** [FC80a].

Fractal [Fin89]. **fraction** [SS80b]. **fractional** [FW80b]. **fractions** [ČV83a, Mas87b]. **Fraga** [Ågr80]. **fragment** [GSC89, GG81, GG83, SS82, SC80b]. **fragmentation** [RGW88]. **fragments** [BVAB81, GG81, Hib81, Kle83, KKD80, LM82b, NÁNSP87, Ott86, SFC86, SC80b]. **fragments-in-molecules** [Kle83]. **frame** [DM85, FGM87, Wea83]. **frame-transformation** [Wea83]. **frames** [KST84]. **framework** [BB82a, Böh82, DP81, GCP82, GC83, KC83, Kry82a, LW82, LW84a, LW84b, LWK84, RM84]. **Franck** [HYZ89, Kat80, KDA81, PM83, PS88, SPRS89]. **Frank** [HYZ89]. **Free** [BMRJ86, GSMSG82, MN81, Obc87, Urr88, BD88, Bec89, CSK87, DRS88, GMP$^+$84a, Gas86a, Lim82, LN89a, Mat87b, Mat87c, Mat87d, MSV89, McW88, RSD82, Sen84, SST83, SAB$^+$80c]. **freedom** [HL88]. **freeon** [Mat87a, Mat87c]. **French** [OF80, OG86, SV82, SV85a, SV85b, SvG89, TV83a, TV83b, TV84, TV89, Van85, VT85, Van86]. **Frenkel** [AH86, SAD81]. **frequencies** [Blo89, CHB88, DVV80, FVZ$^+$88, MHAS86, PSK$^+$81, SSR$^+$87, SZR80, ZV85]. **Frequency** [HS84b, SHS84, ESCC85, GY87, MB85]. **Frequency-dependent** [SHS84]. **Frictionally** [SCH84]. **Frozen** [PD84b, LP87]. **frozen-core** [LP87]. **FSGO** [PL80]. **fuel** [PSG83]. **full** [AGCT87b, Bur83, Has82a, LER87, PPB87, PB82]. **Fully** [RI88, DD87a, HO85b, LPS83a, LPS83b, LSP85]. **fulminic** [SA86b]. **function** [AL80, Bha80, Böh82, BEP81, Bri87, CHA87, Chu88, Cla83a, DS80a, Dem83, DS88, DA81, FC84, Fra84, FH81, FH83b, GD82a, Gas85, GLLOB86b, Gri81, GBZ86, GBK86, Gru85, Hel82, HSB88, Hun80, IRP81, IO89, Jon84, JBW87, KR81, Kau82b, KMW80, KK82a, KPS87a, Leu83, Löw86d, Mic83a, MKW85, NH81, Nak83, OMCD81, OY83, Ori84b, PAFW84, Pau84, PKH$^+$81, SS80a, SSR$^+$87, See84, SL86, SDBDSMG86, SM87a, Tay81, UI80, UB86, Urr87, VM81, Win83]. **functional** [BPT88, Bec89, BK84a, Cio87b, CL85, Csa81, Csa85, Csa86a, Csa87, Csa89, Don81, FAC84, GV88, Har83a, JMD88, KL87, KGO89, Kry84a, KPS87a, KPS87b, KPS88, KWM86, LP82, Lev89, LÖ85a, LCG82a, LM82b, Mat82, Mez82, MS80a, Min87, Mor89, NDBE82, Per85, Per86, PSK86, Sav88, SL86, Smi89, Tac87, Tac88, Tac89, VCG86, VBS85, ZAB85]. **functionals** [CSF80, Csa89, KN86, LP85, Lie83, Sha85]. **functioning** [KPTG88, KPT88]. **functions** [AØ80b, Ave86, ALH86, Bli84, Boč89, BVC80, CFS86, CFS87, CG80, CP80a, DG86, DM83b, Dea89, DD87a, EI81, ESKG83, EN87, Eng83a, Eng83b, FC82c, Fra88, GM86a, GHGP89, GB85b, GBW88, GBW89, GJ83, Gos82a, Gre81b, GA82, HKP81, Has82a, Has82b, Has82c, Hib81, HČ83, Hun81, Hur82, ITKD80, IS88, JD83, JD85, JSSS80, JSSS82, JSYO83, Kah84, KPM83, Kau83, KT88, Kry84b, Lás85, Lib84, LPW81, Luk82, LLC83, MM82, MMN87, MZ85, Mar88c, Mat81b, May86a, MM87b, Mic81a, Mic85, Mic86, MT88, Moh80b, Moh80a, Mor88, MMC83, Niu80, Obc87, PB82, Pan82a, Pan82b, Pan83, Pan84, Pos83, RBL84, RDH84, Rut81, Sad89, SPÖ89, SM85, SIJ85, SD86, She87, Ská83, Sla85, SRL$^+$83, SP85, SM87b, Ten80a, Ten80b, TB81, TTRL88].

functions [VM83, WP80, Wor85]. **Fundamental** [Mar81a, Cia81a, PTG80]. **Further** [FC80b, RR88, SHL82, Hal88, DMB+84, DMB89, FC82e, ZNS80]. **fused** [EB82b, Kin86, LK87].

G [Ågr88, Cal82a, Cal86a, Cal86d, Kum87, Tap88, Wol81, SRSR85]. **Ga** [CE86, CE87, CE88, GOLC87, LOGC86, CE86, CE87, CE88]. **GaAs** [CE86, CE87, CE88, BW85, CB82, CE88, GOLC87, LOGC86, SF89]. **GaAs-A** [LOGC86]. **GaAs-Al** [GOLC87]. **GaAs-Ga** [CE86]. **GABA** [AIJW82, BL81c, BVDA88, GM86c, LG84, PK88]. **GABA-A** [BVDA88]. **GABA-transaminase** [AIJW82]. **GAGP** [KE82]. **gallium** [PPB87, RZWL80]. **Galois** [HH87]. **Gap** [SC84b, Per85, Per86, VVD80b]. **gaps** [ABTP83, LK87, LH87]. **Gas** [BBLR84, Sie81, Bec83, CC84a, CADL86, Fla80, Han88, KKA+84, KS87b, Ori82d, Set79, SS81b]. **GaSb** [BF81]. **gaseous** [GLB81, Wój86a, Wój86b]. **gases** [TSA86]. **Gaston** [Fro83a]. **gating** [LN83]. **gauge** [BYBZB83, SG87]. **gauge-variational** [SG87]. **Gaussian** [Ågr87c, AN85, ABCV86, Bag83b, BR80, BYBZB83, CFS86, CFS87, DPC82, GHGP89, GM81c, Har83a, IBB85, IBB87, IQ87, IS88, MT88, Niu80, PDMC80, PDC80, PDC81a, PDC81b, PKC85, RFST85, RC80b, STH80, TH80, Ten80a, Ten80b]. **Gaussian-type** [IS88, STH80, TH80]. **Gaussians** [KC82c, KC82d, RL88, TB81]. **Ge** [SNNG86]. **Gegenbauer** [Wea84, Wea88]. **Gelboin** [Mar81a]. **Gel'fand** [HR83, LP89, Mat81a]. **Gell** [DS88]. **Gell-Mann** [DS88]. **geminal** [EÖWZ84, ESS86a, Gos82a, KE82, Røe81b, Røe82, Røe87, SPÖ89, WK85]. **geminals** [DP81, JJZ+88a, JJZ+88b, Lar86a, OT80, Røe81a]. **gene** [FPDA89]. **General** [DÖ89, Kag83, Mil86, Özk84, Wei82, BR85, Chr89, CCC+89, Cof83, GP86a, Gou86, JS88, Kau81, Kim81, Lan84, Mez84b, Muk86, SM85, TV83a, BVAB81, DR84, DQT80, Ess84]. **générales** [TV83a]. **Generalization** [RM82, Cho80, Kut80, Wea88, ZNS80, SC80b]. **Generalized** [Ade87, Bha82b, FM80, GN87, Gol80, KPP85, KPP86, MPBN81, Mor83, OFB81, PM86, SBNK89, Sil84, YKZ+89, Bal82d, BFC80, BC84, BC85a, BC85b, CB88, Cio88a, FF82, HF86, KEB87, KE82, Lar83, MPP83, NP80, Rut81, SWM82]. **generated** [Gru85, HKP81, Jon80, Jon81b, Jon81a, Jon83, Jon85, Jon86, Kau81]. **Generating** [SM87b, KPM83]. **Generation** [KH85, LER87, Rut81, Sie81, Ada81, AM83a, CMB84, FSP87, GHGP89, HS84b, KSJT83, LRT88, ML81, MB80a, RB86, Set79]. **Generator** [BLV88, KRT83, DL83, DLVÖ84, Mat84, Mat87b, MT88]. **generator-state** [Mat87b]. **generators** [Duc85]. **Genetic** [FM80, FF84, Bed84, FF82, JKL85]. **genomic** [Fin89]. **genotoxic** [MFM89]. **geometric** [HG86, RB86]. **Geometrical** [She87, SJ84, LRT88, PBMR+84, SB87, SB88, JS86, Ågr87b]. **Geometrie** [Van85]. **Geometries** [BDP+81, HOT87a, HOT87b, Mil86, PDMC82, MG83]. **Geometry** [CH86, FM81, JMD88, WH87, BSZ81, BP80, CHKB83, DBD+85, DDFA87, HOT87a, HGPF89, HM84, JM81, Mez83d, ÖHD89, PG80, Sey83b, SJRP88,

SKS83, SS86b, Tho80, Van85]. **Gerloch** [Nat86]. **Ghost** [LC81]. **Giuseppe** [Fro83a]. **given** [Cio89, MM80]. **glassy** [BMMS81]. **Global** [Sto80, DR88, Mez86a, RTM81, RTM83, RMM83, RTM86, Tho86a, YG87]. **globes** [Mez86b]. **globular** [CGG81]. **glow** [Tat81a]. **Glucocorticoids** [KMKC88]. **glucosamine** [Yad83]. **glutathione** [LLM86]. **gly** [CBV85]. **gly-pro-R** [CBV85]. **gly-R** [CBV85]. **glycine** [Bur85, LGL$^+$84, OLB$^+$82, RTM83]. **glycosides** [TK83]. **glycylcarbonyl** [Tew87]. **glyoxal** [OL80, TWW81]. **glyoxalase** [BBAT82, BLT$^+$84, BLY$^+$86, TB83]. **glyoxalase-I** [TB83]. **Goldman** [Gee89]. **Goldstone** [Kva82]. **good** [Ran80d]. **Gordan** [Alt89, Her84, Kib83]. **governing** [LNN84]. **Gradient** [VV83, Csa81, DMB89, Hel82, IS80, KN86, MA80b, Pul83, ST80b, PDC81b]. **gradients** [ALB84, PC86, SSR$^+$87]. **Graham** [Rat87]. **gramicidin** [UVP$^+$81, UTVP85, VARPU84]. **grand** [Buf82, Per82]. **Graph** [Kin86, RW80a, Ran81, Zho88, BBR82, Cio88a, EB82a, EB82b, EB82c, Gro85, GDR85, GS80, Kia81, Kle86, KT80b, KN86, KJT85, MBT80, Ori82d, RZ86, RSNT88, ST83, TKR86, VV87, Wen86]. **graph-theoretic** [Kle86]. **Graph-theoretical** [RW80a, EB82a, EB82b, EB82c, RSNT88]. **Graphical** [KS86a, Ran80c, Was89, DK82b, KT86, LSBS81]. **graphics** [Bri84, RP89]. **graphite** [DPR80, LL86, NOMK80, TR82]. **graphs** [Bal82c, BBR82, Flu84, Löw85a, Muk84, Ojh89, Ran80b, RK82, RD84]. **Grassmann** [Gru85]. **gravitational** [Rec80]. **gravity** [ST80a]. **greater** [DK82a]. **Greece** [Kel78, NB79]. **green** [KKTE80, Bli84, Böh82, Bri87, EI81, EN87, HSB88, IRP81, MMN87, See84, UI80, Win83]. **Green's** [Cla83a]. **Green's-function-type** [Cla83a]. **grids** [IAAA89]. **Griffin** [MDT86, MDT87]. **groove** [KMRK86]. **Ground** [AL87, EHK83, KS85, AM83a, AEM86, ACP84, Bec82, BH86, Bha80, BSR80, CK82, CHKB83, CV85, ČV86, DF83a, ESKG83, HČP88, HLR80, Ho81, HT85, JJZ$^+$88a, JSS80, JSSS80, KC82a, KAD81, Kat83, Kau82a, KS89a, KEGS81, Lar86a, LFL$^+$81, LC88a, Lip88, MG83, RBH$^+$86, TH81a, Tay81, Tay86a, Tay86b, Ten88b, Toy88, Yam82, Živ86, Živ87c, TS81]. **Ground-state** [EHK83, KS85, ACP84, BSR80, CV85, HČP88, HLR80, RBH$^+$86, Tay86b]. **Group** [Kva82, Mez85b, Mez87a, Abd80a, ACCYCC80, BDP$^+$81, BD85, BS82b, Boč89, BS81b, Cal86b, CNK87, DH84, Don79, DK82b, Duc85, FS80, GCP87, GC84b, GC84c, GC84d, GC84e, GC85b, GP86a, Gou86, GC87, GRBP87, Her84, HDO88, HL80, Kat89, KAH80, KS82, KS84, KS86a, LZ89, LP89, LSBS81, LHP80, Loh84, Luk81, Mat87a, Mat87d, Mez85a, Mez85c, MP84b, Nec83, Pay82, PM84b, Qia83, RSD82, Ret86, SS80d, SG89, Tai89, Wei82, WP80, Zhe83]. **group-IV** [LHP80]. **Groups** [Flu84, Alt86, Alt05, Bal82c, BR82, FW80a, FW80b, FS80, Kib83, KAA85, Kry82a, Mey88, SHLL83, Rös87]. **growing** [Poh80]. **GTO** [Har83b, MPP83]. **guanidine** [MTWO83, SSS81]. **guanidines** [SSS81]. **guanidinium** [SR84b]. **Guanine** [SJ86, FS87, Gre82, GP85, HB82, PSS86, SS85]. **guanosine** [Gre82]. **guanylhistamine** [MTWO83]. **Guessing** [Eri89]. **guide** [HS89].

GVB [CHKB83]. **Györgyi** [Fox87, Lad87].

H [Ågr82, BLR81, BDK86, Bow86, CEB86, CF81b, Dat82, DBS82, DSB84, Dun80, ES81, GT86, GLLOB86a, GLLOB86b, GLLOB88, GBO86a, KU80, Kog84, KBT80, KM89b, LS86, LB83, LWZ88, LH85, Mar81a, Mou89, PZ84, SOS84a, SJ85, Sch80a, Sch81, Sch83a, SBB87, SHP$^+$80, SS87, TST89, VŻH82, YKZ$^+$89, JY81, AM82, BNK86, BD81, Bow86, CS80b, CD89a, CS83c, Con87, CP85b, DPC82, DBS82, DF89, DLVÖ84, DYD89, DWQ86, EY82, ES81, ESCC85, GT86, GT87a, GA82, Gub82, HKV85, HDFL84, Ing80, Ish86, Ish88b, INO88, JŻ85, JRK84, KH85, Kog84, KTS86, KM89b, LPS83b, LB86, LGL$^+$84, MTWO83, NPL89a, NT80, Nov83a, NP80, PMOW89, PR83, PDMC82, PDKC84, Rér89, RBL84, RI88, RKHK88, RKO$^+$89, SJ88, SS84a, SS85, SBE87, SD88, SG81a]. **H** [SS87, TL80, Vog86, Wea83, Wój86a, Wój86b, YKZ$^+$89, ZJŻ88, CPS81, Con87]. **H-bond** [SS85]. **H-bonded** [SD88]. **H-bonding** [SS84a]. **H-chemical** [Vog86]. **half** [DL82, Gir86]. **half-collision** [Gir86]. **halide** [KS87b, PGM80]. **halide-amine** [KS87b]. **halides** [BP80, DF86, EIKG$^+$88, KEIG86]. **Hall** [CP80b, Ten88a]. **haloacetic** [CAML87]. **Halogenated** [PL84a, LL85, LLM86, RS82]. **HAM** [ÅFL81, Tak86]. **HAM/3** [Tak86]. **Hamiltonian** [AW83, BB82b, BG88, Bha81b, BK82, Böh82, CMB84, CA80, FWS$^+$85, FN83, GMM84, GF83, GHF84, Has82a, HL88, HS88, Ish84b, Kat83, KL89, Kva83, Lim89, May83, Tus86]. **Hamiltonians** [GC84e, KSGB$^+$83, Löw82a, PL89, RS84, RB88a, SMMM87, Wes81, AČP82a]. **Handbook** [PKC85, Ågr87c]. **handed** [JY81, Vol88]. **handedness** [SW81]. **handling** [OY83]. **hard** [HHT82]. **hardness** [GBZ89, NKZ88]. **hardware** [SMS84]. **Harmonic** [PM83, AMFC83, AL86, Blo89, Bri87, DÖ89, FVZ$^+$88, HS84b, MB80a, MPB84, MPS86, Özk84, PSM87, PD83, SSR$^+$87, SV82, TS82, Wes82, CF81a, GC84f]. **harmonically** [PD83]. **harmonics** [AW82, AØC82, KK82a, LE80, Niu84a]. **harmonique** [SV82]. **Harriman** [Ish85]. **Hartree** [Has82c, PC83a, PCG83, Pau84, AN85, AJY80, Bec83, Böh83, BANF86, CK82, DSB84, Del84b, DH85, DC87, DD87a, Den83, Den85, DPR80, Dov84, Dov86, FVZ$^+$88, Fin87, FCB80, Fuk81b, GM86a, Gol80, GA82, Hir80b, HM89a, JJČ87, JSYO83, KC82a, KC82b, KC83, Kar86, KT84, LSP85, LHC80, Lás85, LJ82, Lim87, oLCC81, LFM89b, LÖ85b, McW83, Mes80, Mes85, MDT86, MDT87, MMC83, NS84, Noa80a, Noa80b, OJY83, Ort89, PPB87, Pau89b, PABD80, PD80, PBA88, RI88, STV80, SV82, SV85a, SV85b, SvG89, SP85, Tay87b, Ten88b, TL80, TL82, TL83, VVD80a, VBS85, Wag83, Yam80a, Zer89]. **Hartree-Slater** [Gol80]. **Hasbrouck** [Wil81]. **having** [EB82b, Kin86]. **HC** [LC88b]. **HCl** [KS89b, SBWW80, Wój86a, Yar87]. **HCN** [Cha88, COS82, CP80a, TTRL88]. **HCOOH** [SD88]. **HD** [GT87a, ESCC85]. **HDMN** [ST82]. **HDO** [Shi87]. **headpiece** [KRMK86]. **Heats** [Živ83, GTB80]. **Heavy** [SBW86, BDK86, Das80, Dur86, Gás86b, HBC86, Köh89, Mar85b, MMM81, Min80]. **heavy-atom** [Min80]. **heavy-ion** [Köh89].

heavy-metal [BDK86]. **heavy-molecule** [Gás86b]. **HeH** [LPS83b]. **HeHe** [JJČ87]. **height** [RBL84, SS86c, SS86d]. **Heisenberg** [KSGB+83, LL82b, SMMM87]. **held** [ADL78, Kel78, NB79, Pul79, PTG80, WJ82]. **helical** [Bal81a, ITKD80, JY81, UV83, VPK80]. **helices** [GSS85b, Ott86, PABD80, SW81, SSYR87]. **helium** [BB81a, DS80a, DM83b, Dea89, DS81c, Flu85, Har87, HT85, IST89, JSSS80, KWJ83, LCLC88, Lás85, SB83a, TH81a]. **helium-trapped** [IST89]. **heliumlike** [DS81c]. **helix** [BST86, CLP83, CFC83, KBR83, LCDP80, MT85, Sar82, Vol88, vDTBN80]. **Hellmann** [FC82b, GN87, Sil84]. **heme** [LCCW87]. **hemoglobin** [SG81a]. **Henry** [Ågr85, Urr82]. **heptamer** [BFOP83]. **Herbert** [Sme84]. **Hermitean** [Röm83]. **Hermitian** [ACH83, CA80, Kva83, RSMM86, SLT84a, SLT84b, ZS86]. **Herndon** [KS89a]. **hero** [Fra89]. **hetero** [AEHNEA85]. **hetero-atoms** [AEHNEA85]. **heteroatoms** [TIS+88]. **heterobicyclic** [Gre87]. **heteroboranes** [TL86]. **heteroconjugated** [LK87]. **heterocycles** [AEHNEA85, DA80, HPKW81, KKA+83]. **heterocyclic** [PBKB89]. **heterogeneous** [RN84, Sim86, Sla83a, Sla84]. **heteronuclear** [PM86]. **heterostructures** [GOLC87]. **hexachloroiridates** [CPGP83]. **hexagonal** [DPR80, MB89]. **hexanitride** [TWL82]. **HF** [INFU84, DG85, GLB81, HKV85, Hil81a, KU80, KTS86, MMC83, RSMM86, SJ88, SNNG86, SG89, VŻH82, YKZ+89]. **HgTe** [HLPV83]. **Hierarchy** [Coh86a]. **Higgins** [BR82]. **High** [CKK86, Fle81, Moh80b, Moh80a, YGK+89, Csa80, Csa82, FZB86, Gee89, Gol88, GBW88, HZL84, KB86, Kon83, KTS86, LSW89, LRT88, McM86, Pac82, Sch88, SHKM80, SS88, ZV85, Kel78, Dun80]. **High-affinity** [YGK+89]. **high-energy** [FZB86, Kon83, KTS86, SHKM80]. **High-resolution** [CKK86, Gee89, Gol88]. **high-salt** [Pac82]. **High-temperature** [Fle81]. **Higher** [Bry80, Bha82a, OJY83, Toy88, Avr82, GG82a]. **higher-order** [Bha82a, OJY83]. **Highly** [DL83, BCBS81, DBVMB85, Ker86, SBE87, YUKK84]. **Hijmans** [RM82]. **Hilbert** [Nag82a]. **Hill** [MDT86, MDT87]. **Hiller** [Har80, Ish85, Ish86, Ish88b, Ish89]. **Hinchliffe** [Cal88]. **Hindered** [BTC+83]. **His-64asp-32** [NSP80]. **histamine** [MTWO83, PMOW89, RMM83]. **histamines** [XYSJ81]. **histidine** [MSM81]. **historic** [Löw85b]. **HLi** [ZCH89]. **HMX** [HKK+82]. **HNO** [CHKB83, Nom80]. **HNSi** [SRP81]. **Hoffmann** [CD89c]. **Hohenberg** [Kel86, Kry80, LP82, LM82b]. **Hole** [BBH87, Ågr83, BB85, CF83, CL86, DL81, GBK86, IL84, KD80a, Lar83, LC82b, Mat81a, NMK84, Odd82, Sto82a, UB85, Wor85, Živ88]. **hole-particle** [Wor85]. **holes** [CR81, CP80a, CP83a]. **Holland** [Dun80, Mic87, Sme84]. **HOMO** [EIMS88]. **homoallylic** [MR80c]. **Homogeneity** [Kry82b]. **homogeneous** [Han88, Ori82d]. **homology** [SRDG85]. **homonuclear**

[PD84a, PPMG89, SM85, WS80b]. **homopolar** [Has86]. **Homotetrahedryl** [Ran80b]. **homotopy** [Mez83c]. **hormone** [RTM86]. **hormones** [KMKC88, VT82]. **Horwitz** [Gre81a]. **Horwood** [Muj86]. **Howery** [Wol81]. **HP** [BB85]. **HS** [TL80]. **HSO** [KKTE80]. **HT/LSD** [RWOT81]. **Hubbard** [FN83, Has85, Has86, HČP88, KAM85]. **hückel** [BV80, BDK86, Cio88b, HLPV83, KT86, KSSH85, LHP80, MM81, VP84]. **Hückel-** [KSSH85]. **Human** [And87, KR81, Löw84, Sey81, SG81a]. **humidities** [CC82b]. **Hund** [Bon81, BC83, WBB80]. **Hunting** [BL81b]. **Hurley** [Ano87s, Buc89, Mas87a]. **Husimi** [CHA87]. **hybrid** [Gus87, Her83, Jon81a, PM81, RW80b, RW81, Yan85, ZLH87]. **hybridization** [KGB87]. **Hydrated** [RT87, LN89b, MP84a, Nov83a]. **Hydration** [CFC83, LG84, Bar81, BEP81, CGG81, HRL88, HPKW81, LL89, MMB84, Ras88, Sok81, SSC83, TK83]. **hydride** [CPN89, Ver80]. **hydrides** [EB86, LFM89a, ST86a]. **hydrocarbon** [CPMP86, Che82, HJ80, PL84a, RN86, SL87, Ver80]. **hydrocarbons** [Cio87d, ČPV81, EB81, EB82c, EBEE87, GMM84, GBO86b, Has82b, KSJT83, LSH88, PDMC80, PDC80, PBMR$^+$84, Ran80a, RSG$^+$87, SVS81, Sey83b, Sey83c, SF80a, Sin88, Vog86]. **hydrodynamic** [SIN80a]. **Hydrogen** [BASB86, BLOW89, DAL89, JM81, KBS81, Nov83b, PG89, ACP84, AC85, AGCT87a, AGCT87b, ABD$^+$80b, ADF$^+$88, AMFC83, Aus84, ALH86, BBLR84, BP84, BBMP82, Bes88, BR80, Blo89, CPN89, CLS81, CV85, CF81b, Cze87, DK87, Del87, Del88, DS89b, DF86, DDFA87, FC80a, FC81a, FC85, FF85a, FF85b, FS86c, FDA83, FDAC89, GSR83, GP86b, GCP82, GMV83, Hur82, IHI80, IS80, KAH80, KD86, KS87b, Lal81, LCCB81, LS82, LP80, MGN82, MMS$^+$86, Mil86, MS80a, MC89, MH82, MB80a, MB82, Nov83a, PMCA88, PP81, PGPRN86, RSBR85, RS82, RLH86, SRS81, SFC86, Sch80a, Sch81, SD86, SIN80a, Sil82, SS86c, SS86d, TF83b, TT83, TNB86, TTRL88, UI80, Vrs87a, Vrs87b, WOT89, WD81, YS80a, ddF86, CCD$^+$84]. **hydrogen-bonded** [DDFA87, GCP82, IHI80, LP80, MC89, RSBR85, Sch80a, Sch81]. **Hydrogen-bonding** [JM81]. **hydrogen-bridged** [BR80]. **Hydrogen-like** [Nov83b, ALH86]. **Hydrogenic** [BVC80, AČP82a, BPT88, CB83, CE88, Tay81, Ten80a, Ten80b]. **hydrogenic-type** [AČP82a]. **hydrogenlike** [Ave86]. **hydroloysis** [ST88]. **hydrolysis** [SRC84]. **hydrolytic** [BLR83]. **Hydrophile** [GRP$^+$80]. **hydrophobe** [GRP$^+$80]. **Hydrophobic** [DS89a, YVK$^+$80, BMRJ86]. **hydrophobicity** [LSH88, SJH89]. **hydroxy** [BCD$^+$80, KŠHH83, Sch82, SK81]. **hydroxy-2-aminotetralins** [KŠHH83]. **hydroxyacetone** [KAH80]. **hydroxycytosine** [PKP$^+$81]. **Hydroxydimethylnitrosamine** [ST82]. **hydroxyl** [BDP$^+$81]. **hydroxylase** [Che82]. **hydroxylazoaromatic** [FZZ87]. **hydroxytautomeric** [Zie82]. **hydroxytryptamine** [MWO$^+$84]. **hydroxyuracil** [SZR80]. **Hylleraas** [Ho81, LCULC87, LC82a]. **hyper** [RDG84a]. **hypercylindrical** [SB89]. **hyperfine** [BN84, KGEP89, KG89, LCCW87, SS86b, SL80].

hypergeometric [Niu80]. **Hyperpolarizability** [GD89]. **hyperpolarizabilty** [SV85b]. **hypersensitive** [SMJ83]. **Hyperspherical** [Mez84c, NPL89a, AW82, AW83, ACDLH84, AZY84, ALH86, LÖ85a, LV87]. **hypersurface** [JŻ85, Mez81a, NHKY83]. **hypersurfaces** [Mez86a]. **hypersusceptibilities** [GMOBA80]. **hyperthermal** [VM81]. **Hyperviral** [FC82d]. **Hypervirial** [FC81b, FC81c, FC81d, FC83, FC82e, MPS86, ZHB+87, CF81a, FC80b, Swe82, TS82]. **hypervirial-scaling** [FC80b]. **Hypevirial** [Sch80b]. **hyponitrous** [BMB87]. **hypothesis** [DBES80]. **hysteresis** [BB83].

