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Title word cross-reference

(100) [Tho84]. $1.0 - \mu$ [Gro89]. **\$1.50** [Dav37]. $1/2$ [Hei71]. 180° [EFKS96].
\$23.00 [Dys05]. **\$25.00** [Dys05]. **\$4.75** [Ble57]. **\$50** [Pip01]. 5×1 [Yuh92].
\$7.00 [Bat72]. $+$ [SSWB80a, Sad81]. ¹⁰ [LMC97]. ¹² [RR95]. ¹⁴ [RR95]. ¹⁶ \mathcal{O}
[RR95]. ³² [RRKH94]. ⁴ [MDJF83, ZB74]. o [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]. a
[YKH⁺84]. α [Fea77, FR13g, GM09, GF10, GR12, Hei68, LMC97, OaHNM98,
Rut05a, Rut05e, 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, 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, Rut27a, Rut27b, Rut27c, Rut27d, Rut27h, RWL31a, RWL31b, Rut31d, Rut31c, RLB33, RWLB33, RK34, Rut66b, Rut66a, Rut10a, Rut12, WR31, vdB07].

≈ 2 [KSKF93]. β

[FR13g, Hei68, Mos12a, MR14, Rut05n, Rut11i, Rut11j, Rut12b, Rut12c, Rut12e, Rut12h, RR13f, Rut14k, RRR14, Rut14i, Rut14h, Rut66b, Rut12]. c

[IOI⁺11]. $\csc^4(\theta/2)$ [Ram75]. γ

[Cha12, CK33, MM12, MR14, Rut04f, RB05c, Rut12b, Rut12c, Rut12h, RR13b, RdCENdCA13, RR13e, Rut14k, RdCENdCA14b, RRR14, RdCENdCA14a, Rut14i, Rut14g, Rut14h, Rut14f, Rut31d, RE31, Rut31c, RB32, Rut33i]. k [Bar85]. m [IOI⁺11]. n [Wuy91]. $\sqrt{3} \times \sqrt{3}$ [Yuh92]. Z [MDJF83].

-Al [OaHNM98]. **-Compounds** [Adl97]. **-GaAs** [Wuy91]. **-graphite**

[ESRDV84]. **-Particle** [Fea77, RG08d, RR09b, Rut23n, Rut23o, RG09a].

-Particles [RG08a, WR31, GM09, Rut07g, Rut19b, RC25, RC27]. **-plane** [IOI⁺11]. **-Rays**

[Cha12, FR13g, Rut10f, RE31, Rut66b, CK33, Rut27l, Rut27h, Rut33i]. **-Si**

[YKH⁺84]. **-Strahlen** [Rut06i, Rut31c]. **-Teilchen** [RG09b, Rut31c, vdB07].

-Teilchens [Rut07g, Rut08c, Rut08d, RG09a].

/Cu [LFA⁺04]. /Fe [KSKF93]. /Si [NJS⁺03].

0 [Pip01]. **0-300-01465-1** [Bro86]. **0-340-23805-4** [Stu85]. **0-473-05700-X** [Ced00, Pip01]. **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]. **105s** [Bur64]. **107** [Wil74]. **12.50** [Sin81]. **128** [Szy85]. **12th** [Rut36h, Rut26f]. **14** [Rut31b]. **17.50** [Stu85]. **184.ℓ** [Sin81]. **1895-1896** [Rön58]. **1903** [Adl03]. **1904** [Rut05c]. **1908** [Ano09a, Jar08a, Rut08g, Tho08a, Tho08b]. **1909** [Rut09e, Rut12a, VRWB12]. **1911** [Ano06, Bad67, Bad85b, Str11]. **1913** [TGMR74]. **1926** [Rut27e, Rut27j]. **1927** [Rut26f, Rut28a, Rut28g]. **1928** [Rut29j, Rut29k]. **1929** [Rut30a, Rut30h]. **1930** [Ano31a, CDE⁺31b, Rut31a, Rut31e]. **1930s** [Stu79a]. **1931** [Rut31b]. **1933** [CCJ⁺34, Rut33h]. **1936** [Rut36h, Rut37a, Rut14]. **1937** [M.39]. **1947** [Ano48]. **1956** [Fle57]. **1957** [dCA58]. **1958** [Boh61]. **1961** [Bir61, Hay63, Raz63]. **1969** [WH72]. **1971** [Wyb72, Tre75b]. **1972** [Meh73]. **1974** [Lov75]. **1990** [Clo18]. **1er** [LRdB⁺23]. **1st** [LRdB⁺23].

2 [Ten20]. **20.00** [Bro86]. **20th** [Meh73, Bre97]. **22** [Bad67, Bad85b, CCJ⁺34]. **2nd** [Rut33h].

4-vinylpyridine [HW92]. **40** [RRKH94]. **41** [Hwa83]. **'45** [Ree06]. **4H** [ZWJ⁺02].

6H [KIS⁺89]. **6H-SiC** [KIS⁺89]. **6th** [LRdB⁺23, Pei53].

7059 [DJBW83].

80th [SR37]. **85-year-old** [Ten20].

A. [Rut05j]. **Abbey** [Ano37a, Ano37j, Wal18]. **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** [Ano18a, Rut34h]. **Academician** [Ano66a, Kap66b]. **Academy** [WH72]. **Accelerator** [DYF67, Wil74]. **Accepts** [Ano07]. **Accomplished** [Rut37b, Ano08a]. **Account** [Sod02, Sod03]. **accounts** [Sha87a]. **Accurate** [JBS12, OKR35b, SN05, SWZ⁺05]. **Achieved** [Ano22]. **achievements** [She17]. **Act** [Dun18]. **actinide** [BSS88]. **Actinium** [Ano06, Bol06, Rut07e, RWWW30, RWL31b, RB32, Rut88, RH06a, Rut06m, Rut07g, RR13b, Rut29g]. **Actino** [Hol30]. **Actino-uranium** [Hol30]. **Action** [Nia98, Rut00a, Rut09f, Rut00c, Rut00f, RR08d, Rut10g]. **Active** [HS89, Rut04l, Rut05p, RG08a, Rut12f, Rut13i, MF11, Rut00g, Rut00b, Rut01c, Rut02b, RS02j, RB05b, Rut06a, RB06a, RB06b, Rut13f, SBEO86]. **Activity** [Ano08a, Bar06, MG12, RP07, Sod04, Rut00c, RS02f, RS02j, Rut03c, Rut04c, Rut04k, Rut05h, RC19, Rut70d, Rut04, Rut07a, TMO⁺95, Tre79b]. **Actuels** [Rut05c]. **Adam** [Stu85]. **Additional** [Rut12c]. **additionnelle** [Rut12c]. **Additions** [CDE⁺31a]. **Address** [Rut09i, Rut23p, Rut27e, Rut27j, Rut28a, Rut29j, Rut29k, Rut30a, Rut30h, Rut31a, Rut31e, RCE⁺32, RSA⁺34b, RSA⁺34a, Rut09e, Rut23s, Ano38b, Rut28g]. **Addresses** [Kap80a, Ano20b]. **Advanced** [Ear66]. **Advancement** [Rut23p]. **Advances** [Rut08g, Sod03, Rut09d, Rut09l]. **Adventurer** [Sta03]. **AES** [Fow83]. **affected** [Tab97]. **After** [Ano37i, Bla50, Lau37, Ano37c, Coc46, DMPA08, Kae48]. **Ag** [REJ86]. **Age** [Ano22, Bad68, Rut88, Sno58, Stu18, Wat93, EMR07, JR13, Lew02, NL00, Rut29g, Sie11, Tip13]. **Ages** [Hol30, Cam79]. **ago** [Sea88, Sie11]. **Agricultural** [Ano38b]. **ahead** [Fla17]. **air** [FR18]. **Aires** [Pye78]. **Akademische** [Mos13b]. **aker** [Rut21d]. **Aktinium** [Rut07g]. **Al** [IFSI94, OaHNM98, PAF⁺98, PCK⁺08, TF89, TMJ⁺99, ZWJ⁺02]. **Al-implanted** [ZWJ⁺02]. **Al/GaAs** [TF89]. **Alan** [Dys05]. **Albert** [Kle10]. **Alchemist** [Ano19, Geo38, Kri19e]. **Alchemy** [Bad66, Cam14, Dav37, Rut37a, Rut37b, Rez38, Rut38b, RA45, Rut14, Dav37]. **Alchimiste** [Geo38]. **alchymie** [Rut38b]. **Alexandre** [Ano18e]. **al'fa**

[Rez24, Car98]. **al'fa-chasticy** [Rez24]. **Alfred** [Mon66]. **AlGaAs** [KG91]. **AlGaIn** [WYV⁺99]. **alhimija** [Rez38]. **alkali** [STB⁺01]. **alkaline** [HS39]. **alkémia** [RA45]. **alkyl** [NOH⁺10]. **Allen** [Bur64]. **Allibone** [Sei86, Stu85, Sen87, Tre75a]. **Alloy** [OaHNM98, TJRS03]. **alloys** [BBR80]. **AlN** [LCL⁺04]. **along** [McC19]. **Alpha** [Ano08a, Ano22, Mar61, Ano00a, Nia98, OH64, Roe95, Rut06k, Rut08a, RW16, Rut23k, RC24a, Rut24j, Rut26b, Rut26c, Rut26d, Rut26e, RWWW30, Rut70b, Tre76b, Tre79b, Wen53, Car98, Fea79, Leo05, Rez24, Rit92, RR09c, Rut12a, Rut16d, Tre74b, Tre74b]. **alpha-particle** [Fea79]. **Alpha-Rays** [RWWW30]. **Alpha-Teilchen** [Tre74b]. **Also** [Ano37j]. **alternative** [Lon03]. **alumina** [GR89]. **aluminized** [BP93]. **Aluminum** [Bau73a, And90, Bau73b, HV84, SER⁺01]. **alumnae** [Mor84]. **Alumni** [RSWE27]. **Amateur** [Har01]. **ambitions** [Bal21]. **American** [WH72, Bad05, Gri09, Lav14, Sla13]. **among** [Gri09, Wil83b]. **amorphous** [ATS86, REJ86]. **Amount** [Rut03a]. **Amplitude** [Mar72, Rut16e]. **Analogy** [Gre07, Lor88, SC13]. **Analysen** [MMKS⁺80]. **Analyses** [Mon66, Sen87, GR89, TGDS99, Wil83b]. **Analysis** [And90, Bra61, FLP⁺89, Hwa82, HHK87, LHB⁺09, MD69, MB90, RWWW30, RWL31a, RWL31b, RLB33, RWLB33, TGDS99, WVCW76, BJW97, BCM13, BP93, Bra98, CGL⁺94, Cat93, CCR⁺03, DMV⁺96, HV84, HHAMS93, KLL⁺90, KOHm94, LHNG14, LGF⁺99, Man82, MBS⁺04, MMKS⁺80, Par96, Phi83, PMCF⁺06, RMM⁺13, Reu81, RR13d, RR13f, SHAI09, Sha87b, SN05, STB⁺01, Sin93, Wuy91, ZWJ⁺02, Hwa83, RR13b, RR13e]. **analytical** [WM88]. **anatomy** [Sie11]. **Ancestry** [Ano06]. **Anchor** [Opp64]. **Andrade** [Aro65b, Opp64]. **angle** [DHS97, Kru75, Man77, WZS⁺91, vBD89]. **angles** [GM13]. **Angular** [RR95]. **Animals** [RMM⁺29]. **anion** [HW92]. **Anmerkung** [Rut05j]. **annealing** [BJW97, Bha82, CYM⁺03, DJBW83, GHCA91, LxW99, Lu87, MBS⁺04, Sad81]. **annihilation** [AAPN06, CYM⁺03, FTT96, vdK89]. **Anniversaries** [Bar71, Kha20, Kis82]. **Anniversary** [Ano12a, Rut27e, Rut27j, Rut28a, Rut28g, Rut29j, Rut29k, Rut30a, Rut30h, Rut31a, Rut31e, Sch13, Kap73a, Rut12a, VRWB12]. **Annotated** [Kay63]. **announced** [Ano17b]. **Annular** [RWLB33]. **annus** [Hug00]. **anodic** [Sha87b, TF89]. **anodized** [Eld85]. **Anomalous** [Rut19h, Rut10a]. **antecedents** [Fra05]. **Anticipating** [Gus12]. **Anxiété** [dB70]. **anxiety** [dB70]. **Apart** [Ano32b]. **Apfel** [Büh98b]. **Apparatus** [BR16, Ear66, LEM65, Mar61, SBEO86, Ter38, Wil74, Mar61]. **appeal** [Rut34m]. **Appl** [Hwa83]. **apple** [Büh98b]. **Application** [CLZ99, KT84, DJA⁺04, DBvdV87, Rut36a]. **Applications** [Her84, Moo78, Rut96b, Rut97b, RC12b, RMM⁺13, RC12a, Rut32a]. **Applied** [Wer23, Ano23b]. **applying** [FIY⁺99, IFSI94]. **appreciation** [Har01]. **Approximation** [Dem03]. **April** [LRdB⁺23]. **APS** [Ano10]. **Arbeit** [Rut05j]. **Arbeiten** [Hou30]. **arc** [Rut36a]. **archive** [Ano19a]. **archives** [Car98]. **archivi** [Car98]. **argon** [BVI88, GR89, Sku89]. **argon-bombarded** [BVI88]. **arranged** [NP38, NP40]. **Arrhenius** [Cra84].

