A Selected Bibliography of Publications by, and about, Lord Ernest Rutherford of Nelson

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Title word cross-reference

(100) [Tho84]. 1.0 − μ [Gro89]. $1.50 [Dav37], 1/2 [Hei71], 180° [EFKS96],
$23.00 [Dys05], $25.00 [Dys05], $4.75 [Ble57], 5 × 1 [Yuh92], $7.00 [Bat72],
+ [SSWB80a, Sad81], 10 [LMC97], 12 [RR95], 14 [RR95], 16 [RR95], 32
[RRKH94]. 4 [MDJF83, ZB74]. ° [Mon66], 0.18 [WVH+99], 0.25 [TJRS03], 0.47
[GRS+91]. 0.53 [GRS+91]. 0.75 [TJRS03]. 0.82 [WVH+99]. 1 [KKK+99]. 1−x
[KKK+99, PAF+98, Win94]. 1.7 [WVD+96]. 1.8 [LFA+04]. 2
[CSN+00, DMV+96, IFSI94, Ish83, NJS+03, NFM+07, OaHNM98, LFA+04,
REJ86, Tho84, YKH+84]. 3
[Cat93, HGM+94, IFSI94, KKK+99, OaHNM98, RSdS+89, WZS+91]. 4
[WZS+91, YKH+84], 5 [ESRDV84]. x [KKK+99, PAF+98, Win94]. α
[YKH+84]. α [Fea77, GM09, GF10, GR12, Hei68, LMC97, OaHNM98, Rut05a,
Rut05c, Rut05k, Rut05n, Rut05m, Rut06i, Rut06c, RH06a, Rut06h, RH06b,
Rut06m, Rut06l, Rut06j, Rut07g, Rut07h, Rut07j, RG08d, RG08b, RG08a,
RG08e, Rut08c, Rut08d, Rut08f, RR08e, RG09b, RG09a, RR09b, RR09a,

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Rut09f, RR09d, RG10, Rut10f, Rut10g, Rut11i, Rut11j, RN13, RR13a, RR14, Rut19b, Rut19e, Rut19f, Rut19g, Rut19h, RC21a, Rut21e, RC22, Rut23m, Rut23n, Rut23o, Rut24l, RC25, RC27, Rut27l, Rut27m, Rut27n, Rut27o, Rut29b, Rut29e, Rut29f, Rut29g, Rut29h, RC34, Rut66b, Rut66a, Rut10a, Rut12, WR31, vdB07, \( \approx 2 \) [KSKF93], \( \beta \) [Hei68, Mos12a, MR14, Rut05n, Rut11i, Rut11j, Rut12b, Rut12c, Rut12e, Rut12h, RR13f, Rut14k, RRR14, Rut14i, Rut14h, Rut66b, Rut12].

\[ \text{c} \] [IOI+11].
\[ \text{csc}^4(\theta/2) \] [Ram75].
\[ \gamma \] [Cha12, CK33, MM12, MR14, Rut04f, RB05c, Rut12b, Rut12c, Rut12h, RR13b, RdCENdCA13, RR13e, Rut14k, RdCENdCA14b, RRR14, RdCENdCA14a, Rut14i, Rut14g, Rut14f, Rut14f, Rut31d, RE31, Rut31c, RB32, Rut33i].
\[ k \] [Bar85].
\[ m \] [IOI+11].
\[ n \] [Wuy91].
\[ p \] [Ram75].
\[ \text{Si} \] [YKH+84].
\[ \text{Strahlen} \] [Rut06i, Rut31c, vdB07].
\[ \text{Teilchen} \] [Rut09b, Rut31c, vdB07].
\[ \text{Teilchens} \] [Rut07g, Rut08c, Rut08d, RG09a].

\(/ \text{Cu} \) [LFA+04].
\(/ \text{Fe} \) [KSKF93].
\(/ \text{Si} \) [NJS+03].

0-300-01465-1 [Bro86].
0-340-23805-4 [Stu85].
0-473-05700-X [Ced00].
0-85274-759-4 [Stu85].
0-85274-761-6 [Stu85].

1-alkyl-3-methylimidazolium [NOH+10].
1-butyl-3-methylimidazolium [OHN+09].
100-letiju [Kap73a].
100m [Fla17].
100th [Kap73a, Sch13].
105a [Bur64].
107 [Wil74].
12.50 [Sin81].
128 [Szy85].
12th [Rut36h, Rut26f].
14 [Rut31b].
17.50 [Stu85].
184.\( \ell \) [Sin81].
1895-1896 [Rön58].
1903 [Adl03].
1904 [Rut05c].
1908 [Ano09a, Jar08, Rut08g, Tho08a, Tho08b].
1909 [Rut09e, Rut12a, VRWB12].
1911 [Ano06, Bad67, Bad85b, Str11].
1913 [TGMR74].
1926 [Rut27e, Rut27f].
1927 [Rut26f, Rut28a, Rut28g].
1928 [Rut29j, Rut29k].
1929 [Rut30a, Rut30h].
1930 [CDE+31b, Rut31a, Rut31e].
1930s [Stu79a].
1931 [Rut31b].
1933 [CCJ+34, Rut33h].
1936 [Rut36h, Rut37a, Rut14].
1937 [M.39].
1947 [Ano48].
1956 [Fla57].
1957 [dCA58].
1958 [Boh61].
1961 [Bir61, Hay63, Raz63].
1969 [WH72].
1971 [Wyb72, Tre75b].
1972 [Meh73].
1974 [Lov75].
1er [LRdB+23].
1st [LRdB+23].

20.00 [Bro86].
20th [Meh73, Bre97].
22 [Bad67, Bad85b, CCJ+34].
2nd [Rut33h].

4-vinylpyridine [HW92].
40 [RRKH94].
41 [Hwa83].
45 [Ree06].
4H
6H [KIS+89]. **6H-SiC** [KIS+89]. 6th [LRdB+23].

7059 [DJBW83].

80th [SR37].

A. [Rut05]. **Abbey** [Ano37a, Ano37j]. **ABC** [Wen53]. **Aberdeen** [Ano20b]. ablation [KKK+99]. Ablenkbarkeit [RG02a]. Ablenkung [Rut03b]. above [Ano38b, vBD89]. absorbed [Rut03b, Rut03f]. absorbierbaren [Rut03b]. **Absorption** [Cha12, Rut97a, Rut06a]. Abstract [Ano09a, Bau73a, Eld85, Nor79, Rut96a, Sar79, Tho84, HFD+99]. Absurd [Ano33a]. Academic [Rut34h]. Academician [Ano66a, Kap66b]. **Academy** [WH72]. Accelerator [DYF67, Wil74]. Accepts [Ano07]. Accomplished [Rut37b, Rut08a]. **Account** [Sod02, Sod03]. accounts [Sha87a]. Accurate [JBS12, OKR35b, SNW+05]. Achieved [Ano22]. achievements [She17]. actinide [BSS88]. Actinium [Ano06, Bol06, Rut07e, RWWW30, RWL31b, RB32, Rut88, RH06a, Rut06a, Rut07g, RR13b, Rut29g]. Actino [Hol30]. **Actino-uranium** [Hol30]. Action [Nia98, Rut00a, Rut09f, Rut00c, RR08d, Rut10g]. Active [HS89, Rut04l, Rut05p, Rut08a, Rut12f, Rut13i, MF11, Rut00g, Rut00h, Rut01c, Rut02b, RS02i, RB05b, Rut06a, RR06a, Rut13f, SBE086]. Activity [Ano08a, Bar06, MG12, RP07, Sod04, Rut00c, RS02i, Rut03c, Rut04c, Rut05b, Rut05a, RC19, Rut04, Rut07a, TMO+95]. Actuels [Rut05c]. Adam [Stu85]. **Additional** [Rut12c]. additionelle [Rut12c]. Additions [CDE+31]. **Address** [Rut09i, Rut23p, Rut27e, Rut27j, Rut28a, Rut29g, Rut29k, Rut30a, Rut30h, Rut31a, Rut31e, RCE+32, RSA+34b, RSA+34a, Rut09e, Rut33s, Ano38b, Rut28g]. addresses [Ano20b]. Advanced [Ear66]. **Advancement** [Rut23p]. Advances [Rut08g, Sod03, Rut09d, Rut09f]. AES [Fow83]. affected [Tab97]. After [Ano37i, Bla50, Lau37, Ano37c, Coc46, DMPA08, Kae48]. Ag [REJ86]. Age [Ano22, Bad68, Rut88, Sne58, EMR07, JR13, Lew02, NL00, Rut29g, Sie11, Tip13]. Ages [Hol30, Cam79]. ago [Sea88, Sie11]. Agricultural [Ano38b]. ahead [Fla17]. Aires [Pye78]. Akademische [Mos13b]. aker [Rut21d]. Aktinium [Rut07g]. Al [IFS194, OaHM98, PAF+98, PCK+08, TF89, TMJ+99, ZWJ+02]. Al-implanted [ZWJ+02]. Al/GaAs [TF89]. Alan [Dys05]. Albert [Kle10]. Alchemist [Ano19, Geo38]. Alchemy [Bad68, Cam14, Dav37, Rut37a, Rut37b, Rez38, Rut38b, RA45, Rut14, Dav37]. Alchimiste [Geo38]. **alchyme** [Rut38b]. al’fa [Rut24, Car98]. al’fa-chasticy [Rez24]. Alfred [Mon66]. AlGaAs [KG91]. AlGaN [WYV+99]. allhimija [Rez38]. alkal [STB+01]. alkaline [HS39]. alkémia [RA45]. alkyl [NOH+10]. **Allen** [Bur64]. Allibone
Alloy [OaHM98, TJRS03], alloys [BBR80].

AlN [LCL+04]. Alpha [Ano89a, Ano42, Mar61, Ano00a, Nia98, OH64, Roe95, Rut06k, Rut08a, RW16, Rut23k, RC24a, Rut24j, Rut26b, Rut26c, Rut26d, Rut26e, RWW30, Tab76b, Wen53, Car98, Fea79, Lec99, Rez22, Rut92, RR90c, Rut12a, Rut16d, Tre74b, Tre74b]. alpha-particle [Fea79].

Alpha-Rays [RWW30]. Alpha-Teilchen [Fea79].


Analysis [And90, Bra61, Flp*89, Hwa82, HHH18, LHB+09, MD69, MB90, RWW30, RWL31a, RWL31b, RLB33, RWLB33, TGDS99, WVCW76, BWW97, BCM13, BP93, Bra98, CGL+94, Cat93, CCR+03, DMV+09, HHAMS93, KLL+90, KOhM94, LGF+99, Man82, MBS+04, MMKS+80, Par96, Phi88, PMCF+06, RMM+13, Reu81, RR13d, RR13f, SHA19, Sla87b, SN05, STB+01, Sin93, Wuy91, ZWJ+02, Hwa83, RR13b, RR13c].


Annotierung [Rut05]. annealing [BJW97, Bha82, CYM+03, DJBW83, GHCA91, LxW99, Lu87, MBS+04, Sad81]. anihilation [AAPN06, CYM+03, FTT96, vdK89]. Annullations [Bar71, Kis82].

April [LRdB+23]. APS [Ano10].

Arbeit [Rut05]. Arbeiten [Hon30]. arc [Rut36a]. archives [Car98]. archivi [Car98]. argon [BV188, GR89, Sku89]. argon-bombarded [BVI88]. arranged [NP38, NP40].