I-102 [BV86]. **Ian** [Muj86]. **ice** [Kry86]. **ICQC** [Löw89]. **Ideal** [Var85]. **idempotency** [CFG+83]. **identical** [KPP85, KPP86]. **identification** [BNS+87, KSJT83, SMKT86, LCP+88]. **identifications** [Dia86]. **identities** [Ish86, Ish88b, KPP85, KPP86, LE80]. **identity** [Har80, Ish85, Ish89]. **IGLO** [FGM87]. **ignition** [Bar86]. **II** [AAW82b, Böh84, EIMS87, GLLOB86b, RB88b, RGDF85, SRC84, VG80, AEHM85, AN85, Ano85c, Bal81a, BLR81, BEP87b, BL81c, BP80, Boč88a, BDK86, BVAB81, CK82, CD83, CR81, Cio89, CA86, CAML87, DDP81b, DPR80, DQ80, DK81b, EB82b, Eng83a, Faz87, FN84, FC81c, Fra85, Gan81a, GPLP85, GBW88, GC84d, GC85b, Gou86, GKMV80, GC82b, HOT87b, Har87, HKK+82, HO85b, Hil81b, Hil85, Ish83, KC82d, KPM83, KHRK87, Kle83, KT80b, KD80b, KPT88, KPS87a, Kun86, LPS83b, LCULC87, Lar83, LHKK82, LW84a, LHP80, MMC83, MRJ85b, Niu84b, Noa80b, ÖL83, PCG83, Pan82b, Pan89, PDC80, PDKC84, PNA88, Pyy93, RDG84a, RT85, RDH84, RKO+89, SOS84a, SS85, SCH84, Sey83c, Sil80, STS83, SRL+83, SMHK89, Sto82b, SLT81, Tay86a]. **II** [Tay86b, TV83b, WS82, WJP85, WS80b, YVK+80, Cal89a, Fro88b]. **III** [MK80, BSZ81, Boč88b, CPGP83, CA80, DS88, DQ81, EB82c, Eng83b, FC81a, Fau85, Faz87, FC81d, Fuk83, GBW89, GC84e, GC85b, GC83, HKKM83, Hil81c, Kib83, KG85, KPS87b, KPS88, LÖ85b, Pan83, PP83, PDC81a, Pyy00, Ran80b, RGDF85, SOS84b, SC80a, SIN80a, SMJ83, SV85a, TV84, TK86, WKH80, WP80, ZJŻ88]. **Illustration** [FDAC89, PD80]. **Illustrative** [Wes82]. **images** [And87]. **imaginary** [Rei82, Sil82]. **ImH** [vDTBN80]. **imidazole** [BKS87]. **imine** [OYN80]. **Iminosilicon** [SRP81]. **immobilized** [PSG83]. **immunologically** [YL83]. **Impact** [PS81, DSG86, Gan81a, Lad87, Lar83, MM87a]. **implantation** [RZWL80]. **Implementation** [FSW87, HV83, Jon84, LSBS81, New80, OS89a]. **Implications** [BCV81, Con88b, Fin85, LOBS86, PT89b, SS81b, TW88]. **Importance** [GKP83, Laf81, EB82a, EB82b, EB82c, JN88, SS86c, SS86d, See81]. **important** [SR81]. **Improved** [BL81a, Ho81, LO81, MS89, QX89, SRHK83, TS80, GM86a, GM81b, KK86, Kau82a, OY83]. **Improvement** [OK80, Mar88c]. **impulse** [Lar83]. **impure** [CB83]. **Impurities** [EGP86, CADL86, ESCC85, Faz87, MF87, SF89, ST86b]. **impurity** [Ada80b, Ada86, Fer88, PC83b, ST80a, ST80b, See84]. **impurity-doped**

[ST80a, ST80b]. **Imre** [Ågr87c]. **in-plane** [LOGC86]. **inactivation** [SG81b]. **inadequacies** [dB84]. **Incidence** [CPGP83]. **included** [CC84b]. **including** [Cla83a, CG80, GjC86, GCP86, HF86, HKKM83, JŻ85, Mey88, MFM89, Nov83a, SSB83, SSF$^+$84]. **Inclusion** [Boč87, Boč88a, Boč88b, Boč89, FC80a, FC81a, Toy88, Yar82]. **incoherent** [KB86]. **incommensurate** [MB89]. **Incomplete** [McD80]. **incorporation** [Bec81, KBR83]. **increasing** [FGS85]. **Independent** [Živ87b, Ess86b, Lim86, Mey88, Mor88]. **index** [Kin89, MB80a]. **indexing** [DRS88]. **indicator** [Dea89]. **indicators** [Low82d]. **indices** [Bon83, Ler85, LSH88, Low82e, RSNT88, RR87a, RR88, SVS81]. **indirect** [LO81]. **individual** [EB82a, EB82b, EB82c]. **INDO** [RB88a, BB85, BH82, Boč88b, Böh82, CV82a, DS81b, DBS82, DBES80, FC80a, FC81a, FF80, LmJQHXZ83, Lip88, SIJ85, SSUF80, SS86b, SL80, TWW81]. **INDO/1** [Boč88b]. **INDO/2** [BB85]. **INDO/2-AHP** [BB85]. **INDO/2-HP** [BB85]. **INDO/spd** [Lip88]. **indoles** [Cal84, Yam81]. **induced** [Ågr83, Bal81b, HS84b, II82, Kat80, KPTG88, LRZ84a, LRZ84b, MDO$^+$82, MMC83, OPSO86, OPSO87, PPP87, Wal88]. **Induction** [Cla83a, Che82]. **inelastic** [All87, GLB81, SST83, ZJŻ88]. **Inequalities** [Mez83c, Löw88, Sil80]. **infinite** [BNK86, BSL81, CK82, DL82, KC82a, Suh83]. **inflammatory** [KKSM87]. **Influence** [KMRK86, WD81, DK87, GC84f, IO89, KAH80, LCP81, Nes85, PP86, SB88, FC80a]. **influences** [Sey83b, Sey83c]. **influencing** [SRH86]. **Information** [Bon81, Bon83, Bha82b, BT82, Dos84, Fra84, FEKC84, GB85a, Kin89, Koh86, Mar88c, RFST85, Ste84, Vas82, STS83, Ler85]. **information-entropy** [GB85a]. **Infrared** [Hir80c, KPSS87, SSR$^+$87, SDS83, SSN$^+$84, Wój86a, Wój86b]. **Inhibition** [BLT$^+$84, BLY$^+$86, CLA83b, KBSG81, LHKK82]. **inhibitor** [LSS83]. **inhibitors** [BBAT82, GC85a, GM86c, MSC$^+$83a, MSC$^+$83b, TB83]. **inhibitory** [AABW80, BR81b, Lew88]. **inhomogeneous** [Bec83, RJ87]. **initial** [BHS85, IDK87, Lar83]. **initiation** [Lad86, THKM81]. **Initio** [Ågr87a, Cal89a, Fro81, RKO$^+$89, Ågr85, Ågr87c, Abd80a, AEM86, AN86, AM82, AMM83, BSHK86, Bar85, BF83a, Blo89, BK84b, BBL81, BYBZB83, Bou84, BFOP83, BSCR80, BMB87, ČU80, CHKB83, CC83, CHB88, CF81b, CH82, Del88, DF89, DBD$^+$85, Dov84, Dov86, Duk82, DO84, FDAC89, GG81, GG82b, GG82a, GG83, GAL86, GLLOB86b, GLLOB88, GM81c, GP86b, GPC85, HKP81, HPK81, HLKK82, HKKM83, HKLM85, HCCB86, HM85a, HHL80, HKV85, HAB83, H$^+$90, INFU84, INO88, JN88, JŻ85, KSO84, KVR85, KGEP89, KG89, Kar81, KO81, KHNT86, KHP81, Kau83, KHRK87, KHK87, Kau87, KS87b, LS80, LdMH80, LHC80, LJK86, LT81, Law87, LMG85, LY83, LBV86, Loh87, LHK81, LP80, LN89b, MM87a, MS88, MMS$^+$86, May86b, May86a, MSI80, ME81, Nag87]. **initio** [NL89, New80, NSL88, OF80, OM82a, OM82b, OM83b, OM83a, OM84, OM85, OM86, OMH89, OLB$^+$82, OL82, PNGL83, PBM85, Pic83b, PDMC82, PDKC84, PKC85, RB81, RT84, RT85, RT87, RR87b, RW80b, RW81, RBR80,

RJK83, RKHK88, SK87, SP86a, SSS81, SS82, SR84b, SOS84a, SOS84b, SJ85, SJ86, SFC86, SJ88, SS84a, SY82, SSB83, Sch82, SC86b, SNNG86, SG89, Sie83a, SRT81, SY86, ST82, SHP$^+$80, SRL$^+$83, SHK87a, ŠHH83b, SS86c, SS86d, SS87, SC80b, ST88, SSN$^+$84, TF83b, TS81, Tho80, THKM81, TLC87, TL80, TL82, VŻH82, WK83, WKJ88, WHT86, YHG89, Yam80a, vDTBN80, De 83, DF86, HKK$^+$82]. **injection** [KPT88]. **Inner** [CV85, BN80, ČV86, ČVV87, EC83, FNC86, Mül82, VCV87]. **inner-electron** [BN80]. **insertion** [JM83, PSBB83]. **Instabilities** [CK82, KC82a, Car82, Fin87, Kve82, PV89]. **instability** [oLCC81, OBMU82, SHH$^+$83a]. **Institute** [ADL78, Cal82a, Cal86b, Dun80, Kel78, NB79]. **Institutes** [Cal81c]. **instructed** [Dos84]. **insulators** [Kun81, LVL$^+$85]. **insulin** [MG80, Moo81, RB88d]. **intact** [Gup80]. **integrability** [KT88, Tab82]. **Integral** [HV83, Tay87b, Cof83, HS89, IRA87, JL85, Mar88a, OY83, OS89b, Ori84b, OK80, PS88, PS80b, YS80a]. **Integrals** [BAG83a, WJ82, AØ80a, AØ80b, AØM81, AØC82, FP84, GHGP89, GKMV80, Gus85, Gus87, Har83b, Ish83, Ish84a, Ish85, Jon80, Jon81b, Jon81a, Jon81c, Jon82, Jon83, Jon84, Jon85, Jon86, LCULC87, LL82b, MTLL82, Mic81b, MPB84, MPS86, MG85, Nov83b, OS89b, Ori82b, Ori84a, Ori85a, Özk84, PSM87, Pan83, PŻ85, SF80b, TS80, Wea88, CFS87, Sme84]. **integrated** [FCPL84]. **integration** [BD88, BVB88, Lim80, MS84, Ori80, RB88c]. **integration-free** [BD88]. **integrations** [AW82, Dem86, Ori85b, RB86, RB88c]. **intense** [SH89]. **Intensities** [Min80, Blo89, CPMP86, LdMH80, MPP83, PGG80, Sad89, SSR$^+$87]. **intensity** [MB80a]. **intensity-dependent** [MB80a]. **inter** [BGT84, Gre87]. **inter-** [BGT84]. **inter-ring** [Gre87]. **Interacting** [GF88, SRC83, GKP83, HL81, MM80, PD83, Var87, YS80a]. **Interaction** [BSL81, BCV80, CS83b, ENA89, GDM$^+$81, HDO88, KRCN80, MG89, MDT85, PKP$^+$81, SKR81, ACP84, AN86, AGCT87a, AL80, Bal81b, BPCT83, BC80, BVDA88, BCC82, CMB84, CKLR80, CP83b, CP85b, DH84, DBES80, DK82b, EY82, FW80a, Fis84, FSS$^+$89, Fuk83, GM80, Gas81, GSMSG82, GBZ89, Gre82, GP82, GP83b, GRBP87, GKAP81, HP81, HKG81, Ish85, Ish89, JJČ87, KG86a, KG86b, KC82c, KC82d, KPM83, KM89a, KAM85, LCC84, LSBS81, Mül82, NL89, NPL89b, NSL88, OL82, PB82, Pau81, Pay82, PPMG89, PH87, RP81a, RBSR84, RSBR85, RS88, ST89, SR84b, SS84a, SS85, Sav88, SSR$^+$87, SBB87, Sie80, SRHK83, SR87, SHK87a, ŠKH81, SPSG85, SM87a, SR80, TIYH86, TB81, Was89, WBK86, WP80, YA87, Yam80b, Wal88]. **Interactions** [LCCB81, MLA80, SS84b, SGP$^+$80, ACGT89, ALH86, BR85, Bar81, BMRJ86, BR81b, BL81c, BPCT83, BGT84, BCT86, Bot81, Bre80, CC84b, CT84, CT98, Cze87, DM85, DAPS81, GR89, GCP82, GPC85, GCP86, GLP83, GK80c, HH89, HG86, HAB83, HKG81, KPSK80, LGPP$^+$80, LT81, MK85, MSV89, MWO$^+$84, Mic83b, Mic85, Mic86, MG85, MR85, NTM80, NW82, Ols83, OL82, PLL86, PV89, PP86, Pie84, Pie85, PABD80, RSP$^+$80,

RA81, Rec80, RM87, SBNK89, SJ86, SS85, See81, SKER83, Shi84, SF81b, TF80, TLT+84, VCG86, VWCC82, WWD88, Yar82, ZH86, ZA89, Tap86]. **interactive** [RP89]. **Interatomic** [Tha83, VCG86, SBNK89]. **intercalated** [SMSA80]. **intercalation** [TR82, MLA80]. **Intercalative** [CGP87, PZSL83]. **interconstituent** [SKER83]. **interdisciplinary** [ČV82b]. **interest** [DA80, Kib83, Ran80b]. **interface** [Con87, LVL+85, MV87, Sti82, Tru83b]. **interfaces** [AHB+80, BQS87, Her85]. **Interfering** [Sla83b]. **interhalogens** [DS82]. **Intermediate** [DD87b, YJ85, Fut87, LC83a, SD82, ST82, Sla83b, Var81b, Nat88]. **Intermediates** [Sie81, CLL86, Set79]. **Intermolecular** [Cze87, GCP86, HFSB86, OL82, SF81b, Ada82, Bar81, GLLOB86b, GCP82, HAB83, JM83, KPH88, Kau83, MGN82, MSV89, MS89, OMCD81, Pee83, RA81, SR81, SFC86, WHT86, YA87, ZH86]. **Internal** [BD81, SB81, BTC+83, FGS85, GBW88, KAH80, LS80, MMB84, SHL82, TWW81, WW82]. **International** [WJ82, Jor89, Shu84, Vas82, Ano84a]. **interplay** [Ska84]. **interpolation** [KPH87]. **Interpretation** [AAW82a, HCCB86, ACGT89, Ban82b, BN80, Bel80a, BGT84, Bon81, Dun87, FEKC84, Jas80, JJ83, Kog84, KBR83, PFC88, Pra83, RNW86, Wój86a, Wój86b, KS81]. **interpreter** [CP86b]. **interpreting** [FMF80]. **Interscience** [Cal89a, Wol81]. **Intershell** [JMS88]. **interstitial** [BANF86, SF89]. **Intersubband** [GOLC87]. **Intertwining** [Mel87]. **interval** [LBP84]. **intervalence** [CL80]. **intervention** [BLR83, LBV86]. **Interventions** [Jas80]. **intra** [OMCD81, WHT86]. **intra-** [OMCD81]. **intracellular** [MG80]. **intracule** [TTS84]. **Intramolecular** [COS82, HR84, Bar81, BGT84, OL82, SRS81, TLC87]. **intrinsic** [ACCC80, BWEW89, YY83, YGK+89]. **Introduction** [Ano81e, Ano84b, Ano84c, Ano87b, Ano87c, Ban82a, Brä87, Csa81, Del81b, Del84a, FH83a, Fre80, Gos87b, LÖ82, LZ83, LÖSZ85a, LÖSZ85b, LÖSZ86a, LÖSZ86b, LÖSZ87, LÖSZ88a, LÖSZ88b, ML83, Mie89, ÖL83, Öhr87, ÖSZ89a, ÖSZ89b, Pyy84, Sta71, Sta87, Tap86, Cox87, CT84, CT98, Ela87, Löw84, AM87a, CA85, Mou89]. **Introductory** [And85, Fax84, DBL84, Löw89, Buc89]. **Invalidity** [FS86a]. **Invariance** [LWÖ81, Pie82, CH86, DS87, SIJ85]. **invariant** [ACH83, BYBZB83, CA80, DQT80, DQ80, DQ81, Mez83d, SM85, SLT84a, SLT84b, Wil80b, ZS86]. **invariants** [Bha82a, Cas88, Mic81b]. **inverse** [BERE85, DMB+84, HR83, Mel87, TV89, Urr88]. **inversion** [BB82a, CPS89, DA88, PPP87, SSR+87]. **Invertibility** [WS81]. **Investigation** [Csa86a, DF86, POT80, RA81, BB82a, Boe88, Böh83, Böh85, Bri86, CPZS86, CD89b, Fle81, Gas81, HP81, JŻ85, Kar80, KS87b, LOF83, LCA89, LGL+84, LL85, MLC+81, PAFW84, SAM82, SBH+85, SBH+86, ŠHH83b, Suh83, TLDK89, VMMV80, VŻH82, WS80b, ZJŻ88, OL80]. **investigations** [Bre80, HOT87a, Nec83, RDG84a, RGDF85, TB83, Wol88, HKG81]. **involve** [KHRK87]. **involved** [Fli84]. **involving** [BP84, BBPS83, FC81a, GTB80,

Hic83, LT81, LE80, LW84b, MR81, MR80b, PP89, SS84b, Ten80a]. **invstigations** [RDG84b]. **iodide** [DM85]. **iodine** [JL84]. **Ion** [Fla81, BNK86, BLG85, BDK86, Car82, CS80b, CAML87, CM81, CE86, CE87, DBCJ86, Del87, Del88, Fla80, GjC86, Gup80, HRL88, Hur82, Köh89, KD80b, MM87a, MK85, MDO$^+$82, Pac82, PPP87, RT85, RI88, RZWL80, SSSH82, SOS84a, SOS84b, SDS83, SSYR87, UTP82, UTVP85, vDTBN80]. **ion-induced** [PPP87]. **Ion-ion** [Fla81, Fla80]. **ion-molecule** [BNK86, Del88, SOS84a, SOS84b]. **ion-selective** [UTP82]. **ion-surface** [BLG85]. **ion-water-water** [MK85]. **Ionic** [Ols83, Bec81, BCD$^+$80, Bou84, BCD89, CC82b, LWZ88, Lim82, LSR$^+$84, MB86, ST80a, ST80b, UTP82]. **Ionization** [GSMRM85, HMF82, KM85, BBH87, Bak85, BN84, BSL$^+$80, GP80, GBO86b, HK86, HDFL84, LJW87, LJC83, Lar83, MM87a, MB84, PZ84, Pee83, SAM82, SGP$^+$80, TL83, UI80, WSD80, YUKK84, Nak83]. **ionized** [NH81, PS80a, TS81]. **ionizing** [IDK87]. **ionophore** [GP83a]. **Ionophores** [Ovc81]. **ions** [BZA84, Bec82, Bha82c, CD89a, DCF82b, DS81c, ENA89, Gan81b, GM86b, Gre82, GKAP81, GKP83, KG85, KG86c, KG86d, KO80, Kun86, KS86c, LK81, LC82a, LOR84, LWZ88, Mar85b, MMM81, Mof81, MPPW82, Nov83a, Pac83, RN86, RT87, Rud84, SD88, SF81a, Sin89, The84, TL80, TL82, Yan85]. **IP** [RSMM86]. **IPPP** [SC86b]. **IR** [Bri87, Dat82]. **iriallene** [DBD$^+$85]. **iridium** [EIKG$^+$88]. **iron** [PD84b, SS80f, FHHHE85]. **irreducible** [GC87, ZS86]. **irregular** [SRC83]. **Irreversibility** [CD83, Emc80, SC86a, SC87]. **irreversible** [MD82, Sch89]. **ISBN** [Fro81, Fro83a, LM81, Mar81a, Sme84]. **ISO** [Ho81]. **isobaric** [RJK83]. **isocyanide** [TF83b]. **isocyanides** [Mof81]. **isocyano** [LH85, Mof82]. **isocyanocarbonium** [Mof81]. **isocytosine** [JKL85, LOB86]. **isodensities** [PC86]. **Isoelectronic** [LL82a, AJ83, Fra85, Gan81b, Lás85, LM86, MS87, Mez81a, MB84, MPPW82, NSS86, PS84, SB83a, Sen80a]. **isoguanine** [JKL85]. **isolated** [HCCB86, Lip88, Mar81b]. **Isomeric** [RW80a]. **isomerism** [PBBK89, Sla83a, Sla83b, Sla84]. **isomerization** [Bal82a, GZWYCHC88, Mof81, Mof82, MP87, TMON80, TOK80]. **Isomerizations** [RD84]. **isomers** [Dun88, KSO84, LH85, LHK81, SWM82]. **isomorphism/order** [FF82]. **isopentenyl** [Tew88a]. **isopotential** [MT87]. **isoprotonic** [Mez81a]. **Isoscalar** [KAA85]. **Isospin** [ŠKR84]. **isostructural** [VMMV80]. **isotachysterol** [BP86]. **isothermal** [RJK83]. **isotope** [BBLR84, STG86]. **isotopic** [GT86]. **isotopomers** [CHB88, NPL89a]. **isoxazole** [TMON80]. **Isoxazolol** [BVDA88]. **Israel** [Pul79, PTG80]. **Issues** [Zer87]. **Iteration** [ASL88]. **Iterative** [Gol84, BEP87a, BEP87b, FC80b, Mül81]. **Itinerant** [SS88, Enz80]. **IV** [AØ80a, CPGP83, FC82e, GC84f, HKLM85, KG86c, LSP85, LHP80, McD80, PT84, Pan84, PDC81b, RSP$^+$80, RK82, RMM83, SP81, SC84a, ST83, SG89, SV85b, Van85]. **Ivar** [Ano89-28, LGJLCB89, Ano89-29, Lun89b]. **IX** [KRST83, VŻH82].

J [Ågr87a, Cal81c, Cal81b, Fro88b, Nat88, BAG83a]. **J.-M** [Cal81c]. **Jacek** [Ågr80]. **Jack** [Ågr87b]. **Jahn** [Sin81]. **Jerusalem** [LM81, Mar81a, Pul79, PTG80]. **Joanna** [Muj86]. **John** [Cal86b, Cal88, Mår80, Nat88, Wil81]. **Jones** [Sme84]. **Jørgensen** [Ågr87b]. **Joseph** [Nat88, Rav82, Yan82]. **Josiane** [Fro83a]. **Julg** [Cal81a]. **junction** [GUSS89]. **June** [NB79, LGJLCB89, Lun89b]. **JWKB** [Sil86].

K-region [Low82d, Low82e]. **Karadakov** [May86c]. **Kari** [Ågr87c]. **Karmowski** [Ågr80]. **Kato** [Tat81b]. **Kekulé** [EB82a, EB82b, EB82c, EBO83, Kia80]. **Kelm** [Dun80]. **kernel** [Suc81]. **ket** [Rér89]. **Keto** [PSS86]. **Keto-enol** [PSS86]. **ketonization** [LBV86]. **keV** [CPS81]. **keV/amu** [CPS81]. **Kikuchi** [RM82]. **kinase** [GB81, MSM81]. **kind** [PH87]. **Kinetic** [CGK82, Kre81, LÖ85a, CEB86, Csa86a, Csa89, GZWYCHC88, Kat80, Kha85, NP81, OS89a, ST86a, STG86, Ulm83, ZAB85]. **kinetic-energy** [Csa89, ST86a]. **Kinetics** [BQS87, GF83, New80, Ulm85]. **Kirtman** [SH87b]. **Knight** [KB80]. **known** [Mor89, TN89]. **Kobeissi** [Tel88]. **Kohn** [Kel86, HF86, Kry80, LP82, LM82b, Wea82]. **Koopman** [Coo87]. **Koopmans** [AEM86, LJC83, MD87]. **Korb** [Fro88b]. **Kos** [NB79]. **Kotani** [Ohn84]. **Kr** [ESCC85]. **Kramers** [MM80]. **KVV** [SD81].

L [Ågr82, Kum87, Muj86, Rös87, Cal84, DIV86, LN89b, NL89, Sim81]. **L-serine** [LN89b, NL89]. **laboratory** [Bri86]. **lac** [KRMK86]. **lac-repressor** [KRMK86]. **laci** [FPDA89]. **Lactam** [DM83a, SHH+83a]. **lactate** [KK82b, KK83]. **lactic** [PS81]. **ladder** [BPLB87, Hub85, MPS86, PM83]. **Ladik** [Cal81c]. **Lagrange** [NDBE82]. **LAMMA** [SL81]. **Lanczos** [HL83]. **Landé** [LBP84]. **Langevin** [Ade87]. **lanthanoid** [LmJQHXZ83]. **Laplace** [DFP80]. **Large** [BHVR83a, BHVR83b, ČV82b, Sim82a, Wu82, Ano82s, AH86, BEO80, BEP87a, BEP87b, Ben82, BAN88b, Cow82, Gás86b, GM86b, HH89, HAmGS86, KHP81, Kau87, KD86, Mar86a, MC88, MD82, McW84, Mez84c, MS80b, NS83, OMCD81, OY83, Ott86, Ran80a, RSG+87, Rec80, SHK87a, SC80b, Tho83]. **large-molecule** [Gás86b, McW84]. **Large-Order** [Wu82]. **Large-scale** [BHVR83a, BHVR83b, BEO80]. **Laser** [Hir86, Kat80, DR84, KKCM85, KKC+86, KKCM87, RDH84, SL81, MK80]. **Laser-excited** [MK80]. **Laser-induced** [Kat80]. **Lattice** [ST80b, Ban82b, BS84, DFP80, Fin89, Mod81, SP82b]. **lattices** [RM82, RB86]. **Lawley** [Cal89a]. **Layered** [Cal81b, WS79]. **LCAO** [DFH84, BB82b, Bha81b, BH82, BK84b, CD87b, Del84b, DC86, Mal82, MSI80, PNA86, PNA88, RZWL80]. **LCAO-MO** [Mal82]. **LCAO-X** [DC86]. **LCAS** [RC80b]. **LCGTO** [SAS86, AS86, JR85, RS86, RSGK88]. **lcgto-lsd** [AS86, RS86]. **Lead** [MB89]. **Least** [Tho85, GM81b, RSST86]. **Least-squares** [Tho85, GM81b, RSST86]. **Lecture** [Ågr88, Fro81, Fro83a]. **lectures** [GC84a]. **left** [JY81]. **left-** [JY81]. **Legends** [ZA89]. **Lemaistre** [Fro88b]. **Length** [Has85, PC83a, PCG83, PT84, PP83, SHH+83a, SI89b, TP84, TP85].

lengths [Ver80]. **lens** [Var81a]. **Letter** [BL89a, Swe83]. **Leu** [VARPU84]. **leucine** [ST89]. **leucomycin** [JG81]. **Level** [Mez82, BL81a, BP86, De 83, HO85a, LCLC86, LCLC88, Mez83d, PABD80, SC80b]. **levels** [FSK79, FSS$^+$89, FF89, HZBR89, KG85, KG86c, KG86d, Mül82, NPL89a, PČP82, RPS80, RZP84, RZWL80, ST84, Woo82, ZHB$^+$87, Ågr80]. **Levente** [Bra86b]. **Levitan** [HR83]. **Lewis** [CGT86b, ESS86a]. **Li** [PFLB83, AM83a, BBH87, CEB86, CPS81, DF89, EY82, ESKG83, GG82a, NS82b, SD81, TH80, Yar87]. **LiBeH** [BR80]. **LiBH** [BR80]. **Library** [SHK87b, SMHK89]. **librational** [UV83]. **librations** [VU85]. **LiCH** [BR80]. **Lie** [DYD89, SHLL83, SLT84a, ACCCBF80, Pan85, SLT81, TSL80, TV83a, TV83b, TV84, TV89, Van85, VT85, Van86, Wei88]. **Lieb** [Csa86a]. **Life** [Wal84, Fox84, Löw84, You84]. **lifetimes** [Löw85a]. **lifting** [LL86]. **ligand** [ACCCBF80, BL81c, DG86, GPC85, NSN89, SK87, SHLL83, VL89]. **ligand-field** [ACCCBF80, DG86]. **liganded** [LCCW87]. **ligands** [KTGR89, YGK$^+$89]. **light** [CPMP86, Kar89, KFN80, KPTG88, Pan81, SM87a]. **light-induced** [KPTG88]. **LiH** [SR80, AM83a, AEM86, CEB86, FD89a, GG82a, GPLP85, KC82d, ZW83]. **like** [ALH86, ECM89, Koh86, Nov83b, OS89b, MB83]. **likely** [LP84]. **limit** [BPT88, CB88, GM86b, Hal80, Ori82b, Tho83]. **Limited** [Muj86, AGCT87b, Eri89, RP81a]. **Limiting** [BB81a, Sla85]. **Linderberg** [RSSS81]. **line** [PS84]. **linéaires** [Van86]. **Linear** [BH89b, KT88, ABD$^+$80b, ABTP83, BPT83, BR81a, BSL81, BEP87b, Big86, Dal80, Dem86, Dia86, Dov86, DO84, FC82a, FDA83, FM86, GTB80, Has85, Has86, Ish84a, Kar84b, Kir89, Kub82, OJY83, Ori85b, RSMM86, SB84, TN89, TP89, Van86, Wei82, DSB84]. **linear-combination-of-atomic-orbitals** [Dov86]. **linearly** [FC87, Lim86, Mey88, Mor88]. **lines** [LRT88]. **link** [BPT88]. **linkage** [AEHM85, BVGV89, HM84]. **linked** [GP80, Muk86, YL83, Yad83]. **Liouvillians** [Löw82a]. **lipid** [HJ80, MH80a, SAB$^+$80c]. **liposomes** [DS81a]. **liquid** [BMRJ86, CC83, CC84b, Hal83, MV87]. **liquids** [Gol88, LCD82, Gee89]. **List** [Ano85c, Ano86e, Ano86f, Ano87d, Ano88i, Ano88j, CS83c, Ano82s]. **literature** [H$^+$90, OM82a, OM82b, OM83b, OM83a, OM84, OM85, OM86, OMH89, OYH$^+$80, Pic83b]. **lithiation** [JI88]. **lithium** [CEB86, Gan80, GjC86, Ho81, MMS$^+$86, MPPW82, OL80, SDBDSMG86]. **lithium-chloride** [GjC86]. **lithium-fluoride** [GjC86]. **lithiumlike** [LC82a]. **Littleton** [SC89]. **lived** [Gas86a]. **living** [MB83, Mis84, Poh83, Poh84, SG80b]. **LMO** [HAmGS86]. **lobe** [Ten80b]. **Local** [Bec85, BV80, Dea89, Ell84, MS80a, SHRH82, ZAB85, BPT88, Bec81, Cas85, CA85, CP83a, FGM87, GA82, JMD88, KAD81, KD86, KMRK86, KPS87a, KPS87b, KPS88, KEB86, LCLC86, LCLC88, MC80, MKW85, Min87, PSK86, PW86, See81, Sha85, Tho86a, Yar82, Gre81b, KWM86, Pan82b, TP84]. **local-density** [JMD88, MKW85, Min87, KWM86]. **local-energy** [Tho86a].

local-scaling [KPS87a, KPS87b, KPS88, PSK86]. **local-space** [KD86]. **Localization** [Pip89, BBH87, Cal80, CS83a, LBC+87, LNN84, RJ88, Sie87, TNY83]. **Localized** [CZ82b, LPB82, LS82, PMT84, AL80, Csa83, Cul88, Cul89, DBES80, GK80b, Gos85, KCK83, KHK87, KSGB+83, LL84, MBSC81, Nes85, OL82, Pip85, PSIT87, Hil81c]. **localized-site** [KSGB+83]. **localizing** [Koe86]. **location** [CBV85]. **Locations** [Dia86]. **London** [Cal82a, Cal82b, Cal86d, Tap86]. **lone** [PS81]. **Long** [EY82, LBKV88, PABD80, RM87, DAPS81, Gas86a, Kog84, Pie84, Pie85, YA87]. **long-lived** [Gas86a]. **Long-Range** [EY82, PABD80, RM87, DAPS81, Kog84, Pie84, Pie85]. **longest** [GC84f]. **longest-wavelength** [GC84f]. **longitudinal** [DBD+85]. **Longuet** [BR82]. **Longuet-Higgins** [BR82]. **look** [Bha81a, MK81]. **Looking** [Bri86]. **loss** [LVL+85]. **low** [All87, DMB89, DS88, EV87, Fla80, Fut87, GD82a, HF86, Has82c, Mar86b, Nom80, SO85, SNNO86, SS81b, ZV86, RGDF85]. **low-dimensional** [Mar86b]. **low-energy** [HF86]. **low-lying** [DMB89, Has82c, Nom80, SNNO86, RGDF85]. **low-temperature** [SS81b]. **Löwdin** [AEG80, BM86, ČVV87, GC84a, Jon84, JBW87, Pan82a, Pan82b, Pan83, Pan84, WS81, WS82, HL83]. **Lower** [ČV86, CV83b, BH86, Csa86a, Dia86, LO81, TOK80, Gol80]. **lowering** [MB80b]. **lowest** [BN84, BHM87, KG86a, KG86b, WS80b]. **lsd** [AS86, RS86, RWOT81, SAS86]. **lucanthone** [SMSA80]. **luminescence** [MK80]. **luminescent** [PC83b]. **LUMO** [EIMS88]. **Lyapunov** [KB87b]. **lying** [DMB89, Has82c, Nom80, RGDF85, SNNO86]. **lysozyme** [BBMP82, GDM+81, MP84a, PP86].