Arthur [dR92, Coh88, Coh89, Coh91, Coh92, Fos49]. **Articles** [Kap80a].
Artificial [GLR06, GLR12, GT95, Rut22a, Rut22b, Rut22c, RC24b, Rut24k, RC29, Rez25, RC21b, Rut24m, Rut33h, Rez23]. **Arts** [Ano18b, WH72].
Ascent [Bro73a]. **ashes** [Wal18]. **Aspect** [Ell60]. **Aspects** [Rut07f, Rut27g, Bur13a]. **ASS** [Pip01]. **Assembly** [EFKS96]. **assessment** [Mor75]. **Assistance** [Rut34h]. **Assistant** [Kay63]. **Association** [Rut09e, Rut23p, Ano20a, Ano23b, Ano33b, Ano33c, RSWE27]. **Aston** [Dow08]. **Astrophysics** [Rig79]. **asymmetries** [CBZ⁺12]. **Atmosphäre** [RA02a]. **Atomosphere** [RA02b, RCW⁺26, RA02a, Rut02a, Rut26i, Rut26j, Rut26k, Rut26l]. **Atom** [AH13, dCA56a, dCA56b, dCA58, Ano08a, Ano15, Ano23b, Ano32a, Ano32b, Ano32c, Ano33a, Ano33b, Ano33d, Ano37i, Ano60, Ano09a, Ano11, Bir57, Ble57, BM66, Büh98a, CT65, Dro20, Ful13, Gar81, Gea62, Her72, Hug90, Kae36, Kra11, KH23, Lau37, Mon66, Nia98, Pod10b, Rod19, RN04, Rom60, Rom82, Rut09b, Rut09c, Rut09g, Rut09h, Rut11j, Rut13h, Rut14b, Rut14c, Rut24i, Rut34i, Sch13, Sil71, Sno58, Stu78, Tho08a, Tho08b, Til96, TGM74, Vil05, Wer23, AK15, dCENdCA64, Ano37d, Bre83, Bro73b, Cam11, Cat04, Fei11, Gar62, HRM79, HA84, Hei68, Hei81, Hei67, Her77, How58, McK62, Moo74, Pol60, Rez21, Rom97, Row55, Row57, Rut11i, Rut14e, Rut24d, Rut27l, Rut33f, Rut70f, Rut12, She17, Shi72, Sod20, Sod22]. **atom** [Sod04, Tre77b, Whe18, dCAH64, Rut66c, Sei86, Stu85, Aro65b, Dys05, Opp64, Sen87, Tre76a]. **Atom-Model** [Wer23]. **Atom-Powered** [Ano33a]. **Atom-Smasher** [Ano37i, Lau37]. **Atom-Theorie** [Rut09b, Rut09c]. **atoma** [Rez21]. **Atome** [Rut10a, Rut10b, Rut21d, vdB13]. **Atomes** [LRdB⁺23, Pia24]. **Atomic** [Ano06, Ano17, Boh63, BBSR69, Bur18, Cra84, Dar56b, F.33, FR13j, Gam29a, Jen11, Kow53, Kra12, Mon66, Mos14a, OaHNM98, Pei53, Pei97b, PBFt83, Ree06, LFA⁺04, Rus56a, Rut09k, Rut19a, Rut23a, Rut23b, Rut23c, Rut23d, Rut23e, Rut23f, Rut23g, Rut23h, Rut23i, Rut23j, Rut25a, Rut25g, Rut26f, Rut27a, Rut27b, Rut27c, Rut27d, RAC⁺29, Rut30b, Rut30c, Rut30d, Rut30e, Rut32a, RCE⁺32, Rut33a, Rut35d, Rut37g, RJ65, Rut70a, Rut70e, Rut70g, Rutxx, Sie11, Sod49, SM08, Tre75c, Ano23b, Bai13, Boh87, Cat12, CK33, CCJ⁺34, Dar56a, Gam28, Gam29b, Har38, Hou30, IFSI94, LHNG14, Pae15b, Par96, Pol60, Ree15a, Rez29, Rez32, Rut25f, RC25, Rut26b, Rut26c, Rut26d, Rut26e, Rut33i, Rut33j, Rut36f, Rut36h]. **atomic** [Sod13, Tab97, Mot63, Rez28, Rut09b, Rut09c]. **atomique** [Mon66]. **atomiques** [CCJ⁺34]. **atomism** [Rut09d]. **Atomistik** [Rut09d]. **Atomization** [ERM95]. **Atomkernes** [Gam28]. **atomkutatás** [RA45]. **Atommodell** [Pol60]. **atomnogo** [Rez29, Rez32]. **Atomnye** [Rez28]. **Atomphysik** [Har38]. **Atoms** [Ano32b, Cho01, CR12, Elf14, Pol60, Rut02f, Rut14a, Rut15i, Rut16b, Rut19a, Rut19e, Rut19f, Rut19g, Rut19h, Rut20a, Rut20g, Rut20e, Rut20f, Rut21e, Tho08a, Tre75d, Ano33c, Hei03, Rot74, Rut10a, Rut10b, Rut14d, Rut15g, Rut15h, Rut19b, Rut21d, Rut21f, Rut25d, Rut25e, Rut27h, Rut70a, Rut70c, Rut10a, vdB13, LRdB⁺23, Bad04a].

Atomskerns [Hou30]. **Atomtheorie** [Rut36f]. **Atomzertrümmerung** [Gam29b]. **Atoommodel** [Bur18]. **Attainment** [Mos13a]. **attempts** [Nav06]. **attract** [Fla17]. **audio** [BC16]. **Auger** [Bra98, BPSW91, Bur86, CSN⁺00, Fow83, Gro89, Kot91, PMCF⁺06, SBEO86, Sha87b, TGDS99, Wuy91, Yuh92, vdK89]. **August** [Hil17]. **Ausarbeitung** [Lüd13]. **ausgesandten** [Rut07g, RG09b]. **ausgesendeten** [RR13a]. **auspices** [Ano12a, CCJ⁺34, VRWB12]. **aussieht** [Büh98a]. **Australia** [Jen85]. **Authoritative** [Kae39]. **autobiography** [Hah67b]. **Autunite** [Rut15a]. **Avogadro** [Lee98, Mur01, Stu00]. **avril** [LRdB⁺23]. **Awakening** [Rom60, Rom82]. **Award** [Ano08b, Ano09a, Ano36a, Ano46a, Wil17]. **Awarded** [FR13a, Ano08g, Tes19]. **awards** [Adl12, Ano18e]. **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]. **backscatter** [KKGW85, Sim82]. **Backscattering** [CLZ99, ERM95, EMVK90, MKM⁺07, JBS12, LHB⁺09, LGA⁺06, NOSK08, OaHNm98, LFA⁺04, SHCK96, ATS86, AAPN06, And90, Bar85, 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, DJA⁺04, DGC07, DMV⁺96, DHS97, DJBW83, Eld85, EFKS96, ESRDV84, FGM⁺00, Fow83, FLP⁺89, FTT96, FIY⁺99, GHCA91, GR89, GC00, Gro89, GRS⁺91, HV84, HHAMS93, HKH96, HNS⁺11, Her84, HKM⁺09, HW92, HGM⁺94, Hwa82, Hwa83, IYT⁺09, IFSI94, Ish83, IOI⁺11, KB93, KKK⁺99, KOhM94, KBvB⁺05, KSKF93, KIS⁺89, KY11, Kot91, KG91, LHNG14, LRF86, LDLM91, Lia80, LMC97, LxW99, Lu87, LCL⁺04, MDJF83, MB90, Man82, MCJK90, MBS⁺04, MMKS⁺80, NJS⁺03, NFM⁺07, NOH⁺10, NMSK13, Nor79, NBG⁺84, Oeh86, OHN⁺09, Par96]. **backscattering** [PAF⁺98, PPA⁺02, PBFt83, Phi83, PNFO88, PMCF⁺06, PCK⁺08, RMM⁺13, RSdS⁺89, Rei79, REJ86, Reu81, Rot74, SSWB80b, SSWB80a, Sad81, Sar79, SER⁺01, SHAI09, SBEO86, Sha87b, SN05, SWZ⁺05, SCP⁺91, STB⁺01, Sin93, Sku89, SLA⁺00, SDD⁺08, SPL⁺08, Tab97, TCZY97, TF89, TMJ⁺99, Tho84, TGP11, TGDS99, TJRS03, Vas90, WCGC86, WZS⁺91, Wan96, WV07, Whi82, Wie78, Wil83b, WVCW76, Win94, WM88, WVD⁺96, WVH⁺99, WYV⁺99, WCZ⁺02, Wuy91, Yuh92, ZWJ⁺02, ZCS⁺12, ZB74, vIS89, vdK89]. **backscattering-ion** [HKH96]. **backscattering/channeling** [LCL⁺04, Phi83, TJRS03, WVH⁺99, WYV⁺99, WCZ⁺02]. **Backstory** [Kri19b]. **Badash** [Hei71, Oes70, Szy85, Bro86, Fea70, Tre77a, Vuc86]. **BaF2** [Phi83]. **Baker** [Rut21d]. **Baker-Vorlesung** [Rut21d]. **Bakerian** [Cha33, Rut04l, Rut05p, Rut20g]. **Balance** [RC12b, RC12a]. **balls** [Lor88]. **Banquetted** [Ano08e]. **bare** [CS19]. **Barium** [HS89]. **Baron**

[Ano66b, Bad04b, Bad09, Badxx, Lov75, Eva39a, Eva39b, M.39]. **barrier**
 [Gro89, Kot91, RR95]. **Barus** [dB14, Ano12a]. **Based**
 [Boh61, WMT01, NMSK13, Rut37a, Rut14]. **basic** [Wen53]. **Battered**
 [Ano32b]. **BBC** [Ano23a]. **Be**
 [Ano06, Ano32a, Wal18, Ano08a, Nix19, Sch15, Spe19]. **beads** [Lor88]. **beam**
 [Ano17b, FLK92, HFD⁺99, KKGW85, LSK⁺88, SML91, WVD⁺96]. **Beams**
 [EMVK90, SWZ⁺05, Ten20, YHS97]. **Bearing** [Hol30]. **beat** [DBE⁺85].
became [Ree15a]. **Becquerel**
 [Bel82, Mon66, RM00b, Gen95, RM00b, RM00a, RM01]. **Becquerel-**
 [RM00b]. **Been** [Rut37b, Ano08g, Whe18]. **Before**
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H [Ano64, Pia24, Sno67, Sno68, YKH⁺84, YKH⁺84]. **H.** [Hei74, Rut16a].
Haas [Pia24]. **Hadron** [Giu12]. **hafnium** [IYT⁺09]. **Hahn**

[CSW97, CSW97, Hah67b, She83a, She83b, Tre83]. **Hails** [Ano38b]. **hall** [NL00, Ano09a, CYM⁺03]. **haloes** [JR13]. **Hammarskjöld** [Sno67, Sno68]. **Handbook** [Rut13b]. **Handbuch** [Rut13b]. **Hans** [Glo20]. **hard** [CK33, Rut33i]. **hardback** [Pip01]. **Hardy** [Sno67, Sno68]. **Harnessing** [Sla13]. **Harriet** [DeB19, Ged16, Mor84, Nix19, RCRC92, RC04, RCRC05]. **Hartcup** [Sei86, Sen87, Stu85]. **harvest** [Bra09]. **Haven** [Bro86, Hei71, Szy85]. **Hawking** [Ano18f, Cro01, Sat18, Wal18]. **headquarters** [Bri31]. **Heal** [Sta03]. **Heat** [Rut05l, RR12]. **Heating** [RB03a, RB03b, RB04a, Rut04e, RB04b, RB04c, RB05c, RR13c]. **heavily** [Lu87]. **Heavy** [OKR33, OHR34a, OHR34b, Rut33c, RK34, RSA⁺34b, RSA⁺34a, Rut38f, GHCA91, RRKH94, RR95, Rut37e, Rut37f, Lor70f]. **heavy-ion** [GHCA91, RR95]. **Heights** [Ben20]. **Heilbron** [Bad04a]. **Heinrich** [BHN98]. **Heisenberg** [Lak96, Bre97]. **Held** [Bir61, Meh73, Tre75b, CCJ⁺34, LRdB⁺23, Sod02]. **Helium** [Ano08a, Ano32b, BR11a, BR11c, Rut03a, RB09, Rut31f, Rut37d, Rut66a, Lor70a, BR11d, BR11b, BVI88, KY11, Rot74, RC27, BR11b]. **helium-**[BVI88]. **helium-ion** [KY11]. **Hendry** [Stu85, Sei86]. **Henri** [Gen95]. **Henry** [Eck20, Hei08, Jew19, Ole81, FF17, Rut15c, Rut37a, Rut14]. **her** [Ged16]. **here** [Bre97, Kay63]. **heritage** [Wil17]. **Hertz** [BHN98, Gea14a, Gea14b, Hon98]. **hervorgerufene** [RA02a]. **hexafluorophosphate** [OHN⁺09]. **HfO** [NJS⁺03, NFM⁺07]. **HfSiON** [MBS⁺04]. **Hg** [Con82, WZS⁺91, Win94]. **Higgs** [Kra14a]. **High** [Ano22, EMVK90, HGM⁺94, IYT⁺09, LHB⁺09, Mos12b, Mos13a, Mos13c, Mos14b, NOSK08, Rut94, Rut5 , RP07, Rut27g, Rut28c, Rut29a, Bha82, CFMO12, DGC07, FLP⁺89, HNS⁺11, KB93, NJS⁺03, NFM⁺07, NOH⁺10, NMSK13, OHN⁺09, RR95, Rut24e, Rut24f, Rut24g, Rut24h, TCZY97, Ano37i, Lau37]. **High-Energy** [EMVK90, RR95]. **High-Frequency** [Mos13c, Mos14b, Rut94, Rut5 , Rut28c]. **High-Resolution** [NOSK08, HGM⁺94, IYT⁺09, CFMO12, DGC07, HNS⁺11, NJS⁺03, NFM⁺07, NOH⁺10, NMSK13, OHN⁺09]. **high-temperature** [FLP⁺89]. **Hilger** [Stu85]. **Him** [Ano09a, Ano38b, RCO⁺54]. **Hiroshima** [Pre05]. **Histoire** [Mon66]. **história** [dAMxx]. **Historic** [Ano18c, Coh97, She17, Wal18]. **Historica** [Cle19, Won20]. **Historical** [Seg85, Rön58]. **Histories** [Pei97b]. **historiografia** [dAMxx]. **historiography** [dAMxx]. **History** [Adl97, Anoxxb, Anoxxc, Bal15, Cle19, Dyl20b, Eva96, Gar81, Her72, HHK87, Kap80b, Kri16, Kri19a, O’C17, RN04, Rut19c, Rut23n, Rut24j, Rut33b, Sin81, Stu78, Stu79b, WP85, Ber07, FH60, Glo20, GA71, Har05, Kim02, KHFA67, Leo05, dAMxx, Rut12a, Rut23m, Rut70b, Tod14, Tre77b, WH72, NP38, NP40]. **hit** [Ano18a]. **Hitting** [Kow53]. **Hodder** [Stu85]. **Home** [Ano09c]. **Hon** [dCA37, Boh37, Bra37, Cha37, Coh40, Eve37, Eve39, Eve13, Smi37, Sod37, Swa40, Tho37a, Tho37b, dB32]. **Honorary** [Lüd13]. **Honors** [Ano10]. **honour** [Ano37k]. **honoured** [Ano09b]. **Honours** [Ano66d, O’S71, O’S72]. **hope** [Ten20]. **horse** [Dow08]. **Horvath** [Gri09]. **Hotel** [Wel90]. **Houston**

[Wel90]. **Human** [Boh63, Dys05, SMJ35a, SMJ35b, Boh87]. **hundred** [AK15, Ano95, DMPA08, Mor74]. **Hungarian** [RA45]. **Hunting** [FR18]. **hydrated** [Wan96]. **Hydrogen** [ERM95, Lak96, OKR33, OHR34a, OHR34b, Rut19f, Rut21e, Rut29i, RK34, RSA⁺34b, RSA⁺34a, Rut37d, Lor70c, Til96, BVI88, Eid48, HKH96, Rut33c, Rut34j, Rut34a, Rut34b, Rut34c, Rut34d, Rut34l, Ten20, Ano32b, Rut19e]. **hydrogen-** [BVI88]. **Hypothesis** [Cra84, Stu83].

