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Nelson H. F. Beebe
University of Utah
Department of Mathematics, 110 LCB
155 S 1400 E RM 233
Salt Lake City, UT 84112-0090
USA

Tel: +1 801 581 5254
FAX: +1 801 581 4148

E-mail: beebe@math.utah.edu, beebe@acm.org,
beebe@computer.org (Internet)
WWW URL: <https://www.math.utah.edu/~beebe/>

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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** [Hei77, 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]. **AlGaN** [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]. **Andrews** [Hei77]. **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]. **Atmosphere** [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, Ano16b, 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**
 [Hei77, Hei71, Oes70, Szy85, Bro86, Fea70, Hei70, Tre77a, Vuc86]. **BaF2**
 [Phi83]. **Baker** [Rut21d]. **Baker-Vorlesung** [Rut21d]. **Bakerian**

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Depth-resolved [AAPN06]. **depths** [Rom97]. **deren** [Rut11e]. **Derivation** [Dem03]. **description** [Bri31, Cat12]. **Design** [BELG68]. **dessus** [Mon66]. **detail** [Oak19]. **detect** [Nav06]. **Detected** [Ano08a]. **Detecting** [BR16, Rut15f]. **detection** [Kat12, SHAI09, Sin93]. **Detector** [Hes00, Mur13, Rut96b, Rut97b, Rut96a]. **detectors** [Lew79]. **Determination** [DHS97, JBS12, OKR35b, Rot74, Wan96, Cat93, CSN+00, ESRDV84, Rut09k, Rut15d, SWZ+05, Sim82, Tho84, Wil83b]. **determined** [PBFt83, PNFO88]. **Deuterium** [CR12]. **deuteron** [Stu86a]. **Devant** [dB70]. **Developer** [RKL88]. **Developer-induced** [RKL88]. **Developing** [Zim69a, Zim69b]. **Development** [All64, Bra61, GRS87, Kae39, Meh73, Tan77, TCZY97, Tre71b, Bad87, Fra05, Har38, Rut36b, Rut36i, Rut37c]. **Developments** [Boh61]. **Devable** [RG02b]. **deviation** [Rut03f]. **device** [Glo20]. **devices** [CBZ+12]. **Devons** [Hug08, Kay63]. **Dfl** [Bat72]. **Diagnosed** [MKM+07]. **diagnostic** [HFD+99, RFF+01, YHS97]. **diagnostics** [DBvdV87, SML91]. **diaphragm** [Rut16e]. **dichroic** [RMM+13]. **Dictionary** [DG99]. **did** [Bat72, Jen11]. **didn't** [Jar08a, Jar08b]. **Died** [Ano19, Fle57]. **Dies** [Ano37i, Lau37]. **diferentes** [dAMxx]. **difference** [Rut04b, Rut05b]. **Differences** [RT09]. **Different** [Elf14, BP93, dAMxx, Mor18, RBR15, SSWB80a]. **diffraction** [BBR80, CYM+03, CCR85, DHS97, HV84, KKK+99, KSKF93, PAF+98, SDD+08, WVH+99, WYV+99, Yuh92]. **diffuse** [GM09]. **Diffusion** [HKM+09, SER+01, MBS+04, TMJ+99]. **Dimensional** [BCM13]. **dimensions** [Bar83]. **Dinner** [Ano09a]. **dioxide** [LRF86]. **Dirac** [Lak96]. **Direct** [Cat93]. **Direction** [BR16, Coc63, Aro66, Osg66, Rut01e, Rut15d, Seg62, Seg64, Seg66]. **Discharge** [Coo13, Rut98, Rut01f, Rut01a, Rut08e]. **Discharges** [Rut94, Rut5]. **Discovered** [Ano19]. **Discoverer** [MM03, RCRC04]. **Discoveries** [Kra76, Bra09, Pae15a, Seg76, Seg80a]. **Discovering** [Ano99, Tem89]. **Discovery** [And64, And81, Ano09a, Ano22, Ano32c, Ano00b, Ano06, CR12, Dar56b, FW67, Gen95, Gra64, GLR06, GLR12, GT95, HHK87, Mal71, Mon66, Rog13, Rom64, Rut66b, Bad83, Cam19, Car98, Cla13, Dar56a, DMPA08, FW85, Gan17, GA71, Kae48]. **discrete** [Sad81]. **discursive** [dAMxx]. **discursivos** [dAMxx]. **Discussion** [Gam29a, GRR+31, Rut14d, RCW+26, RAC+29, RMM+29, RCE+32, RSA+34b, RSA+34a, RJ65, Rut70e, Rad13, Rut03g]. **discussions** [CCJ+34, LRdB+23]. **Disintegration** [Ano23b, CW32, Rut04m, RC21a, Rut22a, Rut22b, Rut22c, Rut22d, RC24b, Rut24k, Rut25a, RC29, Sod04, Tre71b, Tre71a, Rut04a, RC21b, RC22, Rut24m, Rut34g]. **Diskussija** [Rez29, Rez32]. **dispersive** [Bar85, Sku89]. **display** [Whe18]. **Dispute** [Kra18]. **Disregarding** [Ach23]. **Distinction** [Ano23b]. **Distinctions** [Ano66d, O'S71, O'S72]. **distorted** [Wie78]. **distortion** [WCZ+02, ZCS+12]. **distortions** [Cle81]. **Distribution** [LGA+06, Rut06b, LCL+04, Rot74, RG10, TGP11, Wil83b, Rut06b, Rut06n]. **distributions** [RR95]. **Divergence** [Mar72]. **dnja** [Kap73a]. **Do**