M [Ågr80, Cal81c, Cal81b, Fro88a, Mår82]. **Maclaurin** [TP89]. **macrocyclic** [RHST88]. **macromolecular** [Kar80, PP80]. **macromolecules** [LP81a, Luo87, PFC88]. **macroscopic** [SC86a, SC87]. **made** [NTM80]. **Magnesium** [BL81c, Gup80, MBR80]. **Magnetic** [KSS81, LRZ84a, And87, BAG83a, BYBZB83, BYBB84, BH89b, DS80c, EHK83, FC85, FNC86, Gla85, GLP83, Hir86, IS83, JL87, KL80, LRZ84b, LM89, LOGC86, MSGPP80, NH84, PAFW84, SCH84, SPSG85, TK86]. **magnetic-field** [LRZ84b]. **magnetism** [DK87, Enz80, FS86c, SR84a, SS88, Cal88]. **Magnus** [KKTE80]. **main** [KST84, Loh84, Yar82]. **main-group** [Loh84]. **Maksić** [Zer87]. **Malcom** [Nat86]. **Malinowski** [Wol81]. **man** [NTM80]. **man-made** [NTM80]. **manganian** [HHL80]. **Manifold** [Mez81b, Bak85, Mez83b]. **manifolds** [Bor82, Cho80]. **Mann** [DS88]. **mannose** [BR81b]. **mannose-containing** [BR81b]. **Many** [Ave86, CD87a, IS80, NMK84, PZ85, Ade87, AN85, Ano81s, AW83, AZY84, AL86, ALH86, ASL88, BK89, DG83, DRS83, Ess84, FH81, FH83b, FM86, GR89, GD82b, Gla85, GC84b, GC84c, GC84d, GC84e, GC85b, GBK86, HB86, Hub80, IS85, IPV81, Kal85, KCK83, KPM83, KM85, Kha85, KPS87a, KB88, LJW87, LCULC87, LB83, LZ89, LC88a, LFM89b, Mat87c,

Mat87d, McD81b, MJ89, Mic83a, Muk86, MP84b, Muk84, MPD87, PM84b, Sad83, SF81a, Sie80, Sto82b, Suc84, SH87b, Tay83, Tay84, Tay86a, Tay86b, UI80, Var87, WJP83, WJP85, Win85, Sto82a]. **many-atom** [Mic83a]. **Many-body** [CD87a, IS80, Ade87, Ano81s, AZY84, Ave86, ALH86, BK89, FM86, HB86, Hub80, IS85, Kal85, KCK83, Kha85, KB88, LB83, LC88a, Mat87c, Mat87d, McD81b, MJ89, Muk86, MP84b, Muk84, MPD87, PM84b, SF81a, UI80, Var87, WJP83, WJP85, Win85]. **many-center** [LCULC87]. **Many-dimensional** [Ave86, ALH86]. **Many-Electron** [PŻ85, NMK84, AN85, DG83, DRS83, Ess84, FH81, FH83b, GR89, GD82b, Gla85, GC84b, GC84c, GC84d, GC84e, GC85b, GBK86, KPS87a, LJW87, LZ89, Sad83, Sto82b, Suc84, Tay83, Tay84, Tay86a, Tay86b, Sto82a]. **many-particle** [AW83, AL86, ASL88, KPM83, LFM89b]. **MAO** [MSC$^+$83a]. **map** [PC86]. **Mapping** [KAD81, MT87, KPH88]. **maps** [Cas85, FZB86, GM86c, HKP81, HLKK82, HKLM85, LHK81, RMM83, SHKP80, SHP$^+$80, TH88, THKM81]. **March** [Fax87, Han86]. **Marcus** [Bre80]. **marginal** [HT82]. **Marineland** [Fax87, Han86]. **Maruani** [Fro88b]. **Masao** [Ohn84]. **mass** [FWS$^+$85, FS86a, HYS89, KJMS85, PBFL80, SH89, SL81]. **mass-velocity** [FWS$^+$85, FS86a]. **Masthead** [Ano80f, Ano80g, Ano80h, Ano80i, Ano80j, Ano80k, Ano80l, Ano80m, Ano80n, Ano80o, Ano80p, Ano80q, Ano80r, Ano80t, Ano80s, Ano81f, Ano81g, Ano81h, Ano81i, Ano81j, Ano81k, Ano81l, Ano81m, Ano81n, Ano81o, Ano81p, Ano81q, Ano81r, Ano82e, Ano82f, Ano82g, Ano82h, Ano82i, Ano82j, Ano82k, Ano82l, Ano82m, Ano82n, Ano82o, Ano82p, Ano82q, Ano82r, Ano83c, Ano83d, Ano83e, Ano83f, Ano83g, Ano83h, Ano83i, Ano83j, Ano83k, Ano83l, Ano83m, Ano83n, Ano83o, Ano83p, Ano84d, Ano84e, Ano84f, Ano84g, Ano84h, Ano84i, Ano84j, Ano84k, Ano84l, Ano84m, Ano84n, Ano84o, Ano84p, Ano84q, Ano85d, Ano85e, Ano85f, Ano85g, Ano85h, Ano85i, Ano85j, Ano85k, Ano85l, Ano85m, Ano85n, Ano85o, Ano85p, Ano85q, Ano86g, Ano86h, Ano86i, Ano86j, Ano86k, Ano86l, Ano86m, Ano86n]. **Masthead** [Ano86o, Ano86p, Ano86q, Ano86r, Ano86s, Ano86t, Ano87e, Ano87f, Ano87g, Ano87h, Ano87i, Ano87j, Ano87k, Ano87l, Ano87m, Ano87n, Ano87o, Ano87p, Ano87q, Ano87r, Ano88x, Ano88k, Ano88l, Ano88m, Ano88n, Ano88o, Ano88p, Ano88q, Ano88r, Ano88s, Ano88t, Ano88u, Ano88v, Ano88w, Ano89n, Ano89o, Ano89p, Ano89q, Ano89r, Ano89s, Ano89t, Ano89u, Ano89v, Ano89w, Ano89x, Ano89y, Ano89z, Ano89-27]. **MATCH** [KKH$^+$83]. **matching** [SB83a]. **Materials** [Cal81b, BMMS81, Cal82c, Coh86b, Fau85, Faz87, Fri87, GMM81, Hay82, KH80, Koe86, KWBC80, McM86, MST$^+$80, Pet79, Zun85, Mår80]. **Mathematical** [GC82b, Tri86, Ban82b, Sim82a]. **Mathematics** [Brä86a]. **matrices** [BEP87a, BEP87b, CH86, Coh86a, Del84b, Duc85, DK81a, DK81b, Gos82b, KMW80, Küm83, Lar83, Löw86d, LW81, Mal86, Ret86, SS81b]. **matricielle** [SV82, SV85b]. **Matrix** [AW83, BPLB87, BFJ81, Kry82c, MZ85, Mar81b, Pay82, Wor85, Ave84c,

Bel80a, Bel80b, Cas88, Cha82, Cha88, CMB84, CFG+83, CSF80, DH84, Don81, EKBE86, FCB80, FM83, FSW87, GB85b, GP86a, Gou86, Gre80, Har83a, HCCB86, JD85, JBW87, Kau82a, KS82, Kia80, Kim81, KEB87, KPH87, LP85, Lim89, Lin81b, Lin89, Luk82, MC80, Mes80, Mes85, Mor88, Mor89, NPL89b, Niu80, OS89b, Pan85, QX89, Roo80, Sch80b, SY86, SV82, SSN+84, Tay85, Tho86a, WP80, YS80b, YS80c, GC84c, GC84e, Pan84, SV85b, TNB86]. **matrix-isolated** [HCCB86]. **matrix-oriented** [JD85]. **Matsen** [Wor81]. **matter** [BB81b, ENA89, Fri87, Lar86b, Mat87a, Mis84]. **Matthias** [Ano81d]. **Maurice** [Gee89]. **Maximization** [GB85a]. **Maximum** [LZ87, FSP87, Pip89]. **May** [PTG80]. **Mayer** [Rav82, Yan82]. **MB** [KU80]. **MBPT** [AB87, RSMM86, SHK87a]. **MC** [CL83b, Iga85]. **MC-SCF** [Iga85]. **MCD** [KM80, Mar89]. **MCF** [Ott86]. **MCRPA** [YOJ81]. **MCSCF** [ÅCFRJ85, CHKB83, DG85, DMB86, GYJ83, GSO+87, HC81, MR81, MR80b, OY83, PKG86]. **MCSCF/CI** [CHKB83]. **MCTDHF** [YOJ81, GY87]. **McWeeny** [BAG83a]. **Me** [WBK86]. **mean** [CEB86, Pee89]. **Meaning** [Gra82]. **means** [BAG83a, BBO83, FSW87, HČ83, Mak80, PZ84, Toy80]. **measure** [CLA80a, Fra88, PM88, Pip89]. **measured** [AØM81]. **measurement** [Dun87, Jas80]. **measurements** [Bro80, CP80b]. **Measures** [BHS85, BJR86, CD87b, Gre81b]. **Mechanical** [BCV80, AZY84, Ave86, ALH86, CLL86, DAPS81, Dew88, FC81b, FC81c, FC81d, FC82e, GSS85a, HCCB86, HM85a, JRK84, Kim81, LOF83, LOBS86, LM89, LFL+81, Mar89, PS80b, PBM85, Pur88, SBH+85, SBH+86, SHL86, SF81b, Suh84a, SSN+84, Tac83, VCB83]. **mechanically** [GS89, Ran80d]. **mechanics** [AA89, CSK87, ČV88, Con88b, DC82a, FPDA89, Gre80, Hal80, Jas80, JJ83, MSWC88, SIN80a, Sil84, Tho83, VARPU84, Yan82]. **Mechanism** [GP80, SS80f, TT81, Abd80a, BBLR84, CSB86a, CL83a, HZ84, Kot81, KCP80, KPTG88, KPT88, LWZ88, MTWO83, OPSO86, OPSO87, PMOW89, RT84, RT85, Shi85, SMJ83, ST88, UV83, ZV85, ZV86, THKM81]. **Mechanisms** [Mar81a, DBL84, Dew88, ES88, EC83, FGC84, HKFW87, LČ84, Mez84a, Mez85a, Mez85c, PTG80, Tho86b, UTP82]. **Mechanistic** [LPCF80, LPSK83, PL83, PL84b, MFM89]. **media** [PCA89, RN84]. **mediated** [Gas85]. **medium** [ACGT89, FGC84, Kun83, KS87b, MR87, RJ87, ZV85]. **medium-scale** [Kun83]. **mellitus** [RB88d]. **Melting** [Nag82b]. **membrane** [Con87, DBCJ86, DK82a, Hos80, KKD80, Rab84, RSP+80, YVK+80]. **membrane-active** [KKD80]. **membranes** [HJ80, IMTG80, Lal81, LN83, NTM80, RKV+80, Tat81a]. **memorization** [Koh86]. **memory** [Fox87, Ská83]. **mercaptan** [SG81b]. **MERGE** [HKP81, HPK81, HKK+82, HKKM83, HKLM85, LHK81, THKM81]. **Mermin** [Tac89]. **MESFET** [BW85]. **Meta** [BK84b]. **Meta-** [BK84b]. **metabolic** [LL85]. **Metabolism** [SG85b, PZPL86, SG80a, LP81b]. **metabolite** [LP84, PZSL83, ST82]. **metabolites** [DD89, HKP81, HPK81, LT81, PP82, RT87, TR86, Ulm81]. **Metal**

[Bor81, FHHE80, GM80, LFM89a, Ser81, The84, Bal88, BSHK86, Bau86, Bha82c, BQS87, BP80, Boč88a, Böh82, Böh83, BDK86, BKJ88, CKM81, Ell84, Faz87, GPN80, Hil85, JN88, KN80, Kin86, Lau88, LNN84, LHH+83, MM80, MB85, MG85, Nec83, Nov83a, PD84a, PT89a, SF89, SSF+84, TLDK89, TP80, WBK86, WS80b]. **Metal-semiconductor** [LFM89a]. **metallic** [DC87, HM81, Suh83]. **Metals** [FHHHE85, BBPS83, BANF86, ČD87c, De 80, EGP86, FK83, Hal88, Kar89, Mar88b, MM80, Mor83, MF87, Nes85, PC88, SS86a, Wed81, WS80b]. **metastable** [BS80a, PBA88]. **methane** [KRCN80, NOMK80, NCKL81, CPMP86]. **methanes** [CKNG80, LL85, LLM86]. **methano** [BBGS84]. **methanol** [SA86b, SS89a, TF83b]. **Method** [Bal82a, KPS87a, KPS87b, KPS88, MKVP80, Pan82a, Pan82b, Pan83, Pan84, PSK86, ÅFL81, ALB84, AB84, ANH81, AM87b, AØ80a, BAG83a, BS80a, BPT83, BS81a, BB82b, BB85, BSZ81, BHM87, BP80, Brä86c, BFJ81, BS80c, CLVC84, CS89, CMM83, Chu86, Cio88b, Cio89, Coo87, Cze87, DDP81a, DDP81b, DM85, DG85, DMB89, DG83, Dem83, DVV80, DF86, DK82b, Duc85, DO84, Dun87, Ess84, FVZ+88, FC80b, FAC84, FD86, Fer88, FSP87, FSW87, GG85, GN87, GOS87a, HK86, HTD80, HHL80, Her84, HO85b, Hir80b, HR83, HAmGS86, IRP81, ITKD80, IPV81, IST89, JD85, JS88, Jon84, JT85, JR85, Jun80, Kag83, KN80, Kal86, KC83, Kar86, KPM83, KT80a, KFD85, Kle83, KMW80, KT84, KS81, KPH87, KM89b, LC82a, LC80, LFL+81, LTLF87, Lip83]. **method** [Lip88, LZ87, LW84b, Löw86e, LLC83, Mal82, MG83, MPBN81, MC80, MJW88, Mes85, MSGPP80, Moh80a, Moi81, MK81, Mül81, Nag87, Nas83, Noa80a, Noa80b, OM81, OL82, Ott86, Özk84, PC83a, PCG83, PXLC86, Pau81, PP83, PKP87, PBFL80, PS80b, PABD80, PD80, Poh83, POT80, PŻ85, RNW86, RM82, RSG+87, Røe81a, Roo80, RS80, RSGK88, RC80b, RLS87, SA80, Sav88, SC86b, SS80d, SF80a, Sie83b, Sim80, SP82b, Sto82a, Sto82b, SM84, SBWW80, SI89b, Sve88, TF83a, TNB86, TPN86, Tho80, Tin80, UI80, Wag83, WSD80, Wea88, Win82, Živ83, ddF86, LW82]. **Methods** [Cal89a, Fro81, Mat81b, Ågr85, AČP82a, Ada64, Ano81s, Ber81, BH82, BS82b, Boč87, Boč88a, Boč88b, Boč89, BCT86, ČU80, CV82a, CSK87, CS87, Cla83a, DS81b, DS89b, DBS80, DR84, Duk82, DQ81, Eng83a, Eng83b, FGG83, GKMV80, JMD88, KK85, KS86b, KT84, Lar86b, Law87, LT89, LC81, MSV89, Mel87, MS80a, Muj86, MM81, OS89b, Ori80, PG80, RSST86, RDH84, Sad85, SMD83, SIJ85, SNNG86, SS86b, Sim81, Tel88, Tho85, Wes81, dB84]. **methoxy** [BCD+80]. **methoxyl** [GSG84]. **methoxyl-substituted** [GSG84]. **methoxyuracil** [Zie82]. **methyl** [CL83a, DM85, HL80, JSDK89, KAH80, KPSK80, ST89, TF83b, XYSJ81, XHR86]. **methylacetamide** [KL80]. **methylamine** [GSM83]. **methylation** [SS80e]. **methylcholanthrene** [HKP81, HPK81]. **methylchrysene** [Sey80]. **methylcopper** [CPN89]. **methylene** [AYBP83, AMM83]. **methylenedioxytryptamines** [RWOT81]. **methylgiyoxal** [GSM83]. **methylglyoxal** [Gas80, Gas81, KL80]. **methylguanine** [PSS86, PKP+81]. **methylpyrazines** [PO85].

methylsilane [KSK86]. **methylthio** [Tew88a]. **methyltransferase** [SS80e]. **metmyoglobin** [AWCL89, LCCW87]. **metric** [Mez84d]. **MeV** [BH89a]. **Mg** [WBK86, CS83c, GP83a, Kal86]. **microcluster** [TKY89]. **microcomputers** [KST84]. **microcrystals** [Mar81b]. **microlocal** [Sjö87]. **microphysical** [DSG80]. **microprobe** [SL81]. **microscope** [HRL88]. **Microscopic** [Köh89, VVD80b, Fol81, PBGT80, SC86a, SC87]. **microscopically** [RJ87]. **Microwave** [CP80b, CP83b, VPK80, KAH80, MMI$^+$82]. **milk** [BR81b]. **mimetics** [VB85]. **mind** [Fox84, Löw84, Mis84, Wal84]. **MINDO** [DA80, MH82]. **minima** [GC84f, MASF88]. **minimal** [SS86a]. **minimization** [BB83, FPT81, PG80, Sel86a, Sel86b, Tho86a]. **minimum** [BVC80, RTM81, RTM83, RMM83, RTM86, SC80b, Tho85]. **minimum-basis** [BVC80]. **minimum-variance** [Tho85]. **minor** [KMRK86]. **Miroslav** [Fro81]. **mirror** [Jar89]. **mispair** [SRSR85]. **mispairs** [KBR83]. **mitochondria** [YKTA80]. **mitochondrial** [FF84]. **mitogenesis** [Moo81]. **mitomycin** [CS83b, SS82]. **mixed** [CFS86, CFS87, DBS82, Gos82b, KS82, Lim82, MPBN81, OKZ85]. **mixed-valence** [OKZ85]. **mixing** [ZNS80]. **mixtures** [CF81b, TSA86]. **Mn** [LLAG89, SJRP88]. **MnCl** [KBT80]. **MNDO** [DS87, FS86b, FS87, MG83, MBKH83, OG86, PL83, PL84b, SA86b]. **MO** [BB82b, Bha81b, MSI80, ÅFL81, BVD81, BS80b, BH82, BK84b, BPCT83, BC80, CD87b, CKM81, Che80, GAL86, GK80c, Kar84a, KG89, KHNT86, KŠHH83, KK83, LY83, Mal82, OYN80, PM88, PNA86, PNA88, RZWL80, SK87, SD80, SSSH82, ŠHH83b, TMON80, TF80, TF82, WK83, dB84, CJZ$^+$86]. **MO-LCAO** [PNA86]. **Mobility** [LC82b]. **Möbius** [RZ86]. **Mode** [Sey81, ES81, KMKC88, SZR80, SHRH82, SS89b]. **Model** [GBK86, KT80a, MH80a, PWL89, SBE$^+$83, Ave84a, Ave84b, BB82a, BB82b, BS80b, Bes88, BR80, Bha81b, Böh83, BST86, BP83, BVDA88, Bou84, BWEW89, Bur85, CBV85, CLS81, CR81, CFG$^+$83, CL86, CCS84, CZ82b, CLZ84, Cul88, Cul89, DP87, DT83, Del88, DFP80, DAPS81, Del84b, DFH84, DH85, DK82a, DL81, DOW87, EZ83, FY82, FL83, FNPS82, GMM81, GM83, GSRG80, GMP84b, Gre81a, GC82b, GC83, Has85, Has86, HLR80, HRL88, HL88, Hos80, HT85, Hun86, IMTG80, JP80, JSS80, KRT83, KKH$^+$83, KS89a, Köh89, KEB87, Kva83, LPB82, Lar86a, LMG85, LSR$^+$84, LHZ80, LCCW87, MR80a, MMN87, MS88, MA80a, Mcc83, MG89, MDO$^+$82, Mez83b, MC89, Moo81, Muk86, MB85, NKV$^+$89, NP80, OLB$^+$82, OMC82, Pac82, PMOW89, PMCA88, Pul83, PSBB83, Rab84]. **model** [RL88, RA81, RS84, RBSR84, RSBR85, RM84, Røe81b, RSGK88, SS82, SY82, See84, Shi87, SNNO86, SvG89, Sok81, ŠKH81, SRC83, SST83, Ste84, SLT81, SH87b, TH81a, TPČ83, TSL80, Tew88b, Tin80, WCLZ86, WJP83, WJP85, Yar82, ZLP81, ZP82, GG83, LW84a]. **modèle** [SvG89]. **modeling** [FHHHE85, GSS85b, LCC84, MR89, Nal80, SRSR85, SSR86, SSRR87, MBT80]. **Models** [KPH88, OKZ85, Zer87, BBPS83, CV83b, Dew88, Gas81, HR84, HČP88, HLPV83, HM89a, JY81, KG86d, Kun86, Löw86b, McW84, Mez85a, NW82, PB82, PČP82, PZSL83, PL83, PL84b, RGW88, Røe82, Røe87, ST89,

See88, Sla85, TKY89, TS82, Var86, VV83, VWCC82]. **modes** [LSS83, Shi87, vZ81]. **Modification** [BS80b, FM80]. **modifications** [KPSK80]. **Modified** [BG88, BP80, Hir80b, Lip88, RR87a, BDK86, CFS87, CP83a, DFH84, Den83, Den85, HB82, LW84b, LWK84, Tew87, Tew88a, Tew88b]. **MODPOT** [HKP81, HPK81, HKK$^+$82, HLKK82, HKKM83, HKLM85, LHK81, SHP$^+$80, SRL$^+$83, SHK87a, THKM81]. **MODPOT/VRDDO** [HPK81, HLKK82, SRL$^+$83]. **MODPOT/VRDDO/MERGE** [HKP81, HKK$^+$82, THKM81]. **modular** [CB85]. **modulation** [Urr88]. **modulators** [VL89]. **moduli** [KS86b]. **moieties** [KVR85]. **moléculaire** [OF80]. **Molecular** [AEHH81, AEHNEA85, AM83a, AT85, AM88a, BB82a, CGG81, CPS81, CS81, CLP83, CT84, CT98, Csi82, DBC84, FPDA89, Fox84, Fox86, Fut87, GC85a, HPK81, HM85b, HR87, Ish84a, Ish85, JW86, KH86, KK82b, LCDP80, LP81a, Lew88, LZY83, LPW81, LHK81, MR89, MBR80, NÁNSP87, NKZ88, OF80, OPSO86, OPSO87, PG80, PLL86, PV89, Pee89, PSK$^+$81, RWOT81, RSD82, SC80a, SP81, SP82a, SC84a, SP86b, Shi85, SKS83, SHP$^+$80, Sto82a, Sto82b, SM83, Tap86, UTP82, VV87, VB85, VL89, WJ82, WMP$^+$83, Ågr85, Ågr87b, Ågr87c, AEHM85, Ade87, AN85, AN86, ADF$^+$88, Ano80c, Ano84a, Ano87a, AM87b, AM89, ACCC80, Bec85, BEL89, Bha82c, BK82, BPCT83, BKP83, BYBB84, BH89b, Bri84, BTC$^+$83, Bri86, BVGV89, BSCR80, BVAB81, Bue86, Cal86c]. **molecular** [CLA80a, CDL82, CD83, CL80, CSK87, ČV82b, CFS86, Con88b, CLP82, CT87, CJ89, CZ82b, CLZ84, CD89b, CF81b, CH82, DP87, DPC82, D$^+$85, Dav87, Dav85, Dav91, Del88, DÖ89, DF83a, DCF82a, Duk82, DF83b, DO84, DC82b, Dun87, DQT80, DQ80, DQ81, Dur86, EÖWZ84, Edw88, EBEE87, EIMS87, ES88, Ela87, FP84, Fer88, FZB86, FS86b, FS87, FHH$^+$87, Fro83a, Fro88b, FH81, FH83b, GM80, GG81, GG82b, GG82a, GG83, GDBRV87, Gos85, GKMV80, GMP84b, Gre81a, GGM81, HKP81, HLKK82, HKLM85, HTD80, Har83b, HDFL84, Hib81, Hil81c, HR83, HAmGS86, Hun86, IL83, IDK87, JD85, Jon83, JT85, JBW87, JSDK89, JS86, KBS81, KO81, KFD84, KM85, KB86, Kia81, Kon83, KTGR89, Kot84, Kot81, KCP80, Kry82a, Kry82b, KBSG81]. **molecular** [LPS83a, LPS83b, LSP85, LCCB81, LCULC87, LCP81, LL84, Lin81b, Lip88, LCD82, LW82, LW84a, LSH88, LP80, LHH$^+$83, MR80a, MSC$^+$83a, MMS$^+$86, Mat81b, MLL83, Mcc83, Mez83d, Mez86b, Mic85, Mic86, Min80, MS80b, MK81, MSWC88, MMC83, MR80c, MR85, NSN89, NS84, OI86, OMCD81, Ojh89, OM82c, Pal89, PMT84, PP83, PBFL80, Pee83, PABL88, Pip89, PDMC80, PDC80, PDC81a, PDC81b, PKC85, PH87, PD89, PBGT80, PC86, RNW86, RL86, RL88, RB81, RW80a, Ran83, RB89, RR87a, RR88, Ric88, RP89, STH80, Sch82, See81, SK80, SG80a, SS86b, SJH89, Sim82b, Sin80b, Sin86, ST86b, SG87, Ska84, Sme84, SHKP80, SC80b, SG85a, SLT81, ST86c, SC84b, TNY86, TF83a, TSL80, Tho85, TN80, THKM81, TMC84, Tru83b, Tus86, VM81]. **molecular** [VM83, VŻH82, WKH80, WB81, ZP82, ZY85, Zho88, ddF86, vDTBN80, AEHA87, HOT87a, HOT87b, KD80b, VARPU84, Cal86a, Cal88, Tap86].

Molecular-orbital [AEHNEA85, MBR80, Hil81c, MR80c]. **molecule** [AC85, All87, ADF+88, BBH87, BNK86, BD81, Blo83b, CLA80a, CKM81, CG80, CT84, CT98, DSB84, Del88, DWQ86, ECM89, FGC84, FD89a, FF85a, FF85b, GS89, GSC89, Gás86b, GVB80, Hur82, IS80, JPAB87, Jor81, KK82a, KEB87, LRZ84b, McW84, MSI80, MASF88, MPD87, Mül82, NSL88, Nor83, Par84, PČP82, PGPRN86, PNA86, RKHK88, RKO+89, SH89, Sap80, SOS84a, SOS84b, TNY86, TNT+86, TNB86, TW88, TWL82, UI80, VM81, WKH80, WJ80, Wea84, ddF86]. **Molecules** [BB87, Ågr87a, Ågr88, AB84, AM83b, Ano87a, AM88b, AH86, AA89, Bar85, BSZ81, Blo89, Bor85, Bou80, BHVR83a, BHVR83b, BTC+83, Bro88, CBV85, Cal82a, CPMP86, CKD81, Che80, CZM83, Chi81, CJ89, DM85, DS89a, DMB89, DBS80, DBVMB85, DSW80, DVV80, DA88, EG84, FGS85, Fuk81b, GTB80, GM81c, Gro85, GRBP87, GSO+87, HR84, HS84a, HBC86, HO85a, HO85b, HC81, Hir80c, HZ83, HH89, HS88, Hub85, Ish86, Ish88b, JTST87, JEW88, Kag83, Kah84, KKZ86, KG86a, KG86b, KH85, KHP81, Kau87, KFD85, KTK80, KRST83, KRBM85, KNS+86, KKSM87, KNSM88, KMPTK89, Kle83, Kob82, KRCN80, KCC80, KL81, KTS86, Kun86, LPS83a, LSP85, LM82a, LPC+80, LL82a, LFL+81, Leu83, Lip88, Loh87, Mal82, Mar86a, Mar86b, Mar88c, MBT80, MS84, Mez84c, MLA80, Moh80b]. **molecules** [Moh80a, ME81, Nes87, NB79, NT80, NC87, Nov83a, PL80, PGG80, PXLC86, PGM80, PPMG89, Pie84, Pie85, PFLB83, PM86, Pyy86, Pyy93, Pyy00, RB88d, RTC81, RACPL86, RR87b, Röm83, RVK80, SMD83, SWW89, SM85, Sen80b, Sen85, SNNG86, SG89, Sie83a, SSK84, SB81, SB83b, SHL86, SC80b, Sza85, TLDK89, TLT+84, TP89, TPN86, TST89, TWW81, Umr89, VVD80a, Ver80, Voj85, WW82, Woo80, YUKK84, YS80b, YS80c, ZNS80, Živ83, ZHB+87, Bra86b, Ågr82]. **Möller** [PHGR88, PFLB83, SS87]. **Moment** [DVV80, LM82a, SSR+87, VU85]. **momenta** [Mar85a, Mar86b, SBWW80]. **moments** [AJY80, CLM80, Cio87c, FZB86, JD85, Mak80, MRJ85a, MRJ85b, RL88, Røe81a, SJ84, SHK87b, SMHK89, TPN86, WKH80]. **Momentum** [BIN86, HSSW83, Kog84, Ols86, STS82, AL86, ASL88, Bri86, Cal89b, DT81, DSB84, DD87a, GB85a, IRA87, MNS85, RFST85, RI88, SSK84, SST84, TP89, TMC84, YKZ+89, YLM80, ZLH87]. **monitoring** [Set79, Sie81]. **monoamine** [MSC+83b]. **monocarbides** [Nec83]. **monochalcogenides** [ADS83]. **monoclinic** [KAA85]. **monocompounds** [TP80]. **monolayer** [MH80a, MS80a, ZLP81]. **monolayer-phase** [MH80a]. **monolayers** [DC82b, DBC84, MB89, ZP82]. **monomer** [UT80, WHT86]. **monomers** [PSS86]. **mononitrides** [Nec83]. **Mononitro** [HKLM85]. **monophosphate** [Gre82]. **monophosphates** [GK80c]. **monopole** [MT87]. **monoradical** [EBEE87]. **monothioformic** [TLC87]. **monovalent** [LCDP80, Pac83, UTP82]. **monoxides** [Nec83]. **Monte** [DKLP81, DS89a, LG84, CC83, CFC83, CC84b, DBF89, MB86, Mcd81a, MMB84, MK81, RBL84, RBH+86, RC80a, Rom81, RJK83, Umr89, VR86]. **Monte-Carlo** [Rom81]. **Morokuma** [Pic83b]. **morphine** [CZ81].

morpholine [LHK81]. **Morse** [BPLB87, Cha82, LAGS89, RPS80, YG87]. **motifs** [SW81]. **Motion** [KN84, Ade87, DL83, Emi83, GS89, GSC89, HS80a, Hir80c, HJ80, Lin81b, LL82b, MB86, SCH84, SF80a, Wal88, Yar82]. **motions** [Fis84, LJK86, Shi87, Toy80]. **Mott** [Kve82, SC89]. **Mott-type** [Kve82]. **mouvement** [TV84]. **movement** [IHI80, TV84]. **moving** [KO80]. **MP2** [MHAS86]. **MP4** [PHGR88]. **MR** [Yam80b]. **MRCI** [Ess84, She87, SSP$^+$88]. **MRD** [KGEP89, KHRK87, KHK87, RKHK88, RKO$^+$89]. **MRD-CI** [KGEP89, KHRK87, RKHK88, RKO$^+$89]. **MS** [RC80b, BF81, CPGP83, OM81]. **MSM** [SRSR85]. **MSW** [SRP81]. **muffin** [BC84, BC85a, BC85b, RLS87]. **Mulliken** [Sie83a, May84, May85]. **Multibody** [FN84, NC84]. **Multicenter** [WJ82, Gus85, PŻ85, Sme84, SF80b]. **Multichannel** [AL81, GSL86]. **multicomponent** [Hos80]. **multiconfiguration** [BS81a, CHKB83, Mat81b, McW83, MN81]. **Multiconfigurational** [AJY80, JSYO83, SS80d, IS85, JSDK89, MRJ85a, MRJ85b, OJY83, RS80]. **multidimensional** [BHM87, CP86b, FC84, Mez81b, Mez83a]. **Multimode** [CKD81]. **Multiphoton** [LJW87, MS86, BSD82, Chu86, SAM82]. **Multiple** [KEIG86, Lin81b, PBFL80, Blo83b, CY80, CEZ83, DG86, EI81, Gra82, GBO86b, IST89, LHC80, PMT84, TMO86, FF84]. **multiple-scattering** [Blo83b, DG86, LHC80]. **multiple-well** [Gra82]. **multiplet** [CDG80a, DG86]. **multiplicity** [VARPU84, Wol88]. **multiplier** [NDBE82]. **multiply** [RGW88]. **Multipole** [RL86, SIN80a, BEL89, ES80, Pie82, RL88, Sen84, SHK87b, SMHK89, TT83]. **multipotential** [KHRK87]. **Multireference** [KHCH85, KB88, Yam80b, BBO83, Bur83, CHKB83, LB83, LSBS81, MJ89, RSMM86, SBB87]. **multishell** [Tai89]. **Multistep** [SRSR85, SSR86, SSRR87]. **multistreak** [BEL89]. **Mum** [Cal88]. **muon** [TSA86]. **muonium** [STG86]. **muramic** [Yad83]. **muscarinic** [WMP$^+$83]. **Muscle** [Ben81, MSM81]. **mutagenic** [PKP$^+$81]. **mutagenicity** [LSH88, SVS81, SJH89]. **mutant** [RB88d]. **mutations** [KBR83]. **Mutual** [Con88b]. **my** [Kot84].