Ich [Büh98a]. **Idea** [Tan77]. **Ideas** [Kae36, Bre97, HT10]. **Identification** [Rut22g]. **identity** [Tem89]. **ignorance** [She17]. **ih** [Rez28]. **ihr** [CSW97]. **ihre** [Mec14, Rut13b, Rut13g]. **II** [Aro65a, RS02b, Rut11h, dR92, Bad05, Coh89, KLL⁺90, LSK⁺88, Mor84, Mos14b, Oli66b, RO99, RS02b, RS02g, RS02c, RS02f, RS02j, Rut04h, Rut06h, Rut08i, Rut09h, Rut11h, Rut19f, Rut20c, Rut21b, Rut22k, Rut26c, Rut26j, Rut27b, Rut28e, Rut29c, Rut30c, Rut35g]. **III** [Ano66e, Coh91, RS02l, Rut19g, Rut20d, Rut21c, Rut22l, Rut26d, Rut26k, Rut27c, Rut28f, Rut29d, Rut30d, Rut35h, Aro66]. **illuminations** [McC19]. **illustrated** [Bri31]. **illustrations** [RA45]. **illusztrációkkal** [RA45]. **im** [Sod02]. **image** [LHNG14, Pye78]. **images** [Tab97]. **IMFP** [Fow83]. **imidazolium-based** [NMSK13]. **imide** [NOSK08, NOH⁺10]. **Immense** [Ano23b]. **Immersion** [KT84]. **implantation** [BPSW91, PAF⁺98]. **implanted** [BKP⁺06, Bha82, CFMO12, FTT96, GRS⁺91, KBvB⁺05, KG91, Rot74, SSWB80a, Sad81, TJRS03, WCGC86, Whi82, ZWJ⁺02]. **Implications** [Ang00, Nia98, NM12, RN04]. **Importance** [Bad71, Ble99]. **important** [Wil15, Won20]. **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]. **inelastic** [Fow83]. **Infecting** [RMM⁺29]. **Influence** [Kae39, SG85, SLA⁺00, Bad87, DMV⁺96, Rut01b]. **infrared** [Sin93, TGDS99]. **InGaN** [PPA⁺02]. **InGaN/GaN** [PPA⁺02]. **initial** [DGC07, HV84]. **injustice** [CSW96]. **Inner** [Ree06]. **Innocence** [Stu18]. **Innovation** [Whe18]. **InP** [Phi83]. **Inquiry** [Gib19]. **Inscribing** [Dea03]. **institut** [CCJ⁺34]. **Institute** [CCJ⁺34, WH72, EC13, Rut13e, Whe18]. **Institution** [Rut36h]. **Int** [Rut05c]. **integrated** [Gro89]. **Intense** [Rut27g, Rut30i, FLK92, LSK⁺88, SML91, YHS97]. **intensité** [Rut06b]. **Intensity** [Rut06b, Rut06n]. **Interaction** [CK33, Rut33i]. **intercalation** [ESRDV84]. **Interdiffusion** [IFSI94, FIY⁺99]. **interdiffusions** [SCP⁺91]. **Interest** [Bar71]. **Interface** [KSKF93, PCK⁺08, AT886, HV84, IOI⁺11, NJS⁺03]. **interlayer** [LCL⁺04, PCK⁺08]. **intermixing** [PPA⁺02]. **International** [Bir61, CDE⁺31b, Dys05, Hay63, Meh73, Raz63, Cat04, CCJ⁺34, Kat15, Rut11b, Rut14j, CDE⁺31a, CDE⁺31c, Rut13c, Rut13d, Rut13e, Rut14l].

Interpretation [Ano94, Rut34o, Stu94, Bab71, Sod08, Sod20, Sod22, Sod04]. **Interpreter** [Rus56a]. **Interred** [Wal18]. **Intra** [Sod13]. **Intra-atomic** [Sod13]. **Introduction** [She83a, Rön58]. **invention** [Kat12]. **inventory** [KHFA67]. **Invents** [FR13f]. **inverse** [HBA77]. **investigate** [HW92]. **investigated** [CBZ⁺12, SPL⁺08]. **Investigation** [BPSW91, ERM95, STB⁺01, TMO⁺95, WZS⁺91, WV07, RS02k, RS02j, RS02l, RS02m, RS02i]. **Investigations** [Rut11h]. **Ion** [Bau73a, EMVK90, RM00b, RM00a, 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, RRRKH94, 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]. **ionic** [NMSK13]. **Ionisation** [RA02a]. **Ionization** [RA02b, RA02a, Rut02a]. **Ions** [MR14, OKR33, Rut01a, RRRKH94, Rut97c, WZS⁺91, Wan96, ZB74]. **iridium** [And90]. **Iron** [Rut94, Rut5, TMJ⁺99, WCGC86]. **Irradiated** [HS89, LxW99]. **irradiation** [HS39]. **ISBN** [Bro86, Ced00, Pip01, Stu85]. **Iskusstvennoe** [Rez23, Rez25]. **Island** [Lig18, HZ15]. **Isolation** [Jen85]. **Isotope** [OKR33, RK34, Tan77, Eid48, Gan18b]. **Isotopes** [HS89, Rut37d, Wil64]. **Italian** [Car98, Seg76]. **Italy** [Meh73]. **IV** [dR92, Mos13b, Coh92, Far01, RS02m, Rut03h, Rut19h, Rut22m, Rut26e, Rut26l, Rut27d, Rut29e, Rut30e, Rut35i, Rut10a]. **IX** [RG08e]. **Izbrannye** [Rez71, Rez72].

J [Ano32b, Gar81, Hay63, Hei74, Ihd64, Kub11, Mon66, Pia24, Rön58, Rut16a, Stu78, Whe04]. **J.** [Bad04a, Ble02, Kub11, Raz63, See65, Whe04]. **jadra** [Rez28, Rez29, Rez32]. **Jahr** [Lüd13]. **Jahre** [Sod02]. **Jahres** [Tho08a]. **James** [Ano64, Aro66, Bro97, Coc63, Osg66, Poo52, Sch31, Seg62, Seg64, Seg66]. **Jan** [Rut08g]. **Japan** [Tan77]. **Jeans** [Ano38b]. **Jeffreys** [Rut15c, Hei08]. **jelementov** [Rez23, Rez25]. **jetzt** [Büh98a]. **John** [Ano60, Ble57, Ced00, Her01a, Her01b, Sei86, Stu85, EMR07, Pip01]. **Johnstone** [O'H75]. **Join** [Ano18f]. **Journal** [Anoxxc, Bal15, Anoxxc]. **journals** [Bey49]. **Journey** [FR13j, Lev17]. **Journeys** [Dyl20b]. **Jubilee** [Bir61, Hay63, Raz63, Rut38c, Gea62]. **July** [Lov75, TGMR74, Tre75b, Wyb72, Ree06, TGMR74]. **Jun** [Rut15i]. **June** [Rut33h]. **Junior** [Rut33h]. **justification** [Tre74a].

Kamerlingh [Pia24]. **Kapitza** [Ano66a, Bad85a, Bro86, Rub97, Vuc86, Szy85]. **Karlsruhe** [EC13]. **Kay** [Ano45, Hug08]. **Kelvin** [Ano33c, EMR07, Tip13]. **Ken** [Stu79b]. **Kendall** [Ano22]. **Kepler** [Liv62, Sta61]. **Kernmassen** [vW35]. **Kernspaltung** [CSW97]. **Kernstruktur** [Rut21d]. **keV** [HKH96]. **Key** [Pae15a]. **Kinetic** [NBG⁺84]. **Kinetics** [Lee98, Stu00, HV84, SDD⁺08]. **King**

[Eck20, Jew19, Ano37j]. **Kissinger** [SDD⁺08]. **Kiwi** [Ano19a, Wad20]. **knew** [Kat12, RCO⁺54]. **know** [Büh98a]. **Knowledge** [Boh63, Cle19, Boh87]. **Known** [Ano07]. **Konstanten** [Ano31a]. **Konstitution** [vdB13]. **Kremlin** [Bad85a, Bro86, Szy85, Vuc86].

L [Ano66a, Bad04a, Kap66b, Pia24]. **lab** [Ano18c]. **Laboratories** [Ano12b, Ear66, Har07, Bri31]. **Laboratory** [Ano32b, Ano45, DBE⁺85, Hug08, Kay63, LEM65, Woo46, Ano09c, Bad83, Bod20, GW73, Tre79a, Ano32c, Ano66e, Cro74d, Cro74e, Kim02, Nav06, Rut19c, Osg66]. **Laborde** [Mon66]. **Laby** [Dea03]. **Ladung** [Rut08c, Rut08d, RG09a]. **laid** [CS19]. **Langevin** [Kat12]. **large** [GM13, Gro89, Giu12]. **laser** [DJBW83, KKK⁺99, Sad81, Ten20]. **Lasers** [Shi88]. **Last** [Ano38b]. **lastly** [dR92]. **Late** [Ano38b, Foc39, MSB⁺37, Wal18, Ano37]. **lateral** [WZS⁺91, Wan96]. **Latest** [Ano32a, Rut09d]. **Latex** [LGA⁺06]. **l'atome** [Mon66]. **Lattice** [RSdS⁺89, TJRS03]. **launch** [Spe19]. **Laura** [Mon66]. **laureate** [How58]. **Law** [Rut34o, Ram75, RC25]. **Lawrence** [Bro86, Fea70, Hei71, Jen08, Oes70, Ole81, Szy85, Tre77a, Vuc86]. **laws** [GM13, Sta61]. **Layer** [LFA⁺04, LCL⁺04, WVH⁺99, WYV⁺99, WCZ⁺02]. **layers** [FLP⁺89, IOI⁺11, MB90, Sad81, WVD⁺96, ZCS⁺12, vIS89]. **lead** [WVCW76]. **Leadership** [Kim02]. **leading** [Cam19, Cro01]. **Leads** [Ano32a]. **learn** [Bod20]. **Learning** [Rut36k, Rut36g, Rut36j]. **Learns** [Ano06]. **leaves** [Ano07]. **Lebenswerk** [Gei38a]. **Lecture** [dCA58, Ano66a, Boh61, Kap66b, LEM65, Rut26f, Rut31b, Rut36h, Rut37a, Sme97b, NL00, Rut33h, All64, Ano09c, Bla59, Bra61, Bur83, Bur82, Cha33, Cha54, Coc53, Dar56b, Dee67, Fea77, Fow72, Mar54, McG84, Moo78, Mor75, Mot63, Pei53, Rut04l, Rut05p, Rut20g, Rut21d, Rut14, Sho82, Tho65, Tiz46b, Zim69a, Zim69b]. **Lectures** [Rut12a, VRWB12, NP38, NP40, RCO⁺54, Sod02, dB14, Ano12a]. **LEED** [Nor79, NBG⁺84]. **Legacy** [Ano17d, Eck20, Jew19, Lon16a, AK11, Har05, TJ11]. **Legendary** [Ben20]. **LEGO** [Whe18]. **leicht** [Rut03b]. **Leipzig** [Mos13b]. **length** [Rut14f]. **lente** [Rut05g]. **Lenz** [Agu96, BB80, Far87]. **Léonidovich** [Rub97]. **lessons** [Bod20]. **letiju** [Kap73a]. **Lett** [Hwa83]. **Letter** [Ale46, Mos14a, Rut26a, Rut35a, Shi88, Tre79b]. **Letters** [Coh40, Coh88, Coh89, Coh91, Coh92, Fea70, Hei71, Oes70, RSWE27, Swa40, Szy85, dR92, Ano36b, Bad69, Eve39, Eve13, Hei74]. **levels** [dAMxx]. **LHC** [Wei11]. **L'histoire** [Mon66]. **LI** [Rut19e, Rut21g, Rut27l]. **Library** [Ble57]. **Life** [Anoxxb, Coc46, Coh40, Eck20, Jew19, Mar54, MF11, Rut23m, Rut23n, Rut23o, Rut24j, Rut70b, Swa40, Ano20b, Ano18b, Cam15, Cro01, Eva39a, Eva39b, Eve39, Eve13, Gei38a, Hei74, How58, Sim96, Ree16]. **Life-history** [Rut23m]. **Light** [Cha12, CR12, OKR35a, Ree06, Rut98, Rut19a, Rut19e, Rut19f, Rut19g, Rut19h, Rut19b, RC21b, Rut70a, Rut10a]. **Lightman** [Dys05]. **LII** [Rut19f, RC24c, RC27]. **LIII** [Rut19g]. **Like** [Ano19, Büh98a]. **likened** [Ano38b]. **Limit** [Ano32c, Kra13]. **limiting** [vBD89]. **limits** [RR95]. **LiNbO** [RSdS⁺89]. **Lineage** [Ano99]. **link** [Ano09c]. **Linus** [Gri09]. **Lipson**