[Sei86, Stu85, Sen87, Tre75a]. Aluminum [OaHM98, TJRS03], alloys [BBR80]. Alpha [Ano89a, Ano42, Mar61, Ano00a, Nia98, OH64, Roe95, Rut06k, Rut08a, RW16, Rut23k, RC24a, Rut24j, Rut26b, Rut26c, Rut26d, Rut26e, RWW30, Tab76b, Wen53, Car98, Fea79, Lec99, Rez22, Rut92, RR90c, Rut12a, Rut16d, Tre74b, Tre74b]. alpha-particle [Fea79].
[Ano08b, Ano09a, Ano36a, Ano46a, Wil17]. awarded [Ano08g]. awards [Adl12]. azide [WVCW76].

B [Hay63, Ihd64, Raz63, Rut28b, See65, Tre75b, Tre76a, LMC97, MM12, RR13d, RR13f, RdCENdCA14b, RdCENdCA14a, Rut14g, Rut14f, RW25].
Ba [FIY+99, IFSI94, KKK+99]. Back [Bau73a, Rut30f, Rut32c].
Back-Scattering [Bau73a]. Background [Cro74c, NP38, NP40, Ree15b].
backscattering [KKGW85, Sim82]. Backscattering [CLZ99, ERM95, EMVK90, MKM+07, JBS12, LHB+09, LGA+06, NOSK08, OaHN98, LFA+04, SHCK96, ATS86, AAPN06, And90, Bar58, BJW97, BKP+06, Bau73b, BSS88, Bha82, BP93, Bra98, BPSW91, BVI88, Bur86, CGL+94, Cat93, CFMO12, CYM+03, CCR+03, Cle81, CSN+00, Con82, CCR85, CBZ+12, DIA+04, DGC97, DMV+96, DHS97, DJBW83, Eld85, EFKG96, ESRDV84, FGM+00, Fow83, FLF+89, FTT96, FLY+99, GHCA91, GR89, GC00, Gro89, GR89+91, HV84, HHAMS93, HK96, HNS+11, Her84, HMK+09, HW92, KKK+99, KOhM94, KBvB+05, KSKF93, KIS+91, KY11, Kot91, KG91, LHNG14, LRF86, LDLM91, Lia80, LMC97, LxW99, Lu87, LCL+04, MDJ83, MB90, Man82, MCJK90, MBS+04, MMKS+80, NJS+03, NFM+07, NOH+10, NMSK13, Nor79, NBG+84, Oeh86, OHN+09, Par96].
Banquettted [Ano08e]. Barium [HS89]. Baron [Ano66b, Bad04b, Badxx, Lov75, Eva39a, Eva39b, M.39]. barrier [Gro89, Kot91, RR95]. Barus [dBl4, Ano12a]. Based [Boh61, WMT01, NMSK13, Rut37a, Rut14]. basic [Wen53]. Battered [Ano32b]. BBC [Ano23a]. Be [Ano06, Ano32a, Ano08a, Sch15]. beads [Lor88]. beam [Ano17b, FLK92, HFD+99, KKGW85, LSK+88, SML91, WVD+96]. Beams [EMVK90, SWZ+05, YHS97]. Bearing [Hol30]. beat [DBE+85]. became [Ree15a]. Becquerel [Bel82, Mon66, RM00b, Gen95, RM00b, RM00a, RM01]. Becquerel- [RM00b]. Been [Rut37b, Ano08g]. Before [Bad65, Pre05, Bad83, Rut33h]. Began [FW67, Kae48]. beginning [Cot10].
cadmium [Man82].

CAI [GW73].

Calcutta [GW73].

Calibration [Bar85, Sku89].

Calls [Ano38b].

Cambridge [Ano38b].

Canada [Cam05, Mor75, RC04, RCRC05].

cancer [Ano09c, Ano17b].

Canterbury [Tre75b, Cla06, Cot10].

Capture [Rut23k, WR31, Rut24l].

carbide [KIS +89].

carbon [RRKH94].

Career [Kae39].

Careers [Dea03].

Carl [Ano12a].

Carlo [BPSW91].

carried [Rut05a, Rut05n].

carvings [O'C17].

catalog [Bad74, Tre77a].

Catalysts [WMT01, PNFO88].

Cathcart [Dys05].

Cathedral [Dys05, Cat04, Cat12].

Cathode [Nia98].

cathodoluminescence [CYM +03].

Cause [Rut05l, RS02b, RS02f, RS02c, RS02a, RS02g].

certain [OKR35b, Rut10f].

cette [RC12a].

Chadwick [Poo52, Sch31, Ano64, Aro66, Bro97, Gan17, Seg71, Dow08, Kim02, Nav06, Rut19c].

cavities [DMV +96].

Cd [Con82, Win94, CBZ +12].

CdS [LDLM91].

CdTe [GC00].

CdTe/CdS [GC00].

Ce [KSKF93].

Ce/Fe [KSKF93].

Celebrate [Ano09a].

Celebration [Ano12a, Rut12a, VRWB12].

Celebrations [Ano72, Oli47].

centenaria [Car98].

centenary [Ano72, Ano17c, FK85].

Centennial [Fre12, Tre75b, Wyb72, Adl03, Car98, Cat12].

central [Bri31, HBA77].

Centre [Meh73, Ano17b].

Centres [Eve06, Har07].

Century [BS79, Tho65, Ano33d, Hei79a, Meh73, Rig79, Rut33j, Sie11, Bre97, Sin81, Stu79b, Whe80].

CERN [Kra14a].

certain [OKR35b, Rut10f].

cette [RC12a].

Chapter [RSWE27, How58].

characteristics [KG91].

characterization [DJA +04, FTT96, LHNG14, BVI88, Gro89, Her84, KSKF93, Kat91, LDLM91, Rei79, Vas90].

characterized [SBE086].

Charcoal [Rut06a].

Charge [Boa07, HFD +99, Rut05a, RG08d, Rut08f, Sod13, Rut05e, RG08b, RG09a, Rut05m, Rut08c, Rut08d].

Charge-exchange [HFD +99].

Chart [Ano00b].

chasticy [Rez24].

Chelsea [Len75].

Chemical [Ano22, Gri09, KEJ87, Lee98, MD69, Rut08a, Rut12f, Stu00, Hwa82, Hwa83, Rut04b, Rut05b, Sin93, We90].

Chemical-Effects [Rut12f].

Chemical-Vapor-Deposited [KEJ87].

Chemist [Tho08a].

Chemie [Tho08a].

Chemic [Rut05e, Rut05b].

Chemist [Ano19].

Chemistry [Ano08b, Ano09a, KT84, Nia98, Sch15, Ste83, Tho08a, Tho08b, Far53, Far63c].
chemists [Har60]. Chief [Ano66a]. Christchurch
[Tre75b, Wyb72, Wil17]. chromium [BPSW91]. Churchill [Sno67, Sno68].
[Ano19]. Clark [Ano12a, dB14, Rut12a, VRWB12]. classic [HT10].
Classical [VV09, Wri64, Bab71, SC13]. Classics [Mon66]. Classification
[Tre76b]. Club [Rut33h]. CN [PMCF+06]. CN/TiCN/TiN [PMCF+06].
Co [Sod02, Sod03, NBG+84, DGC07]. Co-workers [Sod02, Sod03]. Coated
[ERM95]. coating [Par96]. cobalt [BPSW91]. Cockburn [Sei86].
Cockcroft [Ano32b, DYF67, Sei86, Stu85]. Cockroft [HA84, Sen87].
collaboration [Jen08, Tre77b, Gar81, Stu78]. Collapse [Ano37c].
Colleagues [Kle10]. Collected
[Ano64, Aro65a, Aro66, Bur64, Cha14a, Cha14b, Cha14c, Coc63, RC63,
RC65, Seg62, Seg64, Seg66, Ano66e, Cha65, RC62]. Collection
[Ter38, RCO+54, Rut15d]. College [Rut37a, Rut14, Cla06, OC17]. Collider
[Giu12]. Collision
[Ano22, Rut19b, Rut21e, Rut10a, Rut19e, Rut19f, Rut19g]. Collisions
[Rut19a]. Combination [Dav71a, MD69, FLP+89, WM88]. combined
[DMV+96, FIY+99, IF914, WVH+99, Wuy91]. Commemoration [Ano48]. Comment
[RSWE27]. Comments [dR92]. Commission [CDE+31a, CDE+31b, CDE+31c]. Committee
[NP38, NP40]. communication [BC16, Kat15]. community [Hug93]. compact
[DJA+04]. Company [Dav37]. comparaison [RC12a]. comparative [RS03d].
compared [TGDS99]. Comparison
[RC12b, CCR85, RC12a, SSWB80b, Tab97, RB02a]. compensation [RC12a].
Complex [Ell60]. Composition [BR80, Eld85, Bra98, Cat93, FLP+89].
Compositional [ATS86, Sha87b]. compound [PBFt83]. Compounds
[Adl97, Rut00a, RS02c, RS02h, ESRDV84, Rut00g, Rut00b, Rut00c, Rut00e,
Rut00f, RS02j, RS02i, RS02k, RS02l, WV07]. Comprehensive [WVD+96].
comprising [Ron58]. Computer [TJRS03]. Concentration
[Rut04c, MCKJ90, Rut04d]. concentrations [PBFt83]. Concept [Wil64].
conception [Meh73]. concepts [Lou03]. conceptual [Bur13a]. Concerning
[Go55, HS39]. concrete [Lor88]. condensation
[RS02d, RS02e, RS03a, Rut09j]. conducting [MCKJ90, Rut01e].
Conduction [Rut99, Tho03, Tho06, TT33, TT69]. conductivity
[Ron58, Rut00d]. Conference
[Bir61, Fre12, Hay63, Raz63, Rut11a, Rut13c, Rut13d, AK15]. conferences
[WH72, WE90]. Cong [Rut05c]. congratulations [SR37]. Congress
[Str11, Ano38b, Rut38c]. connections [Cla13]. Connexion [Rut14k, Rut14i].
conseil [CCJ+34, LRd+23]. Consensus [Jen00, Lev17]. consequences
[Pae15a]. Conservation [Ano32b]. Considérations [Hei34, Hei34].
Constant [Mur01]. Constants
[CDE+31a, CDE+31b, CDE+31c, Rut14l, HKM+09, HW92, Rut14j].
Constituents [Tre71a]. Constitution
[Ano15, FR33, Gam30, Rut20g, Rut20e, Rut29i, Rut15m, Rut15n, vdB13].
Rut22a, Rut22b, Rut22c, Rut22d, RC24b, Rut24k, Rut25a, RC29, Sod04, Tre71b, Tre71a, Rut04a, RC21b, RC22, Rut24m, Rut34g. Diskussija [Rez29, Rez32]. Distinctions [Ano66d, O’S71, O’S72].

dispersive [Bar85, Sku89]. Distinction [Ano23b].

Distortions [Cle81].

distorted [Wie78]. Distortion [WCZ +02, ZCS +12].

distortions [Cle81].

distributions [RR95]. Distribution [LGA +06, Rut06b, LCL +04, Rot74, RG10, TGP11, Wil83b, Rut06b, Rut06n].

distributions [RR95].

diversity [Mar72].

dnja [Kap73a].

driving [DJA +04].

Drop [Ano94, Stu94]. Drug [Mor75]. Duality [NM12]. d’uranium [RB06a]. durch [BR11a, BR11c, Lüd13, RR12]. durchdringende [Rut02c].

during [EMVK90, BC16, Hah62, Lu87, MBS +04]. Dutch [Bur18]. Dyson [Sch58].