N [CMDBVMA89, Pic83a, Sch81, Tew87, TWL82, BH89b, DMB86, GC84d, Gou86, JY81, KL80, ST89, Wor81, TR86, AM84, AYBP83, ADT$^+$89, BF83a, Che80, CZ81, CZM83, DF89, Don82, DD89, Gre87, GT83, HDFL84, Ish86, Ish88b, JSDK89, KU80, KPSK80, LH85, LHK81, MS87, MTWO83, MK80, MA80b, NC84, PKP$^+$81, Rér89, RT84, Sie83b, SRL$^+$83, Tew87, Tew88a, Tew88b, TR86, Yad83, ZW83]. **N*** [RR87b]. **N-acetyl** [Yad83]. **N-acetyl-glucosamine** [Yad83]. **N-alanylcarbonyl** [Tew88b]. **n-azines** [BH89b]. **N'-dimethyl** [TR86]. **N-glycylcarbonyl** [Tew87]. **N-heterobicyclic** [Gre87]. **N-methyl** [JSDK89]. **N-methyl-N-nitrosourea** [KPSK80]. **n-methylacetamide** [KL80]. **N-nitrosamine** [DD89, TR86]. **N-nitrosamines** [RT84]. **n-propylamide** [ST89]. **N-protonated** [CZM83]. **N-protonation** [CZ81]. **N-substituent** [CZM83]. **Na*** [Kun86]. **NaCl** [BEP81, DDP81b, PC83b]. **NAD** [PSG83]. **naloxone** [CZ81]. **Namur**

[ADL78]. **naphthacene** [MTI80]. **naphthalene** [WK83]. **naphthalenesulfonate** [WS80a]. **naphthyl** [ST89]. **naphthylamines** [Gre82]. **naphthylnitrenium** [Gre82]. **Náray** [Tap88]. **Náray-Szabó** [Tap88]. **narrow** [KWBC80, Kun81]. **narrow-band** [KWBC80]. **Native** [SF89, BF81, LSS83]. **NATO** [ADL78, Cal81c, Cal82a, Cal86b, Dun80, Fro88a, Kel78, NB79]. **Natural** [HSB88, Poh82, Poh84, RW80b, RW81, Lar86a, Löw84, MSC$^+$83b, Mül81, Yam80a]. **Nature** [Bre80, Bry80, CBV85, ES88, PNGL83, PNA88, ST89, Suh86]. **NbC** [TP80]. **NDO** [BS80b]. **Near** [Dat82, Ada80b, Ada86, AHB$^+$80, De 80, Fis82, JBW87, Kun86, LK81, YVK$^+$80]. **necessary** [BD85, Kry82c]. **Need** [KKA80c]. **negative** [Bec82, CB82, Del87, MF87, SOS84a, SOS84b, Sin89]. **negatively** [Sil82]. **Nenad** [Brä86a]. **neocarzinostatin** [SG81b]. **neon** [AB87, Bec82, PS84, SI89a, YUKK84]. **neopentane** [YUKK84]. **nephelauxetic** [PNA88]. **nerve** [DBCJ86]. **nervous** [Cow82]. **nested** [Mez86b]. **net** [YHG89]. **Network** [Mez84e, KSSH85]. **networks** [Koh86, Mez83b]. **Neumann** [FC81c]. **neurotoxins** [Gri81]. **Neutral** [CGT86b, SMHK89, Bec82, Csa81, KL80, VGG88]. **neutrino** [KJMS85]. **Neutron** [Chi81]. **Newns** [MBD84]. **Newton** [Sch89, YKZ$^+$89]. **Newton-** [Sch89]. **NH** [BFOP83, Del87, KBT80, KKTE80, CPS89, GP82, KTS86, Mül81, SJ88]. **NHOH** [Sch83a]. **Ni** [RB88b, JR85, RSGK88, RLH86]. **nickel** [FS86c, SR84a, WD81]. **NiCO** [RW80b, RW81]. **Nicolaides** [Gos80]. **nicotinic** [YHG89]. **NIDDM** [RB88d]. **Ning** [Ban82a]. **nitride** [DPR80, LL86]. **nitrides** [PT89a]. **nitriles** [MA80b]. **nitroaniline** [PD85]. **nitrobenzylidene** [PD85]. **Nitrocubanes** [HKLM85]. **Nitroexplosives** [HKK$^+$82, HKKM83]. **nitrogen** [Gan81b, GG81, GC85a, KB86, KKC$^+$86, MG83, RR87b, RJK83, SF81a, TL83, Yam81, Živ83]. **nitrogen-activated** [Yam81]. **nitrogen-containing** [RR87b]. **Nitromethane** [CSB86b, Bar86, KHCH85, RKHK88, RKO$^+$89, SHK87a, SRL$^+$83]. **nitropolycyclic** [LSH88]. **nitropropene** [DT83]. **nitrosamine** [DD89, RT87, TR86]. **nitrosamines** [RT84]. **nitrosating** [RT85]. **nitrosation** [RT84]. **nitroso** [LHK81]. **nitrosourea** [KPSK80]. **nitrosoureas** [Lew88, SS83]. **nitrous** [FD89c, RT85]. **NMP** [ZY85]. **NMP-TCNQ** [ZY85]. **NMR** [Gee89, BH89b, FC80a, FC81a, Fuk83, Gol88, Gup80, GB81, GSS85b, GUSS89, Khe81, MS86, MSM81, MG80]. **NO** [CHKB83, RKO$^+$89, SRL$^+$83, Fro81, Fro83a, BF83a, MSI80, Nak83, KHCH85]. **noble** [CADL86, SSF$^+$84, TSA86]. **noble-metal** [SSF$^+$84]. **nodal** [SSK84]. **Nodeless** [Hun80, Hun81]. **NOE** [GSS85b]. **Non** [RLS87, BC84, BC85a, BC85b, BOW80, KHRK87, WJP83, SS85]. **non-Bloch** [BOW80]. **non-degenerate** [WJP83]. **Non-muffin** [RLS87]. **non-muffin-tin** [BC84, BC85a, BC85b]. **non-protonated** [KHRK87]. **non-Watson** [SS85]. **nonabelian** [PS88]. **nonactin** [GP82]. **Nonadditive** [GPN80, Nov83a]. **Nonadditivity** [CKLR80, SR80, FM86]. **Nonadiabatic**

[KL89, Pos83, DM85, Dun87, MR80a, Röm83, Sme86, Yar87]. **nonadjacent** [EBO83]. **nonalternant** [PSIT87]. **Nonalternate** [EB82c]. **nonanes** [RW80a]. **nonbenzenoid** [EB82c, EBEE87]. **nonbijective** [KN84]. **Nonbonded** [RSP+80]. **nonbonding** [PSIT87]. **noncanonical** [McD81b]. **nonclassical** [MR80c, PSIT87, TK86, TIS+88]. **Noncovalent** [ACGT89]. **noncrossing** [ZRY83]. **nondegenerate** [Kal85, MJ89, WJP85]. **nondiagonal** [Ort89]. **Nonempirical** [BLR81, BDK86, BCBS81, Ran84, WS80b, HPK81, LHK81, SHP+80]. **Nonenzymatic** [SRC84]. **nonequilibrium** [DC82a, KCP80]. **noninsulin** [RB88d]. **nonintercalating** [KMRK86]. **noninterfering** [Sla83b]. **noninvasive** [Gup80]. **Nonlinear** [Bes88, CB82, MD82, SCH84, Dat85, DR84, HC80, Kir89, Lun89a, OJY83, RDH84, SC86a, SC87, Sin81, Toy80, Tru83a, WGS85, WBM88]. **nonlinearly** [BS83b]. **Nonlocal** [Lun89a, GR89, SL86, Ulm85]. **nonmetallic** [ADS83, Woo82]. **nonparabolicity** [CE88]. **nonplanarity** [BKJ88, SY82]. **nonpolar** [Hir80c]. **nonrelativistic** [Bli80, Bli84, Köh89]. **nonrelaxed** [SB87]. **nonresonance** [SHS84]. **nonrigid** [LM82a, SB81, SB83b, TNY86]. **Nonrigidity** [KKD80]. **nonseparable** [Hal80]. **Nonsinglet** [CK82]. **nonstationary** [BHS85]. **Nonuniform** [Per82, IAAA89]. **nonunitary** [Mal86]. **nonvariational** [HK86]. **nonzero** [YKZ+89]. **Normal** [SZR80, GMP+84a, LSS83, RB88d, RDG84a]. **Normal-mode** [SZR80]. **normalization** [MMRY88]. **Normalized** [NP81]. **Normally** [HYZ89, CS87]. **Nos** [Zer87]. **Note** [TS82, Wój86a, Wor81, FF82, IS85, Kau87, Sab80b, LCÖ84]. **Notes** [Ågr88, Fro81, Fro83a, Ing80, Ten80b]. **notion** [Del81a]. **Novel** [EB82a, EB82b, EB82c, GK80a, BT84, CNT89, DM83a, Lar86b, Živ83]. **NP** [FD89b]. **NPF** [FD89b]. **NS** [KG86a, KG86b]. **Nuclear** [KKA80b, Mez86b, AC89, And87, BLV88, BB81b, DL83, Ela87, Fis84, GSMRM85, GS89, GSC89, HL88, HLPV83, KL80, Mez81a, Mez82, Mez84d, Mez87b, MSGPP80, MS80b, PG80, PAFW84, SH89, SC86b, SG81a, Wal88, Wea88]. **nuclei** [GS89, Sen85]. **Nucleic** [HKG81, AN86, BVGV89, CC82a, DPZ80, FCPL84, GSS85b, HP81, LCCB81, MY81, MLA80, MGBH81, PSS+87, PP80, SM80, SGP+80, Tew87, Tew88a, Tew88b, SHK87b]. **nucleophile** [BP84]. **nucleophiles** [FS86b, LPCF80]. **nucleophilic** [CSB86a]. **nucleoside** [CS81, SRO81, SC80a, Sar81, SP81, SP82a, SC84a, SP86b, Sar89]. **nucleosides** [SC84a]. **nucleotide** [PT89b]. **nucleotides** [JY81, SGP+80, Yon85]. **nucleotidyl** [SW81]. **nucleus** [AGB82, BZA84, IQ87, MA80b]. **number** [ČD87c, KPM83, MC88, ZLH87]. **numbers** [BNS+87, CS82, EBO83, KEB87, Rec80, SMKT86]. **Numerical** [Bot81, DSB84, IAAA89, MS84, Mes85, PČP82, PBA88, Tel88, AB84, AB87, AM87a, BVB88, CP86a, DD87a, GKMV80, HC81, LPS83a, LPS83b, LSP85, LP87, RB88c, RI88, Tho85, WB89, Yon85, DD87a, JMD88]. **NY** [Mår82].

O [AM82, BMMS81, BDK86, CF81b, Dat82, ES81, EHK83, GLLOB86a,

JRK84, Mar81a, PXLC86, PR83, SOS84a, SJ85, Sch80a, Sin89, SS86b, SS86a, AJY80, BMMS81, BF83a, BBL81, CP85b, DPC82, Deá83, DF89, FN84, Gan81a, GT86, GT87a, GLLOB86b, GLLOB88, GC87, GA82, Ish86, Ish88b, INO88, KS89b, KTS86, LCCW87, NT80, PKP$^+$81, Rér89, SJ88, SAS86, SS80e, Wój86a, YOJ81]. **o-benzosemiquinone** [SS86b, SS86a]. **O-methylation** [SS80e]. **O/Pt** [PR83]. **observables** [Ran80d, TV83b]. **observations** [Eri89, NCH$^+$89]. **observed** [Gup80, MG80]. **obtained** [Cze87, GSMRM85]. **Obtaining** [MM82, CTV80, CT81, VTT81]. **obtainment** [DQ81]. **obtention** [TV84]. **OC** [SHP$^+$80]. **occupancy** [DS80b]. **occupation** [CS82]. **occurring** [ECM89, JL85]. **octahedral** [ACCYCC80, Bha82c, RD84]. **octanitro** [HKLM85]. **octic** [VCV87]. **October** [Kel78]. **OD** [GT87a]. **off** [CF81a, CE88, FC82b]. **off-center** [CE88]. **off-diagonal** [CF81a, FC82b]. **Office** [Cal81a]. **OH** [AM82, CF81b, ES81, GT86, GT87a, KS89b, LGL$^+$84, SHP$^+$80, Bau86, Del87, Kry86, LHK81, SOS84a, SOS84b, SS89a]. **OH-transition** [Bau86]. **OHCl** [Wój86b]. **Ohno** [Pic83b, Pau89a]. **olefins** [CSB86a, FZZ87, LY83]. **oligomers** [DPS87]. **oligonucleotides** [GP83b, WMS81]. **oligosaccharides** [BR81b, Tva89]. **omega** [SDBDSMG86]. **Omission** [CV82a]. **oncogenes** [LČ84]. **oncoproteins** [LS85]. **One** [BLG85, De 83, FW80b, Lás85, PŻ85, Tin80, BB82b, Bha81b, CC84a, Cio89, DB81, DFP80, DR80, EB87, FA86, Gru85, Hal87, HSB88, HM89a, HT85, Hun86, Kah84, Ker81, KS87a, KPS87a, Kve82, LC83b, LP85, MR80a, MZ85, MC89, MST$^+$80, MPB84, PSM87, RP81a, See84, TIYH86, TH81a, TNY83, Tel88, TPN86, Tus86, Wei88, ZW83, Hur82, LPS83a, PDKC84, Sto82b]. **One-** [BLG85, FW80b, PŻ85, MPB84, PSM87, Sto82b]. **one-body** [DB81]. **One-center** [Tin80]. **one-component** [Kah84]. **one-dimensional** [CC84a, DFP80, DR80, HM89a, Ker81, KS87a, Kve82, MR80a, MC89, TIYH86, TNY83, Tel88]. **One-electron** [De 83, BB82b, Bha81b, EB87, HT85, Hun86, KS87a, KPS87a, LC83b, MZ85, RP81a, TH81a, TPN86, ZW83, LPS83a, PDKC84]. **one-matrix** [LP85]. **One-Parameter** [Lás85]. **one-particle** [Cio89, Gru85, HSB88, Wei88]. **ones** [KRST83]. **only** [GTB80, Gla85, LRT88]. **onto** [KPH88]. **OP** [FD89b]. **Open** [HK86, Mes80, BB82b, Bha81b, Big86, BK82, BS81b, Bor85, CS82, HČ83, Mes85, Obc84, PL80, Pan81, Sch80b, FCB80]. **open-** [PL80]. **Open-Shell** [HK86, Mes80, BB82b, Bha81b, Big86, BK82, BS81b, Bor85, HČ83, Mes85, FCB80]. **Opening** [Fri82, Man81, Wij83a, Wij83b, KHRK87]. **Operator** [SPRS89, Bak85, Böh83, Bor82, CMM83, DMB$^+$84, FS86a, HYZ89, HYS89, KS82, KS84, Kut84, Lar83, MD87, MS84, Niu80, Özk84, Pan89, PBFL80, Tay85, Tim86, WS81]. **operators** [Alt89, ACH83, Bal82d, BPLB87, Bro80, CDG80b, CA80, Dal80, Dem86, GC84c, GC84d, Hub85, KPP85, KPP86, Kat89, Lar83, Löw82a, LFM89b, MZ85, ML81, MPS86, PM83, Pan82a, Pan82b, Pan85, QX89, Ste81, SLT84a, SLT84b, Tai89, Wei88, Wit81, ZS85, ZS86, WS82]. **opioid** [CZM83]. **Oppenheimer** [Röm83]. **Optical**

[AH86, Gan80, Gan81b, SST83, TM83, Vol88, BMMS81, Big86, BH89b, GSL86, GF88, GBO86b, Has85, HLR80, LHZ80, Suh84a, VTT81, Vol89b]. **Optimal** [SH87a, VR86]. **optimization** [BSZ81, BMBK82, DPC82, Dem83, DR88, HGPF89, HWZ88, JMD88, Kar86, Kar84b, KEGS81, LWÖ81, PG80, PM81, RTM81, RTM83, RMM83, RTM86, SS80d, Ten86b, WH87, WBM88]. **optimized** [ČV86, GSO$^+$87, HOT87a, HOT87b, Mor88, PG80, PDC81a, PDC81b, SM84, ZNS80]. **optimizing** [CP86b, JWOÖ82]. **optimum** [Kar84b]. **optogalvanic** [KKCM85, KKC$^+$86, KKCM87]. **orbit** [Ågr82, Har87, HS80a, HBC86, RTC81, VP84]. **Orbital** [Coo87, GTB80, LCC80, MRJ85a, MRJ85b, Yam82, Ågr87c, AEHH81, AEHM85, AEHNEA85, AEHA87, AN86, AØ80a, AØ80b, AØM81, AL86, Bal81b, BB82a, BR80, BMBK82, Bha82c, Böh84, BSCR80, CS81, CD89b, CF81b, CH82, Das82, Del88, DCF82a, Duk82, DO84, Edw88, EIMS87, FC81a, Fer88, FS86b, FS87, Gal82, GC85a, GKMV80, HOT87a, HOT87b, HTD80, Hib81, Hil81c, HM89b, INFU84, IAAA89, JT85, JSDK89, Kar81, KO81, KS82, KTGR89, KD80b, KK82b, LER87, Lew88, Lib84, LZY83, LSH88, LP80, Mal86, MBR80, MR81, MR80b, Mül81, MR80c, OS89a, OS89b, PP83, PKP87, PBFL80, PD84b, PKC85, PSK$^+$81, PM81, Qia83, RB81, SC80a, SP81, SP82a, SC84a, SP86b, Sch82, SG80a, SJH89, STS82, TS80, TP85, Ten88b, TN80, TMC84]. **orbital** [Yam80a, ZLH87, Živ86, Živ87c, ddF86, vDTBN80, LHP80, RB88a]. **orbitales** [SV85a]. **Orbitals** [Ger86, AB87, AM87a, ADF$^+$88, ACCC80, BSZ81, BVC80, BYBZB83, Bri86, BVAB81, Cal85, CEB86, CP85a, CA80, CP83a, DBES80, Dov86, Ess86b, FC80a, FC81a, FFF88, GM83, GKMV80, Gus85, Gus87, Her83, HDFL84, Hir80b, HSB88, Jon80, Jon81b, Jon81a, Jon81c, Jon82, Jon83, Jon85, Jon86, KCK83, Kau82a, KHK87, KS87a, Koe86, LPB82, LL84, LC81, McD81b, Mey88, Niu84a, Niu84b, Nov83b, OI86, OK80, OL82, PMT84, Pip85, QX86, RFST85, RLR88, RW80b, RW81, RSST86, SB87, STS83, SV85a, SF80b, SNSM82, SBWW80, TMO86, Yan85, ZLH87, Zho88, Nat86]. **Order** [CZ82a, Wu82, Ano82s, BNK86, BEO80, Ben82, Bha82a, BP80, ČV82b, CZ82b, CZ88, Cul88, Cul89, DF83a, Don85, ERB82, FF82, GV88, GY87, Ham82, Han88, Hir80b, HG86, KK86, KU80, Löw86d, Luk82, LW81, May84, May85, MMC83, MPD87, OJY83, Ort88, Ort89, PT84, PHGR88, RM82, SF81a, Sve88, TP84, Tay87a, Wil80b, YS80a]. **order-disorder** [RM82]. **order-equivalence** [FF82]. **order-isomorphism** [FF82]. **order-isomorphism/order-equivalence** [FF82]. **Ordered** [Wit81, HYZ89, MY81, SGP$^+$80, Zun85]. **Ordering** [EBO83, Gro85, MB83, Ret86, EBEE87]. **orders** [FEKC84, May86b, May86a, Sim82a, Tay83, Tay84, Tay86a, Tay86b]. **Ordinary** [Eng83a, Eng83b]. **Organic** [Cal86a, BHVR83a, BHVR83b, CGT86b, DR80, PL83, PL84b, RZ86, See81, Sey83a, Yam82, dSdMB86]. **organization** [Koh86, SGP$^+$80, ZP82]. **Organizer** [Jor89]. **organometallic** [Böh85, SCER88, WH87]. **organophosphorus** [HLKK82, LHKK82]. **Orientational** [MR87]. **oriented** [JD85, Khe81, NTM80, TM83]. **Origin**

[HZL84, Bed84, Dos84, DQT80, DQ80, DQ81, JBW87, Löw84, Ste84, You84]. **Origins** [Fox81]. **ortho** [JI88, KKA+83]. **Ortho-disubstituted** [KKA+83]. **ortho-lithiation** [JI88]. **Orthogonal** [Lim87, DMB89, FPT81, Iga85]. **orthogonality** [JT85, Kau82a, PLL86]. **Orthogonalization** [Cal89b, AEG80, BM86, Pip85, Rut81, GBW89]. **orthogonalized** [MÖ80]. **Orthogonally** [PP89]. **orthonormal** [Cio89]. **orthonormality** [PM81]. **Orthonormalization** [Cal85]. **orthorhombic** [KAA85]. **Oscillating** [Poh80]. **oscillator** [AMFC83, Bha80, Bri87, CF81a, CV85, FC87, Gan80, Gan81b, GY87, GC81, GC82a, HZBR89, MPB84, MPS86, Özk84, PM83, PSM87, Rei80, Sil82, TS82, VCV87, Wes82, YOJ81, YG87, NT80]. **oscillators** [BS83b, BHS85, ČV86, Gra82, HY89, Lef83, LAGS89, RPS80]. **oscillatory** [VGG88]. **other** [ES88, HBC86, Kau82a, OWÖ81, PP81, RKHK88, RKO+89]. **our** [GC83]. **out-of-plane** [SK87]. **Overlap** [MG85, Cla83a, FSP87, Jon80, Jon81c, Jon82, LZ87, Pan83, Qia83, ST80a]. **Overlapping** [Blo83b]. **overlayer** [Boe88]. **Overview** [KSSH85, Sim82a]. **oxatriazole** [JSDK89]. **oxene** [PL83, PL84b]. **oxetane** [KHRK87]. **oxetanes** [KHK87]. **oxetanone** [Tho80]. **Oxford** [Ågr82, Ågr85, Gee89, Kum87, Mou89, Rat87, Rat88, Rös87]. **oxidase** [MSC+83b]. **oxidation** [PSG83, SG82, Wol88]. **oxidation-reduction** [PSG83]. **oxidations** [CD89b, PL83, PL84b]. **oxidative** [Yam81, YKTA80]. **oxide** [Ell84, FD89c, LJK86, SA86b]. **oxides** [EGP86, LPCF80, PT89a, Sch88, SS88, WBK86]. **oxidized** [KKTE80]. **oxirane** [FS86b, FS87, KHRK87]. **oxo** [CD89b, CD89c]. **oxo-catalyzed** [CD89b]. **oxocarbons** [VFA81]. **oxopregnane** [VT82]. **oxopyridine** [DKLP81]. **oxopyrimidine** [LOB85]. **oxy** [Yan85]. **oxy-ions** [Yan85]. **oxyanions** [SA80]. **oxygen** [GG81, GSRG80, GSR83, LCCW87, Min80, RZWL80, SF81a, Sin89, SG85a, Živ83]. **oxygen-liganded** [LCCW87]. **oxyheme** [LHZ80]. **ozone** [ARZ+89, CKK86, MASF88, Yam80a].

P [Ågr82, Ågr88, BDK86, Cal89a, Fro88a, Fro88b, KS89b, Kun86, LC82a, Mar81a, Rat88, Sme84, Tap86, Che82, CS83b, GT86, PD85, PD87, PO85, CLL86, Gup80, LL85, MMB84, MG80, NS82b, NC84]. **P-450** [CLL86, LL85]. **p-benzoquinone** [CS83b]. **p-dimethylamino** [PD87]. **p-dimethylaminobenzylidene-p-nitroaniline** [PD85]. **p-nitrobenzylidene-p-dimethylaminoaniline** [PD85]. **P450** [LCCW87, PL83, PL84b, WCLZ86]. **P700** [OMC82]. **pA** [GJMLRGSA85]. **packet** [ABCV86]. **packets** [BS83b]. **Padé** [BEO80, Bha80, Bha82b, CB88, Cio88a, JSSS80, Rei82]. **pages** [Zer87, Fro83a]. **Pair** [CG80, GSO+87, SS80b, AB84, AL87, FPT81, GAL86, GBZ86, HS80b, IL84, ITKD80, IPV81, JP80, KHNT86, MGN82, McD80, Nes87, OMC82, Pul83, SS84a, UB86, vDTBN80]. **Pair-excitation** [GSO+87]. **pair-wise** [ITKD80]. **paired** [PKP87, Rut81]. **pairing** [AØ80a, Kar85, May86c, Yam82]. **pairons** [Lar86a]. **pairs**

[CLS81, CS83b, CCD+84, CAML87, DDFA87, GjC86, HP81, KJL87, Lar86a, PS81, SS84a, SS85, SSYR87, YS80a]. **Pairwise** [NP80]. **palladium** [BASB86, GPN80]. **pancreatic** [LSS83]. **panel** [Jas80, Löw84]. **papain** [DOW87, DOW89, LPW83, vDTBN80]. **para** [BK84b]. **para-substituted** [BK84b]. **Paradoxes** [Gás86b]. **Parallelism** [CCD+84]. **paramagnetic** [FBM80, KG85, KG86c, KG86d]. **Parameter** [Lás85, DS87, FC82d, Nag87, ZNS80]. **parameter-dependent** [FC82d]. **parameterized** [VP84]. **Parameters** [HKFW87, BV80, Deá83, FC80a, FC81a, NKZ88, PV89, SK81, Tat81a, Ten80a]. **parametric** [FC87, FSK79]. **Parametrization** [Kar84b, SF80a, JIS87, LWK84, KN80]. **parametrized** [LHP80]. **parentage** [FW80b]. **Part** [Cal89a, Ano85c, ML83, ÖL83]. **Partial** [DS80b, Ort88, SST84, MTWO83, NMK84, Ort89]. **Partial-wave** [SST84]. **partially** [BB81b, KKTE80, NTM80, TN89, TM83]. **Participants** [Ano88i, Ano88j, Ano82s, Ano85c, Ano86f, Ano87d, Ano86e]. **Particle** [Mat81a, Živ88, AW83, AL86, ASL88, BFC80, Cio89, DL81, Ess86b, FW80b, Gru85, HS80a, HG86, HDO88, HSB88, Jar89, Kar89, KPM83, KN84, Kut80, Lar83, LWZ88, LFM89b, MM87b, Mor89, Odd82, OT80, PW86, Pos83, Wei88, Wor85]. **Particle-hole** [Mat81a, Živ88, DL81, Odd82]. **Particlelike** [FY82]. **particles** [Dem83, Gir80, KPP85, KPP86, PD83, RM87, Sto80]. **particular** [CCC+89]. **Partition** [Kia81, GJ83, LSH88, PC88, Sla85]. **partitioned** [Kau83, SRL+83]. **Partitioning** [Löw82c, GP86a, Gou86, HL83, RLPFA86, Tay83, Tay84, Tay86a, Tay86b, WS81, WS82, HS88]. **Partitions** [Sch83b, LCLC86, LCLC88]. **partner** [CT87]. **parts** [KTK80, KRST83, KRBM85, Rei82, Sil82]. **passage** [UTVP85]. **passivation** [DAL89]. **Path** [Mar88a, BM89, EBEE87, Hil81a, MPP+81]. **Pathological** [DC87]. **pathophysiology** [RB88d]. **paths** [BB84, Mez87b, PL83, PL84b]. **pathway** [BDR+88, HSR86, KHCH85, PSBB83, SS82]. **pathways** [KHRK87]. **patterns** [JM81, MSC+83a]. **Pauli** [FWS+85, BG88, Bon81, KM89a]. **Pauncz** [Cal82b, Wor81]. **Pb** [SRC84]. **PBG** [SRS81]. **PbTe** [HLPV83]. **PCILO** [BP80, LPW81, LW82, LW84a, LW84b, LWK84, Tew88a, VT82, Yad83]. **Pd** [AS86, DK87]. **PdCl** [LOR84]. **peak** [CPMP86, PGG80, Suh86, MPP83]. **Peierls** [Kve82, MW87, OBMU82]. **Peierls-** [Kve82]. **penetration** [BEL89]. **pentasaccharide** [YL83]. **pentasulfur** [TWL82]. **peptide** [AEHM85, GG83, HM84, HKG81, LGL+84, MDO+82, OLB+82, RB81, SFC86, SY82, UV83, VU85, Vol88]. **peptides** [HKFW87, MGBH81]. **peptidoglycan** [Yad83]. **Perdew** [Csa88]. **perfect** [BOW80]. **performance** [KST84]. **perhalogenated** [CKNG80]. **peri** [SL87]. **period** [Blo89]. **Periodic** [Car82, Ess82, Blo89, DPR80, Dov86, FC81c, KRT83, KKA80a, LW82, LW84a, MS80a, PABD80, PD80, Pur88]. **periodicity** [LW82, LW84a]. **permettant** [SV82]. **Permutation** [Kva82, DH84, Gal82, HDO88, Pan83, Ret86]. **Permutation-Group** [Kva82, Ret86]. **Permutational** [FS80, KPP85, KPP86]. **permute** [Hal87].

peroxidase [AWCL89, LCCW87, LCA89]. **peroxidation** [SAB+80c]. **peroxide** [CS87]. **personal** [Wil80a]. **Perturbation** [Au82, Aus84, Ben82, CLM80, Cha80, FC84, FC85, HHT82, HČ83, LS85, Mal82, RPS82, Suh83, TPČ83, Ada82, AČP82a, ACP84, AT85, Ano82s, BAG83a, Bha81a, Bha82a, Bha82b, Bue86, CS80b, CP85a, CMM83, CSK87, ČV82b, CV85, CZ82a, CZ82b, CZ88, Cul88, Cul89, DBCJ86, DP81, DS88, Gol84, Gra82, Ham82, HB86, HČP88, HA84, Hir80b, Hub80, IS85, IPV81, JJČ87, Kal85, KCK83, Kle87, KB88, LJC83, LC80, LB83, LGS87, LC88a, Löw82c, LN89a, Mak80, Mat81a, McD81b, MJ89, MMC83, Muk86, Muk84, MPD87, NBE87, PT84, PČP82, PS84, PHGR88, Sch83b, SI89a, Sel88, SF81a, Sil80, Sil82, Sim82a, SS87, SH87b, TNY86, TP84, Tay83, Tay84, Tay86a, Tay86b, Tim86, Vrs87a, Vrs87b, Wes81, Wes82, Wil80b, WJP83]. **perturbation** [WJP85, Wu82]. **perturbation-dependent** [HA84]. **Perturbational** [IA87, LL86, Sil80]. **Perturbations** [SWW89, Ing80, MT85]. **Perturbative** [DBES80, HZBR89, BPT88, OL82, Ish89, McD80]. **perturbed** [AS89, CTV80, CT81, ENH+87, HČ83, LW82, LW84a, RPS80, Sad83, Sil80, Wes82]. **Pethig** [Mår80]. **Petr** [Fro81]. **PGA** [KD80b]. **pH** [MG80]. **PHARM** [KKH+83]. **PHARM-MATCH** [KKH+83]. **Pharmacological** [FHH+87]. **pharmacologically** [BJR86]. **pharmacology** [GJ83, Kau81, KKH+83, Pal89]. **pharmacophores** [KKH+83]. **Phase** [BB81b, Dat82, DK82a, Mou89, Sie81, TN89, ACP82b, BBLR84, BL81a, BSD82, BBO83, BFC80, BS83b, DS81a, DC82b, GRS+82, GLP83, Hal83, Hir80a, Hos80, II82, KKA+84, KS87b, MH80a, SO85, ST89, Set79, SS81b, Sta71, Sta87, UT80, WBM88]. **Phase-coexistence** [BB81b]. **phases** [Sti82]. **phencyclidine** [WMP+83]. **phenol** [SHL82, WCE89]. **phenolic** [BDP+81, Sey80]. **phenols** [LaF89, MG89, SG80a]. **phenomena** [Ber88, DR84, DS80c, DBC84, Har82, Hic83, LM86, Ras88, RDH84, Sew86, Sta71, Sta87, Mou89, Kum87]. **phenomenological** [Dun87, TT81]. **phenotypic** [GMP+84a]. **phenyl** [SJ88, SJH89]. **phenylalanine** [KM80]. **phenylene** [LJK86]. **phenylethylamine** [AEHA87, Luk81]. **phenylfurans** [AEHH81]. **phonon** [Sin86, SDS83]. **Phonons** [Cal81b, CTP83, LVL+85, ST86b, WS79]. **phosphate** [KVR85, LN89b, NL89]. **phosphatidylcholine** [DS81a]. **phosphodiester** [BVGV89]. **phospholipid** [ZLP81, ZP82]. **phospholipids** [Lal81, SPSG85]. **phosphonitrilic** [FFF88, FD89b]. **phosphorescence** [MMI+82]. **phosphorus** [RDG84a]. **phosphorylation** [LHKK82, YKTA80]. **photo** [Yam81]. **photo-oxidative** [Yam81]. **photoaddition** [FZZ87]. **photochemical** [LC83a, NH84, OYN80, San84, TMON80, YMO80]. **photochemistry** [BKP83, CPN89, Mår82, TR80, YG86]. **photocycle** [ES88]. **photodissociation** [KL81, SM82, SM83]. **Photoelectron** [CKNG80, CNK87, KNS+86, KKSM87, KNSM88, KMPTK89, KKA+83, KKA+84, NA83, Big86, Böh82, CKK86, KTK80, KRST83, KRBM85, KS81, LaF89, MW83, MKW85, PXLC86]. **photoemission** [BN80, CD85]. **photoexcitation** [HDFL84]. **photoexcited** [NTM80].