[Rut10a, Rut10b]. **doctorate** [Lüd13]. **document** [Lüd13]. **documentary** [Cam14, GA71]. **Does** [Rut04c, Rut04d, ZB74, MDJF83]. **Dominion** [Ano38a]. **done** [Ano18a]. **Doomsday** [Ano05]. **door** [Ten20]. **Dopant** [MCJK90]. **Doped** [MKM⁺07, Lu87]. **double** [Sad81]. **doubts** [Ano23b]. **d’ouvrages** [Mon66, Sen87]. **Down** [Ano33b]. **Dr.** [Ano09c, Ano22, Ano32b]. **Drafting** [Lüd13]. **Drawings** [Mar61]. **Dream** [Ano22]. **driven** [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, Mor18]. **Dutch** [Bur18].

E. [Aro65b, Rad13]. **Each** [Ano32b]. **Early** [Adl97, Bai13, Her72, KT88, Kra11, Lav14, Lew79, Nav06, Rut24c, Tre71b, Kau86, Kra13, Rut32b, Wil60]. **Earth** [Eva96, FF17, BSS88, HS39, Bad68, EMR07, Lew02, RC03, Rut05l, Rut29g, Rut88]. **earthquakes** [Cam14]. **easily** [Rut03b, Rut03f]. **easily-absorbed** [Rut03b]. **Eastbourne** [Fle57]. **Eclipse** [Sta03]. **Ed** [Hei71, Hei70, Ihd64, Stu85]. **Eddington** [Sta03]. **Edited** [Sin81]. **edition** [Poo52]. **Editor** [Hay63, Hub13, Rut35a, Ale46, Mos14a]. **Editorial** [RSWE27]. **eds** [Eck20, Stu79b]. **Effect** [RB03a, RB03b, RB04a, Rut04e, RP07, Rut19h, Rut29i, Cla13, GHCA91, RB04c, RB05c, RR13c, Rut10a]. **Effects** [ERM95, OHR34a, OHR34b, Rut12f, RB04b, vIS89]. **Efficiency** [RB15]. **Efforts** [Kae36]. **Egdell** [Eck20]. **Ehrendoktorwürde** [Lüd13]. **Ehrenfest** [Kle10, Pia24]. **Eigenschaften** [Rut05j, Rut06i]. **Einfluss** [Rut01b]. **einige** [Rut06i]. **Einstein** [Sno67, Sno68, Bou99, Bru79, HW96, Kle10, Sha87a]. **Elastic** [VWH⁺99, DY68, RRKH94, RR95, SHAI09]. **Electric** [Rut06c, Rut26g, Rön58, Rut01e, Rut03b, Rut03f, Rut36a]. **Electrical** [Rut96b, Rut97b, Rut99, RG08a, Rut23l, Rut23r, Rut23q, RCW⁺26, Rut26h, Rut96a, Rut00d, RG08c, RG09b, Rut23s, Rut24a, Rut24b, Rut25i]. **Electricity** [Rut01f, Rut01a, Rut08e, Rut20b, Rut20c, Rut20d, Rut21a, Rut21b, Rut21c, Rut22e, Rut22f, Rut22p, Rut25b, Tho03, Tho06, TT33, TT69, Whe04, TR96]. **Electrification** [Rut97a, Rut98]. **électrique** [RG08c]. **electroless** [Man82, PNFO88]. **Electromagnetic** [Rut35f, Rut35g, Rut35h, Rut35i]. **Electron** [And64, And81, 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, O’H75, 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, Sto97, Ber07]. **elemental** [IYT⁺09, LGF⁺99, PBFt83]. **Elementary** [Boa07, Cam97, KH23, Sod04, Wic65, Rut34g]. **Elemente** [Rut04a, vdB07].