E. [Aro65b, Rad13]. Each [Ano32b]. Early [Adl97, Bai13, Her72, KT88, Kra11, Lav14, Lew79, Nav06, Rut24c, Tre71b, Kau86, Kra13, Rut32b]. earth [BS88, Eva96, HS39, Bad88, EMRO7, Lew02, RC03, Rut05l, Rut29g, Rut88].

earthquakes [Cam14]. easily [Rut03b, Rut03f]. easily-absorbed [Rut03b].

Eastbourne [Fl57]. Ed [Hei71, Ihd64, Stu85]. Edited [Sin81]. edition [Poo52]. Editor [Hay63, Hub13, Rut35a, Ale46, Mos14a]. Editorial [RSEWE27]. eds [Stu79b]. Effect [RB03a, RB03b, RB04a, Rut04d, RP07, Rut19h, Rut29i, Cla13, GHCA91, RB04c, RB05c, RR13c, Rut10a]. Effects [ERM95, OHR34a, OHR34b, Rut12f, RB04b, vIS89]. Efficiency [RB15].

efforts [Kae36]. Ehrendoktorwürde [Lüd13]. Ehrenfest [Kle10, Pia24].

Eigenschaften [Rut05], Einfluss [Rut01b], einige [Rut06i].

Einstein [Sno67, Sno68, Bou99, Bru79, HW96, Kle10, Sha78a]. Elastic [WVV +99, DY68, RRKH94, RR95, SHA10]. Electric [Rut06c, Rut26g, Rön58, Rut01e, Rut03b, Rut03f, Rut36a].

Electrical [Rut96b, Rut97b, Rut99, RG08a, Rut23l, Rut23r, Rut23q, CW +26, Rut26h, Rut96a, Rut00d, RG08c, RG09b, Rut23s, Rut24a, Rut24b, Rut25i].

Electricity [Rut01f, Rut01a, Rut08e, Rut20b, Rut20c, Rut20d, Rut21a, Rut21b, Rut21c, Rut22c, Rut22f, Rut22p, Rut25b, Tho03, Tho06, TT33, TT69, Whe04, TR96].

Electrification [Rut97a, Rut98]. électrique [RG08c]. electrodynamics [Sch58]. electroless [Man82, PNFO88]. Electromagnetic [Rut35f, Rut35g, Rut35h, Rut35i].

Electron [Cha64, Coo13, FGM +00, Fow83, Rut19d, Rut21h, WMT01, BKP +06, Bra98, BPSW91, Bur86, CGL +94, CSN +00, GR89, Gro89, HBA77, Ish83, Kot91, LHNG14, Lu87, MB90, Phi83, PMCF +06, Rei79, SSWB80b, SSWB80a, Sad81, SBEO86, Sin93, Stu83, WV07, Wil83b, Wuy91, Yuh92, vdK89].

Electronic [KT84]. Electronics [McG84]. Electrons [Ano23b, Rut23k,
WR31, LRdB$^+$23, Rut10a, Rut10b, Rut24l, Pia24, LRdB$^+$23. Electrostatic [ESWW82]. Electrotechnical [Ano12b]. elektrische [Rut03b, RG09b, Rut24a, Rut24b]. Elektronen [Rut10a, Rut10b]. Element [Rut22g, Ber07]. elemental [IYT$^+09$, LGF$^+$99, PBFt83]. Elementary [Boa07, Cam97, KH23, Sod04, Wic65, Rut34g]. Elemente [Rut04a, vdB07]. Elements [Ano22, Ano33b, Ano37i, EC13, Fow72, HHK87, Jaf71, Jaf72, Lau37, Mos13c, Mos14b, OR33, OKR35a, Rut91, RC21a, Rut22a, Rut22b, Rut22c, RC24a, RC24b, Rut24k, Rut37b, RS66, Rut38f, Sar27, SL90, Eva96, Kra13, Rez23, Rez25, Rut04m, Rut04a, Rut15m, Rut15n, Rut16c, RC21b, RC22, Rut24m, Rut33h, Rut33d, Rut33e, Rut33g, Rut37e, Rut37f, Sea88, Seg80b, Wei90, vdB07, vdB13]. Elephant [Mac97]. Elettrica [MSB$^+$37]. ellipsometric [BVI88]. ellipsometry [BKP$^+$06, CSN$^+$00, SPL$^+$08, TGDS99]. Ellis [Poo52, Sch31]. Ellyard [MSB$^+$37]. Elsevier [Bat72]. Emanation [Rut03a, RB03a, RB03b, Rut04g, Rut04h, Rut04i, RR08b, Rut09a, RT09, RR32, RS02], RS02i, RS02k, RS02i, Rut04e, RB04b, RB04c, RR08d, RR08a, Rut08h, RR08c, Rut09j, RR12, RR13c, RR07, RR08a]. Emanationen [Rut01b]. Emanations [Rut01c, Rut06a, Rut01b, RS02d, RS02e, RS03a, RG11]. emergence [Pol60]. Emerging [Gus12, Hon03]. émis [RH06a, RG08a]. emissions [RH07]. Emitted [Mos12a, RWL31b, GF10, Rut00g, Rut00b, Rut00e, Rut07g, RG08c, RG09b, RR13a]. emittierte [Rut00e]. end [Kru75, Man77]. Enduring [Lon16a]. energetic [vBD89]. Energia [MSB$^+$37]. Energie [RM00b, RM00b, Mon66, Rut07h]. Energies [Elf14, BP93]. Energy [Ang00, Ano22, Ano23b, Ano32a, Ano32b, Dl,F67, EMV90, Hes00, Jen11, OKR35b, RM00b, RM00b, RM08b, RM08b, RM08b, Rut12e, Rut24i, RC29, Rut35k, Seg85, Sod49, Bar85, BVI88, Dl,F+04, HK96, MB90, RR95, Rut07h, Rut07j, Rut36c, Rut36d, Rut36e, SWZ$^+$05, Sku89, TCZ97, WM88, Yuh92, vK89, Ano32c, RM00b, Mon66, Tre75a]. England [Stu79b, Ano07, She17]. English [Hei74]. enhanced [Sin93]. Enrichment [MKM$^+$07, DGC07, Shi88]. Enrico [GLR06]. entertaining [Hil17]. entstehenden [HS39]. Entstehung [Pol60, Rut31d, Rut31c]. Entwicklung [Har38]. environment [Mer96]. epilayers [LDLM91]. Episodes [Eva96, Fea77, Fea79]. epitaxial [Phi83]. epitaxy [CFMO12]. Epoc [Fea62b]. Era [Cro74b, Lon16c, Lon16d]. erbium [TJR03]. Erdalkalimetalle [HS39]. eredményei [RA45]. Erinnerungen [Rut32b]. Ernest [Ano12a, Ano19, Ano23b, Ano66b, Bad04b, Boh26, Cha65, Cra71, Gar62, Hah62, Har38, Hub13, Lüd13, Mil13, Mur13, RSWE27, Rut26a, Sch31, Seg80c, dR92, dCA68, Ano36b, Ano66d, Ano66c, Ano71a, Ano09b, Ano09c, Ano16, Anoxxa, Anoxxb, Bad71, Bad75, Bad04a, Bad08, Badxx, Ble99, Bro62, Cam97, Cam98, Coh88, Coh89, Coh91, Coh92, Coh97, Dea03, Far63a, Fla17, Flo70, Gra62, Gri99, Hah67a, Hei03, Hill17, KS76, Lab38, Lai37, Lee98, Low79, Lüd13, Mac11, Mar38, MM03, McK62, Moe74, O’ST1, O’ST2, Ole81, Opp64, Poo52, Pri08, Ree08, Ril70, Row55, Row57, Sie11, SN67, Stu00, Sut01, del79, Ano60, Bir57, Ble57, Tref76a]. Ernests
[Kor12, Ano71b, Boa07, Kor12, TGMR74]. Geiger-Müller [Kor12]. General
[RN04, NM12, Hei34, Wer23]. générales [Hei34]. generation
[RR12, Rut16e]. genius [Mac11, Rec08, Wil83a, Sei86, Stu85, Tre85].
geniuses [Mil95]. gente [Sno68]. geodynamics [EMR07]. Geometrical
[Liv62]. geometries [SML91]. geometry [DM96]. geophysicists
[Bow14, Goo10]. geopolitical [REE15a]. George
[Bur64, Sno67, Sno68, Ano59, Har01]. geringer [Rut05j].
German [BR11a, BR11c, FH60, Gam28, Gam92, Gei38a, HM31, HS39, Har38, Hou30,
Kor12, Lüd13, MMKS+80, Pol60, RM100b, Rut00e, Rut01b, RS02b, RA02a,
RG02a, Rut02c, Rut02d, RS02a, Rut02e, Rut03b, Rut04b, Rut04a, Rut05j,
Rut05b, Rut06i, Rut07g, Rut07a, RL07, Rut08c, Rut08d, Rut08b, Rut09b,
Rut09c, RG09b, RG09a, Rut09d, Rut10a, Rut11b, Rut11e, RR12,
Rut13b, RR13a, Rut13g, Rut21d, Rut24a, Rut24b, Rut31d, Rut31c, Rut32b,
Rut36f, Rut15, Sod02, SR37, Som38, Tho08a, Tre74b, vdB07, vdB13, vW35].
germanium [Sku89]. Geschichte [FH60]. Geschwindigkeit [Rut07g].
Geschwindigkeiten [RR13a]. GeSe [REJ86]. get [Jar08]. gettering
[HHAMS93, NFM+07]. GeV [Wil74]. Giant [Gen95, McK60]. Giants
[MD67]. Giroux [Dys05]. Giuseppe [Bel82]. given [Rut15e]. Giving
[Ano32a]. glancing [WZS+91]. Glasgow [Sod02]. Glass
[Rut09f, DJBW83, Rut10g]. glasses [STB+01]. Glimpsing [Cat12].
global [Rut15a]. glorious [How58]. glow [Jor16]. Glowing
[Rut01f, Rut01a, Rut08e]. goal [Ano19]. Goettingen [Rut31b]. Gold
[Gre07, HHAMS93, LHNG14, Man82]. golf [Man76]. good [Bat72].
Göttingen [Lüd13, Sme97b]. Goudsmit [Lak96]. grandes [Mon66].
Graphite [ERM95, ESRDV84]. Gratulation [SR37]. Gravitation [RC19].
Great
[Ano37c, Cro01, HT10, Rut33b, Sha87a, Bat72, Bre97, Gri09, Kae48, Wei70].
Greater [Pye78]. Greatest [Ano32c, Foc37, Focxx, Ano37d]. green [Wil55].
grosser [Rut31d, Rut31c]. Group [Dys05, Rut12e, Cat04]. Groups
[RWWW30]. grown [KS+89, ZCS+12]. Growth [OaHN98, Zim69a,
Zim69b, DGC07, FGM+00, HV84, HGM+94, KSKF93, SDD+08, YKH+84].
growth-mode [KSKF93]. GsSb [Sat79]. Guest [Ano09a]. Guthrie
[Rut26f]. Guy [Sei86, Sen87, Stu85]. Gwyn [Hei08, Rut15c].

H [Ano64, Pia24, Sno67, Sno68, YKH+84, YKH+84]. H. [Hei74, Rut16a].
Haas [Pia24]. Hadron [Giu12]. hafnium [IYT+09]. Hahn
[Hah67b, She83a, She83b, Tre83]. Hails [Ano38b]. hall
[NL00, Ano09a, CYM+03]. haloes [JR13]. Hammarskjöld [Sno67, Sno68].
Handbook [Rut13b]. Handbuch [Rut13b]. hard [CK33, Rut33]. Hardy
[Sno67, Sno68]. Harnessing [Sla13]. Harriet
[Gei16, Mor84, RCRC92, RC04, RCRC05]. Hartcup [Sei86, Sen87, Stu85].
Haven [Bro86, Hei71, Szy85]. Hawking [Cro01]. headquarters [Bri31].
Heat [Rut05, RR12]. Heating
[RB03a, RB03b, RB04a, Rut04e, RB04b, RB04c, RB05c, RR13c]. heavily
[Ano66e, Coh91, RS02k, Rut19g, Rut20d, Rut21c, Rut22l, Rut26d, Rut26k, Rut27c, Rut28f, Rut29d, Rut30d, Rut35h, Arö66], illustrated [Br31].