photofragmentation [LGS87]. **Photoionization** [FK80, VC83, FSW87, HM86, LPC$^+$80, Lar83, MLL83, MÖ80]. **photoisomerization** [Sme86]. **photon** [BP86, SH89]. **photons** [MDT85]. **photoreaction** [SD82]. **Photoreactions** [Pes83]. **photosynthesis** [Ave84b]. **photosynthesizing** [YVK$^+$80]. **photosynthetic** [ES88, RKV$^+$80, Tat81a]. **photosystem** [YVK$^+$80]. **Physical** [Ban82b, IRP81, Pic83b, Ada64, Ada69, Ada80a, Bel80a, ČPV81, CL86, DD87b, HZ83, LČ84, Laf81, Löw86e, Lun82, Nat88, Vas82]. **Physicochemical** [YKTA80, DBL84]. **Physics** [Cal81b, Cal89a, Bal82d, Bri84, Cho80, ČV82b, Ela87, HR83, See88, Var86]. **physisorption** [GK80b, Kre81]. **pi** [Don85, ST89]. **Picture** [Ano87t, Ano87s, AH86, DR80, GC83]. **piecewise** [Kau82b]. **pigments** [San84]. **pilgrimage** [Kot84]. **Piron** [Gre81a]. **pK** [XYSJ81]. **planar** [GLP80, LR89, TKY89]. **Planck** [Chu88]. **plane** [LOGC86, MÖ80, SK87]. **planning** [Mez84e]. **Plasma** [KO80]. **plasmas** [Fla81]. **plates** [Fis82]. **platinum** [BC80, PGPRN86, AAW82b]. **plausible** [LCP$^+$88]. **Plenum** [Cal82a, Cal82b, Cal86b]. **Plesset** [PHGR88, PFLB83, SS87]. **plots** [JY81]. **plus** [HSR86, Kau83]. **PN** [FD89b]. **pocket** [YVK$^+$80]. **Point** [BS84, GCP87, SBE$^+$83, BFOP83, CB82, FW80a, FW80b, FS80, GC87, Kib83, KBR83, KAA85, LLC83, Mey88, RBSR84, RSBR85, RSD82, Tai89, MMN87]. **point-charge** [RSBR85]. **points** [BB84, Ban88a, EB86, GYJ83, GBZ86, LRT88, RB86]. **Poirier** [Ågr87c]. **Poisson** [Csa86b, LPS83b]. **polar** [BSL$^+$80, GGDG86, GGDG87, PCA89, PS80a, SWW89]. **polarizabilities** [ADF$^+$88, ES80, GY87, GGM81, Kir89, Mak80, MMC83, MPPW82, Rér89, SK80, SS81a, Sen84, SIN80a, SJ84, TT83, WKH80, YOJ81]. **polarizability** [DBD$^+$85, DDFA87, MMC83]. **polarizable** [KS87b]. **Polarization** [RKV$^+$80, BVD81, Boč89, EC83, FNC86, GOS87a, Gee88, KWJ83, MDO$^+$82, MB84, MMC83, Odd82, Öhr85, Öhr86, RDG$^+$86, SD86, SST83, TTRL88, TSA86, WG80]. **polarized** [BPCT83, RR87b, YG86]. **polaron** [Emi83]. **polarons** [KSS81]. **poles** [KEB87]. **poly** [Bur85, CLP83, GLP80, JY81, PS81, CLP83]. **polyacene** [KLS89]. **polyacetylene** [KKA80b, KAM85, KWM86, Mar85a, MB80b, OBMU82, SI89b]. **polyacetylenes** [Dov84]. **polyamino** [GGM81]. **Polyaminopolynitrobenzenes** [HKKM83]. **polyaniline** [DPS87]. **Polyatomic** [AM87a, ME81, CR81, DM85, DSB84, GSC89, JS88, KFD85, KL81, LPC$^+$80, SH89, SM87a, YY83, Sie83a]. **polybutatriene** [Kir89]. **polychloroethylenes** [DO84]. **polycyclic** [BBR82, MBT81, PBMR$^+$84, SVS81, Sin88]. **polycytidine** [LS80]. **polydiacetylene** [Kir89]. **polyelectrolyte** [PP84]. **polyene** [PB82, Suh86, TPČ83]. **polyenes** [BPT83, Big86, BKJ88, CK82, Dia86, FEKC84, GBO86a, Has85, Has86, KC82a, PC83a, PCG83, PT84, PP83, TP84, TP85]. **polyethylene** [BSCR80].

polyfluoroethylenes [DO84]. **polyglycine** [Bal81a, KKA80a]. **polyhedra** [Kin86]. **polyhedral** [BL88, Loh84, TL86]. **polyhedron** [Mez85c]. **polymal** [Pos83]. **polymer** [BDD81, DL82, FDAC89, IA87, KS86b, TIYH86, Yar82]. **polymerase** [MLC$^+$81]. **polymeric** [ABD81]. **polymerization** [KHK87, THKM81]. **polymers** [ADL78, BSL81, Böh85, BCBS81, CB88, DFP80, DAPS81, Dov84, Duk82, DF83b, HM81, KKA80c, Ker86, KSSH85, Lad83, LK87, MW83, Nag82b, PSIT87, See81, SRC83, Suh83, Suh84a, TK86, TIS$^+$88, dSdMB86, TIS$^+$88, Cal81c]. **polymorphic** [BDR$^+$88, SR83]. **polynomial** [CP86a, KJT85, MKVP80, RBK85, ST83, Vrs87a, Vrs87b]. **polynomials** [BR85, BL88, GC82a, KT86, KT80b]. **polynucleotide** [SW81, SRC84]. **polynucleotides** [HKG81, ITKD80, SGP$^+$80]. **polypentapeptide** [VU85]. **polypeptide** [BCV81, FY82]. **polypeptides** [Bal81a, Gup81, LJHU89, Pin88, Urr88]. **polyphenylene** [LJK86]. **polyphthalocyaninato** [RB88b]. **polysequential** [JY81]. **polysilane** [Min87]. **polysulfanes** [TL80]. **population** [May84, May85, SH87a]. **populations** [Gas86a]. **porphin** [SF81b]. **porphinatoiron** [RGDF85]. **porphine** [KO81]. **porphyrin** [SK87]. **porphyrinatonickel** [Böh84]. **porphyrins** [RDG84b, RDG84a, RGDF85, WCE89]. **Portrait** [Ano89-28]. **position** [NMK84, RFST85]. **positions** [GBZ86, GC84f, SRH86]. **positive** [BZA84, CB82, DBCJ86, MMM81, Van86, Van86]. **Positron** [Ori81b, FBM80, Ori82a]. **possibility** [MF87]. **Possible** [KBR83, ZNS80, BPT88, BDR$^+$88, DS87, DA81, JY81, KMKC88, MP87, MPP$^+$81, PP82, Pra83, RT87, ST82, FCPL84, LOBS86, TR86]. **posteriori** [BDD81]. **potassium** [BLOW89, SA86a]. **potency** [DM83a, DBCJ86, RB88d]. **potent** [YKTA80]. **Potential** [BBL81, BBAT82, CLS81, DAPS81, GC82a, KNM83, Nom80, RBSR84, RSBR85, SB83b, TOK80, AGB82, AM89, BZA84, BB85, BD88, BPLB87, BSR80, Buf82, Bur85, CP86a, CSB86b, CLP82, CLP83, CM81, Csa83, DB81, ENH$^+$87, FN84, FF89, GSL86, GLLOB86b, GLLOB88, GM86c, GC81, GC83, HKP81, HLKK82, HKLM85, HS80a, HL81, Hel82, HH89, HR87, HM89b, ITKD80, JS88, JW86, JŻ85, JSS80, JEW88, KT80a, Kau83, KN84, KT84, Kob82, KM89a, Kry84b, LM82a, LB86, LCDP80, LCP81, LP81a, LHK81, Mez81b, Mez83a, Mez84c, Mez84e, Mez85a, Mil86, MT87, MS80b, MSI80, NHKY83, Nal80, NSL88, NCH$^+$89, NCKL81, NC84, OMCD81, OM82c, PD83, RJK83, RVK80, RS82, SH89, San84, SMD83, SM85, SWM82, SHKP80, SHP$^+$80, SRL$^+$83, SS80f, SG85a, ST86c]. **potential** [TS82, TB83, TH88, THKM81, UI80, Umr89, Urr88, Var87, Var81b, VGG88, WKJ88, ZLP81]. **Potential-Derived** [RSBR85]. **Potential-energy** [Nom80, TOK80, RVK80]. **potentially** [PKP$^+$81]. **Potentials** [FDAC89, AØM81, Bak85, BEL89, CC83, CPZS86, Eis88, FC81c, GRS$^+$82, GSS85a, GC82a, GC84f, GBO86b, HBSC83, HK86, HPKW81, Hun81, Kah84, KPH88, KAD81, KM85, KK87, KDA81, LJC83, LLS83, LPW81, MM87b, Mez85b, MB84, NP81, PC88, PZ84, PS80b, RNW86, RL86, RL88, RZP84, RLPFA86, Sch80a, SWW89, Sen85, Tin80, VTT81, WSD80, WW89, WJ80, Wea84, Win83, Yon85]. **Poul**

[Ågr87b]. **power** [EÖWZ84, Gos82a, KE82, NS83, WK85]. **powerful** [JWOÖ82, RT85]. **powers** [FS80, SO85, Smi89]. **pp** [Cal86b, Cal89a, Gos80, Mår80, Wol81, Cal86a, Rös87]. **PPP** [Has82a]. **PPT** [Ott86]. **PPT-MCF** [Ott86]. **Practical** [DOW87, MMRY88]. **prebiotic** [BCV81, LGL+84]. **predicted** [Bak85, RDG84b]. **predicting** [HLKK82, LHKK82]. **Prediction** [Coh86b, KKH+83, SHH+83a, Kau81, Sin80b, TN89]. **predictions** [SHPK80, Zun85, LCCW87]. **predissociation** [Chu86, COS82, DBVMB85, GDBRV87, Moi81, Mül81, TNY86]. **Preface** [Löw80, Löw81b, LCG82b, LCG83, SSS+86, Ano89m, Jor89]. **preferences** [Tew87, Tew88a, Tew88b]. **Preferred** [RMM83, RTM86]. **Preliminary** [Ano88y, Bou84, Min87, NCH+89, Wol88, Aus84, CHKB83, NW82, JD85]. **preparations** [BHS85]. **presence** [Var81b]. **present** [Löw89, SOS84a, SOS84b]. **Press** [Ågr82, Cal86b, Gee89, Kum87, Mou89, Pic83a, Rös87, Sie83a, Tap86, Ågr85]. **pressure** [Dun80, ESCC85, Kel78, McM86, TSA86]. **Preuss** [GSO+87]. **Price** [Gos80, KST84, LM81, Lun82, Mår80, Mår82, Pic83b, Pic83a, Sie83a, Wol81]. **Prigogine** [CDL82]. **primary** [Abd80a, Ave84b, DOW89, San84]. **principal** [Odd82]. **principle** [Bon81, Coo87, CTV80, CT81, Dal80, Hub80, Jac80, Kat80, Mat81b, Mez84b, Tac89, Wea82, WOT89, YKZ+89]. **principles** [Fuk81a, Suh84b]. **pro** [CBV85, CBV85]. **probabilities** [SMJ83, YKZ+89]. **probability** [Dea89, SHL86]. **Probable** [LČ84]. **probe** [GMP+84a, MY81, NPL89b]. **probes** [GB81, RM87]. **Probing** [JY81, Mår82, TR80]. **Problem** [Lin81a, ADF+88, ACDLH84, AZY84, Ave86, ALH86, Bli84, BERE85, Cio87c, ČD87c, CS87, CF83, CL85, DM83a, DS87, Dun87, GBW89, GC84c, GC84d, GC84e, GC85b, Hal80, Kar81, Kob86, Lal81, LZ89, MMRY88, MS89, McD80, MBKH83, MR80c, Pan84, Pan89, Per85, Per86, PS80b, PSBB83, Sel86a, Sel86b, Sil86, TV89, WW89]. **problème** [TV89]. **problèmes** [TV83b]. **problems** [Ade87, AM88b, Ble82, DMB+84, Dem86, DBES80, Edw88, FCO89, Gás86b, GJ83, HS88, JT85, Kim81, Kou80, Lan84, MSWC88, RM82, SRT81, Ska84, Tho89, TV83b, TKR86, Wei82, Woo82]. **procedure** [BB84, BBO83, GCP82, GPC85, GCP86, Iga85, JWOÖ82, KPS87a, Mat87a, MR81, MR80b, OM81, Pin88, Zer89]. **procedures** [BMBK82, Dal80, HPK81, HWZ88, LGS87, LHK81, PZ84, PP89, RB88c, SHP+80, Ten86b]. **Proceedings** [WJ82, ADL78, Don79, Jor89, Kel78, NB79, Pul79, PTG80]. **process** [AL80, Ave84b, CGG81, CS82, HM86, Jas80, KU80, Sey80, TOK80]. **processes** [BLG85, CGK82, CSK87, Cla80b, DBL84, FK83, Kha85, LC83b, LCD82, MS86, MLL83, See81, Ulm83, UVP+81, Var85, ZJŻ88]. **processing** [Tay87b]. **processor** [SBE+83]. **produce** [Dun88]. **produced** [GSMSG82, IDK87, RZWL80]. **Product** [Ori82b, DP81, JJZ+88a, JJZ+88b, Mor88, Røe81a, SPÖ89]. **production** [Gas86a, SAB+80c]. **Products** [Kat89, Bal82d, CP86b, LER87, Wit81].

professor [Ano87s, Ano89-28, Fox87, LGJLCB89, Ohn84]. **profile** [AM83b, GM81a, PGM80]. **profiles** [DT81, Smi89, Tha83, UTVP85]. **program** [BH89b, GRBP87, KKH+83, SSP+88, BHVR83a, BHVR83b]. **Progress** [Cal86a, Faz87, Kar89, SSP+88, Tru83b]. **Projected** [PS87, TF83a, TP80, Gal82, KC82b, KC83, Kar86, oLCC81, Löw83, SGEK81]. **Projection** [Alt89, AL86, BHM87, CV85, ČV86, ČVV87, LP87, SS86c, SS86d, SS87, Ste81, Tai89, Tim86, VCV87, ZS85, KS84]. **projections** [EC83, FNC86]. **projective** [Alt89, Her84]. **projectors** [Nag82a]. **prolate** [Csa86b]. **promotion** [Tho86b]. **proof** [May86c, Wor81]. **propagation** [KHK87]. **Propagator** [Win82, Bli80, BS81b, Bor82, Bor85, Don82, EC83, FNC86, GOS87a, Gee88, KWJ83, Odd82, Öhr85, Öhr86, Ort87, Ort88, Ort89, RDG+86, Sim82b, TR82, WG80, WG82, WK85, Wei85, Bak85, JWÖ83]. **Propagators** [Yar82, Bli84, Dal80, Hir86, Lar83, PM84a]. **propanelike** [WW82]. **Proper** [GYJ83]. **Properties** [ADL78, Kun81, LP85, MPD87, Wal88, AT85, ADS83, ARZ+89, Ano87a, AL87, AØC82, AH86, AWCL89, BSHK86, BEO80, BMMS81, BR81b, BEP81, BYBB84, BHVR83a, BHVR83b, BH89b, BCBS81, BCV82, BV86, CV82a, CS80b, CPGP83, CJZ+86, ČPV81, CL86, Coh86b, CA86, DS81b, De 83, DD87b, DF83a, DRS83, ECM89, Eps87, EB87, EHK83, FB83, GSG84, Gos82b, GEdP81, HOT87a, HOT87b, HSSW83, HA84, HLR80, HM84, HZ83, IS83, JL87, KC83, KK87, KKTE80, LCC80, LPP84, LP84, LPW83, LRZ84a, Lip88, LFM89b, Mår80, MR80a, MBT80, Mez84d, Mez87b, MPPW82, NS84, Nat88, NDBE82, NB79, PAFW84, PC83b, Pet79, Pie82, Pit84, Poh83, PDKC84, PSIT87, PP82, PH82, RP81a, RW80a, Ran80b, RK82, Ran83, RD84, RFST85, SMD83, SS83, SAP81, SB87]. **properties** [SZR80, STS82, Suh84a, TK86, TIS+88, WD81, YKTA80, ZP82, ZW83, Živ87a, JS86, Ågr87b]. **property** [GMS81, Gro85, Mez83d, DPC82]. **propiolactone** [Tho80]. **proportional** [CG86]. **Proposed** [CD89a, CM85, Csa89, KEB87, LCA89]. **propranolol** [PKH+81]. **propylamide** [ST89]. **prospects** [DBS80]. **prostaglandins** [GRP+80, KD80b, Kot81, Kot82]. **protamines** [PAFW84]. **proteases** [ST88]. **Protein** [HP81, HKG81, CGG81, Chu88, Fox81, Fra89, Gas81, LSS83, SSR86, SSRR87, TF80, Urr87, NSN89]. **Protein-ligand** [NSN89]. **proteinases** [NS82a, NS83]. **proteinoid** [FNPS82]. **proteins** [BEP81, BL89b, CCG+82, FHH+87, HKFW87, LCCW87, LJHU89, PP81, Pin88, SS84a, SS85, SB88, SKL80, YRS85]. **protobiological** [Mat82]. **protocells** [Mat82]. **Protometabolism** [SG84]. **Proton** [MSM81, MC89, MB82, PK88, Sch80a, Sch81, BP83, BCD89, DBCJ86, DOW87, DOW89, IHI80, KSK86, KJL87, KPTG88, KPT88, KS86c, LS86, LCA89, MP84a, NSP80, ÖHD89, PMCA88, SO85, San84, Sch83a, SSB83, SRH86, SD88, SWW89, SS86b, SG85a, FNC86]. **protonated** [CZM83, FS86b, FS87, KHRK87, KSK86]. **Protonation** [MBKH83, CZ81, KHRK87, LCF89, XYSJ81, KHRK87]. **protonic** [Loh85]. **protons** [BH89a, FC81a]. **prototypes** [DC86]. **pruning** [BD88]. **pseudobinary** [Zun85]. **pseudoconcept** [Del81a]. **pseudocrossings**

[OM82c]. **Pseudodegenerate** [EB82b]. **Pseudopotential** [SSF+84, Sza85, TLDK89, BL81c, DF86, Gás83, GG85, KSO84, Mor83, WBK86, GPN80, Bra86b]. **pseudopotential-CI** [WBK86]. **pseudopotentials** [Coh83, GG81, GG82b, GG82a, GG83]. **pseudoresonances** [WOT89]. **pseudorotation** [LMG85]. **Pt** [PR83, BDK86, KKTE80]. **PtCl** [LOR84]. **Publications** [Ano89-29, Cal81a]. **publishers** [Ågr87c]. **Publishing** [Ågr80, Ågr87a, Cal86a, Dun80, Gos80, Mic87, Ågr87b]. **puckering** [Wol88]. **Pullman** [LM81, Mar81a]. **Pulsed** [KKCM85, KKC+86, KKCM87]. **pulses** [BSD82]. **pure** [Gos82b, KS82, Was89]. **Purine** [LGPP+80, KBR83]. **purines** [Cal84, Eis88, SS81b]. **purity** [LW81]. **putative** [CLL86]. **pyramidal** [RK82]. **pyran** [FA86]. **pyrazofurins** [CS81]. **pyrazolones** [KKA+84]. **pyrene** [PZPL86, SG80a, UT80]. **pyridine** [BH89b, IHI80, TW88, YZ85, TS81]. **pyridines** [POK85]. **pyridinone** [Sch82]. **pyrimidines** [BCD+80, Eis88, SS81b]. **pyrolysis** [GMP84b]. **pyrrole** [IHI80, LP80, RDG84b, SRS81]. **pyrrolidine** [Sap80]. **pyruvate** [KK83, MSM81]. **Pyykkö** [Ågr88].

QCLDB [OYH+80]. **QSAR** [BNS+87, CNT89, MFM89, RSNT88]. **QSARs** [Lew88]. **quadratic** [CV85, Niu84a]. **Quadratically** [HGPF89, Sla85]. **quadruple** [Cul89]. **quadrupole** [JD85, Mak80, SS81a]. **qualitative** [BW80, SL81, TP87]. **Qualitatively** [Dav81]. **quality** [DPC82, GG82b, GG82a, LT89, Mcd81a, PDMC80, PDC80, PDC81a, PDC81b, PDMC82, RSST86, RST87, STS83, SP85]. **Quantal** [GVVDB89, CMDBVMA89, DBVMB85, YKZ+89]. **quantique** [Cal81a, SV85a, SV85b]. **quantiques** [TV83a, TV83b, TV84, TV89, Van85, VT85, Van86]. **Quantitative** [AABW80, AAW82b, BJR86, GDR85, SL81, Sey81]. **quantities** [BAG83a]. **quantization** [AL81, GSL86, Gir80, HA84, LAGS89, Ols86]. **Quantum** [BNK86, Ber88, BS83b, BCV80, BVGV89, CBV85, Cal89a, CLL86, Con88b, CAML87, Del83, FGMM80, GGDG86, GGDG87, GD82b, GM83, Gol88, GJMLRGSA85, GK80b, GSS85a, HLKK82, H+90, IMTG80, JL84, JRK84, KJMS85, LOBS86, LM89, LHKK82, LP81b, MG83, Mar89, Mar81a, MSC+83a, MSC+83b, MMI+82, OM82a, OM82b, OM83b, OM83a, OM84, OM85, OM86, OMH89, Pul79, PTG80, RBL84, RBH+86, SZ84, Sew86, SBE+83, SPSG85, Tap86, VMMV80, Woo80, Yad83, Ågr87a, ACP82b, Ano84a, AZY84, Ave86, ALH86, AA89, Bar85, Bec89, Bel80a, Ben81, Ber81, BQS87, BERE85, BV86, Cal82c, CDL82, CD83, CSK87, CB85, ČV88, CCD+84, CT84, CT98, CE86, CE87, CE88, De 80, DFP80, DAPS81, Dew88, Dun87, Eri89, FC81b, FC81c, FC81d, FC83, FC82e, GS89]. **quantum** [GPLP85, GOLC87, GJ83, Gos80, Gre80, Hal80, HKLM85, HCCB86, Hay82, HM85a, HM81, HYS89, Hun80, Jac80, Jas80, Jor89, JJ83, Kau81, Kib83, Kim81, Kot84, Kot82, Kou80, KLDD84, KPS87a, KPS87b, KPS88, KEB87, KB87a, Kun83, LOF83, Lan84, LM81, Lar86b, Law87, LFL+81, LOGC86,

LCD82, Löw82b, Löw86c, Löw89, LN89a, MN81, Mat87b, Mat87c, Mat87d, May86b, Mcd81a, Mez83b, Mez84a, Mez84b, Mez84e, Mez85b, Muj86, NB79, Obc84, Pal89, PNGL83, Pau89b, PS80b, PP81, PBM85, PSK86, PSG83, Pur88, Ran80d, Sad85, SBH$^+$85, SBH$^+$86, SIN80a, Sil84, STS82, SMS84, Sin88, Sla83a, Sla84, SV85a, SV85b, SvG89, SHL86, SF81b, SSN$^+$84, Tac83, Tew88a, Tho83, TV83a, TV83b, TV84, TV89, Umr89, Van85, VT85, Van86, VCB83, WS81, WS82]. **quantum** [Zer87, ZLH87, Živ88, ADL78, CA86, FHHE80, Hil81b, HZ83, Löw81a, OYH$^+$80, Ågr85, Cal81c, Cal82a, Gee89, Kum87, Pic83b]. **Quantum-chemical** [GJMLRGSA85, JL84, VMMV80, Mez83b, Mez84a, Mez84e, PNGL83, SMS84, Sla83a, Sla84]. **Quantum-field** [FGMM80]. **Quantum-mechanical** [JRK84, LM89, AZY84, HM85a, PBM85, SSN$^+$84]. **quantum-mechanically** [Ran80d]. **quartet** [LÖ85b]. **quartic** [ČV86, Rei80]. **quartz** [SC89]. **quasi** [Boč87, FF89, MST$^+$80, See84, SST83, Tus86, WJP85, Boč88b]. **quasi-degenerate** [WJP85]. **quasi-free** [SST83]. **quasi-one-dimensional** [MST$^+$80, See84, Tus86]. **quasi-relativistic** [Boč87, Boč88b]. **quasi-stationary** [FF89]. **quasianalytic** [Ori80]. **quasiclassical** [ES81]. **quasidegeneracy** [AJ83]. **Quasidegenerate** [Kva83, JP80, Kal85, Mat81a, MJW88, SF81a, SH87b, WJP83, Yam80b]. **Quasifree** [BMG82]. **quasiparticle** [BK84a, HS88, LH87, PPB87]. **Quasirelativistic** [BC80, KK85, FS86a, KK86]. **quasispin** [ČPV81]. **quasistationary** [Tac82]. **quaternions** [Alt86, Alt05, Rös87]. **Quelques** [TV83a]. **Quenching** [GMP$^+$84a, MMS$^+$86, Yar87]. **questions** [Ada64, DPZ80]. **quinazolines** [AABW80]. **quinizarin** [PBM85]. **quinones** [GSG84, Pul86]. **quinoxalines** [KKA$^+$83]. **quotient** [Cio87b].

R [Cal82a, Cal88, Dat82, Fro88b, Gos80, Mår80, Rat87, Wol81, CBV85, TNB86]. **R-Matrix** [TNB86]. **rabbit** [MSM81]. **Racah** [MPBN81]. **radial** [IPV81]. **Radiation** [Tap86, CT84, CT98, IDK87, MST$^+$80, MGBH81, SM82, SM83, Wal88]. **Radiation-Molecular** [Tap86]. **radiation-molecule** [CT84, CT98]. **radical** [Big86, CKM84, Nak83, SP86a, Sey80, SS86b, SAB$^+$80c, SL80, SDS83]. **radicals** [CV82a, DS81b, GSMSG82, GMP$^+$84a, Gas86a, SSUF80, SKS83, SS86a, SL80, SKS83]. **radii** [HČP88]. **Radiobiology** [Var86]. **radiofrequency** [KKC$^+$86]. **radiological** [Var86]. **radiolysis** [GSR83]. **Radioprotector** [BCV80, BV86]. **radioprotectors** [BCV82, VV87]. **radius** [Wea82]. **Raman** [BMMS81, SHS84, TW88]. **Randic** [VV87]. **Random** [CS83a, BBO83, BFC80, Lar83, MY81, PV89, RWG83]. **random-phase** [BBO83]. **Random-walk** [CS83a]. **Range** [EY82, BW80, CPS81, CP83b, DAPS81, GSRG80, GSS85a, Kog84, NPL89b, Pie84, Pie85, PABD80, RM87, YA87]. **rare** [ADS83]. **Raster** [Bri84]. **rat** [Fin89, Sey81]. **rate** [Bar86, Chr89, ES81, GT86, Kha85, MD82, NS82a].

rate-determining [Bar86]. **rates** [BL89b, GT87a, LAGS89]. **ratio** [BB81a, SH89]. **rational** [ČVV87, JSSS82, Löw82c, RSNT88]. **rationale** [Tac87]. **ratios** [BS82a]. **rattling** [Hir80c]. **ray** [CFG+83, GM83, KB86, KPS87a, POT80]. **Rayleigh** [Tay83, Tay84, Tay86a, Tay86b, Bha81a, Bha82a, CMM83, Cio87b, Hub80, PČP82, Tho85, Vrs87a, Vrs87b, Wil80b]. **Raymond** [Ågr87c]. **rays** [JTST87, KTS86, TST89]. **RDX** [HKK+82]. **Re** [Fro83a, KEIG86, Toy88]. **Reaction** [GT87a, KKZ86, ZCH89, Abd80a, BB84, BBGS84, BP84, BDR+88, Bur86, Chr89, Cla86, Dew88, ES81, FGG83, Fro88a, Fuk81a, Fut87, GSM83, GTB80, GDX89, HZ84, Hil81a, JL84, JM83, KH80, KU80, KLDD84, KM89b, LLM86, Mez83b, Mez83c, Mez84a, Mez85a, Mez85c, Mez86b, Mez87b, Mic87, NHKY83, PMCA88, RC86, RBL84, Rom81, SS82, SBE87, Ser84, SA86b, SS80e, Sok81, SSC83, Tac87, YY83, YKZ+89, BBLR84, PL83, PL84b]. **reaction-field** [Rom81]. **Reactions** [Hal83, Ågr83, BNK86, Bal82a, BLR83, BBPS83, BCD89, Chr80a, Chr80b, DÖL87, DC86, FZZ87, FS86b, FS87, FEKC84, Fuk81b, GHF84, HZL84, LC83a, MR87, NH84, Nal80, NP81, OLB+82, PL83, PL84b, RN84, SD88, SCER88, SAB+80c, Sme86, STG86, SZJS82, Van82, Var85, YMO80, Yam81, Yam82, GTB80, LWZ88]. **Reactive** [GSR83, LPP84, LV87, Set79, BR81a, BM89, Gir80, LP84, LPP81, Lin85, Lin89, PH82, Suc81, SB89, Var81b, Sie81]. **Reactivity** [LC83b, BW80, FCPL84, HZ83, KPH88, KKZ86, PP80, Ser84, SVS81, Sla85, dB84]. **Real** [Lin81a, BD85, Löw85a, Rei82, Sil82, Swe83]. **Reality** [Sil86, ZA89]. **Realization** [AL80]. **rearrangement** [PCA89, Ran80b, RK82]. **rearrangements** [RBR80, Sch83a, SSZJ82]. **reasonable** [BFOP83]. **Reasons** [BH82]. **recall** [Koh86]. **Received** [Ano80d]. **recently** [Csa89]. **receptor** [BVDA88, CZM83, DS80b, KTGR89, Luk81, MTWO83, MWO+84, PMOW89, RMM83, RB88d, TLT+84, VL89, YHG89, YGK+89]. **receptor-binding** [RB88d]. **receptors** [Dav87, PMOW89, RWOT81, WMP+83]. **reciprocal** [RB88c]. **recognition** [KRMK86, MWO+84, Ric88, VB85, WMP+83, Yon85]. **recombination** [Fla80, Fla81, Win85]. **reconsideration** [HET86]. **reconstruction** [Lás82]. **recurrence** [KPM83, SPRS89, MPS86]. **recurrent** [Pan82a, Pan82b, Pan83, Pan84]. **recursion** [SI89b]. **red** [Kry86]. **redistribution** [BSL+80]. **redistributions** [Sch81]. **redox** [Gas85]. **redox-mediated** [Gas85]. **Reduced** [CSF80, CA80, GA82, PABL88, Ban88a, Cas88, Coh86a, Gos82b, GP86a, KPH87, Lar83, Löw86d, Luk82, LW81, MC80, ML81, Mez84d, Mez87b, Tho86a]. **Reduced-diabatic** [PABL88]. **reductase** [GC85a]. **Reduction** [Kat83, JL85, LL85, MPP+81, PSG83, RS88, TF82, Niu80, Niu84a]. **Reductions** [Lin81a]. **Redundant** [Ban88a]. **reference** [BS81a, LT89, MJ89, Ort89, RS80, Sie80, SM84]. **refinement** [KR81, SSRR87, TN89]. **Reflection** [Mez87b]. **refolding** [Chu88]. **reformulation** [Röm83]. **refraction** [DQ81, DQ80]. **refractive** [MB80a]. **regarding** [Sla85]. **region** [Kry86, Low82d, Low82e, Sey83b]. **regions**