[Ano64]. **Liquid** [Ano94, Stu94, LGF⁺99]. **Liquid-Drop** [Ano94, Stu94]. **liquids** [NMSK13]. **Lise** [Büh98b, CSW97, Büh98b, CSW97, Sim96]. **list** [Ano18a]. **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** [HZ15]. **Logic** [GRS87]. **London** [Bur64, Hei71, Stu85]. **Long** [DeB19, RW16, RWL31a, RLB33, Rut21g, RC24c, Rut31c, Rut16d, Rut31d]. **Long-range** [RW16, Rut21g, RC24c, Rut16d]. **look** [Kru75]. **looked** [Fei11]. **looks** [Büh98a]. **Lord** [dCA37, Ano37l, Ano38c, Ano64, Ano66e, Aro65a, Aro66, Boh37, Bra37, Bur64, Bur38, Cha37, Coc63, Coh40, Dav37, Eve37, Eve39, Eve13, Gei38a, Har38, Osg66, Seg62, Seg64, Seg66, Seg80c, Smi37, Sod37, Swa40, Tho37a, Tho37b, dB32, dCA38, Ano33d, Ano36a, Ano37d, Ano37c, Ano37b, Ano37e, Ano37h, Ano37i, 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, Gué38, HM31, Har38, Jac72, Jar08a, Kap66a, Kap66b, Kap73b, Kap80d, Kay63, Lau37, Man76, MSB⁺37, Mil38, Mol63, Mur13, Rus37, Rus51, RC62, Sme97b, Som38, Tho08a, Tho08b, Tho70, Tiz46a, Tod14, VPW14]. **Lorentz** [Pia24]. **Loss** [Rut23k, MB90, Rut24l]. **Lost** [Kri16]. **Louis** [Rut05c]. **Love** [AH13, FF17]. **Low** [Ang00, Bha82, DYF67, HKH96, Kri16, Rut30i, BVI88, DJA⁺04, DHS97, Hwa82, Hwa83, KB93, LCL⁺04, MDJF83, Rut24e, Rut24f, Rut24g, Rut24h, WM88, YHS97, Yuh92]. **low-** [MDJF83]. **Low-Energy** [DYF67, HKH96, Kri16, BVI88, WM88, Yuh92]. **low-pressure** [Hwa82, Hwa83, YHS97]. **Low-temperature** [Bha82, LCL⁺04]. **Lowood** [Ole81, Ole81]. **Luis** [Ree16]. **luminescence** [KG91]. **Luminosity** [Rut10f]. **LV** [BR11d]. **LVII** [GR12, RN13, RR14, Rut14e]. **LVIII** [RB05c, RG11]. **LX** [RS03b, Rut03g]. **LXI** [GM13]. **LXIII** [JR13, Rut04n]. **LXIV** [RS02g]. **LXV** [Eve05]. **LXVII** [Rut09j]. **LXVIII** [RR08d]. **LXXIII** [Rut07b]. **LXXIX** [Rut11i]. **LXXV** [GF10, Rut02a]. **LXXVI** [RG10, RR13d]. **LXXXII** [RR13b]. **LXXXIV** [RS02c]. **LXXXIX** [RC21b].

M [Lov76, Mon66, Pia24, Whe04, Gro89]. **M.** [Ano81, Coh40]. **M.A** [How58]. **m.b.H** [Mos13b]. **Macdonald** [Eve06]. **Mach** [SR37, SR37]. **MacLeod** [Eck20]. **Macmillan** [Dav37]. **Madame** [Rut34f]. **Made** [Ano19, Ano32b, Cli87, Clo18, 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]. **Maine** [Lig18]. **make** [Mil95]. **Makes** [Ano08a]. **Making** [Ano19, Bal15, CAN88, Dea03, Sla13, Cam14, Ano32c]. **Man** [Ano32a, Bro73a, Eva39a, Eva39b, Kae39, Oli72b, Rut24i, Bat72, Fei11,

Lew02, Moo66, Sch57, Whe18]. **Manchester**
 [Ano64, Bir61, Bur64, Har07, Hay63, Raz63, Seg64, dCA68, Ano07, Ano08b, Ano08f, Ano09a, Ano12b, Ano17d, Bir62, Bir63, Fea62b, Gea61, Gei38b, Hug08, Kat15, Kri19b, Kri19a, Lon16b, Rus51, RC63, Ano64, Ihd64, See65, Aro65a].
Manhattan [Ben20, Ree15a, Sch15]. **Many** [DeB19, Kae36]. **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, TGM74]. **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, SBEO86].
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, Rut20b, Rut20c, Rut20d, Rut21a, Rut21b, Rut21c, Rut22e, Rut23s, Rut24a, Rut24b, Rut25b, Rut25i, Rut28d, Rut28e, Rut28f, Rut30g, Rut34e, Rut70h, Rut12, Wyb72, Rut13c, Rut13d]. **Max**
 [Lüd13, Lüd13, Rut29f, Ole81]. **Maximum** [RBR15]. **Maxwell** [Lon16a].
May [Ano32a, Ano06]. **Mayes** [Whe18]. **Maynard** [Lov75]. **MBE** [BBR80].
McGill [Ano09b, Eve06, Ano07, Bad79a, Fea62a, Hah62, Hei79b, Lon16b, Mor84, Sha37, Sod03, Ter38, Tre79a]. **McTavish** [Wil15]. **Mean**
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nas [dAMxx]. **Nations** [Ano37j]. **native** [Win94]. **Natur**
 [RS02b, RS02a, Rut08c, Rut08d, RG09a, Sod02]. **Natural**

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[dCAH64, Aro65b, Opp64, Ree08, Rut04f, Rut08a, RG08d, Rut08f, RR08e,
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[Cha32a, Cha32b, Cha33, FR13h, GLR06, Pol91, Rog13, Rut35e, Lor70b,
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[LSN⁺09]. **Neutronen** [HS39]. **Neutrons**
[Elf14, GLR06, HS89, Clo18, Fel19]. **Newer**
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[Ano31b, Fel19]. **Newton**
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[Wuy91]. **Ni/Si** [AAPN06]. **NiB** [SCP⁺91]. **nicht** [CSW97]. **nickel**
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[Rut10e, Rut13i, RG11]. **Non** [Ole81, RRRKH94, BP93, LMC97, Low79].
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[Ole81, Low79]. **Nondestructive** [BSS88]. **Normal** [Rut11e, WZS⁺91].
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O [Cat93, Coh40, IFSI94, KKK+99, OaHNM98, Rez29, Rez32, FGM+00, FIY+99, IFSI94]. **O.M** [dCA37, Ano36a, Ano37h, Ano46a, Ano66b, Boh26, Boh37, Bra37, Cha37, Cro35, Eva39a, Eva39b, Eve37, Rut28a, Rut28g, Rut29j, Rut29k, Rut30a, Rut30h, Rut31a, Rut31e, Smi37, Sod37, Tho37a, Tho37b, dB32]. **O.M.** [Eve39, Eve13, Swa40]. **Oaks** [Wel90]. **obey** [MDJF83, ZB74]. **Obituary** [dCA37, Boh37, Bra37, Cha37, Eve37, M.39, Rut28b, Rut34f, Rut35j, Smi37, Sod37, Tho37a, Tho37b, Clo18, Dit80, Lab38, Lai37, Mar38, Mil38, Tho70, Ano38c, Bur38, SR37, Som38]. **oblique** [Wan96]. **obras** [dAMxx]. **Observation** [NOSK08, NOH+10, OHN+09, NFM+07]. **observed** [CFMO12, OHR34a, OHR34b, RC24c]. **Obtained** [Ano06, LFA+04, SLA+00]. **Obtaining** [Mos12b]. **October** [CCJ+34, Far01, Stu79b, Wel90]. **octobre** [CCJ+34]. **offers** [Bod20]. **office** [Ano18a]. **Ogni** [Sno68]. **ohmic** [Wuy91]. **Old** [Kae36, NL00, Rut35c, Ano09c, Ten20]. **Oliphant** [Bat72, Sei86, Tre73]. **Once** [Ano32b, Tre75d]. **One** [AK15, Ell60, Gib19, Ano18c, Jar08b, Lew02]. **Only** [Ano32b, CSW97]. **Onnes** [Pia24]. **Onward** [Ano32a]. **open** [Ten20]. **Opening** [Rut09e, RCE+32, RSA+34b, RSA+34a, Rut34g]. **opens** [Ano18d]. **Operation** [Ano37i, Lau37, Ano37c]. **Opinion** [Wil15]. **opportunity** [EMR07]. **Opposition** [Kra11]. **Optical** [CR12, RMM+13]. **optics** [SC13]. **Optimized** [SWZ+05, SML91]. **Optimum** [BELG68]. **Opto** [McG84]. **Opto-Electronics** [McG84]. **Orbits** [Elf14]. **Ordering** [NOSK08]. **Ordinary** [Rut03c]. **Origin** [Ano94, Bad68, Rut07c, Rut07d, Rut07i, Rut15e,

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[GRR⁺31, Rut02b, RC03, RdCENdCA14b, Rut29h, Rut02c, Rut14g, Rut17].
People [Ano02]. **perihelion** [Far87]. **Period** [Hol30, Coc46]. **Periodic**
[Rut34o, Kra13, vdB07, vdB13]. **periodische** [vdB07, vdB13]. **Perry**
[EMR07, Tip13]. **Personaggi** [Seg76]. **Personal**
[Ano02, Ano04a, Ano08c, Cha64, Dal50, Kay63, Oli72b, Coc46].
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[Ble57]. **Philosophy** [RN04, Mor75]. **phosphorus** [HHAMS93]. **photo**
[CBZ⁺12]. **photo-induced** [CBZ⁺12]. **photo-voltage** [CBZ⁺12].
photodissolution [REJ86]. **photoelectron**
[And90, Bra98, Bur86, CSN⁺00, Sin93, Vas90, Win94]. **Photographic**
[GR12]. **Photonic** [SC13]. **photoresist** [RKL88, vIS89]. **Phys** [Hwa83].
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Bad04b, Badxx, Gan18a, Ged16, Hei74, Lau37, Meh73, Wal18]. **Physicists**
[Bar71, Pod10a, Sla13, Ada72, Bad05, Bre97, Cam79, Cli65, Cli87, Cro01,
Seg80a, dR85]. **Physics**
[AK11, Ang00, Ano20a, Anoxxa, BB36, Boh63, BBSR69, BS79, Ano81, Bur82,
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LRdB⁺23, Mor74, RC13, Ree15a, Rut09b, Rut09c, Rut35d, Seg76, Sha87a,
Sim96, Stu79a, WP85, Wei11, WH72, Wei72, Wei85, Wen53, Wil74, Wri64,
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Physik [Bih98b, Rut09b, Rut09c]. **physique** [CCJ⁺34, LRdB⁺23]. **Picton**
[Wad20]. **Pictures** [Ano23b]. **Pierre** [DMPA08, Gri09, Ril70]. **piezoelectric**
[Rut15b]. **piezoelectricity** [Kat12]. **pileup** [Wie78]. **pinch**
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plasma-etched [Oeh86]. **plasmas** [vBBD⁺92]. **Plastic** [Gre07]. **plates**
[Mos13b]. **plating** [PNFO88]. **Platinum** [Rut01f, Rut01a]. **play** [Nix19].
pleochroic [JR13]. **plots** [SDD⁺08]. **Plutonium** [Ber07]. **PM** [Ano18d].
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Eva39a, Eva39b, Eve37, Eve39, Eve13, FR13i, Foc37, Gar81, Gei38a, HM31, Har38, Hay63, Hil17, Hwa83, Jar08a, Kra14b, Lak96, Lüd13, M.39, Mil13, Mil38, Mol63, Mon66, Ole81, Osg66, Pei53, Pia24, Pol60, Poo52, Raz63, Rön58, Rut28g, Rut29j, Rut29k, Rut30h, Rut31e, Sch31, Seg62, Seg64, Seg66, Seg80c, Sil71, Smi37, Sod37, SR37, Som38, Stu78, Swa40, Szy85, Tho08a, Tho37a, Tho37b, Tre75b, Tre76a, Vuc86, Whe04, dB14, dB32]. **Rutherford** [dR92, ATS86, AAPN06, Agu96, AB09, AK11, Ale46, All64, And90, dCA38, dCA58, dCAH64, dCENdCA64, dCA68, Ano04b, Ano04c, Ano06, Ano07, Ano08a, Ano08d, Ano08e, Ano08f, Ano08g, Ano09a, Ano19, Ano22, Ano23b, Ano33c, Ano33d, Ano36b, Ano37a, Ano37d, Ano37c, Ano37b, Ano37e, Ano37i, Ano37f, Ano37g, Ano37j, Ano37k, Ano37l, Ano38a, Ano38b, Ano38c, Ano46b, Ano48, Ano50, Ano66a, Ano66b, Ano66d, Ano66c, Ano71a, Ano71b, Ano72, Ano05, Ano06, Ano09a, Ano09c, Ano10, Ano11, Ano16, Ano17c, Ano17d, Ano18d, Ano18e, Ano19a, Anoxxa, Anoxxb, Anoxxc, Anoxxd, App62, Aro65b, Ast70, Bad67, Bad68, Bad69, Bad71, Bad74, Bad75, Bad79a, Bad83, Bad85a, Bad85b, Bad87, Bad04b, Bad08, Bad09, Bal21, Bar85, BJW97, Bar83].

Rutherford

[BB80, BKP⁺06, Bau73a, Bau73b, BSS88, BCM13, Bha82, BP93, Bir62, Bir63, Bis90, Bla50, Bla59, Bla72, BBR80, Boa07, Bod20, Boh61, Bou99, Bow14, Bra98, Bra61, Bra04, Bre00, Bre83, Bro73b, Bro62, BPSW91, BVI88, Büh98a, BS79, Ano81, Bur13a, Bur13b, Bur15, Bur64, Bur83, BELG68, Bur18, Bur82, Bur86, Bur38, CGL⁺94, Cam98, Cam99, Cam00, Cam05, Cam09, Cam11, Cam14, Cam19, Car98, Cat93, Cha54, CFMO12, CYM⁺03, CCR⁺03, CLZ99, Cla13, Cla06, Cle81, Coc46, Coc53, Coh88, Coh89, 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, Dyl20a, Ear66, Eic72]. **Rutherford** [ESWW82, Eld85, Ell60, EFKS96, ESRDV84, ERM95, EMVK90, EC38, Eve39, Eve13, Far63a, Far87, Fea40, Fea62a, Fea62b, Fea72, Fea73a, Fea73b, Fea77, FLK92, FR13b, FR13c, FR13d, FR13a, FR13f, FR13e, FR13g, FR13h, FGM⁺00, Fla17, Flo70, Foc39, Fow72, Fow83, Fre12, FLP⁺89, FTT96, FIY⁺99, Ful13, GHCA91, GW73, Gar62, Gea61, Gei38b, Geo38, GR89, Goo10, Gor55, Gra02, GC00, Gre07, Gri09, Gro89, Gué38, GRS⁺91, HM31, Hah62, Hah67a, HV84, HRM79, HHAMS93, HFD⁺99, HKH96, HNS⁺11, Hau82, Hei68, Hei79b, Hei81, Hei03, Hei67, Her84, Her77, MKM⁺07, HKM⁺09, Hes00, Hil17, Hon98, Hop21, How58, HW92, HZ15, HBA77, Hub13, Hug08, Hug12, HGM⁺94, Hwa82, IYT⁺09, IFSI94, Ish83, IOI⁺11, Jac72, Jak79, Jar08b, Jen11, JBS12, Kae39, Kap73a, Kap66a]. **Rutherford** [Kap66b, Kap73b, Kap80b, Kap80c, Kap80d, Kap80e, KB93, Kat12, Kat15, Kay63, KLL⁺90, KKK⁺99, KOhM94, KBvB⁺05, KSKF93, KIS⁺89, KY11, Kot91, KG91, Kra12, Kri19c, Kri19d, Kri19e, Kru75, KKGW85, KS76, LHB⁺09, Lab38, Lai37, LHNG14, Lau37, LRF86, LGA⁺06, Lee98, LSK⁺88, LSN⁺09, LDLM91, Lew72, Lia80, LGF⁺99, LEM65, LMC97, LxW99, Liv62,

Lon16c, Lon16d, Lon16b, Lor88, Low79, Lu87, LCL⁺04, Lüd13, MDJF83, Mac11, MD69, MB90, Man82, Man76, Man77, Mar61, Mar72, Mar38, Mar54, MM03, MCJK90, Mas72, McC19, McG84, McK62, Mec14, MSB⁺37, MBS⁺04, MMKS⁺80, Moo74, Moo78, Mor75, Mot63, Mot72, Mur13, NJS⁺03, NFM⁺07, NOSK08, NOH⁺10, NMSK13, NL00, Nor79, NBG⁺84, O'S71, O'S72, Oeh86, OHN⁺09, OaHNM98, Oli47, Oli72a, Oli72b, Oli84, Oli85a, Opp64, OH64].