Immense [Ano23b]. Immersion [KT84]. implantation [BPSW91, PAF+98]. implanted [BK9+06, Bha82, CFM012, FTT96, GR1+91, KBvB+05, KG91, Rot74, SSWB80a, Sad81, TJRS03, WCGC86, Whi82, ZWJ+02]. Implications [Ang00, Nia98, RN04, NM12]. Importance [Bad71, Ble99]. important [Wil15]. Improvement [HNS+11]. Improvements [BR16]. InAs [Sar79]. inaugurated [Sie11]. incidence [Wan96]. incident [BP93]. incomplete [Pye78]. incorporation [KB93]. India [Ano38b]. Indian [Rut38c]. Induced [Bau73a, GLR06, Bau73b, CBZ+12, RKL88, RA02a]. Industrial [All64].

Interest [Bar71]. Interface [KSKF93, PCK+08, ATS86, HV84, IOI+11, NJS+03]. interlayer [LCL+04, PCK+08]. intermixing [PPA+02]. International [Bir61, CDE+31b, Dys05, Meh73, Raz04, CCJ+34, Kat15, Rut11b, Rut14j, CDE+31a, CDE+31c, Rut13c, Rut13d, Rut13e, Rut14l]. Interpretation [Ano94, Rut34o, Stu94, Bab71, Sod08, Sod20, Sod22, Sod04]. Interpreted [Rut36b]. Interpreted [Rut36a]. Intra [Sod13]. Intra-atomic [Sod13]. Introduction [She83a, Rön58]. invention [Kat12]. inventory [KHFA67]. inverse [HBA77]. investigate [HW92]. investigated [CBZ+12, SPL+08]. Investigation [BPSW91, ERM95, STB+01, TMO+95, WZS+91, WV07, RS02j, RS02i, RS02k, RS02i, RS02h]. Investigations [Rut11b]. Ion [Bau73a, EMVK90, RM00b, RMA0a, RM01, vBBGO90, vBBD+92, Bau73b, BPSW91, Cle81, CSN+00, DJA+04, DBvdV87, FLK92, FTT96, GHCA91, Gro89, HKH96, KBvB+05, KY11, LSK+88, MB90, NMSK13, PAF+98, RRKH94, RR95, Reu81, STB+01, SML91, TMO+95, TF89, TJRS03, Wil83b, WVD+96, vBD89]. ion-beam [FLK92, SML91]. ion-beam-synthesized [WVD+96]. ion-implanted [KBvB+05]. ion-induced [Bau73b]. Ionen [RM00b]. ioni [NMSK13]. Ionisation [RA02a]. Ionization [RA02b, RA02a, Rut02a]. Ions [MR14, OKR33, Rut01a, RRKH94, Rut97c, WZS+91, Wan96, ZB74]. iridium [And90]. Iron [Rut94, Rut5, TMJ+99, WCGC86]. Irradiated
Lebenswerk [Gei38a]. Lecture [dCA58, Ano66a, Kap66b, LEM65, Rut26f, Rut31b, Rut36h, Rut37a, Sme97b, NL00, Rut33h, All64, Ano09c, Bla59, Bra61, Bur83, Bur82, Cha33, Cha54, Coc53, Dar56b, Dec67, Fea77, Fow72, Mar54, McG84, Moo78, Mor75, Mot63, Rut04l, Rut05p, Rut20g, Rut21d, Rut14, Sho82, Tho65, Tiz46, Zim69a, Zim69b]. Lectures [Rut12a, VRWB12, NP38, NP40, RCO +54, Sod02, dB14, Ano12a]. Legacy [Rut12a, VRWB12, NP38, NP40, RCO +54, Sod02, dB14, Ano12a]. LET [Nor79, NBG +84]. Lett [Nor79, NBG +84]. Letters [Coh40, Coh88, Coh91, Coh92, Feb70, Hei71, Oes70, RSWE27, Swa40, Szy85, dR92, Ano36b, Bad69, Eve39, Eve13, Hei74]. levels [dAMxx]. LHC [We11]. L'histoire [Mon66]. LI [Rut19e, Rut21g, Rut27l]. Library [Ble57]. Life [Anoxxb, Coc46, Coh40, Mar54, MF11, Rut23m, Rut23n, Rut23o, Rut24j, Swa40, Ano20b, Cam15, Cro01, Eva39a, Eva39b, Eve39, Eve13, Gei38a, Hei74, How58, Sim96, Ree16]. Life-history [Rut23m]. Light [Cha12, OKR35a, Ree06, Rut98, Rut19a, Rut19e, Rut19f, Rut19g, Rut19h, Rut19b, RC21b, Rut10a]. Lightman [Dys05]. LII [Rut19f, RC24c, RC27]. LI [Rut19g]. Like [Ano19]. likened [Ano38b]. Limit [Ano32c, Kra13]. limiting [vBD89]. limits [RR95]. LiNbO3 [RSdS +89]. Lineage [Ano99]. link [Ano09c]. Linus [Gri09]. Lipson [Ano64]. Liquid [Ano94, Stu94, LGF +99]. Liquid-Drop [Ano94, Stu94]. liquids [NMSK13]. Lise [Sim96]. Listening [BC16]. lists [Gri09]. literature [AH13, HT10]. Lithium [CW32, OKR33]. LIV [Bol05, Rut97c, Rut19h]. lives [Bre97, Dow08]. LIX [Rut94, RS03a, RR13f]. LL.D [How58]. Lloyd [Sno67, Sno68]. location [RSdS +89, TJRS03]. locking [H215]. Logic [GR87]. London [Bur64, Hei71, Stu85]. Long [RW16, RWL31a, RLB33, Rut21g, RC24c, Rut31c, Rut16d, Rut31d]. Long-range [RW16, Rut21g, RC24c, Rut16d]. look [Kru75]. looked [Fei11]. Lord [dCA37, Ano37l, Ano38c, Ano64, Ano66e, Aro65a, Aro66, Boh37, Bra37, Bur64, Bur38, Cha37, Coc63, Coh40, Dav37, Eve37, Eve39, Eve13, Gei38a, Har38, Seg62, Seg64, Seg66, Seg80c, Smi37, Sod37, Swa40, Tho37a, Tho37b, dB32, dCA38, Ano36d, Ano36a, Ano37d, Ano37c, Ano37b, Ano37e, Ano37h, Ano37l, Ano37f, Ano37g, Ano37k, Ano38a, Ano38b, Ano46a, Ano46b, Ano50, Ano66a, Ano09a, Bru64, Cha65, Cha14a, Cha14b, Cha14c, Cra71, Cro35, Dal50, Dav37, EC38, Fea40, Fea73a, Fea73b, Foc37, Foc39, Gei38a, Geo38, Gu38s, HM31, Har38, Jac72, Jar08, Kap66a, Kap66b, Kap73b, Kay63, Lau37, Man76, MSB +37, Mill38, Mol63, Mur13, Rus37, Rus51, RC62, Sme97b, Som38, Tho08a, Tho08b, Tho70, Tod14, VPW14]. Lorentz [Fia24]. Loss [Rut23k, MB90, Rut24l]. Louis [Rut05c]. Love [AH13]. Low [Ang00, Bha82, DYF67, HKH96, Rut30i, BV188, DJA +04, DHS97, Hwa82, Hwa83, KB93, LCL +04, MDJF83, Rut24e, Rut24f, Rut24g, Rut24h, WM88, YHS97, Yuh92]. low- [MDJF83]. Low-Energy [DYF67, HKH96, BV188, WM88, Yuh92]. low-pressure

M [Lov76, Mon66, Pia24, Whe04, Gro89]. M. [Coh40]. M.A [How58]. m.b.H [Mos13b]. MacDonald [Eve06]. Mach [SR37, SR37]. Macmillan [Dav37]. Madame [Rut34f]. Made [Ano19, Ano32b, Cli87, Mer96]. Madison [RFF+01]. Magic [Cho01]. Magnetic [Mur13, Rut96b, Rut97b, Rut06c, Rut27g, Rut30i, RLB33, RWLB33, HZ15, KLL+90, LSK+88, Rut96a, Rut03b, Rut03f, Rut95, RG02a, Sho82]. magnetische [Rut03b, RG02a]. Magnetization [Rut5, Rut94]. magnetron [Cat93]. magnitudes [Rut09k]. make [Mil95]. Makes [Ano08a]. Making [Ano19, CAN88, Dea03, Sla13, Cam14, Ano32c]. Man [Ano32a, Bro73a, Eva39a, Eva39b, Kae39, Oli72b, Rut24i, Bat72, Fei11, Lew02, Moo66, Sch57]. Manchester [Ano64, Bir61, Bur64, Har07, Hay63, Raz63, Seg64, dCA68, Ano07, Ano08b, Ano08f, Ano09a, Ano12b, Ano17d, Bir62, Bir63, Fea62b, Gae61, Gei38b, Hug08, Kat15, Lon16b, Rus51, RC63, Ano64, Ihd64, See65, Aro65a]. Manhattan [Ree15a, Sch15]. Many [Kae36, Sch58]. mapping [NL00].

March [Ano17]. Marchal [Bro62]. Maria [DMPA08]. Marie [Gri09, Pre05, Rut35j, SG85]. Mario [Sin81, Stu79b, Whe80]. Mark [Bat72, Tre73]. marked [Ano17c]. Marking [Cat12]. Marsden [dCA68, TGMR74]. Mass [Gam30, RH06a, Rut37d, BPSW91, Cle81, CSN+00, Eid48, Gro89, NMSK13, Reu81, Rut06m, Rut07g, RR13a, RR14, Rut21g, Wil83b, vW35, RH06b].

Massachusetts [VRWB12]. Masse [RH06a, Rut07g, RR13a]. Masses [OKR35a]. Material [JBS12]. Materials [Rut03c, FLP+89, SBE08].

Materie [Rut24a, Rut24b]. Mathematical [Rut09i]. Matin [Ano19]. matrix [LRF86]. Matter [Ano08a, Ano32a, Fre79, Rut06k, RG08e, Rut12f, Rut22f, Rut22p, Rut23l, Rut23r, Rut23q, Rut26h, Rut38d, Rut38e, Tre75b, Whe04, FR33, Rut06l, Rut11i, Rut15m, Rut15n, Rut20h, Rut20c, Rut20d, Rut21a, Rut21b, Rut21c, Rut22e, Rut23s, Rut24a, Rut24b, Rut25b, Rut25i, Rut28d, Rut28e, Rut28f, Rut30g, Rut34e, Rut12, Wyb72, Rut13c, Rut13d].

multilayer [SSWB80b]. multilayers [KSKF93, PMCF+06]. multiple [PPA+02]. My [dR92, Cam97, Coh88, Coh89, Coh91, Coh92, dB70]. Mylar [BP93]. Mysterious [Dys05]. Mystery [Ano32a].