[KSJT83]. **Regression** [SS80e]. **regular** [Pur88]. **regularities** [Ran83]. **regulation** [KMKC88, Vas82]. **Reidel** [Ågr87a, Ågr87b, Cal81b, Cal86c, Dun80, Fro88a, Fro88b, Gos80, LM81, Mar81a, Mic87, Sme84]. **Reidle** [Cal81c]. **related** [Ano81s, CFG+83, FZZ87, GMS81, GS89, Hay82, KM80, LCC84, LM82a, Pit84, SA80, SS88, TWW81, VARPU84]. **relating** [BVDA88, WP80]. **Relation** [BZA84, Has82b, AN86, AGB82, Bri87, CBV85, CF81a, Dal80, DCF82a, EKBE86, GJMLRGSA85, HM89b, KM89a, LPP84, LPW83, Löw84, MP87, Nag82a, OWÖ81, RSSS81, YKTA80, DF83b, FSP87, Sim81]. **Relations** [Bar81, CF81a, Chr89, FF82, KPM83, KPP85, KPP86, Low82e, Mez83c, Mez84e, MPS86, OFB81, Odd82, RVK80, SPRS89, Shu84, Swe82, TS82, AM89, MA80a, May84, May85]. **Relationship** [AYCD81, CL83a, DA81, GDR85, KST84, LZY83, NC87, POK85, PO85, Sen80a, Sen80b, Sey81, Smi89, UB86, XYSJ81]. **Relationships** [SVS81, AAW82b, MSC+83b, RP81b, FHH+87, Lar86a]. **relative** [BSD82, CZM83, DBS82, EB82a, EB82b, EB82c, Fra84]. **Relativistic** [Bal88, Chr84, Das80, Gra84, HLPV83, Mar85b, MMM81, Pit84, Pyy86, Pyy93, Pyy00, Rud84, ST84, SI89a, VI84, ZSB80, Ave84c, BIN86, Boč87, Boč88a, Boč88b, Boč89, CPGP83, Dur86, Ess84, FSS+89, Gre81a, HF86, HBC86, Kag83, Kah84, KFD84, LLS83, Mey88, MB84, PC88, ŠKR84, Suc84, Ågr88]. **Relativistically** [LHP80, VP84]. **relaxation** [Böh85, CG86, GGDG86, GGDG87, GLB81, KH85, Kub82, Lás82, LCD82, Pee83, ST80b, SG81a]. **relaxed** [Das82, JN88]. **releasing** [RTM86]. **Relevance** [Hay82, GSMSG82, RB88d, Lar83]. **relevant** [GSG84, Pal89, RT84, RT85, SG85a]. **reliability** [Ran80d, Cze87]. **reliable** [CS87]. **Remarks** [Cia81b, CS82, Fax87, Han86, Löw86d, Par84, And85, Buc89, Cla80b, Fax84, Fri82, Gás86b, GMV83, JL87, JSSS82, Löw89, LN89a, McW83, Wij83b]. **reminiscence** [Kot84]. **reminiscences** [Bat83, Wil80a]. **removal** [CDL82]. **Renormalized** [ČVV87, VCV87]. **Rentzepis** [Fro88a]. **Reorganization** [Böh82]. **repair** [FPDA89]. **repeated** [FW84]. **repeating** [UV83]. **report** [DBL84, Min87, NW82, SSP+88]. **representability** [Gru85, GT83, Kry82c, Löw86d, Pan89]. **Representation** [AČP82a, CA85, CA86, Duc85, Fra84, Fra85, LP89, Mez84c, OT80, Ori82b, Pan82b, Ret86, RP89, Sch80b, Var85]. **representations** [Alt89, Coh86a, FS80, GC87, Her84, KS86a, OM82c, RFST85]. **represented** [Iga85]. **repressor** [KRMK86]. **Reproducibility** [FW84]. **reproducing** [KPS87a]. **reproduction** [Vas82, GPC85]. **repulsion** [DCF82a, GHGP89, Gus85, GCV84]. **requirement** [Pur88]. **Research** [HAmGS86, Cia81a, Var86]. **residues** [CBV85, CLA83b, MSM81]. **resolution** [CKK86, Gee89, Gol88, Lim88]. **resolved** [PZPL86]. **resolvents** [HH87]. **Resonance** [Ran80a, RSG+87, And87, Ave84c, Don82, Don85, EB81, GSL86, Gas80, Gas81, GSG84, HDFL84, Hir86, INO88, KL80, KSSH85, KS89a, LL82b,

Löw85a, Löw86e, MMI+82, MSGPP80, MW80, MR80c, PAFW84, Poh83, PPP87, Sim81, SPSG85, WW89, Win86, WHT86, Živ86, Živ87c]. **resonance-theoretic** [KSSH85]. **Resonances** [Ela87, GVB80, Sjö87, BS80a, Bow86, Brä87, CMDBVMA89, Chu86, CS83c, ENH+87, FSW87, Jun80, KS89b, KEB87, KM89b, Moi81, NKM81, Poh82, Sie87, Wea83]. **resonant** [BR81a, CM85, KFN80]. **resorcinol** [SKS83]. **Response** [Obc84, BH89b, CE86, CE87, DSG80, HA84, Ish84a, JSYO83, Kub82, Obc87, Pra83, RSMM86, SS80a, SB84]. **resting** [AWCL89]. **restricted** [ÅCFRJ85, BB82b, DC87, Fin87, GM86c, KC83, KPS87b, KPS88, Mes80, Mes85, KC82a, PC83a, RBL84, CK82]. **Restricted-Hartree** [KC82a, CK82]. **restricted-step** [ÅCFRJ85]. **resulting** [Csa83]. **Results** [Sie83a, Aus84, Bou84, CHKB83, Cze87, FK83, GBO86b, Has86, KWM86, LPS83b, LSP85, LOF83, MKW85, ME81, Nag82a, REB83a, RW80b, RW81, SSR+87, SCER88, SM80, Ten88a, DPR80]. **reticulum** [SAB+80c]. **retinal** [KPTG88, SNNO86]. **Reuse** [Gre81a]. **revealed** [PH87]. **reversal** [Mey88]. **reversibility** [SC86a, SC87]. **reversible** [PZPL86, Sch89]. **Review** [Ågr80, Ågr82, Ågr85, Ågr87a, Ågr87b, Ågr87c, Ågr88, Bra86b, Brä86a, Cal81a, Cal81c, Cal81b, Cal82a, Cal82b, Cal86b, Cal86c, Cal86d, Cal88, Cal89a, Dun80, Fro81, Fro83a, Fro88a, Fro88b, Gee89, Gos80, Kum87, LM81, Ler85, Lun82, Mår80, Mår82, Mar81a, Mic87, Mou89, Muj86, Nat86, Nat88, Nor83, Pic83b, Pic83a, Rat87, Rat88, Rös87, Sie81, Sie83a, Sme84, Tap86, Tap88, Wol81, Zer87, Cal86a, CCS84, KEB86, LL89, REB83a]. **revised** [ACGT89]. **revisit** [EBEE87]. **revisited** [ABD+80b, ČV83a, CV85, Har87, Kub82]. **RF** [KKCM85, KKCM87]. **rhenium** [KEIG86]. **RHF** [Big86, HČ83, WS80b, ZW83]. **RHF-CNDO** [Big86]. **RHF-CNDO/S** [Big86]. **rhodopsin** [SD82]. **RI** [Fin89]. **ribonuclease** [Chu88]. **ribosomes** [JG81]. **riboxanthylic** [GLP80]. **Ricatti** [Au82, FCO89]. **Richards** [Ågr82, Mår82]. **right** [JY81, Vol88]. **right-handed** [JY81, Vol88]. **rigid** [RPS82]. **Rigorous** [BF83b]. **Ring** [GMOBA80, BBGS84, DM83a, GC85a, Gre87, HS80a, Has82c, KN84, LJK86, Sap80, SHH+83a, TKY89]. **ring-shaped** [HS80a, KN84]. **rings** [EB82b, KHRK87, LK87, LMG85, Sin89]. **Ritz** [Tho85]. **RKR** [RZP84]. **RNA** [MLC+81, SR81, SR83, SRC84]. **Robb** [Pau81]. **Robert** [Sie83a]. **rock** [TP80]. **rock-salt** [TP80]. **Rodney** [Ågr87a]. **Role** [KD80b, TTRL88, Vol89b, Dov86, FFF88, Fli86, Kat80, LCCB81, LSH88, LGL+84, MTWO83, New80, PV89, SRC84, Yan85, SD86]. **roles** [CLA83b, GUSS89]. **Roothaan** [SP85, BB82b, Mar88a]. **roots** [Fox84]. **rotagraphs** [Cio87a]. **rotated** [Don82, EKBE86, NS82b, REB83a]. **rotating** [Hub85, MS86]. **rotation** [BS80a, BS82a, BK89, CS83c, FGS85, IL83, KAH80, KK82a, Kob86, Moh80b, Moh80a, Sim80, SHL82, ST86c, TWW81, SNSM82]. **Rotational** [Bow86, GDBRV87, NOMK80, Shi87, ARZ+89, DS87, DC86, ESCC85, Kob82, Mic81b, PGM80, RZP84, SIJ85, HJ80]. **Rotations** [Alt86, Alt05, BTC+83, Iga85, WW82, Rös87]. **rotator** [RPS82]. **rotor** [SHL86]. **Routes** [Bur83]. **rovibrational** [GPLP85, NPL89a]. **row**

[Bec85, BF83a, DBS82, FN84, GTB80, JIS87, Kau82b, LSP85, NC84]. **Roy** [Ågr87c]. **RPA** [BPT83, BHVR83a, BHVR83b, Toy88]. **RPAC** [BHVR83a, BHVR83b, BH89b]. **RS** [vDTBN80]. **RSPT** [KU80]. **Ru** [CD89b, CD89c]. **Ruben** [Cal82b]. **rule** [Bon81, GK80a, LBP84, Mez86b, TL86, WBB80, ZRY83]. **rules** [BC83, CD89c, HAB83, SH89, Sin88, TP87, Win86, Yam82, Živ87d]. **ruthenium** [VG80]. **Rydberg** [Hic83, SAM82, San81].

S [Ågr80, Cal86c, PXLC86, Ser84, Sie83a, TL80, TWL82, SOS84a, SOS84b, Big86, DS80a, Deá83, DIV86, DS81c, FN84, HM89b, KEB87, LCLC88, LC82a, NS82b, Nov83a, PDMC82, PDKC84, SMD83, SM85, TL80, Var87, Wor81]. **SAC** [NH81, Nak83]. **saccharides** [TK83]. **saddle** [BB84, LLC83]. **saddle-point** [LLC83]. **Sadlej** [Muj86]. **salicylic** [MG89]. **salt** [KKTE80, Pac82, SGP$^+$80, TP80]. **salts** [KL80, SDS83]. **Salvetti** [CL85]. **SAMO** [DO84]. **sample** [SO85]. **samples** [TM83]. **sangivamycin** [SC80a]. **Sanibel** [Ano87u, Fax87, Han86, Löw83, Löw85b, Pau89a, ZS85]. **Sasaki** [Pau89a]. **satellite** [LdMH80]. **satisfy** [MM82]. **saturated** [Ver80]. **Saxena** [Ågr80]. **scale** [BEO80, BHVR83a, BHVR83b, Cow82, Kun83]. **Scaled** [BB82b, Bha81b, CHB88, HCCB86, KEB86, Lib84]. **Scaling** [Gás83, Bha82a, Brä86c, Chu86, CZ88, FC80b, KD80a, KPS87a, KPS87b, KPS88, Lev89, Löw86e, Mar85b, PSK86, Sim80]. **scalings** [GSMRM85]. **scattered** [CS89]. **Scattering** [CS80a, JTST87, KTS86, REB83b, TST89, Ano81s, BS80a, BR81a, BLG85, BM89, Blo83b, BERE85, BLOW89, CY80, Chi81, DG86, DYD89, EI81, FZB86, GLB81, GSRG80, GVB80, HF86, HL83, IL84, IST89, Jor81, Kau83, KB86, Kon83, KFN80, KEB87, LHC80, Lin85, LV87, Lin89, Mel87, Nag85, Nes85, NC87, Nor83, PBFL80, POT80, SKIK82, SHKM80, Sim81, SST83, SHS84, Suc81, SB89, TNT$^+$86, TMO86, VTT81, Var81b, Wea83, WOT89, YLM80]. **SCF** [DFH84, SRP81, Ada81, AM84, AGCT87a, AM87a, BPT83, BB82b, BSHK86, BVD81, Bha81b, BVC80, BS80c, BC83, CDG80a, Cha80, CS82, CL83b, CA85, CA86, CP80a, CHZ82, DMB$^+$84, De 83, DCF82a, Eis88, FB83, GjC86, GPC85, GK80c, HO85a, HZBR89, HC81, Iga85, Kau83, KHRK87, Kut80, LN89b, Mat81b, MSV89, MS89, MSI80, NL89, NHKY83, NS84, Nov83a, OF80, PXLC86, PM81, RW80b, RW81, RJK83, Roo80, RC80b, RLS87, SP86a, SSS81, SD86, SHPK80, SRL$^+$83, SRHK83, SP85, SG85a, SR80, Živ86, Živ87c, ZHB$^+$87]. **SCF-CNDO** [GjC86]. **SCF-type** [Kut80]. **SCF-X** [PXLC86]. **Schaeffer** [Ågr85]. **scheme** [AM84, DIV86, DRS88, FDAC89, LFM89b, Ori85b, OK80, SRHK83]. **schemes** [FW80a, FW80b, Kar86, oLCC81]. **Schiff** [BKP83]. **Schluter** [Cal81b]. **Schmidt** [Rut81]. **Schrödinger** [Tay83, Tay84, Tay86a, Tay86b, ASL88, BH86, BHM87, Bha81a, Bha82a, Bot81, CP86a, CMM83, ČV86, Dat85, Hub80, LPS83a, LPS83b, Lim80, Mas87b, PČP82, SCH84, SC86a, SC87, Sch89, Ská83, Tac82, Tel88, Tru83a, Vrs87a, Vrs87b, WB89, Wil80b]. **Schrödinger-type** [SCH84, SC86a, SC87, Sch89]. **Schwinger** [WOT89].

Science [Shu84, Ågr87c, Cal82c, CCC+89, Fau85, Hay82, Urr82]. **Sciences** [Mår82, Pic83b, Ano84a, Kot84, Löw84]. **Scientific** [Ågr80, Bat83, Cal86a, Kot84, Löw85b, Wil80a]. **scorpion** [Gri81]. **screened** [BD88, WW89]. **screening** [BYBZB83, CLP82, CB82, Jon81c, LCDP80, VVD80a]. **search** [Ban88a, CS89, DR88, RJBR+87]. **Second** [Ano88z, Don85, Gir80, OJY83, YS80a, BEO80, DBS82, ERB82, FN84, GV88, GY87, HS84b, Han88, HA84, Hir80b, JIS87, KK86, LSP85, Luk82, NHKY83, NC84, BP80, MMC83]. **Second-** [OJY83, MMC83]. **second-harmonic** [HS84b]. **Second-order** [Don85, YS80a, BEO80, ERB82, Hir80b, KK86, Luk82, BP80]. **second-quantization** [HA84]. **second-row** [DBS82, FN84, JIS87, LSP85, NC84]. **secondary** [DOW89]. **section** [FK80, LGS87, NC87]. **sections** [Blo83b, BF83b, DSG86, FSW87, Gan81a, Gir86, HDFL84, MM87a, MW83, MÖ80, SM83]. **Secular** [Lin81a]. **segment** [TK83]. **select** [Nas83]. **Selected** [SD80, GT86]. **Selection** [Živ87d, DG85, Fin85, Fox84, Fox86, RSNT88, SBB87]. **selective** [GEdP81, GP85, Min80, Nes85, UTP82]. **selectivity** [UTP82]. **selenium** [BS80c]. **Self** [DDP81a, DDP81b, DS80a, Dos84, DS81c, EG84, GBZ89, Koh86, MM81, PMCA88, SRS81, SSSH82, WG80, Wil89, BDK86, CG86, Cio89, Den83, Den85, Eng83a, Eng83b, FPT81, Lef83, Lib84, LTLF87, LLC83, MM82, MN81, Mic83b, Oga80, Ori82d, Ort89, SGP+80, SM82]. **Self-Consistent** [DDP81a, DDP81b, MM81, DS80a, DS81c, EG84, PMCA88, SRS81, WG80, BDK86, Cio89, Den83, Den85, Eng83a, Eng83b, FPT81, Lef83, Lib84, LTLF87, MM82, MN81, Mic83b, Oga80, SM82]. **self-consistent-field** [LLC83]. **self-energies** [Ort89]. **self-energy** [Ori82d]. **Self-formation** [Wil89]. **Self-instructed** [Dos84]. **Self-interaction-corrected** [GBZ89]. **Self-organization** [Koh86, SGP+80]. **selfregulation** [LS85]. **Semi** [Sad85, dB84, Muj86]. **Semi-empirical** [Sad85, dB84, Muj86]. **Semiclassical** [BP86, Mic83a, BGT84]. **Semiconducting** [HM81, GMM81, Suh83]. **semiconductor** [Ber88, Fin85, Her85, LFM89a]. **semiconductors** [BS84, CB83, FD86, Fer88, GMS81, GF88, KSS81, LVL+85, MF87, Pes83, PW86, VVD80b, VI84, Zun85]. **Semidiffuse** [KG86b, KG86a]. **Semiempirical** [Bha82c, EÖWZ84, KK83, MR80c, NC87, POS81, Sen84, TN80, BB82a, BS80b, Böh84, CG80, DBS80, FC80a, FC81a, KS86b, KS81, LC81, MM87a, PG80, SHPK80, YHG89, Yon85, Živ83, BVD81]. **Semigroups** [Gre80]. **semiorthogonal** [HS89]. **semiorthogonalized** [OK80]. **sensory** [DSG80, Koh86]. **Separate** [Kob82]. **separated** [DP81]. **separation** [GM86b, KMW80, Tru83a]. **separations** [MS80b]. **September** [ADL78, Kel78]. **Sequence** [KRMK86, AN86, BB81a, FPDA89, Fox86, Ho81, Lás85, LM86, MPPW82, PS84]. **Sequence-specific** [KRMK86, FPDA89]. **sequences** [CBV85, GUSS89, LL82a, LM86, MB84, PT89b, UV83, VCB83]. **Sequential** [Sla83b, JJZ+88a, JJZ+88b]. **ser** [SNSM82]. **ser-195** [SNSM82]. **Serafin** [Ågr80]. **Series** [Cal82a, DM83b, Dun80, Fro88a, AJ83, ADF+88, BDP+81, Bha82b, Cal81c,

Cal86b, CZM83, DBS82, Fra85, GJMLRGSA85, Ing80, JBW87, KTS86, Kun83, LKB89, MG83, NSS86, ÖHD89, PO85, POT80, SB83a, Sil82]. **serine** [LN89b, NL89, NS82a, NS83, ST88, RC80a]. **Serines** [Rom81]. **Serre** [Fro83a]. **serum** [Gas80]. **session** [Gás86b]. **Set** [OI86, Ada81, AM83a, Ada64, AGCT87a, BSHK86, Bec89, BYBB84, BS86, CS83c, CFS86, CFS87, Del87, ERB82, Eri89, GG85, GBW88, GPC85, GSO$^+$87, Ish84b, IQ87, IS88, KGEP89, KG89, KO81, Kut84, LC81, MK85, McD80, Mez82, Mez83d, ÖHD89, RDG84b, RR87b, RST87, RBR80, RC80b, RS88, STS83, SV85a, SHKP80, SRHK83, SR87, SHK87a, SC80b, TPN86, WK83, Wei88, YG86]. **sets** [Ágr87c, AM83a, AN85, AGCT87b, Bag83b, DPC82, Fin87, FSP87, GT87b, GM81c, GCV84, HS89, HA84, INFU84, IO89, PDMC80, PDC80, PDC81a, PDC81b, PDMC82, PKC85, STH80, STS82, SF80b, TH80, WH87, ZLH87]. **Setser** [Sie81]. **seven** [EB82b]. **several** [AMFC83, GLLOB86a, GM86c, ČV88]. **Sewell** [Kum87]. **sextic** [ČV86, HH87]. **shallow** [DAL89]. **Sham** [HF86, Kel86]. **Shape** [AM88b, Buf82, KEB87, Tac88, AM88a, AM89, BR81b, Don82, Don85]. **shaped** [HS80a, KN84]. **shapes** [Mez87a, PM88]. **Shaping** [ZW83]. **sheaf** [Cho80]. **shear** [MD82]. **Shell** [HK86, NKV$^+$89, Bak85, BB82b, Bha81b, Big86, BK82, BS81b, Bor85, CS82, Csa81, CV83b, DG83, FCB80, HČ83, JMS$^+$85, KC83, KS85, Mal82, Mes80, Mes85, PL80, SD80, SSC83, SLT81, TSL80, VV83, WS80b]. **shells** [HPKW81, MC88]. **Shellwise** [KD80a]. **shielding** [BH89b, FGM87, FNC86, Kau82b, SIN80a, TT83]. **shift** [GC84c, GSS85b, JSS80, KB80, Kry86, PM84a, PM84b]. **shifts** [ESCC85, Fuk83, GRS$^+$82, HG86, MP84b, Ran83, RM84, Vog86]. **Shock** [KH80, OPSO86, OPSO87]. **shocked** [Bar86, KH86]. **Shockley** [TP80]. **Short** [FGG83, GSS85a, Nag82b]. **short-chain** [Nag82b]. **Short-time** [FGG83]. **shortcomings** [Mcc83]. **Shubnikov** [KAA85]. **Si** [Dat82, Deá83, LGL$^+$84, SNNG86, TH81b]. **SIBFA** [GPC85]. **side** [LJHU89, SKL80, SNSM82]. **side-chain** [LJHU89, SKL80]. **Siegert** [Sim81, Win82]. **SiF** [KG86a, KG86b]. **sigmatropic** [RBR80, SSZJ82]. **sign** [GK80a]. **sign-alternation** [GK80a]. **Significance** [Tat81a, FCPL84, JD83, PP80]. **significant** [Dav81]. **silatranes** [LZY83]. **silica** [SZ84]. **silicon** [ALL83, AL87, BANF86, BAN88b, CADL86, CM81, DAL89, DS87, DGSO85, FL83, GAL86, JA82, LCF89, Lás82, LTLF87, LLAG89, SRP81, Ver80, VMMV80]. **silicon-carbon** [DGSO85]. **silver** [JA82, MB89]. **Silverstone** [Ten88b]. **silylsilylene** [GZWYCHC88]. **similar** [CLA80a]. **Similarity** [SY86, BTK83, BJR86, CLA80a, CD87b, EBEE87, HR87, RR87a, RR88, VV87, Wit81]. **Simon** [Rös87]. **Simons** [Ágr87b]. **Simple** [Hel82, oLCC81, May86c, McW84, RGW88, RB86, TP87, Ada64, BB85, BST86, ČV88, Cox87, DA80, Duc86, DR80, Edw88, FC83, Flu84, FS86b, GHF84, Her83, HO85b, HAB83, JM83, Mod81, NSS86, Sim80, EB82a, SH89].

simplest [Lud83]. **Simplification** [MR81, MR80b, Tai89]. **simplifications** [Bal81b]. **Simplified** [RLR88]. **Simpson** [KS89a]. **Simulated** [Duk82, DBF89, DO84, MSWC88]. **Simulation** [BCV80, ACP82b, Cla80b, CFC83, DKLP81, DS89a, GD82a, LG84, PK88, RC80a, Rom81, TLT+84, HČ83]. **simulations** [BMRJ86, CC84b, KH86, MB86, RJK83, SG86]. **simultaneous** [HGPF89]. **SINDO1** [JIS87]. **Singer** [Pos83]. **Single** [JM83, PL80, ACCC80, BLOW89, Cul88, KS81, LT89, LC82b, MJ89, Ott86, PW86, PHGR88, PSBB83, ST80b, SSR+87, SL81, UTVP85, VARPU84, Ver80]. **single-** [Ott86]. **single-determinant** [LC82b]. **Single-determinantal** [PL80]. **single-filing** [UTVP85]. **single-reference** [LT89, MJ89]. **singles** [LPB82]. **singlet** [AMM83, DWQ86, Has86, KSO84, Kar84a, LPS83b, MGN82, NH81, SS80c, KC82a]. **singletons** [Wil89]. **singly** [Flu85, PP89]. **singular** [BHM87, ERB82, Ing80, BEP87b]. **Singularities** [LRZ84b, Ban82b]. **SiS** [LC88a]. **site** [AWCL89, CLA83b, DOW87, GB81, KSGB+83, MPP+81, SG81a, SRC84, TLT+84, vDTBN80]. **sites** [DBCJ86, GM81a, SF89, ŠKH81]. **situation** [Löw89]. **sixth** [Jor89]. **Size** [BCC82, BBO83, MJ89, AYCD81, KBSG81, RS88]. **Size-extensivity** [MJ89]. **sizes** [Fin85]. **Slater** [GKMV80, AM83a, CFLM85, CFS86, CFS87, EG84, FVZ+88, Fri86, Gal82, Gol80, GSO+87, Gus85, Gus87, Jon80, Jon81b, Jon81a, Jon81c, Jon82, Jon83, Jon85, Jon86, LSP85, Löw83, RFST85, RLPFA86, RLR88, SF80b, TL80, TL82, TL83, Wag83, Was89]. **Slater-orbital** [GKMV80]. **Slater-type** [Gus85, Gus87, Jon80, Jon81b, Jon81a, Jon81c, Jon82, Jon83, Jon85, Jon86, SF80b]. **slit** [Bel80b]. **slow** [Del83, ENA89]. **Small** [Emi83, SKIK82, Ågr87a, AA89, Bar85, Ber88, BCB85, CP85b, Cze87, DMB86, DMB89, GM81c, GSO+87, HDO88, Kun83, MTN83, PGG80, POT80, SMD83, SFC86, TNT+86, Vol88]. **small-** [Kun83]. **Small-angle** [SKIK82, POT80, TNT+86]. **Small-polaron** [Emi83]. **sodium** [Boe88, BCB85, LCC84, UTVP85]. **Soft** [TLT+84]. **softness** [NKZ88]. **software** [SMS84]. **solar** [ES88]. **Solavation** [Boč88a]. **Solid** [CD92, CLVC84, CJ89, Deá83, EHK83, ESCC85, HLPV83, Kun83, MS86, RJK83, RKHK88, RKO+89, See88, Rat88]. **solid-state** [Kun83]. **solids** [BN80, Bec81, BL81b, CS80a, CLVC84, Coh86b, DVV80, Fau85, GGDG86, GGDG87, GLP83, JT85, Kau87, Kha85, KWBC80, LOBS86, Laf81, LH87, Mar86b, NB79, PGM80, RB88a, Woo82]. **Soliton** [KWM86]. **solitonic** [KAM85, MC89]. **Solitons** [Dav85, Dav91, KO80, Cal86c]. **soluble** [Cio87c, CL85]. **solute** [Bar81]. **Solution** [IRA87, MSGPP80, Ori84b, Ada64, Bot81, CP86a, CA86, CAML87, Csa80, Csa86b, DS87, DSB84, GjC86, GSS85b, GUSS89, JRK84, MMRY88, New80, PMCA88, RN84, SG86, Tac82, Tva89, WW89, WB89, YJ85, LPS83b]. **solutions** [BCD89, CD89a, CTV80, CT81, DL83, Edw88, Gos85, Ham82, HL81, Hil81a, HM89a, KC82b, KC83, LPS83a, LPS83b, MB86, PV89, RI88, SMMM87, Sin80b]. **solvable** [CF83, Has85, Lar86a]. **solvation** [MR88, PK88, SSC83, CCG+82]. **solvational** [LJHU89]. **solve** [AN85].

solved [TKR86]. **Solvent** [DA88, KM80, Pal89, BMRJ86, CA85, CA86, GjC86, PCA89, RC80a, Rom81, SCER88, SGP+80, VWCC82]. **solvents** [Ade87, BSL+80, SS86a, vZ81]. **Solving** [Lim80, AB84, IPV81, PS80b, Tel88]. **solvophobic** [Sin80b]. **soman** [CPZS86, SBH+85, SBH+86]. **Some** [All87, ABD81, BEP87a, BEP87b, BCD89, CF81a, Cla80b, EN87, FC82a, FN83, FB83, Gos82b, GMV83, HR83, JL87, JSSS82, Kar80, Kou80, KB87a, LOF83, LRT88, LP84, Löw84, Löw86e, LFM89b, LN89a, McW83, Nag82a, NBE87, NDBE82, PNGL83, PGL+86, PP81, PGPRN86, SS89b, SK81, Tho86b, WGS85, Wil80a, AABW80, AAW82a, AAW82b, AEHNEA85, AEHA87, BB82a, Ben82, BR80, BMBK82, BR81b, BCD+80, BCV82, CA86, CHB88, CKNG80, CNK87, DMB86, Ela87, FC83, FHHE80, GSG84, GJ83, GRP+80, GGM81, JJZ+88a, Jon83, KEIG86, KRT83, KKA+84, KCC80, KTGR89, KGB87, LCC80, LOB85, LOB86, Löw86b, Löw88, MB84, MTO+81, MOT+83, Mof81, MA80b, MP87, PL80, PXLC86, PFC88, PP82, PT89b, PBKB89, Rab84, RBSR84, RSBR85, REB83a, SMD83, SR81, SS83, SRP81]. **some** [SS81b, TLDK89, Tho89, TP87, TKR86, WWD88, YHG89, YRS85, Živ83, dB84, BB87, Cia81a, DPZ80, GG81, Gra84, KKSM87, Ska84, SMJ83, TV83a, Woo82]. **Sons** [Cal88, Mår80, Nat88]. **soot** [LWZ88]. **sound** [Lee83]. **source** [LJHU89, NS83]. **sources** [Dun88]. **space** [ASL88, Bal81b, BIN86, BS83b, Cal89b, DSB84, DH85, DD87a, ESS86a, GD82b, HSSW83, Ish83, IRA87, KD86, LER87, MTLL82, Mez81a, Mez82, Mez83d, Mez84d, Mez87b, Muk86, Nag82a, Pan85, Pan89, RB88c, RFST85, RI88, Roo80, RDG+86, SC86b, STS82, SH87b, TV83b, Var85, BD88]. **spaces** [AW82, Ban88a, GB85a]. **spacing** [VR86]. **Spatial** [Mar88b, BJ87, Ban88a, DSG86, GLP80, GB81, Pau84]. **spd** [Lip88]. **Special** [Zer87, KHNT86, OMC82, RB86, ZRY83]. **special-pair** [OMC82]. **species** [AM89, IDK87, KSK86, Ler83, MS87, Nov83a, SD82, SS89a, TR86]. **Specific** [MR88, ES81, FPDA89, KRMK86, KTGR89, SRC84]. **Specificity** [Kot81, Ave84a, CPZS86, HZL84, SKR81, SBH+85, SBH+86]. **Spectra** [Bal82b, BL88, Dat82, AEHM85, Bak85, BN80, BMMS81, BH89a, Big86, BK89, Böh82, BDK86, CD87a, CKNG80, CNK87, DPZ80, DGSO85, EÖWZ84, FGS85, FK83, GOS87a, GC84f, HCCB86, HDFL84, IL83, JN88, KS81, KKA+84, KM80, KPSS87, LaF89, LCCW87, LH87, Mar89, MTI80, MMI+82, MKW85, Nak83, OKZ85, OBMU82, PXLC86, SA80, Sla85, SM80, SDS83, SSN+84, VVD80a, VC83, WSD80, WCLZ86, Wój86a, Wój86b]. **Spectral** [BR85, Gas80]. **spectrometer** [CBC+89]. **Spectroscopic** [AEHA87, DMB89, DPS87, SAP81, SG81b, Tay87a, BB87, Bre80]. **spectroscopie** [Cal81a]. **Spectroscopy** [Lee83, BP86, BCD+80, Bri86, CD83, DR84, Don79, Fle86, Gup80, GSS85b, KTK80, KRST83, KRBM85, KNS+86, KKSM87, KNSM88, KMPTK89, KKA+83, KKCM85, KKC+86, KKCM87, LVL+85, MST+80, MSGPP80, MG80, NA83, RDH84, TM83, TW88, TMC84, TMO86, Cal86b, Rat87]. **spectrum** [ÅCFRJ85, AYBP83, Bec82, BP86, CKK86, DM85, EV87, HHL80, HLR80, KAH80, LC82a, LHZ80, Ojh89, RDG84b, SD81, SHL82, Suh84b].