Rutherford [Pae15b, Par96, PAF⁺98, Pei88, Pei97a, Pei10, PPA⁺02, PBFt83, Phi83, PNFO88, Pip01, Pod10b, Pol60, PMCF⁺06, PCK⁺08, Rad13, RRKH94, RR95, Ram75, RMM⁺13, RCRC04, RFF⁺01, RSdS⁺89, Ree08, Rei79, LFA⁺04, Rei71, REJ86, Reu81, RSWE27, Ril70, Rit92, RCO⁺54, Rom97, Rot74, Row55, Row57, Rus37, Rus51, Rut26a, Rut27k, Rut29f, SSWB80b, SSWB80a, Sad81, Sar79, SER⁺01, See65, Seg80b, Sei86, SHAI09, SC13, SBEO86, Sha87b, SN05, SWZ⁺05, Sha37, She83a, SCP⁺91, Shi72, Sho82, STB⁺01, Sie11, Sim82, Sin93, Sku89, SLA⁺00, SDD⁺08, Sme97b, Sme97a, Sno58, Sno67, Sno68, Sod02, Sod03, SR37, Sta61, SN67, SHCK96, Stu79b, Stu85, Stu86b, Stu00, SML91, Sut01, SPL⁺08, Tab97, TvBO⁺92, TMO⁺95, TCZY97, TJ11, TF89, Tem89, Ter38, Ter67, Tes19]. **Rutherford** [TMJ⁺99, Tho08a, Tho08b, Tho84, TGP11, Tho65, Tho70, Til96, Tiz46a, Tiz46b, Tod14, TGDS99, TJRS03, Tre71a, TGMR74, Tre74a, Tre74b, Tre75d, Tre76b, Tre77b, Tre79a, Tre79b, Tre83, VPW14, Vas90, Vil05, VV09, WCGC86, WZS⁺91, Wan96, Wei11, WV07, Wer23, WMT01, Whi82, Wic65, Wie78, Wil15, Wil74, Wil83b, Wil83a, WVCW76, Win94, WM88, WVD⁺96, WVH⁺99, WYV⁺99, WCZ⁺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]. **Rutherford**s [Tre74b].

S [Ano32b, Ble02, Coh40, Lin40, Lov76, Rut05j, Swa40, RRKH94, LFA⁺04]. **Sallhofer** [Lak96]. **samples** [LGF⁺99]. **Samuel** [Hug08, Kay63]. **Sanctuary** [Rut34k, Rut34n]. **Santilli** [Bur13a, Bur13b, Bur15]. **Satellite** [Stu86b]. **Saturday** [Hil17]. **sawtooth** [TMO⁺95]. **Says** [Ano19, Ano22, Ano23b]. **SbCl** [ESRDV84]. **scale** [Gro89]. **scanning** [FIY⁺99, Ish83, KY11, LHNG14]. **Scattering** [Bau73a, BELG68, Dav71a, Dav71b, DYF67, Ear66, Eic72, Gor55, LEM65, MD69, Mar61, Mar72, Rut11j, Sta61, TGMR74, WMT01, Wic65, Wil74, Agu96, AB09, Bab71, Bar83, BB80, BCM13, BBR80, DM96, DBvdV87, DY68, FLK92, GW73, HFD⁺99, Hei68, Kru75, LGF⁺99, Man77, Pae15b, RR95, RFF⁺01, Rit92, Rut11i, RC27, Rut12, SC13, SML91, TvBO⁺92, TMO⁺95, YHS97, vBD89, vBBGO90, vBBD⁺92, RN13, RC25]. **Scholars** [Rut34n]. **Scholastic** [Ano66d]. **Schrödinger** [Lak96]. **Science** [dCENdCA58, Ano09b, Ano20b, Ano23b, Ano32c, Anoxxb, Anoxxc, Boh61, Cle19, Dea03, Dev91, Dyl20b, Dys05, Eck20, Gen95, Gib19, Glo20, Jew19,

Kha20, Mon66, RN04, Rut33b, Rut36b, Rut36i, Rut36j, Rut36k, Rut37c, Rut38c, SG85, SMJ35a, SMJ35b, Sch57, Sin81, Stu79b, Zim69a, Zim69b, AK11, Bad79a, Ble02, Bod20, Bro62, Car98, Far16, FH60, HT10, Hil17, How58, Jen08, Kat15, Lev17, dAMxx, Mer96, Moo66, NP38, NP40, RCRC90, Ree15b, Rut36g, Won20, Giu12, dAMxx, Rut23p]. **Sciences** [BP70, Hei71, WH72]. **Scientific** [Bal15, Bar05, Bar06, Bru79, Coc63, Dro20, Dyl20b, Eve06, Har07, Har01, Kap80e, Mil13, Rod19, Rut27g, Rut33h, Rut33b, TGMR74, dB32, Bad87, Bey49, Fra05, Hah67b, Osg66, Rez71, Rez72, Wri64, RR87]. **Scientifica** [Cle19, Won20]. **scientifiques** [Mon66]. **Scientist** [Ano37c, Ano38b, Ced00, Clo18, Foc37, Her01a, Her01b, Hub01, RCRC92, Tur01, Ano37d, Cam98, Cam99, Focxx, Kap73a, Pip01, Sat18]. **Scientists** [Ano06, Ano22, Ano32b, Ano33a, Ano37k, DG99, Dys05, Kae36, Seg85, Cat04, Gri09]. **scienza** [Car98]. **scoperta** [Car98]. **scoperte** [Seg76]. **screened** [ST76]. **Se** [Bha82]. **Se-implanted** [Bha82]. **Search** [Cha64, Cho01, Gea14a, Rut37d, Tre71a, Eid48, Lew02]. **Searching** [Lig18]. **sechs** [Sod02]. **sechzigsten** [HM31]. **Second** [Ano23b, HBA77, Jar08a, Stu18]. **second-** [HBA77]. **Secondary** [Reu81, BPSW91, Cle81, CSN⁺00, Gro89, NMSK13, Wil83b]. **Secret** [Ree16, Cam15, Ano32c]. **Secrets** [Ano32a, Wen53]. **section** [Bab71, Far87, LMC97, Wil83b, ZB74, Rut09i, Rut09e]. **sections** [RRKH94, ST76]. **seeds** [Lon16d]. **Seeing** [Dys05, Ree06, Ble99]. **Seen** [Ano32b]. **Sees** [Ano23b]. **segregation** [SHAI09]. **Sehr** [Rut02c]. **Selected** [Rez71, Rez72]. **Self** [Gar81, Stu78, FTT96, 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, Far01]. **several** [HKH96]. **shallow** [CFMO12]. **Shaped** [Gib19, Kae39, Mac11]. **share** [Wal18]. **shared** [Clo18]. **Shattering** [Kae36]. **Shea** [Ano81, Sin81, Stu79b, Whe80]. **Shed** [NL00]. **sheet** [SCP⁺91, SDD⁺08]. **Shields** [Whe18]. **shift** [Far87]. **Shifting** [TGMR74]. **Shifts** [Mar72]. **Shines** [Bah00]. **shook** [Gam85]. **Short** [Gen95, MF11]. **Si** [NJS⁺03, YKH⁺84, AAPN06, CFMO12, DGC07, FTT96, Gro89, KBvB⁺05, KEJ87, Lu87, LCL⁺04, NFM⁺07, SSWB80a, Sad81, TJRS03, WZS⁺91, WCZ⁺02, Yuh92, ZWJ⁺02, vIS89, vdK89]. **Si-depth** [vIS89]. **Si-Rich** [KEJ87]. **sic** [Ano09a, BKP⁺06, KIS⁺89, SPL⁺08, ZWJ⁺02]. **SiD** [YKH⁺84]. **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, WCGC86, Wan96]. **silicon/nitride** [ATS86]. **silver** [LRF86, TGP11]. **Simple** [Sei86, Stu85, Tre85, FLK92, Wil83a]. **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, Osg66, Rut27e, Rut27j, Rut28a, Rut28g, Rut29j, Rut29k, Rut29f, Rut30a, Rut30h, Rut31a, Rut31e, Sch31, Seg62, Seg64, Seg66, Ano19, Ano23b, Boh26, Bro97, FR13i, Gar62, RSWE27, Rut26a, Seg80c]. **site** [Ano18b, RSdS⁺89]. **situ** [HV84, KKGW85, NFM⁺07, SBEO86, WM88]. **six** [Sod02]. **Sixteenth** [Rut36h]. **sixtieth** [HM31]. **Sixty** [FR13j]. **skilled** [Fla17]. **Skłodowska** [DMPA08]. **Skłodowska-Curie** [DMPA08]. **Skurrile** [Arr06]. **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** [Ano18e, Gib19, Rut36k, SG85, Gri09, RCO⁺54, Rut36j]. **Soddy** [Ano09b, Fle57, Gar81, How58, Kau86, Mon66, Stu78, Ano10, Asi64, Ble02, Coh97, Far63b, Fre79, Gan18b, Gus12, How58, Jen85, Ken63, Mer96, Pan57, Pan64, Rus56b, Rus56a, Rus61, Tan77, TG36, Tre71a, Tre77b, Whe04, Wil64, Wil69]. **Soft** [RdCENdCA14a, Rut14f, SER⁺01]. **softened** [TGP11]. **Solar** [Ree06]. **sole** [Ril70]. **Solid** [CFMO12, DJBW83]. **Solution** [Ano32a]. **Solutions** [Rut05d]. **Solvay** [CCJ⁺34, Far01, CCJ⁺34, Str11]. **Some** [dCA68, Ano23b, Boh61, Cha64, Dal50, Eve06, Fea77, Hah62, Har07, Lew72, OKR35a, Oli72b, Rut96b, Rut97b, Rut06h, Rut07f, RC12b, Sod03, Zim69b, Rut06i, RC12a, Ano33c, Rut03e, Rut05k, Rut05m, Rut06j, Rut08i, Zim69a]. **Sommerfeld** [Lak96]. **son** [Jen08]. **sonar** [Kat12]. **sorta** [Sno68]. **Sought** [Kae36]. **Sound** [BR16, Lüd13, Rut15d]. **source** [CGL⁺94, DJA⁺04]. **Sources** [GLR06, KHFA67, Rut06b, Rut06n, RC24c]. **sous** [CCJ⁺34]. **Soviet** [Ano37k, Ano37l, FH60]. **Sovremennaja** [Rez38]. **Sowjetische** [FH60]. **Soyuz** [Spe19]. **space** [Bro18, Dun18, Spe19, 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, FIY⁺99, Her84, Hwa82, Hwa83, IYT⁺09, IFSI94, KB93, KKK⁺99, KKGW85, LRF86, LDLM91, Lia80, LxW99, MCJK90, MBS⁺04, Par96, PAF⁺98, PNFO88, PMCF⁺06, PCK⁺08, RRKH94, RMM⁺13, Reu81, SBEO86, 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, HFD⁺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, Sku89, 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** [Gib19, Cam79, Dys05]. **Split** [Ano32c, Dys05, Cat04, She17]. **Splitting** [Gar81, Stu78, Ano37d, Rez23, Tre77b, Whe18]. **spotted** [Oak19]. **Spread** [Zim69a, Zim69b, Wan96]. **Spriel** [Mon66]. **sputter** [Bur86]. **sputter-deposited** [Bur86]. **sputtered** [Cat93, DHS97, GC00]. **sputtering** [Rei79, WM88]. **SrTiO** [HGM⁺94]. **St** [Rut05c]. **Stability** [Rut20f, Rut21f, PMCF⁺06, Rut25d, Rut25e]. **stabilizing** [PCK⁺08]. **Stable** [Hes00]. **stage** [Nix19]. **stages** [DGC07]. **stainless** [Whi82]. **Stalin** [Sno67, Sno68]. **Stand** [Ano31a]. **Standard** [Rut13a, Rut11b, Rut14j, Sku89, Rut14l]. **Standards** [CDE⁺31a, CDE⁺31b, CDE⁺31c, Rut10e]. **Standpoint** [Sod04]. **Stars** [Lig18]. **State** [RCW⁺26, Hei79a]. **States** [BB36]. **Stationary** [BB36]. **Statistical** [VV09]. **statistics** [GRS⁺91]. **steel** [Whi82]. **Step** [Gen95]. **Stephen** [Mon66, Ano18f, Sat18, Wal18]. **Sternstunden** [Büh98b]. **Steve** [Whe18]. **Stevens** [Bru79]. **Steward** [Ano45]. **Stewart** [Fos49, Sei86, dR92]. **still** [Kae48]. **Stillborn** [Tre75d]. **Stockholm** [Ano08e]. **Stoichiometric** [ESRDV84]. **stoichiometry** [GHCA91, Ish83]. **Stoney** [O'H75]. **stopping** [SBE086]. **Stores** [Ano23b, Ano32a]. **Story** [Cam09, Fea77, Jor16, Kra18, Mar20, Mon66, Sod49, Ano19a, Eva39a, Eva39b, Fea79, Gam85, How58, Nix19, Ree15a, Mon66, Kri20]. **Stoughton** [Stu85]. **stragglings** [WZS⁺91]. **Strahlen** [RG02a, Rut02c, Rut06i, Rut31d, Rut31c]. **Strahlungen** [Rut13b, Rut13g, Mec14]. **Strain** [NJS⁺03, WYV⁺99, LCL⁺04, WVH⁺99]. **Strange** [Jor16]. **Straßmann** [CSW97, CSW97]. **Straus** [Dys05]. **Strength** [Mot63]. **stroenie** [Rez21]. **strong** [Ano04]. **Structural** [LDLM91, KIS⁺89, Tho84]. **Structure** [Bro73b, CCJ⁺34, Gam29a, Hon98, Hon03, KH23, Nia98, RN04, Rus56a, Rut11j, Rut13c, Rut13d, Rut13h, Rut14a, Rut14b, Rut14c, Rut23l, Rut23r, Rut23q, Rut26h, Rut27a, Rut27b, Rut27c, Rut27d, Rut27h, RAC⁺29, RCE⁺32, RJ65, Rut70e, 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, Rut27l]. **structures** [NMSK13, SSWB80b, SSWB80a]. **Struktur** [Rut24a, Rut24b]. **strukture** [Rez29, Rez32]. **Stuart** [Lov75]. **Student** [BELG68]. **Studied** [OaHNm98, ATS86, Bha82, CYM⁺03, Eld85, IFSI94, KBvB⁺05, LCL⁺04, MBS⁺04, SHAI09, Sin93, TGP11, WYV⁺99, WCZ⁺02, Yuh92, ZWJ⁺02]. **Studien** [Mos13b]. **Studies** [Dav71b, FR13g, Rut25f, Rut25g, Rut70g, SHCK96, Tan77, WCGC86, YKH⁺84, Bey49, BBR80, GRS⁺91, Nor79, Oeh86, PAF⁺98, SSWB80a, Sad81, TF89, TMJ⁺99, Whi82]. **Study** [Bau73a, Bau73b, CBZ⁺12, FIY⁺99, Hon98, Ish83, LGA⁺06, LFA⁺04, Rut27i,