N [Aro65b, Opp64, Pia24, Rön58, WZS+91, Mon66, RR95, WVH+99]. nach [Sod02]. Nachruf [SR37]. Nachweis [HS39]. NaCl [MKM+07, HKM+09, Rei79]. Nagaoka [Bad67, Bad85b, Hei67]. Name [Ano17b, VPW14]. Nanocluster [Par96]. Nanocomposites [LFA+04]. Nanoparticle [WMT01, LHNG14]. Nanoscale [LHB+09]. nanosized [DMV+96, FGM+00]. narrow [MBS+04]. nas [dAMxx]. Nations [Ano37i]. native [Win94]. Natur [RS02b, RS02a, Rut08c, Rut08d, RG09a, Sod02]. Natural [Rut24k, RW25, FH60, Le05, Rut24m, Rez25]. Nature [dCAH64, Aro65b, Opp64, Rut04f, Rut08a, RG08d, Rut08f, RR08e, RR09c, RR09a, RR09d, dCENdCA64, Meh73, Ree08, RS02b, RS02f, RS02c, RS02a, RS02g, RG08b, Rut08c, Rut08d, RG09a, RR09b, RC24c, Sod02, Win53, RR09a]. Naturwissenschaft [FH60]. naucnye [Rez71, Rez72]. Nb [KKK+99]. Neale [Stu79b]. Near [MKM+07, Kae36, KBvB+05, GHCA91, RR95]. Near-Surface [MKM+07, KBvB+05, GHCA91]. Needs [Rut19c]. neglected [EMR07]. Nekrolog [Som38]. Neale [Stu79b]. Near [MKM+07, Kae36, KBvB+05, GHCA91, RR95]. Neutron [Cha32a, Cha32b, Cha33, GLR06, Pol91, Rog13, Rut35e, Bad83, Bro97, Bur13a, Bur13b, Bur15, HS39, LSN+09, LxW99]. Neutron-Induced [GLR06]. neutron-irradiated [LxW99]. neutron-rich [LSN+09]. Neutronen [HS39]. Neutrons [Elf14, GLR06, HS89]. Newer [Bad66, Dav37, Rut37a, Rut37b, Rut14]. Newton [Tho08a, Ano38b, Ano09a, Tho08a, Tho08b]. Newton [Foa72]. Ni [AAPN06, SHA09, Wuy91]. Ni/Au/Te [Wuy91]. Ni/Si [AAPN06]. nickel [BPSW91]. nickel-implantation [BPSW91]. Nicole [Mon66]. Niels [AH13, Bro73b, FK85, Kle10, M066, Rn97]. Nineteenth [Tho65]. Nineteenth-Century [Tho65]. ninety [HJS70]. niobium [Rot74]. nitride [Bur86, Hwa82, Hwa83, Vas90, Wan96]. Nitrogen [Ano22, Rut19b, RRRH94, Rut10a, Whi82, Rut19g]. Nähe [dAMxx]. No [Ano23b, Ano09c]. Nobel [Adl03, Ano37i, How58, Jar08, Lan37, Adl12, Ano08b, Ano09a, Ano09a, Ano16, Cam00, CSW96, Far53, Far63c, Tho08a, Tho08b]. Nobelpreisträger [Tho08a]. Nomenclature [Rut10e, Rut13i, RG11]. Non [Ole81, RRKH94, BP93, LMC97, Low79]. Non-Rutherford
Ordinary [Rut03c]. Origin [Ano94, Bad68, Rut07c, Rut07d, Rut07i, Rut15e, Rut29g, RE31, Rut32d, Rut32e, RB32, Rut88, Stu94, Bol05, Rut07b, Rut07k, Rut08b, Rut12b, Rut12c, Rut12h, RC24c, Rut27l, Rut27h, Rut31d, Rut31c]. Originally [Bey49]. Origin [Ano94, Bad68, Rut07c, Rut07d, Rut07i, Rut07k, Rut08b, Rut12b, Rut12c, Rut12h, RC24c, Rut27l, Rut27h, Rut31d, Rut31c].

Our [Ano94, Bad68, Rut07c, Rut07d, Rut07i, Rut07k, Rut08b, Rut12b, Rut12c, Rut12h, RC24c, Rut27l, Rut27h, Rut31d, Rut31c]. Originally [Bey49]. Origin [Ano94, Bad68, Rut07c, Rut07d, Rut07i, Rut07k, Rut08b, Rut12b, Rut12c, Rut12h, RC24c, Rut27l, Rut27h, Rut31d, Rut31c].

Origins [Cho01, Gea14b, Hug12, Bad79a]. Oscillation [KY11]. Oscillations [Sho82, NBG+84].

Overhead [Eic72]. Overlaps [Lia80]. Overlayer [NFM+07].

Overview [CAN88]. Oxford [Rut33h]. Oxidation [KEJ87, SPL+08, NBG+84]. Oxide [Bau73a, Bau73b, Sha87b, TMJ+99]. Oxides [Sin93, TF89, Win94]. Oxynitrides [TGDS99].

P [Ano66a, Kap66b, Mon66, Pia24, Tre76a, Whe04, MCJK90, SSWB80a, Sad81]. p-phenylenevinylene [MCJK90]. P. [Lov76, Rad13]. P.R.S [Boh26].


Papers [Ano33c, Ano64, Aro65a, Aro66, Bur64, Cha14a, Cha14b, Cha14c, Coc63, RC62, Seg62, Seg64, Seg66, Stu79b, Ano66e, Cha65, Rez71, Rez72, Rön58, RC63, RC65, Sch58, Whe04, Wri64, Kap74]. parallel [Dow08].

Paramount [Kae39]. Paris [Ano48, Oli47, Ano19]. Part [Wil15]. Part [Mos13c, Ano16, RS02j, RS02k, RS02l, Cob89, Cob91, Cob92, Mor84, Mos14b, RS02b, RS02f, RS02a, Rut04g, Rut04h, Rut04i, Rut04j, Rut07b, Rut09b, Rut20b, Rut20c, Rut20d, Rut21a, Rut21b, Rut21c, Rut22j, Rut22k, Rut221, Rut22m, Rut22n, Rut22o, Rut26b, Rut26c, Rut26d, Rut26e, Rut26f, Rut26g, Rut26h, Rut26i, Rut26j, Rut26k, Rut26l, Rut27a, Rut27b, Rut27c, Rut27d, Rut28d, Rut28e, Rut28f, Rut29b, Rut29c, Rut29d, Rut29e, Rut30b, Rut30c, Rut30d, Rut30e, Rut35f, Rut35g, Rut35h, Rut35i]. Partial [Rus51]. Particle [Ano8a, Ano32a, Fea77, Mal71, Ano00a, RG08d, RR08e, RR09b, RR09d, Rut23n, Rut23o, Rut24j, Rut66a, Weil1, Fea79, NM12, Rut06l, RG09a, RR09c, Rut23m, vdB07]. Particles [Mar61, Mos12a, Nia98, OH64, Rut06k, Rut08a, RG08a, RG08e, Rut08f, RW16, Rut19e, Rut19f, Rut19g, Rut19h, RC21a, Rut21e, Rut23k, RC24a, RRL31a, RRL31b, RB33, RK34, WR31, GM09, GF10, GR12, GM13, Hei68, Leo05, Rez24, Rit92, RH06a, RH06b, Rut06m, Rut07g, Rut07h, Rut07i, RG08b, Rut08c, Rut08d, RG08c, RG09b, RG10, Rut11i, RN13, RR13a, RR14, Rut16d, Rut19b, Rut21g, RC22, RC24c, Rut24l, RC25, RC27, Rut31d, Rut31c, Rut34g, Rut10a, Rut12, Tre74b]. particulate [TGP11].


channeling
[LxW99, LCl^{+04}, Phi83, TJRS03, WVH^{+99}, WYV^{+99}, WCZ^{+02}]. Co [SCP^{+91}], Cr [SCP^{+91}], Fe [KSKF93]. GaAs [Ekl85, TF89]. GaN [PPA^{+02}]. Ni [SCP^{+91}]. NiB [SCP^{+91}]. nitride [ATS86]. Pd [SCP^{+91}]. Pt [SCP^{+91}]. Si [JS^{+04}, AAPN06, Gro98]. Te [Wuy91]. Ti [SCP^{+91}]. TiCN [PMCF^{+06}]. TiN [PMCF^{+06}, SCP^{+91}]. TiNy [Gro89]. TiSiy [Kot91]. TiSiz [Gro89].

**TiSiz** [Gro89]. Penetrating [GRR^{+31}, Rut02b, RC03, RDCENdCA14b, Rut29h, Rut02c, Rut14g, Rut17].

**People** [Ano02]. perihelion [Far87]. Period [Hol30, Coc46]. Periodic [Rut34o, Kra13, vdB07, vdB13]. Personaggi [Seg76].

**Personalities** [Seg76, Ano04a, Ano08c, Cha64, Dal50, Kay63, Oli72b, Coc46].

**Personality** [Ano02, Ano04].

**Perspective** [RN04, Seg85].

**perturbations** [HZ15], perturbed [Agu96].

**Photographic** [GR12].

**Photonic** [SC13].

**photoresist** [RKL88, vIS89].

**Phys** [Hwa83].

**Physicist** [Ano07, Ano37i, Ano37j, RC04, ROCRC05, Bad04b, Badxx, Ged16, Hei74, Lau37, Meh73].

**Physicists** [Bar71, Pod10a, Sla13, Bad95, Bre97, Cam79, Cli65, Cli87, Cro01, Seg80a, dR85].

**Physics** [AK11, Ang00, Ano20a, Anoxxa, BB36, Boh63, BS79, Bur82, Cro74a, Dea03, DMPA08, Eve06, Far16, Fca62b, Hei79b, Hon03, Hug12, Kac93, Mas72, Meh73, Mot63, Pod10a, Pye78, RN04, Rut27, Rut38a, Sei86, She83b, Sin81, Stu79b, Stu85, VRWB12, Wei70, Wei80, Ano95, Ano17d, Bad83, Bey49, Boh87, Cli87, Con62, Gam85, Har38, Hei79a, Hen84, Hug93, Hug00, Kae48, KHAF67, Lon03, Lon16d, LRD{+}23, Mor74, Ree15a, Rut09b, Rut09c, Rut35d, Seg76, Sha87a, Sim96, Stu79a, WP55, Wei11, WHT2, Wei72, Wei85, Wens53, Wil74, Wri64, Adl03, Ano09a, CCJ^{+34}, Fre12, Ano12a].

**Physik** [Rut09b, Rut09c].

**physique** [CCJ^{+34}, LRD{+}23].

**Pierre** [DMPA08, Gri09, Ril70].

**piezoelectric** [Rut15b].

**piezoelectricity** [Kat12].

**pileup** [Wie78].

**pinch** [HFD^{+99}, RFF^{+01}].

**Pioneer** [How58, RCRC90, Ka98, Pol91, RCRC92, Row55, Row57, Ano60, Ble57, Bir57].

**pioneering** [Ged16].

**pioneers** [Ano17a].

**Pitcher** [Mor84].

**Planck** [Ole81, SR37, KLe66, Rut29f, SR37].

**Plancks** [SR37].

**plane** [IOI^{+11}].

**Plants** [RMM^{+29}].

**Plasma** [EMVK90, Sin93, Oeh86].

**plasma-etched** [Oeh86].

**plasmas** [vBBD^{+92}].

**Plastic** [Gre07].

**plates** [Mos13b].

**plating** [FNFO88].

**Platinum** [Rut01f, Rut01a].

**pleochroic** [JR13].

**plots** [SDD^{+08}].

**Plutonium** [Ber07].

**Point** [Rut09a].

**points** [RS02d, RS02e].

**Polanyi** [Gus12].

**politics** [Mer96].

**Polonium** [Rut10c, Rut10d].

**Poly** [EMVK90, HW92, MCJK90].

**polyethylene** [KB93].

**Polyimide**

Publications [Foc39, Sin81, Stu79b]. Published [Aro66, Kay63, Seg62, Seg64, Seg66]. pulse [Wie78]. pulsed [YHS97].


quality [KIS+89]. Quanta [Kle66, dB70]. Quantentheorie [Gam28, Gam29b, Hou30, Pol60]. Quantitative [Par96, PMCF+06]. quantités [RC12a]. Quantities [RC12b, Eve05, Rut05j, RC12a]. Quantity [JBS12]. Quantum [Hon03, Nia98, AH13, Bai13, Cli65, Cli87, Con62, Gam28, Gam29b, Gam85, Hou30, KHFA67, PPA+02, Pol60, Sch58, SC13, Tem89].

quarks [Seg80a]. quarter [Ano33d, Rut33j]. Québec [Ano09b]. quelques [RC12a]. questioners [Cli65]. questions [And73]. quote [Ano50].