sphere [Wea82]. **spheres** [Blo83b, HHT82]. **Spherical** [Pie84, BR80, KC82c, KC82d, LE80, Pie85, SvG89]. **spherically** [Csa83]. **sphérique** [SvG89]. **spheroidal** [Csa86b]. **spiky** [Hun81]. **Spin** [HS80a, Ish86, Ish88b, LCCW87, MN81, Mat87b, Mat87c, Mat87d, Pau79, PS87, PM84a, RTC81, SPÖ89, VP84, Živ87b, DRS88, Duc86, EC83, FC80a, FC81a, FGC84, Gal82, Gas80, Gas81, GSG84, GOS87a, Gla85, GC84b, GC84e, Har80, Has82a, Has82b, HBC86, HLPV83, Kar86, KPP85, KPP86, KS86a, KMW80, LER87, Lar86a, Lim86, Lim87, Löw83, LW81, MZ85, McW88, Min80, MP84b, Muk84, Nes85, Pan82a, Pan82b, Pan83, Pan84, Pan85, PFBF81, PM84b, PP89, Poh83, PPP87, QX89, RSD82, Ret86, RDG+86, Rut81, SC86b, SV85a, SS86c, SS86d, SS87, TSA86, Voj85, Wen86, Wol88, Wor85, KT84, KPS87b, KPS88, WP80, Ågr82, Cal82b]. **spin-adaptation** [PP89]. **spin-adapted** [LER87, Pan82a, Pan82b, Pan83, Pan84, PP89, Voj85]. **spin-bonded** [Wor85]. **spin-density** [Har80, PFBF81]. **spin-dependent** [GC84b, GC84e, MZ85, QX89]. **Spin-extended** [KT84]. **spin-forbidden** [Min80]. **Spin-Free** [MN81, Mat87b, Mat87c, Mat87d, DRS88, McW88]. **Spin-Independent** [Živ87b]. **spin-only** [Gla85]. **Spin-orbit** [RTC81, VP84, HBC86]. **spin-paired** [Rut81]. **Spin-Projected** [PS87, Kar86, Löw83]. **spin-purity** [LW81]. **Spin-restricted** [KPS87b, KPS88]. **spin-selective** [Nes85]. **Spin-shift** [PM84a, PM84b]. **spin-spin** [RDG+86]. **spinor** [MNS85]. **spiral** [VU85]. **splines** [AC89]. **split** [SD80, WK83]. **split-shell** [SD80]. **Spontaneous** [Cow82, GSM83]. **spontaneously** [Pra83]. **Springer** [Ågr88, Fro81, Fro83a]. **Springer-Verlag** [Ågr88, Fro81]. **square** [GC81, Lau88]. **squares** [GM81b, RSST86, Tho85]. **Sr** [MS88, KB80]. **stabilities** [DF89, KPSS87, LK87, MG83, Mof81, Mof82]. **Stability** [KC83, Ler83, SWM82, BMRJ86, Cio87d, CH82, DM83a, DBS82, KC82b, Kar86, Ott86, RN86, SS84a, SS85, SKEDR81, Tac83, Yam82, YS80b, YS80c, vDTBN80]. **Stabilization** [SSYR87, DA88, Jun80, Löw85a]. **Stable** [CY80, Tac82, HWZ88]. **stacked** [LCCB81]. **stacking** [AN86, DS89a, Gre82, LGPP+80]. **stages** [BST86]. **Stanley** [Mou89]. **Stark** [AL81, Rei82, Sil82]. **starting** [BFOP83]. **State** [LK81, WB81, Ågr87a, AM83a, AEM86, ACP84, AIJW82, AL87, BS81a, Bar85, Bec82, BH86, Bha80, BSR80, BBAT82, CK82, CD92, COS82, CV85, ČV86, DG85, DS80a, Deá83, DA88, DS81c, EIMS88, Ell84, Eri89, EHK83, FAC84, Fut87, GT86, GK80a, Gup80, HČP88, HLR80, Ho81, HM86, HT85, JSS80, JSSS80, KC82a, KS85, KAD81, Kat83, Kau82a, KK87, KSGB+83, KS89a, KS81, KS89b, Kun83, KEGS81, KWJ83, Lar83, Lar86a, LC88a, LR89, Lip88, Löw86c, MG83, Mat87b, MS84, Mis84, NMK84, NP80, OM81, OY83, OM82c, Rat88, RBH+86, RS80, RDH84, SMD83, See88, SF81a, Sie80, SM84, SM83, SG80b, Tac82, Tac83, TH81a, Tay81, Tay86a, Tay86b, Ten88b, TPN86, Toy88, WJP85, Wol88, YMO80, Yam82, YKZ+89, ZNS80, LCLC88]. **State** [MB83]. **state-selected** [GT86]. **state-to-state** [Fut87, SM83, YKZ+89]. **statement** [Man81]. **states** [AB85, ANH81, AS89, AWCL89, BPT83, BB82a,

BB85, BR81a, BN84, BCA87, BL81b, Big86, BKP83, BS86, Bue86, BOW80, Cal84, CDG80a, CHKB83, CS80b, Cha80, CZM83, CM85, CHZ82, CKM84, DMB86, DMB89, DG86, De 80, DBS80, Dia86, DF83a, DWQ86, EB82b, ESKG83, ENH$^+$87, FMF80, Fau85, Fer88, Flu85, Fro83a, FBM80, Ger86, Gos80, Gos82b, Gub82, GC82b, GC83, GC84f, Har87, Has82c, HWZ88, HL83, HLPV83, HČ83, HM89b, INO88, Jac89, JP80, JN88, JWOÖ82, JJZ$^+$88a, KSO84, Kal85, KG86a, KG86b, KD80a, Kau82a, KS81, KDA81, KPH87, KWBC80, LPS83b, LC83a, LFL$^+$81, LP89, LLAG89, Löw85a, Löw86e, LÖ85b, MGN82, Mat81a, Mat84, ML81, MJW88, Mod81, Moh80b, Moh80a, MASF88, Mül81, NTM80, NH81, NBE87, NB79, NMK84, Nom80]. **states** [Ort89, PKH87, PBM85, PT89a, PBA88, RDG84b, RDG84a, RGDF85, San81, SNNO86, Sin86, Suc84, TS81, TNB86, TPN86, TV83a, TV83b, TV84, TV89, TP80, TOK80, Van85, VT85, Van86, VARPU84, Vol89b, WJP83, WJP85, WS80b, Živ86, Živ87c, Nat86]. **Static** [SS81a, AL81, BEO80, GMOBA80, SK80, Sen84]. **Statics** [ZH86]. **Station** [Pic83a]. **Stationary** [Eps87, Nat88, Ban88a, DD87b, FF89, GYJ83, ST89, Ská83]. **stationary-phase** [ST89]. **Statistical** [FP84, Fra84, Fra85, CDL82, CD83, CV83b, DC82a, GK80b, JRK84, LCD82, RA81, RSG$^+$87, SBNK89, VV83, Yan82]. **statistics** [BQS87, PS81]. **status** [Ber81, SSP$^+$88]. **steady** [RDH84]. **steady-state** [RDH84]. **step** [ÅCFRJ85, GC81, KHK87, LHKK82, LL85, San84]. **steps** [Bar86, VARPU84]. **stepwise** [PLL86]. **stereo** [SRC83]. **stereo-irregular** [SRC83]. **Stereochemistry** [AD80]. **Stereoelectronic** [PZSL83]. **Steric** [LPP81, FNC86, LCP81, NW82]. **steroid** [KMKC88]. **steroids** [KMPTK89, KRBM85]. **Stieltjes** [HDFL84]. **stilbene** [PD85]. **Stirling** [ČV83a]. **STO** [WK83, Zie82]. **STO-3G** [WK83, Zie82]. **stochastic** [Chr89, Cla80b, FGG83]. **stochasticity** [BHS85, YG87]. **stopping** [OS89a, SO85, Smi89]. **storage** [ES88]. **STOS** [Cof83, WJ80]. **strain** [Ban82b]. **stranded** [CLP83, GP83b, Ott86]. **strange** [BL81b]. **Stranges** [Pic83a]. **strategies** [KHP81, Kau87]. **Strategy** [Kau81, DFH84, DH85, Kau82a]. **streamlines** [SM87b]. **strength** [ACGT89, LZ87, ZLH87]. **strengths** [Gan80, Gan81b, GY87, GC84f, Lim82, NT80, PS84, YOJ81]. **stress** [Fol81]. **stresses** [BD81]. **stretching** [Kry86, MA80b, Shi87, SS89a, Wój86b]. **strictly** [Ing80]. **Strong** [Sme86, BS84, Khu82, LW84b, Rec80]. **strongly** [OL82]. **Structural** [BST86, Che82, DMB86, OMC82, SW81, BB87, Cal81a, CC82b, DMB89, EHK83, Gre87, GUSS89, HO85b, Kar80, MT85, Ran83, SA86a, Sin88, SRDG85, TL86, BT82]. **Structure** [ALL83, ADL78, BG81, BSHK86, Cal86a, CL83a, Dat83, D$^+$85, Gri81, KR81, KLS89, LW81, PKG86, PAFW84, PKH$^+$81, PSIT87, RP81b, SD82, SMSA80, Sti82, Toy88, TK86, TIS$^+$88, WMS81, ZY85, Ågr85, ÅCFRJ85, AABW80, AAW82b, AEHM85, AYBP83, AD80, ADS83, Ano87a, BIN86, BN84, BMMS81, BVB88, Böh84, BCD$^+$80, BDK86, BCB85, BS80c, BC84, BC85a,

BC85b, Bur85, CD87a, CV82a, CZ81, Chr84, Cio87a, Csa81, CV83b, Csi82, CLZ84, CH82, DS81a, DS81b, DBS82, DS82, DFH84, DOW89, DF83b, DA81, DK81a, DK81b, EZ83, ECM89, FFF88, Fra84, Fra85, FA86, FDAC89, FD89c, GMS81, GVVDB89, Gas85, GR89, GLP80, GAL86, GJMLRGSA85, GT87b, Gra84, Gro85, GDR85, GSS85b, GBO86a, HOT87a, HOT87b, Her85, HM84, Hil85, HDTR83, Hun86, IST89]. **structure**
[Kah84, KN80, KHNT86, KT80a, KKA80a, Ker86, KS87a, KSK86, KTGR89, KS87b, LS80, LOR84, LmJQHXZ83, LKB89, LTLF87, Lip83, LZY83, LPSK83, Loh84, MSC$^+$83b, MS88, Mat87a, Mez84a, MSGPP80, MTN83, MB80b, Nec83, NPL89b, NB79, NP80, Ori82c, OWÖ81, Pal89, PC83b, POT80, PBMR$^+$84, PP80, PC86, RB88b, Ran84, RJBR$^+$87, SP86a, SC84a, Sch88, Sey81, SS80c, SNNG86, SSUF80, SNNO86, SSK84, Ska84, SHPK80, SRL$^+$83, SL80, SRSR85, SSR86, SSRR87, SKL80, SRDG85, Tab82, TH81a, TN89, TB83, TP80, TP87, TWL82, Tru83b, TH81b, Ulm81, UTP82, Urr87, VG80, VV83, Vol88, Wei88, WBM88, XHR86, Yad83, YRS85, Zun85, dB84, dSdMB86, Bal81a, CAML87, HL80, MLC$^+$81, Fro88b]. **structure-activity**
[GDR85, RJBR$^+$87]. **structure-property** [Gro85]. **structure/function**
[Urr87]. **Structures** [Cal81b, Mof81, Mof82, Sar82, Vog86, BTK83, BT84, Ber88, BL81b, BMT80, Bon83, BDD81, BS86, Bur83, CBV85, CLA80a, CD89a, CKM84, DF89, DGSO85, EB86, EB82a, EB82b, EB82c, EBO83, ESS86a, FD89b, FH81, FH83b, Has82a, Has82b, HWZ88, Kia80, KT80b, NC84, Ori81b, Pin88, Ran88, SHH$^+$83a, ST82, SGP$^+$80, SS88, SMKT86, TF83a, TKY89, WS79, YZ85, YJ85, LGL$^+$84, Cal81b, Ler85]. **studied**
[BST86, BLOW89, MPD87, Nak83]. **Studies**
[KPM83, KJL87, Pau81, PKP87, SR81, TMC84, TMO86, WS81, WS82, AEHA87, AM83b, Aus84, BCBS81, BSCR80, BMB87, CBV85, CD87a, Cha88, CS81, Chi81, CS83c, CSB86b, CP83b, CH82, CP85b, DBS82, DAPS81, DSW80, Dew88, DR84, Ell84, FHHE80, FPDA89, Fut87, Gas80, GG83, Gro85, GDX89, GRBP87, GUSS89, HZ84, HLPV83, ITKD80, JW86, JRK84, JR85, KG86a, KG86b, KC82c, KC82d, KŠHH83, Kot82, KPSS87, LPC$^+$80, LPCF80, LP81b, LPSK83, LCP$^+$88, Luk81, LHH$^+$83, LN89b, MTWO83, MWO$^+$84, MSM81, MFM89, MGBH81, MP84a, MB85, MR80c, PMOW89, POS81, PSS$^+$87, PSK$^+$81, PGPRN86, PZPL86, PL83, PL84b, Ran84, RJBR$^+$87, RR87b, RBR80, RDH84, Rud84, ST89, SKR81, Sap80, SSSH82, SOS84a, SOS84b, SJ85, SS84a, SS85, SC80a, SP81, SP82a, SC84a, SP86b]. **studies** [SZ84, SY82, SRP81, SG81b, Sim82b, Ska84, Sla83a, Sla84, SRL$^+$83, SL80, SPSG85, ST88, SSN$^+$84, TNT$^+$86, TF83b, Tew87, Tew88b, Tho89, TK83, WCE89, YL83, Yad83, Yam80a, Yam81, ZNS80, BC83, Kau82b, LmJQHXZ83, SSUF80]. **Study**
[AGB82, ADL78, BDR$^+$88, Cal82a, Cal86b, CR81, CL83b, Dun80, GGM81, HS80b, JPAB87, Kel78, KT84, Moi81, NB79, PXLC86, AABW80, Abd80a, AJ83, AN86, AS86, BBH87, BSHK86, BMRJ86, BR80, BNS$^+$87, Böh82, Böh84, BK84b, BBL81, BP83, Bou84, BVGV89, BANF86, Bue86, Cal81c, CMDBVMA89, CPN89, CV82a, CSK87, Cio87c, ČPV81, CC83, CCD$^+$84,

CL85, CLL86, CJ89, DKLP81, DMB86, DPC82, DT83, DS81b, Del88, DF89, DBD+85, DOW89, Dov84, DO84, DD89, EIMS87, EIKG+88, ES81, EC83, FGC84, Faz87, FNC86, FS86b, FS87, GPN80, GVVDB89, GG85, GC85a, GJMLRGSA85, GjC86, GLLOB86a, GEdP81, Gre82, GP82, GP83b, GP83a, GP85, GRP+80, GZWYCHC88, GM86c, HOT87a, HOT87b, HB86, HGHGF+89, Hil81c, HL80, JP80, JL87, JL84, JSDK89, JA82, KVR85, Kar84a].
study [KGEP89, KG89, KL80, Kin86, KCC80, KTGR89, KK82b, KK83, LCF89, LRZ84b, LB83, LG84, LOB85, LL89, LH85, LR89, LZY83, LY83, LBV86, LSR+84, Low82e, LP80, MY81, MG83, MSC+83a, MBKH83, Min87, MTO+81, MOT+83, MK83, MP87, NL89, NPL89a, Nov83a, OLB+82, ÖHD89, OG86, PCA89, PH82, PBKB89, PFLB83, Pul83, RB81, RBSR84, RSBR85, RBL84, RT87, RI88, RLH86, SK87, SMD83, SP86a, SBNK89, SRO81, SSS81, SS82, SJ86, SFC86, SJ88, SS80a, SSB83, Sch82, SAS86, SG80a, SA86b, SG81a, SJRP88, SG89, Sla85, SWM82, SHP+80, ŠKH81, SF81b, SI89b, Tak86, TF82, TR86, TV83a, TV83b, TV84, TV89, TP87, TLC87, Van85, VT85, Van86, VCB83, VT82, VCV87, VŻH82, Wag83, WOT89, WH87, WJP83, WBK86, YMO80]. **study**
[Zie82, vDTBN80, CFG+83, CG80, OYN80, SvG89, TMON80, TF80].
studying [EIMS88]. **Sturmian** [EN87]. **Sturmians** [Bli84]. **styryl** [PD87].
sub [BW85]. **sub-bands** [BW85]. **subduction** [Wen86]. **subdynamics** [OFB81]. **Subject** [Zer87]. **subshell** [Ten86a]. **subspaces** [BB83].
substituent [BK84b, CZM83, HL80, LLM86, POK85, Sey83c]. **substituents** [BSL+80, LH85, LY83]. **substituted**
[BK84b, BCD+80, GSG84, GJMLRGSA85, Hir80a, HMF82, KTGR89, LaF89, POK85, SSS81, SP86b, Tak86]. **substitution** [MTWO83]. **substitutions** [JD83, PHGR88]. **substrate**
[CLL86, Con87, KK83, MB89, MBD84, SRS81, VWCC82]. **substrates** [GB81, MSC+83a, MBD84, PL83, PL84b]. **substructures** [RJBR+87].
Subsymposium [Ano81s]. **subsystem** [AL80]. **subtilisin** [NSP80].
subtraction [Pan82a]. **Successes** [Mcc83]. **successive** [BSD82]. **Sucher** [Har80, Ish85, Ish86, Ish88b, Ish89]. **sudden**
[BNK86, Lar83, MPP83, PGG80]. **sufficient** [BD85, TS82]. **suicide** [CLL86].
Suitability [GC81, PWL89]. **suitable** [BG88, DQ81]. **sulfide** [Blo89].
sulfides [ÖHD89]. **sulfonamides** [KBSG81, Sey81]. **sulfur**
[Blo89, BCV82, FA86, PDMC82, PDKC84, TL83]. **sulfur-containing** [BCV82, PDMC82, PDKC84]. **Sum**
[Win86, Cio89, GB85a, GS89, Iga85, Sen80b]. **Sum-rules** [Win86].
summability [Sim82a]. **summations** [DFP80, Rei82]. **sums** [SP82b]. **super** [Kat83, Roo80]. **super-CI** [Roo80]. **super-Hamiltonian** [Kat83].
supercoiled [MT85]. **supercomputers** [CCC+89]. **Supercomputing** [CCC+89]. **superconducting** [FGMM80]. **Superconductivity**
[Mat80, CCS84, Fle81, LSW89, Sch88]. **superconductor** [Lit81].
superconductors [KGO89, SS88]. **superexchange** [MA80a]. **superflow** [Con87]. **superfluid** [Lee83, SS80b]. **superlattices** [LOGC86, LVL+85].

supermolecular [SHPK80]. **Superoperator** [WG82, CD85]. **superoperators** [Löw82a, CH86]. **Superoxide** [Var81a]. **superposition** [AGCT87a, LC81, MK85, PŻ85, SHKP80, SRHK83]. **Supersecondary** [SRDG85]. **Supplement** [H$^+$90, OM83b, OM83a, OM84, OM85, Pie85, OM82b, OM86]. **Surface** [AS89, BLG85, Boe88, BBL81, ČD87c, CSB86b, FBM80, FCPL84, Hal88, IL84, JS88, Kou80, Kun86, LP81a, Lin81b, LVL$^+$85, MSI80, MB85, MG85, NOMK80, Ori81a, PT89a, RVK80, RLH86, Sim86, SB83b, TW88, TP80, TP87, TH81b]. **surfaces** [Ågr87b, AMM83, AM88a, Bor81, CLVC84, Ell84, FN84, Fin85, GM80, GSC89, Hal87, JS86, KPH88, KHRK87, LB86, Lás82, LHH$^+$83, Lun89a, MM80, Mez81b, Mez83a, Mez84c, Mez84e, Mez85a, MB85, Nal80, NP81, Nom80, NC84, PT89a, PL83, PL84b, RM87, ST86c, TOK80, Umr89, Var87]. **Survey** [Ran83, HWZ88, Löw85b]. **susceptibilities** [BYBZB83, Bou80, DCF82b, Sve88]. **susceptibility** [SG87]. **SW** [BS80c, GRP$^+$80, PXLC86, RLS87]. **sweet** [TLT$^+$84]. **switching** [DS88]. **Symbolic** [ČV88, ČVV87]. **Symmetric** [DK82b, HM89a, Lin81a, Csa83, GRBP87, Kat89, LFM89b, WP80]. **symmetries** [ACCC80, BJ87, Ban88a, Flu85]. **Symmetrization** [Tay85, Lim86]. **Symmetry** [Bal81b, Bal82c, Bal82d, Böh83, EV87, Fin85, KS87a, Lef83, ML81, Qia83, Ran80b, RK82, RD84, SAM82, SZJS82, SSZJ82, VFA81, Voj85, AØ80b, BBH87, BDD81, Cal85, CK82, CS80b, Cow82, Cox87, Dov86, FS80, GCP87, GBW88, Gos85, GC87, HM89a, Jar89, KC82a, KPP85, KPP86, Kib83, KG85, KG86c, Kry82a, LM82a, LER87, LC80, Mat84, Mey88, MB80b, Pan83, Pra83, QX86, RB88c, SM85, Tai89, TS80, Yam82, ZRY83, Živ88, Tru83a]. **symmetry-** [LER87]. **symmetry-adapted** [CK82, CS80b, FS80, KC82a]. **symmetry-broken** [HM89a]. **symmetry-correlation** [LC80]. **Symmetry-decomposed** [ML81]. **Symposia** [Mar81a, LM81, Löw85b]. **Symposium** [Fax87, Han86, Kau87, Pul79, PTG80, Ano80b, Ano87u]. **syn}** [HB82]. **Synchronism** [Bur86]. **Synchrotron** [MST$^+$80, MGBH81]. **synthesis** [Blo83a, BCV81, Fox81, Mat82, Mez84e, HAB83]. **synthetase** [SSRR87]. **system** [BNK86, BVD81, BBL81, BFC80, CMDBVMA89, CPS81, CLM80, CB85, DYD89, ES88, Eri89, FF85b, GLLOB86b, GP86a, Gou86, Hos80, IHI80, JŻ85, KHNT86, LAGS89, LCA89, MS86, Moo81, Mor89, PCA89, PR83, SSP$^+$88, SM87a, The84, VP84, ZJŻ88, FF85a]. **Systematic** [BH86, BSHK86, Mar88c]. **systematics** [MP84b]. **systèmes** [TV83a, TV83b, TV84, TV89, Van85, VT85, Van86]. **Systems** [SBE$^+$83, AN85, ACP82b, Ano81s, AL86, ALH86, BR85, BB82a, BR81a, BD88, BEP87b, Ben82, BR80, BK82, BK84b, BP83, BDK86, CTP83, CDL82, CD83, CLS81, Chu88, CR81, CCG$^+$82, CS82, D$^+$85, Dav85, Dav91, DBS82, DG83, Del88, DD87b, DRS83, DPR80, Dov86, ES80, EZ83, EB82a, EB82b, FC81b, FC81c, FC81d, FC83, FC84, FC82e, FC82d, FD89b, Fra84, Fra85, FR84, FCB80, Fro88b, Frö83b, FGMM80, GSMRM85, Gás86b, GR89,

GD82b, GDBRV87, Gla85, GK80a, GLLOB88, Gos82a, GC84b, Gre87, GCP82, GBK86, Has82a, Has82c, HZBR89, Hil85, HDO88, HČ83, IA87, II82, JI88, KC83, Kar80, KH86, KPP85, KPP86, KRT83, KM85, Khe81, KD86, Kle83, KCP80, KM89a, KB87a, LCC84, Lar82, LB86]. **systems** [Lie83, LW82, LW84a, LW84b, LN89a, MM87b, Mic83a, MB84, MS80a, MC89, MB82, MBD84, MK81, MF87, NHKY83, NS86, Obc84, OMCD81, OL80, PWL89, Pan81, PMCA88, Pip89, PD80, Pos83, PBGT80, RZ86, RHST88, RSBR85, Sad83, Sch80a, Sch81, SS84b, SD88, Sch83b, SCH84, See84, Sey81, SNNO86, SMJ83, Sri86, Swe82, Swe83, SC84b, Tab82, TNY86, TPČ83, TF83b, Tay83, Tay84, Tay86a, Tay86b, Ten88b, TN80, TV83a, TV83b, TV84, TV89, Van85, VT85, Van86, Yam80b, Živ87a, Živ87b, Živ87d, Živ88, Cal86c, Nat88, Tap88]. **Szabó** [Tap88]. **Szasz** [Bra86b]. **Szent** [Fox87, Lad87]. **Szent-Györgyi** [Fox87, Lad87].

T [Ano81d, Cal81b, Tap86, GUSS89, LSW89, Sch88, SS88]. **table** [Blo89, Ess82, Pur88]. **tableau** [LZ89]. **tails** [IO89]. **Tallahassee** [WJ82]. **Tamm** [TF83a]. **Tamm-Dancoff** [TF83a]. **targets** [TR80, Mår82]. **TATB** [HKKM83]. **tautomeric** [BLR83, BCD$^+$80, DKLP81, HPKW81, LWZ88]. **Tautomerism** [LOB86, SS81b, BKS87, CL80, KKA$^+$84, LOB85, MB82, PSS86, Sch82]. **tautomerization** [XYSJ81]. **tautomers** [KPSS87, PSS$^+$87]. **taxonomy** [CD87b]. **Taylor** [JBW87, LKB89]. **TCNE** [WK83]. **TCNQ** [ECM89, SAP81, ZY85]. **TDHF** [GY87, NS82b]. **technique** [BD88, Bur85, DMB$^+$84, DR88, EIMS88, HPK81, KB80, Kia81, Löw82c, PM81, RTM81, RTM83, RMM83, RTM86, WS81, WS82]. **techniques** [BEP87a, BEP87b, Bue86, Hay82, New80, RL86, RP81a, VBS85, Was89, Rat88]. **technology** [Cia81a, Cia81b, De 80, HM81]. **tell** [Cas85, ST86a]. **Teller** [Sin81]. **Temperature** [Hir80a, CP83b, CTV80, CT81, EV87, Fle81, MTI80, MB83, PGM80, SS81b, Urr88]. **temperature-dependent** [PGM80]. **temperature-perturbed** [CTV80, CT81]. **temperatures** [CC82b, Csa80, Csa82, GLLOB86a, TK86, ZV85, ZV86]. **temps** [STV80, SV85a, SV85b, SvG89]. **ten** [Yon85]. **tenseur** [SV85b, SvG89]. **tensor** [FC82a, FNC86, GC84d, Pan85, Pie84, Pie85, SV85b, ZS86]. **tensors** [BH89b, DQT80, DQ80, DQ81, FGM87, Fol81]. **term** [FGC84, FWS$^+$85, Lud83, VV83]. **terms** [AZY84, ALH86, Dun87, GS89, Ger86, Hib81, KDA81, KEB87, LER87, Nat86, NCKL81, Röm83, SF80b]. **Ternary** [Zun85, BMMS81]. **tertiary** [POT80, SRC84]. **test** [Chr80a, Chr80b, LSH88, PSBB83, SRL$^+$83, SP85, Tin80, Ish86, Ish88b, SST83]. **Testing** [NP81, YG86]. **tests** [Kun83, LCULC87, RST87, Sin80b]. **tetra** [SM85]. **tetra-atomic** [SM85]. **tetragonal** [KAA85, RK82]. **tetragonal-pyramidal** [RK82]. **tetrahalides** [LHP80]. **tetrahedral** [DA88, NC84, Ori85b, Yan85]. **tetrahedron** [BFJ81]. **tetrahydroacridine** [PBKB89]. **tetramers** [FN84, GP85, NC84]. **tetramethylammonium** [GP83b]. **tetramethyls** [LHP80]. **tetramethylsilane** [YUKK84].

tetrapeptides [RTM83]. **tetraphenyldithiapyranylidene** [ECM89]. **Tetrathiafulvalene** [TL82]. **tetrathiofulvalenes** [POS81]. **tetryl** [HKKM83]. **Texas** [Pic83a]. **th** [SV82]. **Thalidomide** [KTK80]. **Their** [ML81, AEHNEA85, Ada64, AØC82, Bal82d, BN84, BR81b, BSL+80, BC80, Cal86b, DPZ80, Don79, DDFA87, EGP86, Fli86, HV83, HG86, KC83, KTK80, KRST83, KRBM85, LOB85, LOB86, MTI80, Mat84, Mof81, MP87, NKZ88, New80, PD85, Sar89, SF81a, Sil80, Sin89, ST86c, VMMV80, WBK86, WHT86, XYSJ81, ZP82, Zie82, Živ87a, EC83]. **theorem** [AEM86, Coo87, FC82a, FC82c, GN87, Kar85, Kry80, LJC83, LP82, MM82, MD87, May86c, MPS86, Nal80, Sch80b, Wea84, Wea88]. **theorems** [FC83, Niu84b, Nov83b, Sil84]. **theoretic** [Bon83, Eng83a, Eng83b, KSSH85, Kle86, KS89a, Ler85, Mar88c, RFST85, STS83]. **Theoretical** [Bar86, Boe88, Cal86a, CCG+82, CP85b, DSW80, Gas86a, Gla85, GjC86, GLLOB86a, GP82, GP83b, GP83a, GZWYCHC88, GDX89, HZ84, HL80, Hos80, HJ80, JŻ85, JA82, KCC80, LCC84, LSW89, LPC+80, LLS83, LL89, LY83, LCA89, Low82d, Low82e, LGL+84, LHH+83, MTWO83, MWO+84, MW83, MKW85, MTO+81, MOT+83, MK83, MV87, NS86, PCA89, PZ84, PMOW89, PFC88, PGM80, PBBK89, PBKB89, RDG84b, RDG84a, RGDF85, SO85, SS83, SS84a, SS85, Ser84, SJRP88, Sok81, Tew87, Tew88b, TB83, Tho89, TK83, VŻH82, WCE89, Wój86b, YMO80, Yam81, ZA89, ZJŻ88, BBH87, BB82a, BN80, BH82, Böh83, Böh85, Bou84, CPN89, CS87, CCS84, DT83, DOW89, DD89, EB82a, EB82b, EB82c, ECM89, FGC84, FZZ87, Fle81, GEdP81, Gre82, GP85, Gro85, GDR85, GS80, HGHGF+89]. **theoretical** [HP81, Kau81, KT80b, KST84, KPSS87, Lad87, LCF89, LOB85, LH85, LR89, LL82b, LL85, LLM86, Mar88c, Mas87a, Mat82, Mez85a, NB79, PWL89, PSS+87, PGPRN86, RW80a, Ran81, RZ86, RSNT88, RLH86, SRO81, SK80, SVS81, SCER88, SKER83, Sim86, Sla85, Suh83, TNT+86, TR86, Wój86a, Woo82, KC82c, SHP+80, TLT+84, Tap88]. **théorie** [SV85a, SV85b, SvG89]. **theories** [FS86a, JP80, Khu82, Kle87, Kut80, MJ89, MM81, NH81, dB84, NHKY83]. **théorique** [Cal81a]. **theorists** [Kun83, Woo80, Cal82a]. **Theory** [AHB+80, Bra86b, Cal81c, CM81, Csa82, DR84, Fri87, Gir86, IDK87, KWBC80, LM81, LH87, MB83, NKM81, OT80, Pac82, RDH84, ZV85, ZV86, Ågr88, Ada82, AČP82a, ACP84, Ade87, AT85, ADL78, Ano80c, Ano82s, ACCCBF80, Au82, Aus84, AØM81, BPT88, BS80b, BW80, Bel80a, Ben82, BK84a, Bha81a, Bha82a, BP86, BK89, Bon81, BT82, BS81b, Bor85, BERE85, Bre80, BC84, BC85a, BC85b, Bue86, Cal86b, CS80a, CS80b, CS83a, CDL82, CD83, CP85a, CMM83, Cho80, CGK82, Chr80a, Chr80b, Chr89, Cio87d, Cio88a, ČV82b, CV85, ČD87c, Cla86, CA85, CA86, Csa85, Csa87, CZ82a, CZ82b, CZ88, Cul89, DPZ80, Del83, DP81, DS88, Don79, DCF82b, DWQ86, DC82b, DBC84, EI81, ERB82, EKBE86, FC84, FF84, FEKC84]. **theory** [FK80, Fuk81b, FGMM80, Gás83, GV88, GGDG86, GGDG87, Gol80, GB85b, GBW88, GBW89, Gol84, GK80b, Gra82, Gra84, GP86b, Gre81a, HF86, Har87, Har83a, HB86, HC80, HHT82, Her83, Hub80, HČ83, Hun80, IS85,