AAPN06, Con82, DGC07, FGM⁺00, GC00, HV84, HGM⁺94, IYT⁺09, LxW99, Lu87, NBG⁺84, REJ86, RS03d, SDD⁺08, WVD⁺96, WVH⁺99, vIS89, vdK89].
Studying [dCENdCA58, Dav71a]. **sublattices** [ZWJ⁺02]. **submarine** [BC16, Kat12, Rut15j, Rut15k, Rut15l]. **submarines** [FR18, Rut15f].
Subsequent [Jen85, Fra05, Sad81]. **substance** [Rut00g, Rut00b, Rut00e].
Substances [Cha12, Mil13, Rut00a, Rut01c, Rut02b, Rut08a, RG08a, Rut08f, RR09d, Rut10f, RCE30, RCE51, CR21, Mak08, Rut00f, Rut01b, RB02a, RG02a, Rut02c, RG02b, Rut07h, Rut07j, RG08c, RG09b, RR09b, RR09a, Rut12a, Rut12b, Rut12c, Rut12g, Rut12h, Rut13b, RR13a, Rut13f, Rut13g, RR14, Rut10b, Ano08a, Poo52, Sch31]. **Substanz** [Rut00e]. **Substanzen** [Mec14, RG09b, Rut13b, RR13a, Rut13g, Rut01b, RG02a, Rut02c].
substrate [LCL⁺04]. **substrates** [FIY⁺99, IFSI94, IOI⁺11, PBFt83, TGP11].
Subsurface [DGC07, SSWB80b]. **Subtraction** [Lia80]. **Succeed** [Ano32b].
Success [Ano32a, Bad79b, Tre75d]. **Successful** [Ano08a, Kri19e].
Succession [Rut04l, Rut05p, Rut04i]. **such** [Gri09]. **suggests** [Gan18b].
Suicidal [Bad79b]. **sulfur** [RR95]. **Summary** [Eld85, Tho84]. **Summer** [Ano36a, Ano46a, Hah67a]. **Summer-Time** [Ano46a, Ano36a]. **Sun** [Bah00, Tip13]. **sunshine** [Har05]. **superconducting** [FLP⁺89].
Superconductors [CLZ99]. **Superheavy** [Kra13, Kra18]. **superlattices** [Sar79]. **supersonic** [Rut16e]. **Supports** [WMT01]. **suppression** [HZ15].
supreme [Cam98, Cam99, Pip01, Ced00, Her01a, Her01b, Hub01, Tur01].
Surface [CGL⁺94, Dav71b, MKM⁺07, NOSK08, NMSK13, Nor79, RC03, SHCK96, Tho84, CBZ⁺12, FLP⁺89, GHCA91, KBvB⁺05, NOH⁺10, OHN⁺09, SLA⁺00, Yuh92]. **Surfaces** [Dav71a, MD69]. **Surfactants** [LGA⁺06]. **surprised** [Tre83]. **surveillance** [BC16]. **Survey** [Dav37, Rut34g]. **sustained** [And73]. **Svedberg** [Mos13b]. **Swift** [CW32, Moo78]. **switchable** [SHAI09]. **symmetric** [RFF⁺01]. **Symposium** [Meh73, Tre75b, Wyb72, Stu79a, Stu79b]. **synthesis** [Rut34g]. **synthesized** [KKK⁺99, WVD⁺96]. **System** [Ree06, vdB07, vdB13, AAPN06, Eld85, HFD⁺99, HKH96]. **systems** [PCK⁺08, RMM⁺13].

T [Ano32b, Sei86, Sen87, Stu85, Tre75a]. **T.** [Ano36a, Ano46a]. **Ta/GaAs** [Eld85]. **table** [Kra13]. **taken** [CSW97]. **tale** [CSW96]. **Talk** [Rut08g, Rut15i]. **Talks** [Kap74]. **Tanganyika** [SWS65]. **tank** [Mor18].
Taylor [Clo18]. **Te** [Con82, CBZ⁺12, Win94, Wuy91]. **teacher** [Kap73a].
teaching [Wil74]. **teamwork** [Bod20]. **Technical** [Ole81, Low79].
Technique [Hon03, WMT01, CCR85]. **Techniques** [Bad68, NBG⁺84, PBFt83, SSWB80b, Yuh92]. **Technologies** [Gus12, BC16].
Technology [Anoxxc, KT84, Mor18, Mor75]. **Teil** [RS02b, RS02a]. **Teilchen** [RG09b, Rut31d, Rut31c, vdB07, RR13a, Tre74b]. **Teilchens** [Rut07g, Rut08c, Rut08d, RG09a]. **telluride** [Man82]. **Temperament** [SMJ35a, SMJ35b]. **Temperatur** [Rut01b]. **Temperature** [RP07, Rut30i, Bha82, DGC07, DBvdV87, FLP⁺89, LCL⁺04, Rut01b, vBBGO90, vBBD⁺92].

temperatures [vBD89]. **ten** [Ano18c, DMPA08, NP38, NP40]. **tens** [HKH96]. **tenu** [CCJ⁺34, LRdB⁺23]. **term** [Gan18b]. **Terms** [Mar72]. **Test** [Ree06]. **Tests** [Ano32b]. **tetrafluoroethylene** [EMVK90]. **tetragonal** [WCZ⁺02, ZCS⁺12]. **Texas** [Wei90]. **Textbooks** [Nia98, NM12, RN04]. **TEXTOR** [TvBO⁺92, vBGO90]. **Thaddeus** [Gar81, Stu78]. **Thales** [Lak96]. **Theater** [Hil17]. **Their** [Hon98, Kae36, Mil13, Ole81, Rut19a, Cla13, Mak08, PMCF⁺06, Rez28, Rut11e, Rut12g, Rut13b, Rut13f, Rut13g, Rut23a, Rut23b, Rut23c, Rut23d, Rut23e, Rut23f, Rut23g, Rut23h, Rut23i, Rut23j, Rut26f, Rut26g, Rut30b, Rut30c, Rut30d, Rut30e, Rut32a, RB32, Rut70a, Seg80a]. **Theoretical** [Hon98, Lon03, Meh73, Hei34]. **Theorie** [Rut09b, Rut09c, vW35]. **théoriques** [Hei34]. **Theorist** [SM08]. **Theory** [Ang00, Ano32b, Gea14a, Kap74, Kap80a, KH23, Mon66, Mot72, Rut10f, Rut11a, Rut29i, Rut37g, Rutxx, Sod04, Tre71b, Tre71a, Tre75c, Tre75d, Cha76, Cli65, Cli87, Gam28, Gam29b, Gam85, Hou30, Lev17, Pol60, Rut09k, Rut09b, Rut09c, Rut36f, Rut36h, Sch57, vW35]. **Therapy** [Sla13]. **there** [Spe19]. **thermal** [GHCA91, Lu87, PMCF⁺06]. **Thermodynamics** [Kle66]. **thick** [ZCS⁺12]. **thickness** [CSN⁺00, CCR85]. **Thin** [JBS12, LHB⁺09, Mar61, SCP⁺91, And90, Bur86, Cat93, DHS97, DJBW83, FGM⁺00, FIY⁺99, GR89, HV84, IFSI94, IOI⁺11, KKK⁺99, PBFt83, Reu81, Sim82, SDD⁺08, TMJ⁺99, WVCW76]. **Thin-film** [SCP⁺91, HV84, Sim82]. **things** [Bat72, Bro18, Mor18]. **third** [HBA77]. **third-power** [HBA77]. **thirteen** [Bey49]. **thirties** [Hen84, Sei86, Stu85]. **Thirty** [Gam85, Rut33h]. **thirty-fifth** [Rut33h]. **Thomas** [Dea03]. **Thomson** [Kra14b, Lak96, Rön58, Whe04, Kub11]. **Thorium** [FR13e, HS89, RO99, Rut00a, RS02c, RS02i, RW16, RWWW30, RWL31b, ESWW82, Flo70, GF10, Rut00g, Rut00b, Rut00c, Rut00e, Rut00f, RS02d, RS02e, RS02f, RS02k, RS02j, RS02l, RS02m, RS03d, RH06b, Rut11d, RR13b, Rut16d, Rut21g]. **Thoriumverbindungen** [Rut00e]. **those** [RCO⁺54]. **Thousand** [Ano22]. **threat** [BC16]. **Three** [And73, Eid48]. **Thus** [Ano32b]. **Ti** [Cat93, FGM⁺00, KKK⁺99, PCK⁺08, SCP⁺91]. **TiCN** [PMCF⁺06]. **Tiger** [Gus12]. **Time** [Ano46a, Ano17, Kay63, Ano36a, DJA⁺04, Hah62, HKH96, Hei79b, Lev17, NMSK13, Sat18, SDD⁺08]. **time-of-flight** [DJA⁺04, HKH96]. **Timeline** [Whe18]. **times** [Bre97, Cro01, Stu79b]. **Tin** [KT84, NL00, PNFO88, PMCF⁺06, SER⁺01, SCP⁺91]. **Tinsley** [Cot10]. **TiNx** [Kot91]. **TiNx/TiSiy** [Kot91]. **TiNy** [Gro89]. **TiO** [LFA⁺04]. **tip** [Tab97]. **TiSiy** [Kot91]. **TiSiz** [Gro89]. **titanium** [Bur86, NFM⁺07, Vas90]. **titled** [Mon66]. **Today** [Mas72]. **tokamak** [vBBD⁺92]. **Told** [Ano33a, Nix19]. **Tomography** [WMT01]. **Tondokument** [Lüd13]. **Tonspurerhaltung** [Lüd13]. **Tool** [vG95]. **Top** [Kha20, Ano18c]. **topography** [SLA⁺00]. **Torn** [Ano32b]. **torus** [RFF⁺01]. **total** [KBvB⁺05]. **total-reflection** [KBvB⁺05]. **Townsend** [Ble02]. **Traced** [Ano06]. **traduction** [Mon66]. **Traité** [Cur10]. **transform** [TGDS99]. **Transformation** [Ano33b, Mos12a, Rut05i, Rut11g, Rut26f, Rut28d, Rut28e,

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[Bur64]. **UO** [Tho84]. **Upcoming** [Ben20]. **upon** [Rut04c, Rut04d, RR08d]. **Upper** [RCW⁺26, Kra13]. **Upset** [Ano32b]. **Uranic** [Gen95]. **Uranium** [HS89, RO99, Rut00d, RS03c, RB05b, RB06a, RB06b, Rut66b, SL90, GF10, HS39, Hol30, Rut03d, RB05a, Rut99]. **Urans** [HS39]. **Ursache** [RS02b, RS02a]. **Ursprung** [Rut08b]. **Use** [Con82, Dav71b, Ear66, HW92, LGF⁺99, Mos13a, Ale46, Gro89, HKH96, Rut11e]. **Used** [Ano32b]. **Useful** [Dav71a, MD69]. **Using** [Eic72, NOSK08, SHCK96, Bar85, BPSW91, CGL⁺94, CFMO12, Cle81, CBZ⁺12, ESRDV84, FTT96, Ish83, KKGW85, NFM⁺07, NOH⁺10, NMSK13, OHN⁺09, PCK⁺08, STB⁺01, Sku89, Tho84, WV07, vdK89]. **Utilization** [Sim82]. **Utilize** [Rut24i].