R [Pia24, Sin81, Stu79b, Whe80, dB14]. Race [Dys05, Cat04]. radar [Fra05].

Radiation [Hes00, MM12, Pod10a, Rut97a, RO99, Rut99, RC03, Rut04g, Rut04h, Rut04o, Rut06b, Rut11a, Rut28c, Rut29a, AB09, Jor16, Rut97c, Rut00d, RG02a, Rut06n, Rut17]. Radiations [MR14, Rut12f, Rut15i, Rut15g, Rut15h, Rut16b, RCE30, RCE51, Rut10b, RB02a, Rut12g, Rut13b, Rut13f, Rut13g, Rut29a, Rut35f, Rut35g, Rut35h, Rut35i, Poo52, Mil13, Sch31]. Radio [Ano08a, Bar06, MG12, McG84, MF11, Rut00c, Rut01c, Rut02h, Rut03c, Rut04l, Rut04c, Rut04k, Rut05p, Rut05h, RB05b, Rut06a, RB06b, RG08a, Rut13f, Rut13i, RC19, Rut04, Rut07a, Sod04, Cat93, Rut00g, Rut00b, RS02i, vdB13].

Radio-Active [Rut04l, Rut05p, RG08a, Rut13i, MF11, Rut01c, Rut02b, RB05b, Rut06a, RB06a, RB06b, Rut13f, Rut00g, Rut00b, RS02i]. Radio-Activity [Ano05a, Bar06, MG12, Sod04, Rut00c, Rut03c, Rut04c, Rut04k, Rut05h, RC19, Rut04, Rut07a, RS02]. radio-frequency [Cat93]. radioactifs [RB06a]. Radioactive [Ano37i, Bad68, CDE+31a, CDE+31b].

radioactivists [RC19, Rut04, Rut07a, RS02]. radioactiven [Rut04a]. radioactives [Rut06b, Rut07h, RG08c, RR09a, Rut12b, Rut12c]. radioactives [Hug93, Lon16c]. Radioactivité [Rut05c, Cur10]. Radioactivity [Adl97, Ano00b, Ast70, Bad65, Bar05, CR21, GLR06, GLR12, GT95, Hug12, Kra12, Mon66, Roe95, Rom64, Rut00a, Rut01d, RA02b, RS02c, RS02h].
Radioaktive [Rut13b, Rut00e, RL07, Rut13g]. radioaktiven [RG02a, Rut02c, RG09b, Rut11e, RR13a]. radioaktiver [Rut01b, Rut04b, Rut05b]. Radioaktivität [RS02b, RA02a, RS02a, Rut02d, Rut02e, Rut07a, Rut32b, Rut36f, Rut15]. radioattivita [Bel82]. Radiochemistry [AM95, Adl12, Bad79b, Kau86]. Radioelemente [vdB13]. Radiological [dR85]. Radiologie [Rut13b]. radiology [Rut13b]. radionuclide [ESWW82]. radiothorium [Tre83]. Radium [Ano04c, Ano06, Ano09c, Ano22, Bol06, Cam15, CDE\*31a, CDE\*31b, CDE\*31c, Kae48, Lav14, Mos12a, Mos12b, MM12, Mos13a, MR14, RB01, RB02b, Rut03a, RB03a, RB03b, Rut04c, RB04a, Rut04e, Rut04f, Rut04g, Rut04h, Rut04o, Rut05a, Rut05d, Rut05i, RB05b, Rut05k, Rut05i, Rut06c, RB06b, Rut06g, Rut06h, Rut07e, Rut07f, Rut07g, Rut07e, Rut08i, RR08b, Rut09a, RR09, RR09, Rut10e, RR10, RR12, RC12b, Rut12e, Rut13a, Rut14l, RdCENGCA14b, RdCENGCA14a, Rut15e, Rut19d, Rut21h, Rut24j, RW25, RWVW30, RWL31a, RLB33, Sla13, Bol05, BR11a, BR11d, BR11b, BR11c, DMPA08, Eve05, Har05, RS02d, RSO2e, RS03d, Rut03f, Rut04d, RB04b, Rut04n, Rut04j, RB04c, Rut05j]. radium [RB05c, RB05a, Rut05a, Rut05g, Rut05n, Rut05m, Rut05o, RR06a, RB06a, Rut06m, Rut06l, Rut06j, Rut07b, Rut07k, RR07, RR08d, RR08a, Rut08b, Rut08h, RR08c, Rut09j, Rut11b, Rut11e, Rut11h, RC12a, Rut12d, RR13d, RR13f, RR13e, RR13c, Rut14g, Rut14f, RC24c, RR08, Sod0, Sod22, Sod02, Sod04, Tod14, BR11a, BR11c, Ree16, Rut14j]. Radium-emanation [Rut04c]. Radium-Standards [CDE\*31a, CDE\*31b, CDE\*31c]. Radiumemanation [Rut11h, RR12]. Radiummengen [Rut05j]. Radiumnormalmasse [Rut11e]. Radium [Rut08b, Sod02, Rut06i]. Radiumstrahlen [Rut03b]. Radon [Bre00, MM03, RCRC04, Ste83]. raggi [Car98]. Raman [Cla13, Rut29]. Ramsay [Ano19, Cla13, Mon66, Tre74a]. Range [GRS\*91, RWL31a, RLB33, RW16, Rut16d, Rut21g, RC24c, Rut31d, Rut31c]. Rapid [Ano23b, GHCA91, LxW99, Lu87]. Rapports [CCJ\*34, LRdB\*23]. rare [BS88, Eva96, Rut26i, Rut26j, Rut26k, Rut26l, Smf97a]. rare-earth [BS88]. rarefied [Rut29a, Rut29c, Rut29d, Rut29e]. rashheplenie [Rez23]. Rate [Ano23b, Rut07c]. Rational [Nia98]. ratios [PNFO88]. Ray [Coo13, Mos14a, Rut14k, Rut29a, And90, BBR80, Bra98, Bra61, Bur86, CYM\*03, CSN\*00, CCR85, CBZ\*12, DHS97, HV84, KKK\*99, KBvB\*05, KSKF93, PAF\*98, PCK\*08, Rut14i, Rut16c, RW25, SER\*01, SC13, Sin93, Sku89, SDD\*08, Ves90, Win94, WYV99, WYV99]. Rayleigh [Cla13]. rayonnement [Rut06b]. rayons [Rut12b, Rut12c]. Rays [Ano22, Bau73a, Cha12, GRR\*31, Gen95, MD13b, MD13a, Nia98, Rut97a,
CGL +94, Cam98, Cam99, Cam00, Cam05, Car98, Cat93, Cha54, CMO12, CYM +03, CCR +03, CLZ99, Cla13, Cla06, Cle81, Coc46, Coc53, Coh88, Coh91, Coh92, Coh95, Coh97, CSN +00, Con82, Cot10, CCR85, CBZ +12, Cro74c, Cro74b, DBE +85, DJA +04, Dan66, Dar56b, DGC07, Dav71a, Dav71b, Dav37, Dea03, Dee67, Dem03, Dev71, Dev91, DMV +96, DHS97, DM96, DBvdV87, Dow08, DYF67, DY68, DJBW83, Ear66, Eic72, ESWW82, Eik85, Ell60, EFKS96, ERM95, EMVK90, EC38, Eve39, Eve13, Far63a, Far87, Fca40, Fea62a, Fea62b, Fca72, Fca73a, Fca73b, Fca77.

**Rutherford**
[FLK92, FGM +00, Fla17, Flo70, Foc39, Fow72, Fow83, Fre12, FLP +89, FTT96, FIY +99, Ful13, GHCA91, GW73, Gar62, Geo61, Gei38b, Geo38, GR89, Goo10, Gra02, Gre07, Gri09, Gro89, Gu38, GRS +91, H31, Hah62, Hah67a, HV84, HRM79, HHAMS93, HKH96, HNS +11, Han82, Hei68, Hei79b, Hei81, Hei03, Hei67, Her84, Her77, MKM +07, HGM +94, Hwa82, IYT +09, IFSI94, Ish83, IOI +11, Jac72, Jen11, JBS12, Jue39, Kap73a, Kap66a, Kap66b, Kap73b, KB93, Kat12, Kat15, Kay63, KLL +90, KKK +99, KOMH94, KBvB +05, KSKF93, KIS +89, KY11, Kat91, KG91, Kra12, Kra75, KGGW85, KST +96, LBA +09, Lab38, Lai37, LHNG14, Lan37, LRF86, LGA +06, Lee98, LSK +88, LS +09, LDM91, Lew72].

**Rutherford** [Lia80, LGF +99, LEM65, LMC97, LxW99, Liv62, Lon16c, Lon16d, Lon16b, Lor88, Low79, Lu87, LCL +04, Liu13, MDJF83, Mac11, MD69, MB90, Man82, Man76, Man77, Mar61, Mar72, Mar38, Mar54, MM03, MCJK90, Mas72, McG84, McK62, Mec14, MSB +37, MBS +04, MMKS +80, Moo74, Moo78, Mor75, Mot63, Mot72, Mur13, NS +03, NFM +07, NOSK08, NOH +10, NMSK13, NL00, Nor79, NQB +84, O'S71, O'S72, Oeh86, OH +09, OaEKN98, Oli47, Oli72a, Oli72b, Oli84, Oli85a, Opp64, OH +04, Pae15b, Par96, PAF +98, Pei88, Pei97a, PPA +02, PBFt83, Phi83, PNFO88, Pod10b, Pol60, PMCF +06, PCK +08, Rad13, RRKH94, RR95, Ram75, RMM +13, RCRC04, RFF +01, RS +89, Ree08, Ren79, LFA +04, Rej71, REJ86, Ren81, RSWE27, Ri70, Rut92, RCO +54, Rom97, Rot74, Row55, Row57, Rus37, Rus51].

**Rutherford** [Rut26a, Rut27k, Rut29f, SSWB80b, SSWB80a, Sad81, Sar79, SER +01, See65, Seg80b, Sei86, SHA09, SC13, SBE08, Shea7b, SN05, SWZ +05, Sha37, She33a, SCP +91, Shi72, Sho82, STB +01, Sle11, Sim82, Sin93, Sku89, SLA +00, SDD +08, Sme97b, Sme97a, Sno58, Sno67, Sno68, Sod02, Sod03, SR37, Sta61, SN67, SHCK96, Stu79b, Stu85, Stu86b, Stu00, SML91, Sus01, SPL +08, Tab07, TVBO +92, TM +05, TCR97, TJ11, TFS9, Tem89, Ter38, Ter67, TMJ +99, Tho08a, Tho08b, Tho84, TGP11, Tho65, Tho70, Tl96, Tiz46, Tod14, TGDS99, TJRS03, Tre71a, TMGR74, Tre74a, Tre74b, Tre75d, Tre76b, Tre77b, Tre79, Tre83, VPW14, Vas90, Vil05, VV09, WCGC86, WZS +91, Wan96, Wei11, WV07, Wer23, WMT01, Whi82, Wic65, Wie78, Wil15, Wil74, Wil83b, Wil83a, WVCW76, Win94, WM88].