IPV81, Ish83, Ish84a, Jac80, Kal85, KCK83, KK86, Kel86, KL87, KS84, Kha85, Kia81, Kim81, Kin86, KT80b, KGO89, KPS87a, KPS87b, KPS88, Kub82, KB88, Kum87, Küm83, LM82a, LB83, LP82, Lev89, LC88a, Löw81a, Löw82b, LCG82a, Löw82c, Mak80, MTLL82, Mal82, MMM81, MS88, Mat81a, MN81, Mat87c, Mat87d, Mat81b, May86b, MS89, McD81b, McW83, McW88, MBT80, Mel87, Mez81b, Mez85b, Mez85c, Mez87a, Mic87, Mor83, Muk86, MP84b, Muk84, MPD87, Nak83, NDBE82, NMK84, OFB81, Obc84, OS89a, OPSO86, OPSO87, Oga80, OJY83]. **theory** [Ort87, Ort88, PP84, PL89, PT84, Per85, Per86, PP81, PSK86, PW86, Pic83a, PM84b, Pie84, Pie85, PS84, PHGR88, Pul79, Pyy86, Pyy93, Pyy00, RS84, Rec80, REB83a, REB83b, RSMM86, Sch83b, SD81, ST83, SB84, SI89a, Sel88, Sew86, SF81a, SL86, Sim82a, SRT81, Sin80b, Ska84, SV85a, SV85b, SvG89, SS87, Str82, Suc84, Suh84b, SHLL83, SH87b, Sza85, TNY86, Tac88, Tac89, TPČ83, TP84, TR82, Tay83, Tay84, Tay86a, Tay86b, Ten86a, TKR86, Tru83b, VVD80b, Var81a, Var81b, Var85, VCG86, Wea83, Wes81, Wes82, Wil80b, WS81, WS82, WJP83, WJP85, Win85, Wu82, ZNS80, Zhe83, Zho88, Živ86, Živ87c, ZAB85, CS80a, CDG80a, DDP81a, DBES80, Hib81, KWJ83, MRJ85a, Ågr85]. **therapeutic** [SS80f]. **there** [Ada82, KFD84]. **Thermal** [GT86, Hil81a, Hil81b, Hil81c, MB86, Chu88, FHH+87, KKTE80]. **Thermodynamic** [Blo83a, Bro88, CA86, GZWYCHC88, MBT80, PV89, SZR80, SKER83, SK81]. **thermodynamical** [Löw88]. **thermodynamics** [Pan81]. **therory** [Cul88]. **these** [TS82]. **thin** [WD81]. **thio** [LOB86]. **thio-derivatives** [LOB86]. **thiocarbonyl** [DMB89]. **thiocarbonyls** [Fin87]. **thione** [FZZ87]. **Thiophilic** [PH87]. **thioxanthenones** [MLA80]. **Third** [MB80a, SF81a, Blo89, MMC83, Sve88]. **Third-harmonic** [MB80a]. **Third-order** [SF81a, MMC83, Sve88]. **Thirring** [Csa86a]. **thirteenth** [PTG80]. **Thirunamachandran** [Tap86]. **Thomas** [CT81, BPT88, CTV80, Csa80, Csa81, DCF82b, Ess82, Lud83, Ols86, Ten86a, Ten86b]. **Three** [BVB88, NCKL81, Nov83a, AEHNEA85, Ble82, BCT86, CC83, CLZ84, FGS85, Fla80, GTB80, GD82b, HBSC83, HS80b, HY89, Jon83, Jon84, MK85, MBD84, PS80b, Pos83, PD89, RB88a, Ran88, SRDG85, Wea88, LCULC87]. **Three-and** [LCULC87]. **Three-body** [NCKL81, Nov83a, Ble82, CC83, Fla80, HBSC83, PS80b]. **three-center** [CLZ84, Jon83, Jon84, Wea88]. **Three-dimensional** [BVB88, GD82b, MBD84, PD89, RB88a, Ran88, SRDG85]. **three-electron** [HS80b]. **three-particle** [Pos83]. **thresholds** [BN84]. **thromboxane** [WWD88]. **through-space** [RDG+86, SC86b]. **throw** [KPTG88]. **throw-over** [KPTG88]. **thymine** [MGN82, RBSR84, Zie82]. **thyrotropin** [RTM86]. **thyrotropin-releasing** [RTM86]. **Ti** [Dat82]. **TiBe** [Enz80]. **TiC** [BS83a]. **tight** [Böh84, Mod81, Sto82a, Sto82b, Zho88]. **tight-binding** [Böh84, Mod81, Sto82a, Sto82b, Zho88]. **Time** [Jac80, Lar83, PZPL86, Sad89, Tru83a, VM81, AM84, AJY80, BP86, Bot81, CD83, CD85, Dal80, DÖ89, FGG83, GM86a, McW83, MS84, Mey88, Mic81a, Mic83a, Mic85, Mic86,

MB83, SV85a, SV85b, SvG89, SM87a, Tac82, VM83, WB81, SM83]. **Time-correlation** [VM81, Mic81a, Mic83a, Mic85, Mic86, VM83]. **Time-dependence** [Sad89]. **Time-dependent** [Jac80, Lar83, Tru83a, AJY80, BP86, Bot81, DÖ89, GM86a, McW83, SV85a, SV85b, SvG89, Tac82]. **Time-resolved** [PZPL86]. **times** [GLB81, YKZ+89]. **tin** [BC84, BC85a, BC85b, RLS87, BS83a]. **TiO** [BS83a]. **Titanium** [BAN88b, Hil85]. **Titchmarsh** [EKBE86, REB83a, REB83b]. **TNT** [DT83]. **tocopherol** [SPSG85]. **TOM** [CPMP86]. **Tometsko** [Mår82]. **tomorrow** [KST83]. **tool** [Mez85b]. **Topological** [BMT80, Sey83a, Sey83b, Sey83c, Sin88, PNA86, PNA88]. **topology** [Cal84, Hil81b, Kin86, Mez81a, Mez82, Mez83c]. **torsional** [JRK84, LM82a]. **Total** [CLVC84, Cio88b, Csa85, Csa87, Bag83b, BZA84, CB88, Csa89, DCF82a, Fra85, Mar85b, MC88, Mez86b, MW87, NMK84, NC87, YKZ+89, Fra84, PDMC82]. **totally** [HOT87a, HOT87b]. **TOX** [KKH+83]. **TOX-MATCH** [KKH+83]. **toxicity** [BNS+87, HLKK82, Kau81, LHKK82, LZY83]. **toxicology** [Kau81, KKH+83]. **toxicophores** [KKH+83]. **toyocamycin** [SC80a]. **trace** [Löw81a, Löw82b]. **track** [CJ89]. **tracts** [GUSS89]. **trailing** [KO80]. **trajectories** [Avr82, DBF89, Dun87]. **trajectory** [ES81, SM87b, ZJŻ88]. **trans** [GBO86a, EIMS87, KL80, KKA80b, LPP84, RB81]. **trans}-dichloroethylen** [LPP84]. **trans}-dichlorooxirane** [LPP84]. **trans}-polyacetylene** [KKA80b]. **transaminase** [AIJW82]. **transcription** [BST86, KMKC88, SKR81, SR81]. **transduction** [Moo81, Urr88]. **Transfer** [SCER88, Ågr83, Ave84c, BLG85, BQS87, BCD89, BL89b, CL80, COS82, CC82a, DÖL87, DOW87, DOW89, ECM89, FHHHE85, Fla80, Fut87, GSM83, GPLP85, GCP82, GCP86, HR84, HKV85, JN88, KH86, KBT80, KS86c, LS80, Lar82, LBKV88, LS86, LT81, LCA89, MGN82, MDO+82, Mic81a, Mic83a, MR87, MR88, MC89, MBD84, MPP+81, NSP80, NW82, OL80, Par84, PMCA88, PK88, RB89, RJ87, Sch80a, Sch83a, SD88, SWW89, SHRH82, SAB+80c, Suh84b, SRC84, TNY86, Vas82, VM83, YZ85, ZV85, ZV86]. **Transferability** [RACPL86, HAmGS86]. **Transferable** [AØ80a, AØ80b, AØM81, AØC82]. **transference** [MB82]. **transfers** [KJL87, Sch81, SSB83]. **Transform** [GSO+87, DFP80, GKMV80, PS80b]. **Transformation** [Gal82, BDR+88, Bha82b, BVAB81, DM85, FPT81, HY89, Iga85, KN84, Kim81, SY86, SH87b, TS80, Ten88a, Wea83, Wes81, Wes82, TV83b]. **transformations** [BF83b, FC82a, KPS87a, KPS87b, KPS88, LWÖ81, Mal86, Niu84a, OY83, PSK86, Ste81, SHLL83, Wit81]. **transformed** [GMP+84a]. **transforms** [MPP83, Niu84a, Niu84b]. **Transition** [Cal84, Dat82, KS89b, YG87, AJY80, AIJW82, Bal88, BSHK86, Bau86, BW85, Bha82c, BBPS83, BP80, Böh82, Böh83, BBAT82, BANF86, CKM81, CLM80, CMM83, DS81a, De 80, DK82a, DA88, Ell84, EGP86, Faz87, GM86a, GOLC87, GC84f, Has85, HWZ88, Hil85, HG86, Hos80, Jac89, JN88, KN80, Kau82a, KMW80, KLDD84, LFM89a, LNN84, Mal86, ML81, MF87, Nas83,

Nec83, Nes85, OM81, PC88, PT89a, Sad89, SF89, SMJ83, Suc81, TPN86, TP80, UT80, Urr88, WS80b]. **transition-metal** [BSHK86, BP80, CKM81, Ell84, Hil85, KN80, TP80, WS80b]. **transition-state** [AIJW82, BBAT82, OM81]. **Transitions** [Mou89, ACP82b, DC82b, FMF80, GLP83, II82, MR80a, MH80a, MT85, Mcc83, Min80, SAM82, SMJ83, Sta71, Sta87]. **translated** [Muj86]. **Translation** [Pia83]. **transmembrane** [UTP82, UTVP85]. **Transmission** [EC83, FGC84, TMO86]. **Transport** [PD89, BP83, DP87, IMTG80, Lar86b, MP84a, Pan81, WD81]. **transversion** [KBR83]. **transversion-type** [KBR83]. **trap** [Tat81a]. **trapped** [IST89, MDT85]. **trapping** [ST86b]. **Treatment** [ANH81, DM85, Lad83, MH82, AEHH81, AEHM85, AEHNEA85, AČP82a, AT85, Ave84c, BPT88, CPS81, Cha82, Dov86, ESS86a, GSO$^+$87, HBC86, HZBR89, HAB83, JBW87, KRT83, KD86, LOBS86, MW87, MÖ80, MBD84, MBR80, PABL88, QX89, RZWL80, SM82, Tay81, Ulm83, Ulm85, YKZ$^+$89, ZHB$^+$87, dSdMB86, BNK86, BF81]. **trees** [Bal82b, KT86]. **Tri** [RTM83]. **Tri-** [RTM83]. **triad** [SKEDR81]. **trial** [OYH$^+$80, RBL84, Tay81]. **triatomic** [BR81a, DS82, DSW80, DGSO85, GVVDB89, LCF89, Nal80, ZHB$^+$87]. **triazenes** [SJH89]. **trichlorine** [SP86a]. **tricine** [SK81]. **triclinic** [KAA85]. **trifluoromethyl** [CNK87]. **trifluoromethylamine** [HM85a]. **trihalides** [YZ85]. **trihydrate** [SA86a]. **trimer** [FFF88, HKV85]. **trimers** [CKLR80, HBSC83, NCKL81]. **Trinajstić** [Brä86a]. **trinuclear** [MK80]. **triol** [PK88]. **trioxide** [CPGP83]. **triple** [CLP83, Cul89, PHGR88]. **triplet** [AMM83, GK80a, KSO84, Kar84a, MGN82, NH81]. **Trivedi** [Ågr82]. **Trivial** [FC82b]. **tRNA** [KG80, LCP81, Shi85, SSRR87, Yon85]. **troponin** [SRDG85]. **troponin-C** [SRDG85]. **Troxidone** [JW86]. **TRP** [LCA89]. **truncated** [LKB89]. **trypsin** [LSS83]. **tryptamines** [GJMLRGSA85, Yam81]. **tryptophan** [MGBH81]. **tryptophan-containing** [MGBH81]. **Tsetlin** [LP89]. **Ts'o** [Mar81a]. **TTF** [TL82, TL82]. **tumor** [Lew88, Tho86b]. **tumor-inhibitory** [Lew88]. **tungsten** [CPGP83, Kun86]. **tunneling** [Har82, Kar89, NOMK80, SB88]. **Twelfth** [Pul79]. **Twenty** [Löw85b]. **Twenty-five** [Löw85b]. **Two** [AM89, HG86, KS82, LPS83a, LPS83b, LSP85, Lan84, LE80, Umr89, ACP84, AM88b, BLG85, BN84, BSL81, BSD82, BP86, CLA80a, CC83, Cof83, FF85a, FF85b, FW80b, FH81, GHGP89, GM86b, GBZ86, Gus87, HS89, Iga85, II82, JSS80, Jon81b, Jon82, Ker81, KDA81, KBT80, LCC80, LCULC87, LC83b, LAGS89, Mez85a, MS80a, MBSC81, MBD84, MPB84, Nag82a, OY83, PSM87, PS88, Pie84, Pie85, PŻ85, RB88a, RB88b, RLPFA86, SNNO86, ST86b, Sri86, TS80, Ten88b, WJP85, RB86, SHL86]. **two-** [CC83, Ker81, MBD84, RB88a]. **Two-body** [KS82, FH81]. **two-by-two** [Iga85]. **two-center** [Cof83, Gus87, Jon81b, Jon82, MPB84, PSM87, RLPFA86]. **Two-Dimensional** [LPS83b, LPS83a, LSP85, AM88b, FF85a, FF85b, II82, KBT80, PS88, RB88b, Sri86, RB86]. **two-dimensionally** [MS80a]. **two-electron** [BLG85, GHGP89, GM86b, HS89, JSS80, LCC80, LCULC87,

LC83b, OY83, PŻ85, TS80, Ten88b]. **two-particle** [FW80b]. **two-photon** [BP86]. **Two-rotor** [SHL86]. **two-state** [WJP85]. **tylophorinidine** [GDM+81]. **Type** [GOLC87, AČP82a, Bha80, CGT86b, DF83a, Gus85, Gus87, IS88, JSSS80, Jon80, Jon81b, Jon81a, Jon81c, Jon82, Jon83, Jon85, Jon86, KT84, KBR83, Kut80, Kve82, PS80b, STH80, SC86a, SC87, Sch89, Sin81, SF80b, TH80, YZ85, Cla83a, SCH84]. **types** [Bal81b]. **typical** [VCB83, Yon85]. **tyr** [SSRR87]. **tyr-tRNA** [SSRR87].

U [Wor81, FN83, GC84d, Gou86, MF87]. **ubiquitous** [FS86a]. **UHF** [BVAB81, Coo87, HČ83, KT84, Yam80a]. **UHF-natural** [Yam80a]. **UHF-type** [KT84]. **ultimate** [LPCF80]. **ultrafast** [Fle86, Rat87]. **Ultraviolet** [LaF89, SM83]. **uncatalyzed** [OLB+82]. **uncorrelated** [Gos82b]. **uncoupler** [YKTA80]. **underlying** [PL84a]. **underpotentially** [MB89]. **Understanding** [Ada64, Ada69, Ada80a, HLKK82, Kar89, LHKK82, Lun82]. **Unified** [Gus87, Sil82, dSdMB86, Cio87d, Fox86, Oga80, Rec80, Ulm83, Ulm85, Win85, AT85]. **Uniform** [DPC82, PDMC80, PDC80, PDC81a, PDC81b, PDMC82]. **unifying** [Del81a]. **unimolecular** [BBLR84, Chr80a, Chr80b]. **unique** [SV85a]. **unit** [DAPS81, SY82, SW81]. **unitarily** [ACH83, SLT84a, SLT84b, ZS86, CA80]. **Unitary** [GC84c, GC84d, GC84e, GC85b, GP86a, Gou86, KS84, Ste81, SH87b, BS81b, CH86, Duc85, FS80, GCP87, GC84b, HY89, KS82, KS86a, LZ89, LP89, LSBS81, Mat87a, Mat87d, MP84b, Pay82, PM84b, SS80d, SHLL83, Wes81, WP80, Zhe83]. **unitary-group** [Mat87d]. **units** [RB88c]. **universal** [GBK86, LP85]. **Universality** [FM80]. **universe** [Wal84]. **universitaires** [Cal81a]. **University** [Kum87, Mou89, Pic83a, WJ82]. **unknown** [MMRY88]. **unoccupied** [TMO86]. **unprotonated** [BKP83]. **Unrestricted** [Fuk81b, Has82c, Ort89, RBL84, SS87, Yam80a, PCG83]. **Unrestricted-Hartree** [Has82c]. **Unsaturated** [KMPTK89, MG83]. **unsolved** [TKR86]. **unstable** [Gir80, Sin89]. **Unsymmetrical** [FC81d]. **Unusual** [RWG83, BLR81]. **Unusually** [NS83]. **updated** [FNPS82]. **upon** [AEM86, BP84, FCPL84, KHRK87, KS86c, NH84, SD88, Ten86b]. **upper** [BH86]. **Uppsala** [Muj86]. **uracil** [BSL+80, HCCB86, LOB86, RBSR84, SS84a, SZR80, Zie82, MB82]. **uracils** [SSN+84]. **Urban** [Fro81]. **urcail** [CHB88]. **urea** [VB85]. **ureas** [DA80]. **uridines** [SP86b]. **USA** [WJ82]. **Usage** [TV83a, TV83b, TV84, TV89, Van85, VT85, Van86]. **Use** [Ave84c, Cas88, Dew88, Har80, LJC83, LKB89, MR80a, McD81b, Mül81, Nal80, PFBF81, Pau79, RSMM86, Win83, AN85, BNS+87, BPCT83, ČPV81, CS82, DMB+84, DFP80, DAPS81, FNC86, Ish85, Ish89, IQ87, IS88, JSSS82, Lib84, MP84b, Muk84, NKZ88, RB88c, ST86c, TL83, GC82a, TV83a, TV83b, TV84, TV89, Van85, VT85, Van86, Cal82b]. **used** [BAG83a, Kun83, STS82]. **useful** [Bha82b, LE80, SMVV86b, SMVV86a]. **Using** [PC86, AØM81, AW83, BPLB87, BYBZB83, BH89b, CP85a, CB88, CHB88,

CPZS86, DH84, DBES80, EBO83, EC83, GOS87a, Gre87, GSS85b, HPK81, Iga85, IAAA89, IST89, JMD88, Kah84, KCK83, KC82c, KC82d, Kau82a, KKH+83, KS86b, KM89b, Lar86b, LLS83, LWK84, Luk81, LN89b, Mcd81a, MKW85, MGBH81, MPP83, MMC83, NKM81, NMK84, Noa80a, Noa80b, OL82, PG80, RP81a, RSSS81, RTM81, RTM83, RMM83, RTM86, RP89, RSGK88, SIJ85, SB87, SS80d, SBE+83, SNNG86, SS86b, SRL+83, SS87, SC80b, TN89, Tay81, TPN86, TB81, WJ80, Wea84, Wen86, Yon85, YS80a].
utility [ML81]. **utilization** [CF81a, KC83]. **utilizing** [HAmGS86, KK87].
UV [BCD+80, Bre80, SG81b, Suh84b, Suh86].

V [HDFL84, ES81, SMD83, SBE87, YKZ+89, AØ80b, Boč89, CS81, DPC82, Faz87, FHHE80, KG86d, LCP81, LR89, MLA80, PSIT87, RTM86, Sch81, SvG89, TP84, TK83, VT85, Win83, Yad83]. **vacancy** [CS80a, IST89, TH81b].
vacuum [Toy88]. **Valence** [Dur86, MS87, Bak85, Dia86, EB82a, EB82b, EB82c, GMM84, Her83, Hib81, HO85a, HO85b, Lip88, May84, May85, McW88, Mül82, NP80, OKZ85, PC88, PLL86, Pic83a, RS84, SD80, SF81a, SRT81, SWM82, SSF+84, Str82, SBWW80, TS81, VI84, LW84b].
Valence-bond [MS87, Her83, RS84, LW84b]. **valence-shell** [Bak85].
valences [May86b, May86a]. **valency** [Pra83]. **Validity** [FWS+85, BW80, HYS89, LBP84, MM80]. **valinomycin** [GEdP81]. **value** [GBZ86]. **values** [FN83, Küm83, PO85, SKER83, XYSJ81]. **vanishing** [Lim82]. **vapor** [DSG86, Hir80a]. **vapor-phase** [Hir80a]. **variable** [Böh82, Böh83, Cio88b, SM80]. **variables** [KMW80, Tru83a]. **variance** [Tho85, Tho86a]. **variant** [ADF+88, DMB89, Rér89]. **Variants** [Bha81a].
Variation [Dal80, Ver80, CL83b, Kag83, LN89a, MRJ85a, MRJ85b, SHH+83a].
Variational [ARZ+89, Bha80, CTV80, Csa80, CT81, Csa83, FL83, Fuk81a, Ham82, HT82, JSSS80, KFD85, KSGB+83, Mal82, Mic83b, PKH87, Pul83, Sel88, Sil80, Tay81, BG88, Bue86, Csa86b, Csa89, CZ88, FAC84, FD86, HBC86, Jac80, JSSS82, Kut84, LFL+81, LTLF87, LLC83, MK81, RSST86, SA80, SG87, Sve88, Ten80a, Wea82, WOT89, YKZ+89, ddF86, HK86, Mat81b].
Variational-Perturbation [Mal82]. **variational-X** [SA80]. **Variationally** [GM86a]. **variations** [RW80a]. **various** [BG81, BS86, CLP82, GC85a, KNM83, Nov83a, PČP82, STS82, STS83].
VDW [GVVDB89]. **vecteurs** [Van85]. **vector** [AØ80a, HL88, LRT88].
vector-pairing [AØ80a]. **vectors** [Van85]. **velocities** [BWEW89]. **velocity** [FWS+85, FS86a, GD82a, HYS89]. **Verlag** [Ågr88, Fro81, Fro83a]. **version** [Boč88b, MDT86, MDT87, Win82]. **versions** [SH87b]. **versus** [JM83, MBKH83, RBL84, Sla83b, UTP82]. **Vertical** [UI80, AYBP83, AJY80, PZ84, WSD80, LJC83]. **very** [DR80, HO85b, Ran80a]. **VI** [CH86, Faz87, KT84, RD84, SP82a, TP85, Van86]. **via** [Au82, BD88, BF83b, Cio87c, ČV86, CL85, Csa85, Csa86a, Csa87, Fer88,

HG86, JJČ87, KN84, KS89a, Obc87, Rec80, SC86a, SC87]. **vibrating** [Hub85]. **vibration** [ARZ+89, BK89, IL83, KK82a, Kob86, KCP80, Moh80b, Moh80a, SK87, ST86c, Wój86b, vZ81]. **vibration-rotation** [ST86c]. **vibration-rotational** [ARZ+89]. **Vibrational** [Cha88, CHB88, CKM84, DBVMB85, ESCC85, RZP84, SSN+84, VVD80a, Wea83, ARZ+89, Blo89, DVV80, HCCB86, HS88, KL89, MHAS86, MB85, OBMU82, PABL88, PSK+81, SSR+87, SZR80, Shi87, YUKK84, ZV85, ZHB+87, PGM80, TNY86]. **Vibrationally** [GLB81, CJ89, DBVMB85, KH85, ZJŻ88]. **vibrationally-excited** [KH85]. **vibrations** [Kry86]. **Vibronic** [Fis84, GC82b, GC83, GC84f, TIYH86, CKD81, Mar89, MDT85, YA87, Cal86d]. **view** [REB83b]. **Viewing** [HRL88]. **VII** [AØM81, LCDP80, MB83, NP80, TV89, TIS+88]. **VIII** [DO84, KTK80, PGM80, SP86b]. **villain** [Fra89]. **vinyl** [LPP84, LP84, LBV86, MP87, ÖHD89, PP82, SP82a]. **vinylguanidinium** [SSSH82]. **violating** [Hub80]. **Violations** [ZRY83]. **Virial** [FC82c, LM82b, DC82a, FC82a, KD80a, MM82, Nal80, OFB81, RVK80]. **Virtual** [MY81, BP86, CP83a, HZBR89, Hir80b, Kau82a]. **viscous** [vZ81]. **visible** [SM82, SM83]. **visual** [San84]. **vitamin** [GP86b, PG89]. **vitro** [BLT+84, BLY+86, PZPL86]. **Vleck** [Wes82, Wil81]. **voids** [RKO+89]. **Vol** [Ågr88, Cal86a, Cal89a, Fro88a, LM81, Mår82, Mar81a, Pic83b, Zer87, Cal86b]. **Volume** [Cal81c, Cal81b]. **Volumes** [Zer87]. **VRDDO** [HKP81, HKK+82, LHK81, THKM81, HPK81, HLKK82, HKKM83, HKLM85, SHP+80, SRL+83]. **vs** [LJHU89, PMT84, RFST85, RS82]. **VT** [RB89].

W [Ågr82, Cal88, Lun82, Mår82, Sie81, Sme84]. **Waals** [AM88a, BTC+83, DBVMB85, HZ83, HFSB86, Ish83, Ish84a, KCC80, MTLL82, MBSC81, SBB87, TNY86]. **wake** [Car82]. **walk** [CS83a]. **walks** [RWG83]. **wall** [KH85]. **Waller** [Ano89-29, Ano89-28, Fra89, LJ82, Lim87, LGJLCB89, Lun89b, Pau84, Pau89b]. **walls** [Fis82]. **Walter** [Sie83a]. **Wang** [Csa88]. **Wannier** [TP85]. **Warped** [Ori85b]. **Water** [BLR83, LBV86, BMRJ86, Bha82c, CKLR80, CC83, Con87, CG80, CC84b, CP83b, CF81b, DKLP81, DS81a, DSG86, FM86, GG82b, HBSC83, HB86, JL87, KHNT86, KNM83, KJL87, Kry86, LGPP+80, Lip83, Loh87, MK85, NSL88, NCH+89, Nov83a, OL80, RBSR84, RC80a, Rom81, SA86a, SHKM80, TNT+86, YJ85, MR85]. **water-alcohol** [CF81b]. **Water-Chain** [LBV86]. **water-membrane** [Con87]. **Watson** [SS85]. **wave** [ABCV86, Ave86, ALH86, BS83b, CS89, CG80, CP80a, DS80a, DG86, DM83b, Dea89, DD87a, ESKG83, Eng83a, Eng83b, FC82c, FC84, Fra88, FH81, FH83b, GM86a, Gos82a, Gre81b, GA82, HKP81, Has82a, Has82b, Has82c, Hel82, Hib81, HČ83, Hun80, Hun81, IO89, JD83, JD85, Kah84, KK82a, KT88, KPS87a, LPW81, Löw86d, Luk82, LLC83, MM82, Mar88c, Mat81b, May86a, MM87b, MÖ80, MT88, Moh80b, Moh80a, NH81, Nak83, PB82, Pan82a, Pan82b, Pan83, Pan84, Pau84, Pos83, RDH84, Sad89, SPÖ89, SSR+87, She87, SST84, SP85, SM87b, Tac88, TB81]. **wave-function** [Löw86d]. **wave-functions** [Gos82a]. **wave-packet**

[ABCV86]. **wavefunction** [AC89, HGPF89, HO85b, KEGS81, LC82b, Mcd81a, OWÖ81, SS80d, Tay86a, Tay86b]. **wavefunctions** [Bri86, Cio89, Ess84, HC81, KE82, MSF86, SGEK81, Umr89]. **wavelength** [GC84f]. **wavepacket** [Har83a]. **waves** [CC84a, OPSO86, OPSO87]. **waves-induced** [OPSO86, OPSO87]. **way** [GB85b]. **Weak** [Enz80, NTM80, ZH86, KG86d, Pan89]. **Weak-field** [KG86d]. **weakly** [GDBRV87]. **Weatherford** [Sme84]. **weighted** [BM86, BNS$^+$87, Kin89]. **weighting** [RB88c]. **weights** [HO85b, Ori82b, VR86]. **Weizsacker** [Lud83, CV83b]. **Welcome** [Fax86]. **well** [CHKB83, CE86, CE87, CE88, Gra82, JD83, WB89]. **well-correlated** [JD83]. **wells** [DP82, GOLC87, HL81, LOGC86]. **Weyl** [ERB82, EKBE86, REB83a, REB83b]. **Wheeler** [MDT86, MDT87]. **where** [GBZ86, TWW81]. **which** [Eng83a, Eng83b, Hal87, MM82]. **while** [SR83]. **Whitehead** [LWK84]. **widths** [FF89, NMK84, ST84]. **Wietling** [Cal81b]. **Wigner** [GP86a, LM89]. **Wiley** [Bra86b, Brä86a, Cal88, Cal89a, Ler85, Mår80, Nat86, Nat88, Wol81]. **Wiley-Interscience** [Cal89a, Wol81]. **Wilson** [Ano80e, Ten88b]. **wise** [ITKD80]. **within** [BL81c, Cul88, Cul89, DP81, EC83, GC83, KS81, LW82, LW84a, LW84b, MH82, NSS86, PNA86, PNA88, RC80b, SHPK80]. **without** [CV85, Dem86, FC84, HR84, Kut84, LM89, Lim80, SB83a]. **Woodward** [CD89c]. **Woolley** [Cal82a]. **work** [Chu88, Gra84]. **Workshop** [Ano82s]. **wreath** [Bal82d]. **wrong** [Lau88]. **Wu** [Avr82].

X [BF81, BS80c, CPGP83, Dat82, GVVDB89, GBO86b, HL80, JR85, OM81, PXLC86, RSGK88, RLS87, SRP81, SJH89, TH81b, Bha80, KB86, KPS87a, KTS86, BMMS81, Blo83b, CY80, CFG$^+$83, DG86, DC86, GN87, GM83, GLP83, IST89, JTST87, KT80a, LHC80, LLS83, Nag87, Niu80, PXLC86, POT80, SA80, TMO86, TST89, GVVDB89]. **X-phenyl** [SJH89]. **x-ray** [KB86, KPS87a, CFG$^+$83, GM83, POT80]. **x-rays** [KTS86, JTST87, TST89]. **xanthine** [GLP80]. **Xe** [ESCC85]. **XeF** [BR82]. **xenon** [KKCM85, KKCM87]. **XI** [KRBM85, KSGB$^+$83, KS81, SHP$^+$80, TS81]. **xii** [Cal86b, HPK81]. **XIII** [Mis84]. **XIV** [LHK81]. **XLII** [Fli86]. **XPS** [SA80]. **XPY** [PXLC86]. **XVI** [KNSM88]. **XXII** [MN81]. **XXIII** [Mat87b]. **XXIV** [Mat87c]. **XXV** [Mat87d]. **XXXIV** [Fli84]. **xylylenes** [Kar84a].

Yang [Ban82a]. **YBa** [SS88]. **years** [Coh83, Löw85b, LGJLCB89, Lun89b]. **yields** [IDK87]. **York** [Bra86b, Cal82a, Cal82b, Cal86b, Cal89a, Ler85, Mår80, Mår82, Nat88, Pic83b, Rat87, Sie81, Sie83a, Wol81]. **ytterbium** [XHR86]. **Yukawa** [GRS$^+$82].

Z [PM86, VC83]. **Z-DNA** [VC83]. **ZDO** [Boč87, Boč88a, Boč88b, Boč89, PMT84, SHPK80]. **Zeeman** [Aus84, CV85]. **zeolites** [SZ84]. **zero** [GBZ86, YKZ$^+$89]. **Zeroes** [Rei80]. **zeta** [GG82b, KO81, Lás85]. **Zinc** [Das82]. **Zintl** [WBM88]. **ZN** [LG84, WBK86]. **ZnS** [FD86]. **zone** [MW87, Ori80, Ori82b,

Ori84a, Ori85a, Ori85b, RB86]. **Zvonimier** [Zer87]. **zwitterion** [NSL88, RC80a]. **zwitterions** [BVDA88, SG86].

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