Elements [Ano22, Ano33b, Ano37i, EC13, Eva96, Fow72, HHK87, Jaf71, Jaf72, Kra76, Kra18, Lau37, Mos13c, Mos14b, OR33, OKR35a, Rut91, RC21a, Rut22a, Rut22b, Rut22c, Rut22d, RC24a, RC24b, Rut24k, Rut37b, RS66, Rut38f, Sar27, SL90, Kra13, Rez23, Rez25, Rut04m, Rut04a, Rut15m, Rut15n, Rut16c, RC21b, RC22, Rut24m, Rut33h, Rut33d, Rut33e, Rut33g, Rut37e, Rut37f, Lor70e, Lor70f, Sea88, Seg80b, Wel90, vdB07, vdB13]. **Eletrica** [Mac97]. **Elettrica** [MSB⁺37]. **Elizabeth** [Eck20]. **Ellipsometric** [BVI88]. **ellipsometry** [BKP⁺06, CSN⁺00, SPL⁺08, TGDS99]. **Ellis** [Poo52, Sch31]. **Ellyard** [Sei86]. **Elsevier** [Bat72]. **Emanation** [Rut03a, RB03a, RB03b, Rut04g, Rut04h, Rut04o, Rut08i, RR08b, Rut09a, RT09, RB32, RS02k, RS02j, RS02l, RS02m, RS02i, Rut04e, RB04b, RB04c, RR08d, RR08a, RR08h, RR08c, Rut09j, RR12, RR13c, RR07, RR08a]. **Emanationen** [Rut01b]. **Emanations** [Rut01c, Rut06a, Rut01b, RS02d, RS02e, RS03a, RG11]. **emergence** [Pol60]. **Emerging** [Gus12, Hon03]. **émises** [RH06a, RG08c]. **emissions** [RR07]. **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, DYF67, EMVK90, Hes00, Jen11, OKR35b, RM00b, RM00a, RM01, Rut12e, Rut24i, RC29, Rut35k, Seg85, Sod49, Bar85, BVI88, DJA⁺04, HKH96, Kri16, MB90, RR95, Rut07h, Rut07j, Rut36c, Rut36d, Rut36e, SWZ⁺05, Sku89, TCZY97, WM88, Yuh92, vdK89, Ano32c, RM00b, Mon66, Tre75a]. **England** [Stu79b, Ano07, Ano18c, 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, Bra09, Fea79]. **epitaxial** [Phi83]. **epitaxy** [CFMO12]. **Epoc** [Fea62b]. **Era** [Cro74b, Lon16c, Lon16d]. **erbium** [TJRS03]. **Erdalkalimetalle** [HS39]. **eredményei** [RA45]. **erhielt** [CSW97]. **Erinnerungen** [Rut32b]. **Ernest** [Ano12a, Ano19, Ano23b, Ano66b, Bad04b, Bad09, Boh26, Büh98a, Cha65, Cra71, FR13i, Gar62, Hah62, Har38, Hub13, Lüd13, Mil13, Mur13, RSWE27, Rut26a, Sch31, Seg80c, dR92, dCA68, Ano36b, Ano66d, Ano66c, Ano71a, Ano09b, Ano09c, Ano16a, Ano18d, Ano19a, Ano21, Anoxxa, Anoxxb, Bad71, Bad75, Bad04a, Bad08, Badxx, Bal21, Ble99, Bod20, Bro62, Büh98a, Cam97, Cam98, Cam19, Coh88, Coh89, Coh91, Coh92, Coh97, Dea03, Far63a, FR13c, FR13d, Fla17, Flo70, Gra02, Gri09, Hah67a, Hei03, Hil17, Hop21, Kap80c, KS76, Lab38, Lai37, Lee98, Low79, Lüd13, Mac11, Mar38, MM03, McK62, Moo74, O'S71, O'S72, Ole81, Opp64, Poo52, Pri08, Ree08, Ril70, Row55, Row57, Sie11, SN67, Stu00, Sut01, del79, Ano60, Bir57, Ble57]. **Ernest** [Tre76a]. **Ernests** [Oli66a, Oli66b, Oli85b]. **Errata** [Ano94]. **Erratum** [Hwa83]. **erregte** [Rut02e, RA02a]. **erregter** [Rut02d]. **ErSi** [WVD⁺96]. **Erzeugung** [BR11a, BR11c, RM00b]. **Essay** [Ano64]. **Essays**