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wave-length [Rut14f]. **Wave-particle** [NM12]. **Wavelength** [RdCENdCA14a]. **Waves** [Rut96b, Rut97b, Rut26g, Rut96a, Rut16e]. **Way** [Ano22]. **Wayne** [McD19]. **ways** [Rut15f]. **Weak** [Rut05d]. **weapons** [Bad05, CAN88, Mor18]. **Website** [Gra02]. **Weiss** [Pia24, Büh98a]. **Well** [Ano07, MDJF83]. **Well-Known** [Ano07]. **Wells** [Sno67, Sno68, PPA+02]. **werden** [CSW97]. **were** [Bey49, Mor18]. **Westin** [Wel90]. **Westminster** [Ano37j, Wal18]. **wharenui** [O’C17]. **Where** [She17]. **Which** [Ano08a]. **Whirl** [Ano23b]. **Whitworth** [Ano09a]. **Who** [Kat12, Spe19, Bat72, Cli87, Clo18, Fei11, RCO+54]. **whom** [Ano08g]. **Whose** [Kae39]. **wie** [Büh98a]. **will** [Wal18]. **William** [Ole81, Sin81, Stu79b, Whe80, Hug08, Jen08, Ole81]. **Williams** [Ano12a]. **Wilson** [Bru79, Sei86, Stu85, Tre85]. **window** [SWZ+05]. **Winner** [Ano37i, Ano09a, Lau37, Tho08b]. **Winners** [Ano99, Ano16, Far53, Far63c]. **Winnipeg** [Rut09e]. **wins** [Wil17]. **Winston** [Sno67, Sno68]. **Within** [Jen85, Dem03]. **Without** [Ano19, Ano32c, Jen85, Ten20]. **Woman** [RC04, RCRC05, Ged16]. **women** [RCRC90]. **Won** [Dys05, Cat04]. **Wood** [Ano12a, dB14, McD19]. **Worcester** [VRWB12]. **Work** [Ano32b, Ano37i, Boh61, Kap80e, Kle66, Lau37, Mar54, Rut25c, Ano09a, Coc46, Gei38a, Hou30, NBG+84, Rut05j, Rut33j]. **workers** [Sod02, Sod03]. **working** [Nix19, Oli84]. **works** [dAMxx, Won20]. **World** [Ano32c, Ano33a, Anoxxd, Arr06, BM66, BC16, Cle19, Dyl20a, Kri19e, Stu18, Ber07, Jak79, Mac11, Mer96, Moo66, Mor18, Seg80b, Bad05, Hag17]. **Worthies** [dB32]. **Wounds** [Sta03]. **wrath** [VPW14]. **writings** [Low79, Ole81, Ole81]. **Written** [Ano38b]. **wrote** [Ged16]. **WW1** [Mor18]. **Wybourne** [Tre75b].

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[Rut05o, Rut14i]. **XXXVIII** [Rut14j].

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wireless stations hundreds of miles apart and also made to operate loud-speakers at overflow meetings . . . Perhaps the most amazing result of the experiment was that the sound of the speaker's voice was heard in the North of Scotland before it reached those who were sitting in the back of the hall in which he was actually speaking."

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Anonymous:1937:LRb

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Anonymous:1937:LRP

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Anonymous:1937:NPT

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Anonymous:1945:AKS

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Anonymous:1966:RSEa

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- [Rut22o] Ernest Rutherford. Radioactivity [Part VI]. *Engineering (London, UK)*, 113(?):464–466, April 1922. CODEN ENGNA2. ISSN 0013-7782.
- Rutherford:1922:EMc**
- [Rut22p] Sir Ernest Rutherford, F.R.S. Electricity and matter. *The Electrical Review (London)*, 90(2326):893–896, June 23, 1922. CODEN ELREAG. ISSN 0013-4384. URL <http://archive.org/stream/electricalreview90lond#page/893/mode/1up>; <http://hdl.handle.net/2027/nyp.33433090837513?urlappend=%3Bseq=433>. Abstract of thirteenth Kelvin Lecture, delivered at the Institution of Electrical Engineers.
- Rutherford:1923:APTa**
- [Rut23a] Ernest Rutherford. Atomic projectiles and their properties. *Engineering (London, UK)*, 115(?):242–243, March 1923. CODEN ENGNA2. ISSN 0013-7782.
- Rutherford:1923:APTb**
- [Rut23b] Ernest Rutherford. Atomic projectiles and their properties. *Engineering (London, UK)*, 115(?):264–266, March 1923. CODEN ENGNA2. ISSN 0013-7782.

Rutherford:1923:APTc

- [Rut23c] Ernest Rutherford. Atomic projectiles and their properties. *Engineering (London, UK)*, 115(?):306–308, March 1923. CODEN ENGNA2. ISSN 0013-7782.

Rutherford:1923:APTd

- [Rut23d] Ernest Rutherford. Atomic projectiles and their properties. *Engineering (London, UK)*, 115(?):338–340, March 1923. CODEN ENGNA2. ISSN 0013-7782.

Rutherford:1923:APTe

- [Rut23e] Ernest Rutherford. Atomic projectiles and their properties. *Engineering (London, UK)*, 115(?):358–359, March 1923. CODEN ENGNA2. ISSN 0013-7782.

Rutherford:1923:APTf

- [Rut23f] Ernest Rutherford. Atomic projectiles and their properties. *Engineering (London, UK)*, 115(?):798–800, June 1923. CODEN ENGNA2. ISSN 0013-7782.

Rutherford:1923:APTg

- [Rut23g] Ernest Rutherford. Atomic projectiles and their properties. *The Electrician: the Oldest Weekly Illustrated Journal of Electrical Engineering, Industry, Science and Finance*, 90(?):366–367, April 1923. CODEN ELETAU. ISSN 0367-0805.

Rutherford:1923:APTg

- [Rut23h] Ernest Rutherford. Atomic projectiles and their properties. *The Electrician: the Oldest Weekly Illustrated Journal of Electrical Engineering, Industry, Science and Finance*, 91(?):60–61, July 1923. CODEN ELETAU. ISSN 0367-0805.

Rutherford:1923:APTi

- [Rut23i] Ernest Rutherford. Atomic projectiles and their properties. *The Electrician: the Oldest Weekly Illustrated Journal of Electrical Engineering, Industry, Science and Finance*, 91(?):120–121, August 1923. CODEN ELETAU. ISSN 0367-0805.

Rutherford:1923:APTj

- [Rut23j] Ernest Rutherford. Atomic projectiles and their properties. *The Electrician: the Oldest Weekly Illustrated Journal of*

Electrical Engineering, Industry, Science and Finance, 91(??):144–145, August 1923. CODEN ELETAU. ISSN 0367-0805.

Rutherford:1923:CLE

- [Rut23k] Ernest Rutherford. Capture and loss of electrons by alpha particles. *Proceedings of the Cambridge Philosophical Society. Mathematical and physical sciences*, 21(??):504–510, ??? 1923. CODEN PCPSA4. ISSN 0008-1981.

Rutherford:1923:ESMa

- [Rut23l] Ernest Rutherford. The electrical structure of matter. *Nature*, 112(2811):409–419, September 15, 1923. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL <http://www.nature.com/nature/journal/v112/n2811/pdf/112409a0.pdf>.

Rutherford:1923:LHPa

- [Rut23m] Ernest Rutherford. Life-history of an α particle. *Engineering (London, UK)*, 115(??):769–770, ??? 1923. CODEN ENGNA2. ISSN 0013-7782.

Rutherford:1923:LHPb

- [Rut23n] Ernest Rutherford. The life history of an α -particle. *Nature*, 112(2808):305–312, August 25, 1923. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL <http://www.nature.com/nature/journal/v112/n2808/pdf/112305a0.pdf>.

Rutherford:1923:LP

- [Rut23o] Ernest Rutherford. The life of an α -particle. *The Electrician: the Oldest Weekly Illustrated Journal of Electrical Engineering, Industry, Science and Finance*, 91(??):194–195, ??? 1923. CODEN ELETAU. ISSN 0367-0805.

Rutherford:1923:PAB

- [Rut23p] Ernest Rutherford. Presidential address: British Association for the Advancement of Science. *Bulletin of the American Association of University Professors*, 9(8):58–60, December 1923. CODEN ??? ISSN 0883-1610 (print), 2330-5908 (electronic).

Rutherford:1923:ESMc

- [Rut23q] Professor Sir Ernest Rutherford. The electrical structure of matter. *Journal of the Society of Chemical Industry, London*, 42(37):874–882, September 14, 1923. CODEN JSCIEN. ISSN 0368-4075. URL <http://onlinelibrary.wiley.com/doi/10.1002/jctb.5000423703/abstract>.

Rutherford:1923:ESMb

- [Rut23r] Sir Ernest Rutherford. The electrical structure of matter. *Science*, 58(1499):209–221, September 21, 1923. CODEN SCIEAS. ISSN 0036-8075 (print), 1095-9203 (electronic). URL <http://adsabs.harvard.edu/abs/1923Sci...58..209R>; <http://www.sciencemag.org/content/58/1499/209>.

Rutherford:1923:PAE

- [Rut23s] Professor Sir Ernest Rutherford, D.Sc., LL.D., Ph.D., F.R.S. Presidential address: The electrical structure of matter. *British Association for the Advancement of Science, Report*, ??(??):1–24, ??? 1923. CODEN BAASAX. ISSN 0365-8694. URL <http://biodiversitylibrary.org/page/30498814>. Report of the 91st meeting, Liverpool, September 12–19, 1923.

Rutherford:1924:ESMa

- [Rut24a] Ernest Rutherford. Die elektrische Struktur der Materie. (German) [The electrical structure of matter]. *Naturwissenschaften*, 12(1):1–14, January 1924. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic). URL <http://adsabs.harvard.edu/abs/1924NW.....12....1R>.

Rutherford:1924:ESMb

- [Rut24b] Ernest Rutherford. Die elektrische Struktur der Materie. (German) [The electrical structure of matter]. *Strahlentherapie*, 16(??):883–913, ??? 1924.

Rutherford:1924:EDR

- [Rut24c] Ernest Rutherford. Early days of radioactivity. *Journal of The Franklin Institute*, 198(3):281–290, September 1924. CODEN JFINAB. ISSN 0016-0032 (print), 1879-2693 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0016003224903462>.

- [Rut24d] Ernest Rutherford. The nucleus of the atom. *Engineering (London, UK)*, 117(?):458–459, April 1924. CODEN EN-GNA2. ISSN 0013-7782.
- [Rut24e] Ernest Rutherford. Properties of gases in high and low vacua. *Engineering (London, UK)*, 117(?):330, March 1924. CODEN ENGNA2. ISSN 0013-7782.
- [Rut24f] Ernest Rutherford. Properties of gases in high and low vacua. *Engineering (London, UK)*, 117(?):365–366, March 1924. CODEN ENGNA2. ISSN 0013-7782.
- [Rut24g] Ernest Rutherford. Properties of gases in high and low vacua. *Engineering (London, UK)*, 117(?):387, March 1924. CODEN ENGNA2. ISSN 0013-7782.
- [Rut24h] Ernest Rutherford. Properties of gases in high and low vacua. *Engineering (London, UK)*, 117(?):429, March 1924. CODEN ENGNA2. ISSN 0013-7782.
- [Rut24i] Sir Ernest Rutherford. The energy in the atom: Can man utilize it? *Popular Science Narratives*, 2(?):109–111, ??? 1924.
- [Rut24j] Sir Ernest Rutherford. Life history of an alpha particle from radium. *The Scientific Monthly*, 18(4):337–353, April 1924. CODEN SCMOAA. ISSN 0096-3771 (print), 2327-7513 (electronic). URL <http://adsabs.harvard.edu/abs/1924SciMo..18..337R>; <http://www.jstor.org/stable/7283>.
- [Rut24k] Professor Sir Ernest Rutherford, F.R.S. The natural and artificial disintegration of the elements. *The Scientific Monthly*, 19(6):561–578, December 1924. CODEN SCMOAA. ISSN 0096-3771 (print), 2327-7513 (electronic).

URL <http://adsabs.harvard.edu/abs/1924SciMo..19..561R>; <http://www.jstor.org/stable/7231>.

Rutherford:1924:XCL

- [Rut24l] Professor Sir Ernest Rutherford, F.R.S. XXIV. The capture and loss of electrons by α particles. *Philosophical Magazine (6)*, 47(278):277–303, February 1924. CODEN PHMAA4. ISSN 1941-5982 (print), 1941-5990 (electronic). URL <http://www.tandfonline.com/doi/abs/10.1080/14786442408634367>.

Rutherford:1924:NADa

- [Rut24m] Sir Ernest Rutherford, Kt., D.Sc., LL.D., Ph.D., D.Phys., F.R.S. The natural and artificial disintegration of the elements. *Journal of The Franklin Institute*, 198(6):725–744, December 1924. CODEN JFINAB. ISSN 0016-0032 (print), 1879-2693 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0016003224904510>.

Rutherford:1925:DAN

- [Rut25a] Ernest Rutherford. Disintegration of atomic nuclei. *Nature*, 115(2892):493–494, April 4, 1925. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL <http://www.nature.com/nature/journal/v115/n2892/pdf/115493a0.pdf>.

Rutherford:1925:EM

- [Rut25b] Ernest Rutherford. Electricity and matter. *The Scientific Monthly*, 20(2):121–128, February 1925. CODEN SCMOAA. ISSN 0096-3771 (print), 2327-7513 (electronic). URL <http://www.jstor.org/stable/7117>.

Rutherford:1925:MWX

- [Rut25c] Ernest Rutherford. Moseley's work on X-rays. *Nature*, 116(2913):316–317, August 29, 1925. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL <http://www.nature.com/nature/journal/v116/n2913/pdf/116316a0.pdf>.

Rutherford:1925:SAA

- [Rut25d] Ernest Rutherford. The stability of atoms. *Discovery: The Popular Journal of Knowledge*, 6(?):402–403, March 1925. URL <http://hdl.handle.net/2027/mdp.39015031957932>.

Rutherford:1925:SAb

- [Rut25e] Ernest Rutherford. The stability of atoms. *Journal of the Royal Society of Arts*, 73(3773):389–403, March 13, 1925. CODEN JRSAA4. ISSN 0035-9114. URL <http://www.jstor.org/stable/41357678>.

Rutherford:1925:SANa

- [Rut25f] Ernest Rutherford. Studies of atomic nuclei. *Engineering (London, UK)*, 119(??):437–438, April 1925. CODEN ENGNA2. ISSN 0013-7782.

Rutherford:1925:SANb

- [Rut25g] Sir Ernest Rutherford. Studies of atomic nuclei. *Science*, 62(1601):209–211, September 4, 1925. CODEN SCIEAS. ISSN 0036-8075 (print), 1095-9203 (electronic). URL <http://adsabs.harvard.edu/abs/1925Sci...62..209R>; <http://www.jstor.org/stable/1649947>; <http://www.sciencemag.org/content/62/1601/209>.

Rutherford:1925:TR

- [Rut25h] Sir Ernest Rutherford. [trip report]. *Sydney Morning Herald*, ??(??):??, 1925. Written sometime between July and December 1925, and cited in [Wil83a, page 462], as “one of the most monumentally dull pieces of writing that anyone could imagine — indeed it seems almost immature, and might have been written by a rather uninteresting child of fifteen.”

Rutherford:1925:ESM

- [Rut25i] Professor Sir Ernest Rutherford, D.Sc., LL.D., Ph.D.F.R.S. The electrical structure of matter. *Smithsonian Institution, Annual Report*, 1924:161–185, 1925. CODEN SIAPAT. ISSN 0097-644X. URL <http://www.biodiversitylibrary.org/page/8803463>. For year ending 30 June 1924.