**Rutherford** [WVD +96, WVV +99, WYV +99, WZC +02, Wuy91, Wyb72, YKH +84, YHS97, Yuh92, ZWJ +02, ZCS +12, ZB74, Zim69a, Zim69b, del79,
vBD89, vBBGO90, vBBD$^+$92, vIS89, vdK89, Bel82, Her01b, Bat72, Ced00, Coh40, Fea70, Hei71, Her01a, Hub01, Ihd64, Oes70, Opp64, Sei86, Sin81, Stu79b, Swa40, Tre73, Tre75a, Tre77a, Tre85, Tur01, Whe80].

Rutherford-scattering [DBvdV87, SML91]. Rutherford. [Lin40]. Rutherfordium [Cam97]. Rutherfords [Tre74b].

S [Ano32b, Coh40, Lin40, Lov76, Rut05j, Swa40, RRKH94, LFA$^+$94]. Sallhofer [Lak96]. samples [LGF$^+$99]. Samuel [Hug08, Kay63]. Sanctuary [Rut34k, Rut34n]. Santilli [Bab71, Bab83, BCM13, BBR80, DM96, DBvdV87, DY68, FLK92, GW73, HFD$^+$99, Hei68, Kru75, LFA$^+$99, Man77, Pae15b, RR95, Rut11i, RC27, Rut12, SC13, SML91, TyBO$^+$92, YHS97, vBD89, vBBGO90, vBBD$^+$92, RN13, RC25]. Scholars [Rut34n]. Scholastic [Ano66d]. Schrödinger [Lak96]. Science [dCENdCA58, Ano09b, Ano20b, Ano23b, Anoxxb, Anoxxc, Boh61, Dea03, Dev91, Dys05, Gen95, Mon66, RN04, Rut33b, Rut36b, Rut36i, Rut36j, Rut36k, Rut37c, Rut38c, SMJ35a, SMJ35b, Sch57, Sin81, Stu79b, Zim69a, Zim69b, AK11, Bad79a, Bro62, Car98, Far16, FH60, HT10, Hil17, How58, Jen08, Kat15, Lev17, dAMxx, Mer96, Moo66, NP38, NP40, RCRC90, Ree15b, Rut36g, Giu12, dAMxx, Rut23p]. Sciences [Hei71, WH72].

Scientific [Bar05, Bar06, Bru79, Coc63, Eve06, Har07, Har01, Mil13, Rut27g, Rut33h, Rut33b, TMGR74, dBS2, Bey94, Fra05, Hah67b, Rez72, Wri64]. scientifiques [Mon66]. Scientist [Ano37c, Ano38b, Ced00, Foc37, Her01a, Her01b, Hub01, Tur01, Ano37d, Cam98, Cam99, Focxx, Kap73a, RCRC92]. Scientists [Ano06, Ano22, Ano32b, Ano33a, Ano37k, Dys05, Kae36, Seg85, Cat04, DG99, Gri09]. scienza [Car98]. scoperta [Car98]. scoperte [Seg76]. screened [ST76]. Se [Bha82]. Se-implanted [Bha82]. Search [Cha64, Cho01, Gea14a, Rut37d, Tre71a, Eid48, Lew02]. sechs [Sod02], sechzigsten [HM31]. Second [Ano23b, HBA77, Jar08]. second- [HBA77]. Secondary [Reu81, BPWS91, Cle81, CSN$^+$00, Gro89, NMSK13, Wil83b]. Secret [Rec16, Can15, Ano32c]. Secrets [Ano32a, Wen53]. section [Bab71, Far87, LCM97, Wil83b, ZB74, Rut09i, Rut09e]. sections [RRKH94, ST76]. seeds [Lon16d]. Seeing [Dys05, Rec06, Bli99]. Seen [Ano32b]. Sees [Ano23b]. segregation [SHA70]. Sehr [Rut02c]. Selected [Sch58, Rez71, Rez72]. Self [Gar81, Stu78, FFT96, Tre77b]. self-ion [FTT96]. Self-Splitting [Gar81, Stu78, Tre77b]. Sense [Dys05]. Sensitivity [EMVK90, HNS$^+$11]. Sep [Rut05c]. separation [ESWW82]. September [Bir61, Fle57, Meh73, Rut12a, VRWB12]. septième [CCJ$^+$34]. Settler [Dea03]. Seventh [CCJ$^+$34]. several [HK96]. shallow [CFMO12]. Shaped
[Kae39, Mac11]. Shattering [Kae36]. Shea [Sin81, Stu79b, Whe80]. Shed [NL00]. sheet [SCP+91, SDD+08]. shift [Far87]. Shifting [TGMR74]. Shifts [Mar72]. Shines [Bah00].shook [Gam85]. Short [Gen95, MF11]. Si [YKH+84, CFMO12, DGC07, FTT96, KBvB+05, KEJ87, Lu87, LCL+04, NFM+07, SSWB80a, Sad81, TJRS03, WZS+91, WZC+02, Yuh92, ZWJ+02, vIS89, vdK89]. Si-depth [vIS89]. Si-Rich [KEJ87]. Sidey [Ano36a, Ano46a]. Sidgwick [Rut37a, Rut14]. Sigma [RSWE27]. signal [Lia80]. Significance [Fre79, TGMR74]. Significantly [WM88]. SiH [YKH+84]. silicate [IYT+09]. Silicide [AAPN06, KEJ87, Bra98, Her84]. silicon [ATS86, BPSW91, BVI88, Hwa82, Hwa83, IYT+09, KIS+89, LRF86, MB90, Oeh86, Sin93, TGDS99, Wan96]. silicon/nitride [ATS86]. silver [LRF86, TGP11]. Simple [Sei86, Stu85, Tre85, FLK92, Wil93a]. Simulated [BJW97]. Simulation [Bis90, Eic72, BPSW91, Hau82, TJRS03]. Simulator [Wic65]. Simultaneous [SDD+08]. Since [AK11, Ano37d]. Single [Dav71b, MKM+07, Fow83, KIS+89, Rei79, Sad81, Whi82]. single-crystal [Whi82]. SiO [NFM+07, CSN+00]. Sir [Ano66b, Ano66d, Ano66c, Aro66, Coc63, Rut27e, Rut27j, Rut28a, Rut28g, Rut29j, Rut29k, Rut29f, Rut30a, Rut30h, Rut31a, Rut31e, Sch31, Seg62, Seg64, Seg66, Ano19, Ano23b, Boh26, Bro97, Gar62, RSWE27, Rut26a, Seg80c]. site [RSdS+89]. site [HV84, KKGW85, NFM+07, SBE086, WM88], six [Sad02]. Sixteenth [Rut36h]. sixtieth [HM31]. skilled [Fla17]. Sklodowska [DMPA08]. Sklodowska-Curie [DMPA08], slept [Bre97]. Slow [Rut04j, Rut05i, Rut05g, Rut04n, Rut05o]. small [Kru75, Man77]. small-angle [Kru75, Man77]. Smaller [Rut02f, Rut05j]. Smash [Kae36]. Smasher [Ano37i, Lau37]. Smashing [Ano32a]. Sn [CFMO12]. sobre [dAMxx]. social [Bad05]. Society [Rut36k, SG85, Gri09, RCO+54, Rut36j]. Soddy [Ano09b, Fle57, Gar81, How58, Kau86, Mon66, Stu78, Ano10, Asi64, Coh97, Far63b, Fre79, Gus12, How58, Jen85, Ken63, Mer96, Pan57, Pan64, Rus56b, Rus56a, Rus61, TG36, Tre71a, Tre77b, Whe04, Wil64, Wil69]. Soft [RdCENdCA14a, Rut14f, SER+01]. softened [TGP11]. Solar [Rec06], sole [Ril70]. Solid [CFMO12, DJBW83]. Solution [Ano32a]. Solutions [Rut05d]. Solvay [CCJ+34, CCJ+34, Str11]. Some [dCA68, Ano23b, Boh01, Cha64, Dal50, Eve06, Fea77, Fea79, Hah62, Har07, Lew72, ORK35a, Oli72b, Rut96b, Rut97b, Rut06h, Rut07i, RC12b, Sod03, Zim69b, Rut06i, RC12a, Ano33c, Rut03e, Rut05k, Rut05m, Rut06j, Rut08i, Zim69a]. Sommerfeld [Lak96]. son [Jen08]. sonar [Kat12]. sorta [Sn08]. Sought [Kae36]. Sound [BR16, Lid13, Rut154]. source [CGL+94, DJA+04]. Sources [GLR06, KHFA67, Rut06b, RC24c]. sous [CCJ+34]. Soviet [Ano37k, Ano37l, FH60]. Sovremennaja [Rez38]. Sowjetische [FH60]. space [Wil15]. species [KKGW85]. Spectra [Mos13c, Mos14b, Mos14a, Rut14k, Rut15e, Rut14i, Rut16c, Wie78]. Spectre [RR07, RR08a]. spectrograph [KLL+90, LSK+88]. spectrographs [FLK92]. spectrometer [HKH96]. spectrometries [SCP+91].
Spectrometry [CLZ99, ERM95, MKM+07, JBS12, SHCK96, BPSW91, Bur86, CFMO12, Cle81, CSN+00, CCR85, DJA+04, ESRDV84, FLP+89, FTY+99, Her84, Hwa82, Hwa83, IYT+09, IFSI94, KB93, KKK+99, KKGW85, LRF86, LDLM91, Lia80, LxW99, MCKJ90, MBS+04, Par96, PAF+98, PNFO88, PMCF+06, PCK+08, RRKH94, RMM+13, Reu81, SBOE86, SN05, SWZ+05, STB+01, Sku89, SLA+00, SDD+08, SPL+08, Tab97, TCZY97, TGP11, TGDS99, Wil83b, WM88, vdK89]. spectrometry/channeling [LxW99]. spectroscopic [BKP+06, TGDS99]. spectroscopies [CBZ+12, Gro89]. Spectroscopy [EMVK90, NOSK08, OaHNM98, LFA+04, And90, Bar85, BKP+06, Bra98, Bur86, CGL+94, Cat93, CSN+00, CBZ+12, DMV+96, DHS97, Fow83, FTT96, GR89, HDF+99, HNS+11, HKM+09, HW92, Ish83, KOhM94, KSKF93, KIS+89, Kot91, LHNG14, MB90, NJS+03, NFM+07, NOH+10, NMSK13, OHN+09, PMCF+06, Reu81, SER+01, Sim82, Sin93, SDD+08, TF89, TGDS99, Vas90, Win94, Wuy91, Yuh92, ZWJ+02, vdK89]. Spectrum [RR07, RR08b, RdCENdCA14b, RRR14, RW25, Rut14g, RR08a, RR08c, Rut14h]. speculations [Kra13, Tre74a]. Speech [Ano38b, SR37, SR37]. speed [Rut11h, RR13a]. Speeding [Ano23b]. spin [Par96, Sin93]. Spinners [Moo78]. Spinning [Elf14]. spirit [Cam79, Dys05]. Split [Ano32c, Dys05, Cat04, She17]. Splitting [Gar81, Stu78, Ano37d, Rez23, Tre77b]. Spread [Zim69a, Zim69b, Wan96]. Spriel [Mon66]. sputter [Bur86]. sputter-deposited [Bur86]. sputtered [Cat93, DHS97, GC00]. Stability [RR07, RR08b, RdCENdCA14b, RRR14, RW25, Rut14g, RR08a, RR08c, Rut14h]. stabilizing [PCK+08]. Stable [Hes00]. stages [DGC07]. stainless [Whi82]. Stalín [Sno67, Sno68]. Standard [Rut13a, Rut11b, Rut14j, Sku89, Rut14l]. Standards [DGC07]. Standpoint [Sod04]. State [RCW+26, Hei79a]. States [BB36]. Stationary [BB36]. Statistical [VV09]. statistics [GRS+91]. steel [Whi82]. Step [Gen95]. Stephen [Mon66]. Stevens [Bru79]. Steward [Fos49, Sei86, dR92]. still [Kae48]. Stillborn [Tre75d]. Stockholm [Ano08e]. Stoichiometric [ESRDV84]. stoichiometry [GHCA91, Ish83]. stopping [SBOE86]. Stores [Ano23b, Ano32a]. Story [Fea77, Mon66, Sod49, Eva39a, Eva39b, Fes79, Gam85, Ho58, Jor16, Reu15a, Mon66]. Stoughton [Stu85]. straggling [WZS+91]. Strahlen [RG02a, Rut02c, Rut06i, Rut31d, Rut31c]. Strahlungen [Rut13b, Rut13g, Mec14]. Strain [NJS+03, WYV+99, LCL+04, VWH+99]. Strange [Jor16]. Straus [Dys05]. Strength [Mot63]. stroenie [Rez21]. strong [Ano04]. Structural [LDLM91, KIS+89, Tho84]. Structure [Bro73b, CCJ+34, Gam29a, Hon03, KH23, Nia98, RN04, Rus56a, Rut11j, Rut13c, Rut13d, Rut13h, Rut14a, Rut14b, Rut14c, Rut23l, Rut23r, Rut23q, Rut26h, Rut27a, Rut27b, Rut27c, Rut27d, Rut27h, RAC+93, RCE+32, Rut70, Tre75b, Gro89, Hei34, NOH+10, Nor79, OHN+09, Rez21, Rez29, Rez32, Rut11i, Rut14d, Rut14e, Rut21d, Rut23s, Rut24a, Rut24b, Rut25i].
Rut26b, Rut26c, Rut26d, Rut26e, Rut30b, Rut30c, Rut30d, Rut30e, Rut12, Sod20, Sod22, Sod04, Wyb72, Yuh92, CCJ$^+$34, Rut27i. structures [NMSK13, SSWB80b, SSWB80a]. Struktur [Rut24a, Rut24b]. struktur [Rez29, Rez32]. Stuart [Lov75]. Student [BELG68]. Studied [OaHNM98, ATS86, Bha82, CYM03, Eld85, IFSI94, KBvB05, LCL04, MBS04, SHAI09, Sin93, TGP11, WYV99, WCZ02, Yuh92, ZWJ02]. Studien [Mos13b]. Studies [Dav71b, Rut25f, Rut25g, SHCK96, WCGC86, YKH84, Bey49, BBR80, GRS$^+$91, Nor79, Oeh86, PAF$^+$98, SSWB80a, Sad81, TF89, TMJ$^+$99, Whi82]. Study [Bau73a, Bau73b, CBZ12, FIY99, Ish83, LGA06, LFA04, Rut27i, AAPN06, Con82, DGC07, FGM00, GC00, HV84, HGM94, IYT09, LxW99, Lu87, NBG84, REJ86, RS03d, SDD08, WVD96, WVH99, vIS89, vdK89]. Studying [dCENdCA58, Dav71a].