[Boh63, Boh87]. **establishing** [Clo18]. **Estestvennoe** [Rez25]. **etched** [O’C17, Oeh86]. **Europe** [Dro20, Ano18a, Rod19]. **European** [Pye78]. **europium** [RSdS⁺89]. **evaluate** [SSWB80b]. **evaluated** [Ano71b]. **Evaluation** [Cle81, IOI⁺11, KIS⁺89]. **evaporated** [LGF⁺99, SBEO86]. **Eve** [Rut05j, dR92, dR92, Coh88, Coh89, Coh91, Coh92, Fos49, Lin40, Rut05j, Swa40, Coh40]. **Even** [Mil95]. **events** [Cam19]. **Everyone** [Hil17]. **Evidence** [TGMR74, Ach23, DJBW83]. **Evolution** [CT65, Fow72, Rut91, Rut15m, Rut15n, ZWJ⁺02]. **exactly** [EFKS96]. **Exchange** [MBS⁺04, HFD⁺99, HW92, STB⁺01]. **Exchange-diffusion** [MBS⁺04]. **Excited** [Rut01d, RA02b, Rut02d, Rut02e, RRR14, Rut14h, RA02a, Rut02a, Rut03h]. **Exeter** [Nix19]. **Exhibition** [Rut15a, Whe18, Ano17c]. **Exiles** [Rut34k, Rut34n]. **exist** [Rut10a, Rut10b]. **Existence** [Cha32a, Cha32b, HS89, Rut02f, HS39]. **Existenz** [Mos13b]. **Existieren** [Rut10a, Rut10b]. **expansion** [Rez25]. **Expedition** [Sta03]. **expelled** [RH06a, Rut06m]. **Experiment** [Ano23a, Eic72, Gre07, Hes00, Kap74, Kap80a, Rut29i, VV09, Bis90, DBE⁺85, DY68, GW73, Hau82, LSN⁺09, Lor88, Ten20]. **Experimental** [Hon03, Ano37d, Bur13b, Sod02]. **Experimentalists** [Gea14a]. **Experimentalvorlesungen** [Sod02]. **Experimentation** [Hon98]. **Experimentelle** [Mos13b]. **Experiments** [Ano08a, Ano19, BELG68, Gea14a, Gea14b, OR33, Rut15b, RC24b, Flo70, Pae15a, RSdS⁺89, Sha87a, Tre74a, Rut02e, Rut08h]. **Expert** [Ano08a]. **Explain** [Ano32b]. **exploded** [Ano33d]. **Exploding** [Rut15i, Rut16b, Rut15g, Rut15h, Rut70c]. **Explore** [vG95]. **Explores** [Dyl20b]. **Exploring** [Rit92, WH72]. **Explosion** [Bad04a, Hei03]. **Exponential** [FR13e]. **exposed** [Rut97c, Rut97a, TR96]. **Expulsion** [Ano08a]. **extended** [WM88]. **Extension** [Ano12b]. **Extraordinary** [Gib19, Jen08].

F [Hei77, Whe04]. **F.** [Ble02, Bro62, Rus56a]. **F.R.S** [Ano36a, Ano46a, Ano66b, How58, dCA37, Boh37, Bra37, Cha37, Eve37, Smi37, Sod37, Tho37a, Tho37b]. **F.R.S.** [Ano37h, Cro35, Eva39a, Eva39b, Kap66b, O’H75, dB32]. **F.R.S.N.Z.** [Ano36a, Ano46a]. **Faces** [Lav14, Nic32]. **facility** [Bod20]. **facsimile** [Wri64]. **facsimiles** [Bey49]. **Factor** [Hon03, Bar85]. **Fall** [DeB19, Hah67a]. **fallout** [Pre05]. **Famous** [Ano37i, Ano37j, Gra68, Lau37, Gra72, MB⁺85, Wri64]. **Faraday** [Rut36h, Ano37d, Ano38b, Fea72]. **Farrar** [Dys05]. **fatal** [Har05]. **Father** [Anoxxa, Tre75a, Jen08]. **Favor** [Ano23b]. **Fe** [GRS⁺91, KSKF93, PCK⁺08]. **Fe-implanted** [GRS⁺91]. **Feather** [Rön58]. **features** [Rut05j]. **Feb** [Rut26f]. **February** [Bad67, Bad85b, Rut36h]. **Feinberg** [Mon66]. **Fellow** [RSWE27]. **female** [Gan18a]. **Fermi** [Mon66, GLR06]. **few** [Ano01]. **Field** [Ano37i, Lau37, RWLB33, HFD⁺99, RFF⁺01, Rut01e]. **Fields**

[Rut27g, Rut30i, HBA77]. **fifth** [Rut33h]. **Fifty** [Kae48, Sea88, Wel90]. **figures** [Wal18]. **filament** [DJA⁺04]. **filament-driven** [DJA⁺04]. **Film** [dCAH64, CCR85, HV84, HGM⁺94, SCP⁺91, Sim82, SDD⁺08]. **Films** [Bau73a, JBS12, KEJ87, LHB⁺09, LGA⁺06, SHCK96, And90, Bau73b, Bur86, Cat93, DHS97, DJBW83, FGM⁺00, FIY⁺99, GR89, Glo20, IFSI94, Ish83, KKK⁺99, LHNG14, PBFt83, Phi83, Rei79, Reu81, SER⁺01, SCP⁺91, TMJ⁺99, TGP11, Wan96, WVCW76, YKH⁺84]. **Final** [Ano18f, Sto97, Wal18]. **Finally** [Sto97]. **Fine** [Rut15a]. **First** [Kay63, Kri19e, RC04, RCRC05, Cat12, Gan18a, HBA77, Mor18, RCO⁺54, Str11, BC16, Stu18]. **first-** [HBA77]. **firsthand** [Sha87a]. **fisica** [Seg76].