Rutherford:1926:LSE

- [Rut26a] E. Rutherford. A letter from Sir Ernest Rutherford. *Sigma Xi Quarterly*, 14(4):77–78, December 1926. CODEN SXQUAP. ISSN 0096-977X (print), 2327-7548 (electronic).

Rutherford:1926:ARAA

- [Rut26b] Ernest Rutherford. Alpha rays and atomic structure [Part I]. *Engineering (London, UK)*, 123(??):375–376, April 1926. CODEN ENGNA2. ISSN 0013-7782.

Rutherford:1926:ARAb

- [Rut26c] Ernest Rutherford. Alpha rays and atomic structure [Part II]. *Engineering (London, UK)*, 123(??):409–410, April 1926. CODEN ENGNA2. ISSN 0013-7782.

Rutherford:1926:ARAc

- [Rut26d] Ernest Rutherford. Alpha rays and atomic structure [Part III]. *Engineering (London, UK)*, 123(??):460–461, April 1926. CODEN ENGNA2. ISSN 0013-7782.

Rutherford:1926:ARAd

- [Rut26e] Ernest Rutherford. Alpha rays and atomic structure [Part IV]. *Engineering (London, UK)*, 123(??):492–493, April 1926. CODEN ENGNA2. ISSN 0013-7782.

Rutherford:1926:ANT

- [Rut26f] Ernest Rutherford. Atomic nuclei and their transformation (12th Guthrie Lecture, 25 Feb 1927). *Proceedings of the Physical Society, London*, 39(1):359–372, 1926. CODEN PP-SOAU. ISSN 0959-5309 (print), 2051-2171 (electronic). URL <http://stacks.iop.org/0959-5309/39/i=1/a=332>.

Rutherford:1926:EWT

- [Rut26g] Ernest Rutherford. Electric waves and their propagation. *Nature*, 118(2979):809–811, December 4, 1926. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL <http://www.nature.com/nature/journal/v118/n2979/pdf/118809a0.pdf>.

Rutherford:1926:ESM

- [Rut26h] Ernest Rutherford. *The Electrical Structure of Matter*. ????, 1926. ??? pp. LCCN Q11 .S66 1924.

Rutherford:1926:RGAa

- [Rut26i] Ernest Rutherford. The rare gases of the atmosphere [Part I]. *Engineering (London, UK)*, 121(??):353–354, March 1926. CODEN ENGNA2. ISSN 0013-7782.

Rutherford:1926:RGA b

- [Rut26j] Ernest Rutherford. The rare gases of the atmosphere [Part II]. *Engineering (London, UK)*, 121(??):388–390, March 1926. CODEN ENGNA2. ISSN 0013-7782.

Rutherford:1926:RGAc

- [Rut26k] Ernest Rutherford. The rare gases of the atmosphere [Part III]. *Engineering (London, UK)*, 121(?):438, April 1926. CODEN ENGNA2. ISSN 0013-7782.

Rutherford:1926:RGAd

- [Rut26l] Ernest Rutherford. The rare gases of the atmosphere [Part IV]. *Engineering (London, UK)*, 121(?):458–459, April 1926. CODEN ENGNA2. ISSN 0013-7782.

Rutherford:1927:RASa

- [Rut27a] Ernest Rutherford. α rays and atomic structure [Part I]. *Engineering (London, UK)*, 123(?):375–376, ?? 1927.

Rutherford:1927:RASb

- [Rut27b] Ernest Rutherford. α rays and atomic structure [Part II]. *Engineering (London, UK)*, 123(?):409–410, ?? 1927.

Rutherford:1927:RASc

- [Rut27c] Ernest Rutherford. α rays and atomic structure [Part III]. *Engineering (London, UK)*, 123(?):460–461, ?? 1927.

Rutherford:1927:RASd

- [Rut27d] Ernest Rutherford. α rays and atomic structure [Part IV]. *Engineering (London, UK)*, 123(?):492–493, ?? 1927.

Rutherford:1927:APSa

- [Rut27e] Ernest Rutherford. Address of the President, Sir Ernest Rutherford, at the Anniversary Meeting, November 30, 1926. *Proceedings of the Royal Society A: Mathematical, Physical, and Engineering Sciences*, 113(765):481–495, January 1, 1927. CODEN PRLAAZ. ISSN 1364-5021 (print), 1471-2946 (electronic).

Rutherford:1927:RN

- [Rut27f] Ernest Rutherford. Radioactive nuclei. *Sigma Xi Quarterly*, 15(4):82–86, December 1927. CODEN SXQUAP. ISSN 0096-977X (print), 2327-7548 (electronic). URL <http://www.jstor.org/stable/27824352>.

Rutherford:1927:SAI

- [Rut27g] Ernest Rutherford. Scientific aspects of intense magnetic fields and high voltages. *Nature*, 120(3031):809–811, De-

ember 3, 1927. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL <http://www.nature.com/nature/journal/v120/n3031/pdf/120809a0.pdf>.

Rutherford:1927:SRA

- [Rut27h] Ernest Rutherford. Structure of radioactive atoms and the origin of the α -rays. In *Atti del Congresso internazionale dei fisici Como-Pavia-Roma, 11-20 settembre 1927*, volume 1, pages 55–64. Nicola Zanichelli, Bologna, Italia, 1927.

Rutherford:1927:SRP

- [Rut27i] Ernest Rutherford. Study and research in physics. *Nature*, 120(3027):657–659, November 5, 1927. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL <http://www.nature.com/nature/journal/v120/n3027/pdf/120657a0.pdf>.

Rutherford:1927:APSB

- [Rut27j] Sir Ernest Rutherford. Address of the President, Sir Ernest Rutherford, at the Anniversary Meeting, November 30, 1926. *Proceedings of the Royal Society of London Series B*, 101(706):1–15, January 1, 1927. CODEN PRLBA4. ISSN 0950-1193 (print), 2053-9185 (electronic). URL [http://adsabs.harvard.edu/abs/1927RSPSB.101....1.;](http://adsabs.harvard.edu/abs/1927RSPSB.101....1.) [http://rspb.royalsocietypublishing.org/content/101/706;](http://rspb.royalsocietypublishing.org/content/101/706) <http://www.jstor.org/stable/27824304>.

Rutherford:1927:RSE

- [Rut27k] Sir Ernest Rutherford. Report from Sir Ernest Rutherford. *Sigma Xi Quarterly*, 15(4):81, December 1927. CODEN SXQUAP. ISSN 0096-977X (print), 2327-7548 (electronic). URL <http://www.jstor.org/stable/27824351>.

Rutherford:1927:LSR

- [Rut27l] Sir Ernest Rutherford, O.M., P.R.S. LI. Structure of the radioactive atom and origin of the α -rays. *Philosophical Magazine (7)*, 4(22):580–605, September 1927. CODEN PHMAA4. ISSN 1941-5982 (print), 1941-5990 (electronic). URL <http://www.tandfonline.com/doi/abs/10.1080/14786440908564361>. Cited in [Wil83a, page 441] as ‘a great paper’. Wilson (page 559) later notes that this paper inspired George Gamow to his prediction of the quantum tunneling effect in 1929 (credit also goes to Edward Condon

and Ronald Gurney who wrote two papers in 1928 on that idea, and to Robert Oppenheimer, who published a paper on that topic five months before those of Condon and Gurney).

Rutherford:1928:APSa

- [Rut28a] Ernest Rutherford. Address of the President, Sir Ernest Rutherford, O.M., at the Anniversary Meeting, November 30, 1927. *Proceedings of the Royal Society A: Mathematical, Physical, and Engineering Sciences*, 117(777):300–316, January 2, 1928. CODEN PRLAAZ. ISSN 1364-5021 (print), 1471-2946 (electronic).

Rutherford:1928:OPB

- [Rut28b] Ernest Rutherford. Obituary: Prof. Bertram B. Boltwood. *Nature*, 121(3037):64–65, January 14, 1928. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL <http://adsabs.harvard.edu/abs/1928Natur.121..64R>; <http://www.nature.com/nature/journal/v121/n3037/pdf/121064a0.pdf>.

Rutherford:1928:PPH

- [Rut28c] Ernest Rutherford. Production and properties of high-frequency radiation. *Nature*, 122(3084):883–886, December 8, 1928. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL <http://www.nature.com/nature/journal/v122/n3084/pdf/122883a0.pdf>.

Rutherford:1928:TMPa

- [Rut28d] Ernest Rutherford. Transformation of matter [Part I]. *Engineering (London, UK)*, 125(?):315–316, March 1928. CODEN ENGNA2. ISSN 0013-7782.

Rutherford:1928:TMPb

- [Rut28e] Ernest Rutherford. Transformation of matter [Part II]. *Engineering (London, UK)*, 125(?):360, March 1928. CODEN ENGNA2. ISSN 0013-7782.

Rutherford:1928:TMPc

- [Rut28f] Ernest Rutherford. Transformation of matter [Part III]. *Engineering (London, UK)*, 125(?):387, March 1928. CODEN ENGNA2. ISSN 0013-7782.

Rutherford:1928:APSB

- [Rut28g] Sir Ernest Rutherford, O.M. Address of the President, Sir Ernest Rutherford, O.M., at the Anniversary Meeting, November 30, 1927. *Proceedings of the Royal Society of London Series B*, 102(717):239–255, January 2, 1928. CODEN PRLBA4. ISSN 0950-1193 (print), 2053-9185 (electronic). URL <http://adsabs.harvard.edu/abs/1928RSPSB.102..239>; <http://rspb.royalsocietypublishing.org/content/102/717/239>.

Rutherford:1929:HFR

- [Rut29a] Ernest Rutherford. High frequency radiation of the X-ray type. *Science*, 69(1784):259–263, March 8, 1929. CODEN SCIEAS. ISSN 0036-8075 (print), 1095-9203 (electronic). URL <http://adsabs.harvard.edu/abs/1929Sci....69..259R>; <http://www.sciencemag.org/content/69/1784/259>.

Rutherford:1929:MMRa

- [Rut29b] Ernest Rutherford. Molecular motions in rarefied gases [Part I]. *Engineering (London, UK)*, 127(??):319–321, March 1929. CODEN ENGNA2. ISSN 0013-7782.

Rutherford:1929:MMRb

- [Rut29c] Ernest Rutherford. Molecular motions in rarefied gases [Part II]. *Engineering (London, UK)*, 127(??):347–348, March 1929. CODEN ENGNA2. ISSN 0013-7782.

Rutherford:1929:MMRc

- [Rut29d] Ernest Rutherford. Molecular motions in rarefied gases [Part III]. *Engineering (London, UK)*, 127(??):381, March 1929. CODEN ENGNA2. ISSN 0013-7782.

Rutherford:1929:MMRd

- [Rut29e] Ernest Rutherford. Molecular motions in rarefied gases [Part IV]. *Engineering (London, UK)*, 127(??):449–450, March 1929. CODEN ENGNA2. ISSN 0013-7782.

Rutherford:1929:NPS

- [Rut29f] Ernest Rutherford. Note by Professor Sir Ernest Rutherford [Max Planck]. *Naturwissenschaften*, 17(26):483, June 28, 1929. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Rutherford:1929:OAA

- [Rut29g] Ernest Rutherford. Origin of actinium and age of the Earth. *Nature*, 123(3096):313–314, March 2, 1929. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL <http://www.nature.com/nature/journal/v123/n3096/pdf/123313b0.pdf>. See also [Hol30].

Rutherford:1929:PR

- [Rut29h] Ernest Rutherford. Penetrating radiations. *The Engineer*, 147(??):413, April 1929. CODEN ENGIAL. ISSN 0013-7758.

Rutherford:1929:RRB

- [Rut29i] Ernest Rutherford. Recent reactions between theory and experiment. The Raman effect: The constitution of hydrogen gas. *Nature*, 124(3136):878–880, December 7, 1929. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL <http://www.nature.com/nature/journal/v124/n3136/pdf/124878a0.pdf>.

Rutherford:1929:APSa

- [Rut29j] Sir Ernest Rutherford, O.M. Address of the President, Sir Ernest Rutherford, O.M., at the Anniversary Meeting, November 30, 1928. *Proceedings of the Royal Society of London. Series A, Containing Papers of a Mathematical and Physical Character*, 122(789):1–23, January 1, 1929. ISSN 0950-1207 (print), 2053-9150 (electronic). URL <http://adsabs.harvard.edu/abs/1929RSPSA.122...1R>; <http://rspa.royalsocietypublishing.org/content/130/813/239>.

Rutherford:1929:APSB

- [Rut29k] Sir Ernest Rutherford, O.M. Address of the President, Sir Ernest Rutherford, O.M., at the Anniversary Meeting, November 30, 1928. *Proceedings of the Royal Society of London Series B*, 104(729):97–119, January 1, 1929. CODEN PRLBA4. ISSN 0950-1193 (print), 2053-9185 (electronic). URL <http://adsabs.harvard.edu/abs/1929RSPSB.104...97>; <http://rspb.royalsocietypublishing.org/content/104/729/97>.

Rutherford:1930:APSa

- [Rut30a] Ernest Rutherford. Address of the President, Sir Ernest Rutherford, O.M., at the Anniversary Meeting, November

30, 1929. *Proceedings of the Royal Society A: Mathematical, Physical, and Engineering Sciences*, 126(801):184–203, January 1, 1930. CODEN PRLAAZ. ISSN 1364-5021 (print), 1471-2946 (electronic).

Rutherford:1930:ANTa

[Rut30b] Ernest Rutherford. Atomic nuclei and their structure [Part I]. *Engineering (London, UK)*, 129(?):371–372, March 1930. CODEN ENGNA2. ISSN 0013-7782.

Rutherford:1930:ANTb

[Rut30c] Ernest Rutherford. Atomic nuclei and their structure [Part II]. *Engineering (London, UK)*, 129(?):397–398, March 1930. CODEN ENGNA2. ISSN 0013-7782.

Rutherford:1930:ANTc

[Rut30d] Ernest Rutherford. Atomic nuclei and their structure [Part III]. *Engineering (London, UK)*, 129(?):437–438, April 1930. CODEN ENGNA2. ISSN 0013-7782.

Rutherford:1930:ANTd

[Rut30e] Ernest Rutherford. Atomic nuclei and their structure [Part IV]. *Engineering (London, UK)*, 129(?):470–471, April 1930. CODEN ENGNA2. ISSN 0013-7782.

Rutherford:1930:BF

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Rutherford:1937:SIH

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