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[Kat12, Bat72, Cli87, Fei11, RCO +54]. whom [Ano08g]. Whose [Kae39].
Wigner [Sch58]. William
[Ole81, Sin81, Stu79b, Whe80, Hug08, Jen08, Ole81]. Williams [Ano12a].
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[Ano37i, Ano09a, Lau37, Tho08b]. Winners [Ano99, Ano16, Far53, Far63c].
Winnipeg [Rut09e]. wins [Wil17]. Winston [Sno67, Sno68]. Within
[Jen85, Dem03]. Without [Ano19, Ano32c, Jen85]. Woman
[RC04, RCRC05, Ged16]. women [RCRC90]. Won [Dys05, Cat04]. Wood
[VRCB12]. Work [Oli84]. works [dAMxx]. World [Ano32c, Ano33a, Anoxxd, BM66,
BC16, Ber07, Jak79, Mac11, Mer96, Moo66, Seg80b, Bad05]. Worthies
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CYM +03, CSN +00, CCR85, DHS97, HV84, KKK +99, KBvB +05, KSKF93,
MD13b, MD13a, Mos14a, PAF +98, PCK +08, Rön58, RB15, RBR15, Rut16c,
Rut17, Rut18, Rut25c, RW25, Rut29a, SER +01, Seg80a, Sin93, Sku89,
SDD +08, Vas90, Win94, WVH +99, WYV +99]. X-Ray [Mos14a, Rut29a,
And90, BBR80, Bra98, Bra61, Bur86, CYM +03, CSN +00, CCR85, DHS97,
HV84, KKK +99, KBvB +05, KSKF93, PAF +98, PCK +08, Rut16c, RW25,
SER +01, Sin93, Sku89, SDD +08, Vas90, Win94, WVH +99, WYV +99]. X-Rays
[MD13b, MD13a, Rön58, Rut18, Rut25c, Seg80a]. XCV [Rut14f].
[RSWE27, Bro86, Stu85, Har07, Rut00f]. xii [Bat72, Stu85, Szy85, RT09].
XXXIII [Rut06j]. XIX [RB04c, Rut05m, Rut06l, RR13c]. XL [TR96]. XLI
[RS02g, Rut06m]. XLI [RH06b, RC22]. LII [Rut03d, Rut12h, Rut16d].
XLII [RS03d]. XLIII [Rut06k, dBB]. XLIV [Rut03e]. XV [Rut03f]. XVI
[Rut01e, Rut10g]. XVII [Rut17]. XX [Rut95, RC12b]. XXI [Cha12, RR09d].
xxii [He71, Rut06a]. XXII [Rut08d]. XXIII [Rut08h]. XXIV [RR08c, Rut24l].
XXV [Rut05a]. XXVI [Rut21e]. XXXI [Rut14g]. XXXII [RS02h]. XXXIV
[RG02b, RR13c, Rut14h, RBR15]. XXXV [Rut97a, RB15]. XXXVI
[Rut05o, Rut14i]. XXXVII [Rut14j].

Yale [Bro86, Hei71, Szy85]. Yarns [Moo78]. YBaCuO [HGM +94]. year
[Coc46]. Years
[Ano22, Ano32b, Ano45, Rog13, Rut38a, Rutxx, AK15, Ano95, Con62,
DMPA08, EC13, Gam85, Gib17, HJS70, Kae48, Mor74, Sea88, Wei90].
Yesterday [Ano09a]. Yielding [Ano32b]. York
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Anderson:1973:TQA

Anderson:1990:AIA

Angus:2000:TLE

Anonymous:2016:MT

Anonymous:1902:PN
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[Ano08a] Anonymous. Atom of matter can be detected: Prof. Rutherford, expert on radio-activity, makes successful ex-


Anonymous:1909:DPR


Anonymous:1909:NSN


Anonymous:1909:RLD


Anonymous:1912:BRL


Anonymous:1912:EPE


Anonymous:1915:CA

Anonymous:1919:AGR


Anonymous:1920:PBA

Anonymous. Physics at the British Association. Nature, 106(2663):357–358, November 11, 1920. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL http://www.nature.com/nature/journal/v106/n2663/pdf/106357a0.pdf. From this meeting report: “The results thus show that the elements may be considered as being composed of these hydrogen nuclei, or ‘protons’ as Sir Ernest Rutherford would have us call them, …” It is believed that this is the first published mention of the word proton.

Anonymous:1920:SLA


Anonymous:1922:WTE

Anonymous. Way to transmute elements is found: Dream of scientists for a thousand years achieved by Dr. Rutherford. new age, says Richardson. Remarkable result of bombarding nitrogen gas with the alpha rays of radium. Result of a chemical collision. Dr. Kendall on Rutherford. results of the discovery. energy of high power. New York Times, ??(??):34, January 8, 1922. CODEN NYTIAO. ISSN 0362-4331 (print), 1542-667X, 1553-8095. URL http://search.proquest.com/hnpnewyorktimes/docview/100061168/.
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[Ano32b] Anonymous. Atom torn apart, yielding 60% more energy than used. But two British scientists succeed only once in each 10,000,000 bombarded. Battered with protons. Hydrogen atoms are thus transmuted into helium — conservation theory seen upset. Tests made for 3 years. Dr. J. D.

**Anonymous:1932:SGD**


**Anonymous:1933:APW**


**Anonymous:1933:BAB**


**Anonymous:1933:BAS**


**Anonymous:1933:TAL**


**Anonymous:1936:AKS**

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Anonymous:1936:RLE


Anonymous:1937:ABR


Anonymous:1937:DLRc


Anonymous:1937:DLRb


Anonymous:1937:DLRa


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Anonymous:1937:LRa

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Anonymous:1937:LRb


Anonymous:1937:LRM


Anonymous:1937:LRP


Anonymous:1937:NPT


Anonymous:1937:SLR


Anonymous:1937:STL

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a BBC radio talk on 16 December 1945 by Sir Henry Tizard about Lord Rutherford.


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Anonymous:1972:RCC

Anonymous:1994:EOL

Anonymous:1995:HYM

Anonymous:1999:DOR

Anonymous:2000:NW

Anonymous:2000:NWC
Anonymous:2001:FMP


Anonymous:2002:P


Anonymous:2004:TSP


Anonymous:2005:RC


Anonymous:2006:MRD


Anonymous:2009:CAL


Anonymous:2009:ERF

[Ano09b] Anonymous. Ernest Rutherford and Frederick Soddy, McGill University, Montréal, Québec. Web site., 2009. URL http://www.aps.org/programs/outreach/history/historicsites/rutherfordsoddy.cfm. From the site: ‘The English plaque read[s]: ‘At this location, Ernest Rutherford and Frederick Soddy, during 1901–03, correctly explained radioactivity as emission of particles from the nucleus and es-
established the laws of the spontaneous transmutation of the elements.'"

Anonymous:2009:NCL


Anonymous:2010:AHR


Anonymous:2016:CNP


Anonymous:2017:CP


Anonymous:2017:NAN


Anonymous:2017:RCM


Anonymous:2017:RLB

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Anonymous:20xx:ERF

Anonymous:20xx:LSH

Anonymous:20xx:RJN

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Appleton:1962:YR

Arons:1965:BRCb

Arons:1965:BRCa

Arons:1966:BRC
Asimov:1964:FS

Aston:1970:RR

Abelson:1986:CPA

Babbitt:1971:PIC

Badash:1965:RBC

Badash:1966:HNA
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Badash:2008:RE


Badash:20xx:ERB


Bahcall:2000:HSS


Baily:2013:EAM


Barus:1905:SBR

Barus:1906:SBR


Barr:1971:AIP


Barton:1983:RST


Barbour:1985:CED


Bates:1972:GMW


Bauer:1973:ASA


Belloni:1982:BRR


Burge:1968:ODS


Bernstein:2007:PHW


Beyer:1949:FNP


Bhattacharya:1982:LTA


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Camell:2005:RCA


Camell:2014:AEM


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Cathcart:2012:GFC


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