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[FW67, Gra64, HS89, Stu94, FW85, Gam29b, GA71, Sea88, Ano94, CSW97].

fits [Ged16]. **five** [RCO⁺54]. **flight** [DJA⁺04, HKH96, NMSK13].

fluorescence [KBvB⁺05]. **Fluorinated** [EMVK90]. **fluorine** [KB93]. **Fly** [Dys05, Cat04, Cat12]. **Focussing** [RLB33]. **Foil** [Gre07]. **Foils** [Mar61].

Folkestone [Sin81, Stu79b]. **FONTANUS** [dR92]. **Force** [OaHNM98, Ree08, IFSI94, LHNG14, Par96, RC25, Tab97]. **Forces** [Bri65].

Foreword [Ano50, Gri09, Rut65a, Rut65b]. **Formation** [HS89, AAPN06, DMV⁺96, Par96]. **Formerly** [Mon66]. **Formula** [Dem03, Gor55, BB80, Kru75, MDJF83, Man77, ZB74]. **Fortschritte** [Rut09d]. **Forty** [Rut38a, Rutxx]. **Forward** [SHCK96, LGF⁺99]. **Foster** [Ano38b]. **Found** [Ano22, Kra14a]. **Foundation** [Ano12a, Rut12a, VRWB12, Wel90, Kri19c]. **Foundations** [Bey49, NL00].

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[Ano09b, Asi64, Coh97, Far63b, Fle57, Fre79, Gus12, How58, Jen85, Kau86, Ken63, Mer96, Pan57, Pan64, Rus56b, Rus61, TG36, Wil64, Wil69]. **free** [Fow83, Sod02]. **freedom** [Ano18a]. **freien** [Sod02]. **French** [BR11b, CCJ⁺34, Geo38, Hei34, LRdB⁺23, Rut05c, Rut05g, Rut06b, RH06a, RB06a, RR07, Rut07h, RG08b, RG08c, RR08a, RR09a, Rut12b, RC12a, Rut12c, dB70]. **Frequency**
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 [CCR⁺03, IOI⁺11, LCL⁺04, PPA⁺02, WCZ⁺02]. **GaP** [KG91]. **Gas**
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 Rut07a, RL07, Rut08c, Rut08d, Rut08b, Rut09b, Rut09c, RG09b, RG09a,
 Rut09d, Rut10a, Rut10b, Rut11e, Rut11h, RR12, Rut13b, RR13a, Rut13g,
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[RWWW30]. **grown** [KIS⁺89, ZCS⁺12]. **Growth** [OaHNM98, Zim69a, Zim69b, DGC07, FGM⁺00, HV84, HGM⁺94, KSKF93, SDD⁺08, YKH⁺84]. **growth-mode** [KSKF93]. **GsSb** [Sar79]. **Guest** [Ano09a]. **Guide** [Dro20, Rod19, Hei77]. **Gunns** [Hei77]. **Guthrie** [Rut26f]. **Guy** [Sei86, Sen87, Stu85]. **Gwyn** [Hei08, Rut15c].

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[Rut05c]. **integrated** [Gro89]. **Intense**
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 [LCL⁺⁰⁴, PCK⁺⁰⁸]. **intermixing** [PPA⁺⁰²]. **International**
 [Bir61, CDE^{+31b}, Dys05, Hay63, Meh73, Raz63, Cat04, CCJ⁺³⁴, Kat15,
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Interpretation [Ano94, Rut34o, Stu94, Bab71, Sod08, Sod20, Sod22, Sod04].
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 LSK⁺⁸⁸, MB90, NMSK13, PAF⁺⁹⁸, RRKH94, RR95, Reu81, STB⁺⁰¹,
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 [FLK92, SML91]. **ion-beam-synthesized** [WVD⁺⁹⁶]. **ion-implanted**
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 FIY⁺99, IFSI94]. **O.M**
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[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]. **options** [Ach23]. **Opto** [McG84]. **Opto-Electronics** [McG84]. **Orbits** [Elf14]. **Ordering** [NOSK08]. **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]. **origine** [Rut12b, Rut12c]. **Origins** [Cho01, Gea14b, Hug12, Bad79a]. **oscillation** [KY11]. **Oscillations** [Sho82, NBG⁺84]. **other** [Wal18]. **Otto** [CSW97, BW80, CSW97, Hah67b, She83b]. **Our** [Ano99, Mac11, Sat18]. **ouvrage** [Mon66]. **Overhead** [Eic72]. **overlaps** [Lia80]. **overlayer** [NFM⁺07]. **Overtuned** [Kri19a]. **overview** [CAN88]. **Oxford** [Ble02, Rut33h]. **Oxidation** [KEJ87, SPL⁺08, NBG⁺84]. **Oxide** [Bau73a, Bau73b, Sha87b, TMJ⁺99]. **oxides** [Sin93, TF89, Win94]. **Oxygen** [ERM95, Rut19g, Cat93, NFM⁺07, RRKH94]. **oxynitrides** [TGDS99].

P

[Ano66a, Kap66b, Mon66, Pia24, Tre76a, Whe04, MCJK90, SSWB80a, Sad81]. **p-phenylenevinylene** [MCJK90]. **P**. [Lov76, Rad13]. **P.R.S** [Boh26]. **Packaging** [KT84]. **Paid** [Ano37i, Lau37]. **Palace** [Hil17]. **Palladium** [PNFO88]. **Palladium-tin** [PNFO88]. **Palmerston** [Dun18]. **Pantheon** [Dys05]. **paper** [Rut12c]. **Papers** [Ano33c, Ano64, Aro65a, Aro66, Bur64, Cha14a, Cha14b, Cha14c, Coc63, Osg66, RC62, Seg62, Seg64, Seg66, Stu79b, Ano66e, Cha65, Rez71, Rez72, Rön58, RC63, RC65, Whe04, Wri64, Kap74]. **parallel** [Dow08]. **Paramount** [Kae39]. **Paris** [Ano48, Oli47, Ano19]. **Park** [Wil15]. **Part** [Mos13c, Ano16a, RS02k, RS02j, RS02l, RS02m, Coh89, Coh91, Coh92, Mor84, Mos14b, RS02b, RS02g, RS02a, RS02h, Rut04g, Rut04h, Rut20b, Rut20c, Rut20d, Rut21a, Rut21b, Rut21c, Rut22j, Rut22k, Rut22l, Rut22m, Rut22n, Rut22o, Rut26b, Rut26c, Rut26d, Rut26e, Rut26i, Rut26j, Rut26k, Rut26l, Rut27a, Rut27b, Rut27c, Rut27d, Rut28d, Rut28e, Rut28f, Rut29b, Rut29c, Rut29d, Rut29e, Rut30b, Rut30c, Rut30d, Rut30e, Rut35f, Rut35g, Rut35h, Rut35i, Ten20]. **Partial** [Rus51]. **Particle** [Ano08a, Ano32a, Fea77, Mal71, Ano00a, RG08d, RR08e, RR09b, RR09d, Rut23n, Rut23o, Rut24j, Rut66a, Rut70b, Wei11, 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, RWL31a, RWL31b, RLB33, RK34, WR31, GM09, GF10, GR12, GM13, Glo20,

Hei68, Leo05, Rez24, Rit92, RH06a, RH06b, Rut06m, Rut07g, Rut07h, Rut07j, 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]. **particules** [RH06a, Rut07h, RG08b, RG08c, RR09a]. **Partnership** [Coh97]. **passage** [TR96]. **Passing** [Rut06k, Rut06l]. **passion** [Hil17]. **Past** [vG95]. **path** [Fow83, Gan17]. **path-breaking** [Gan17]. **Patrick** [Lov75]. **Paul** [Kle10, Tes19]. **Pauling** [Gri09]. **pay** [Ano37j]. **Payot** [Mon66]. **Pb** [Cat93, ERM95]. **PBFA** [KLL+90, LSK+88]. **PBFA-II** [KLL+90, LSK+88]. **Pd** [SCP+91, vdK89]. **Peace** [Ano16a]. **peak** [Wie78]. **Penetrating** [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]. **Personality** [Dyl20b, Seg76, Ano04]. **Perspective** [RN04, Seg85]. **perturbations** [HZ15]. **perturbed** [Agu96]. **Petite** [Mon66]. **Petr** [Rub97]. **Phase** [Mar72, Yuh92, AAPN06, CFMO12, DJBW83, Lu87]. **PhD** [Ano99]. **phenylenevinylene** [MCJK90]. **Philosopher** [BHN98]. **Philosophical** [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]. **Physical** [BP70, Cat93, Har07, Har60, Hei71, Rut09i, Rut13e, Tre79a, Ano12b, RCO+54]. **Physicians** [Sla13]. **Physicist** [Ano07, Ano37i, Ano37j, BHN98, DeB19, Dyl20b, Hop21, RC04, RCRC05, 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, Cra84, Cro74a, Dea03, DMPA08, Eve06, Far16, Fea62b, Hei79b, Hon03, Hug12, Kae39, Kri19a, Mas72, Meh73, Mot63, Pod10a, Pye78, RN04, Rom60, Rom82, Rut27i, Rut38a, Sei86, She83b, Sin81, Stu79b, Stu85, Stu18, VRWB12, Wei70, Whe80, AG13, Ano95, Ano17d, Ano18c, Bad83, Bal19, Bey49, Bod20, Boh87, Bra09, Buh98b, Cli87, Con62, Gam85, Glo20, Hag17, Har38, Hei79a, Hen84, Hug93, Hug00, Kae48, KHFA67, Lon03, Lon16d, LRdB+23, Mor74, RC13, Ree15a, Rut09b, Rut09c, Rut35d, Seg76, Sha87a, Sim96, Stu79a, WP85, Wei11, WH72, Wei72, Wei85, Wen53, Wil74, Wri64, Adl03, Ano09a, Ano18e, Clo18, CCJ+34, FR13i, Fre12, Tes19, Ano12a]. **Physik** [Buh98b, Rut09b, Rut09c]. **physique** [CCJ+34, LRdB+23]. **Picton** [Wad20]. **Pictures** [Ano23b]. **Pierre** [DMPA08, Gri09, Ril70]. **piezoelectric** [Rut15b]. **piezoelectricity** [Kat12]. **pileup** [Wie78]. **pinch**

[HFD⁺99, RFF⁺01]. **Pioneer** [How58, RCRC90, RCRC92, Kau86, Nix19, Pol91, Row55, Row57, Ano60, Ble57, Bir57]. **pioneering** [Bod20, Ged16]. **pioneers** [Ano17a]. **Pitcher** [Mor84]. **Place** [Ano18f, Wal18]. **places** [Ano18c]. **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** [PNFO88]. **Platinum** [Rut01f, Rut01a]. **play** [Nix19]. **pleochroic** [JR13]. **plots** [SDD⁺08]. **Plutonium** [Ber07]. **PM** [Ano18d]. **Point** [Rut09a]. **points** [RS02d, RS02e]. **Polanyi** [Gus12]. **politicians** [Ano18a]. **politics** [Mer96]. **Polonium** [Rut10c, Rut10d]. **Poly** [EMVK90, HW92, MCJK90]. **polyethylene** [KB93]. **Polyimide** [EMVK90, SHCK96]. **Polymath** [Har01]. **polystyrene** [TGP11]. **popular** [Ano33d, Sod02]. **populären** [Sod02]. **Porous** [WMT01]. **Portrait** [Kap80b, Rus51]. **Portraits** [Ano66c, Far01, MB⁺85]. **Portuguese** [dAMxx]. **Positive** [Rut05e]. **positron** [AAPN06, CYM⁺03, FTT96, vdK89]. **Possible** [Cha32b, Rut15f]. **post** [Lu87]. **post-rapid-thermal** [Lu87]. **Postgrowth** [CYM⁺03]. **Postponed** [Ano05]. **potential** [WM88]. **Potentials** [Mos12b, Mos13a, ST76]. **Pounds** [Ano01]. **pour** [RC12a]. **Power** [All64, Ano22, Ano16b, Eva39a, Eva39b, Ano23b, HBA77, Rut17, SBEO86, Ten20]. **Powered** [Ano33a]. **Powerful** [Coo13]. **Pp** [Bat72, Bro86, Bur64, Hei71, Mos13b, Pip01, Sin81, Stu85, Ble57, Dav37, Dys05, Pia24, Stu79b]. **pp**. [Opp64]. **Practical** [Fre79, MG12]. **Practice** [Hug08, Kap74, Kap80a, Ged16]. **Praises** [Ano23b]. **précédent** [Rut12c]. **preceding** [Rut12c]. **Precursor** [Kri16]. **Preface** [Fre12]. **Preis** [CSW97]. **Preliminary** [Rut16e]. **première** [Mon66]. **Preparation** [Rei79]. **prepared** [YKH⁺84]. **Present** [Rut05f, Rut06d, Rut86]. **Presentation** [KH23]. **presents** [Ano18e]. **President** [Ano23b, Rut28g, Rut09i, Rut27e, Rut27j, Rut28a, Rut29j, Rut29k, Rut30a, Rut30h, Rut31a, Rut31e]. **Presidential** [Rut23p, Rut23s]. **Press** [Bro86, Dav37, Hei71, Szy85]. **pressure** [Hwa82, Hwa83, YHS97]. **Pretreatment** [ERM95]. **prevrashhenija** [Rez28]. **price** [CSW97]. **Principle** [Wer23]. **Prior** [Ale46]. **priority** [Ano18b]. **Prize** [Adl03, Ano09a, Ano09a, Clo18, Jar08a, Tho08a, Tho08b, Adl12, Ano08g, Ano36a, Ano37i, Ano46a, Ano16a, Cam00, CSW97, Far53, Far63c, FR13a, Jar08b, Lau37]. **Prizes** [Cra84, Ano08b]. **Probabilistic** [Bab71]. **probability** [RG10]. **probably** [Bre97]. **problem** [dB70]. **Problème** [dB70]. **Problèmes** [Rut05c]. **Problems** [Liv62, Zim69a, Zim69b, Kat15, Rut05c, Rut05f, Rut06d, Rut86]. **Proceedings** [Raz63, AK15, Stu79a, WH72, Bir61, Wel90, Hay63]. **process** [IYT⁺09]. **Processes** [Rut03g, STB⁺01]. **Produce** [RM00b, RM00a, RM01]. **Produced** [HS89, MR14, Rut99, Rut00a, Rut10f, Rut12f, Rut00c, Rut00d, Rut00f]. **Product** [Ano37i, Lau37]. **Production** [Bol06, Rut07i, Rut07e, Rut28c, BR11a, BR11b, BR11c, CAN88, Rut07b, Rut07k, RB15, BR11d, RB09]. **Products**

[MF11, Oak19, Rut05i, RP07, Rut04n, Rut04j, Rut05o, RR13b, Rut05g].
Produits [Rut05g]. **Prof** [Mos13b]. **Prof.** [Ano06, Ano08a, Rut28b].
profession [Ged16]. **Professor** [Cro74a, FR13i, Ano04b, Ano04c, Ano08d, Ano08e, Ano08f, Ano08g, Ano09a, Gri09, Hah62, Rut29f, Sod02, Sod03].
professors [Ble02]. **Profile** [Ano59, ATS86, Cle81, IYT+09, LRF86, ZCS+12]. **profiles** [MCJK90, PMCF+06, SLA+00, Win94]. **profiling** [BSS88, MBS+04, NJS+03, PPA+02, vIS89]. **Progress** [Rut33b, Ano33d, Ano18c]. **Project** [Mar61, Ree15a, Sch15]. **Projectiles** [Rut19a, Rut23a, Rut23b, Rut23c, Rut23d, Rut23e, Rut23f, Rut23g, Rut23h, Rut23i, Rut23j, Rut32a, Rut70a]. **Projector** [Eic72]. **Proof** [HS89].
Propagation [Hon98, Hon03, Rut26g]. **properites** [Eve05]. **Properties** [Rut05k, Rut06h, Rut08i, Rut10c, Rut10d, Rut24e, Rut24f, Rut24g, Rut24h, Rut28c, Cat93, CCJ+34, Mak08, Rut05m, Rut06i, Rut06j, Rut23a, Rut23b, Rut23c, Rut23d, Rut23e, Rut23f, Rut23g, Rut23h, Rut23i, Rut23j, Rut31f, Lor70a]. **Proportion** [RB05a, RB05b, RB06a, RB06b]. **propriétés** [CCJ+34]. **Prospect** [Ano23b]. **Protection** [Rut36g, Rut36j, Rut36k].
Proton [Ano19b, BP93, Muk19, Rom97, Ano17b, Cam19, CS19, Sut19, YHS97].
protonated [HW92]. **Protonen** [MMKS+80]. **Protons** [Ano32b, CW32, Elf14, OR33, OKR33, Clo18, Fel19, MMKS+80]. **prouton** [Rom97]. **Pt** [NBS+84, OaHNM98, SCP+91]. **Public** [Nic32, Rut34m].
Publications [Foc39, Pip01, Sin81, Stu79b]. **Published** [Aro66, Kay63, Seg62, Seg64, Seg66, Cam19]. **pulse** [Wie78]. **pulsed** [YHS97]. **Pumpkin** [Gus12]. **Pure** [Ano23b, Coo13]. **pursuit** [Sut19]. **Puts** [Ano38b]. **Pyrolytically** [ERM95].

Quaker [Sta03]. **quality** [KIS+89]. **Quanta** [Kle66, dB70]. **Quantentheorie** [Gam28, Gam29b, Hou30, Pol60]. **Quantenwelt** [Arr06]. **Quantitative** [Par96, PMCF+06]. **quantités** [RC12a]. **Quantities** [RC12b, Eve05, Rut05j, RC12a]. **Quantity** [JBS12]. **Quantum** [AH13, Arr06, Hon03, Nia98, Bai13, Cli65, Cli87, Con62, Gam28, Gam29b, Gam85, Hou30, KHFA67, PPA+02, Pol60, SC13, Tem89]. **quarks** [Clo18, Seg80a]. **quarter** [Ano33d, Rut33j]. **Québec** [Ano09b]. **quelques** [RC12a]. **questioners** [Cli65]. **questions** [And73]. **quote** [Ano50].

R [Ano81, Pia24, Sin81, Stu79b, Whe80, dB14]. **Race** [Dys05, Cat04]. **radar** [Fra05]. **Radiation** [FR13e, Hes00, Jor16, MM12, Pod10a, Rut97a, RO99, Rut99, RC03, Rut04g, Rut04h, Rut04o, Rut06b, Rut11a, Rut28c, Rut29a, AB09, Rut97c, Rut00d, RG02a, Rut06n, Rut17]. **Radiations** [MR14, Rut12f, Rut15i, Rut15g, Rut15h, Rut16b, RCE30, RCE51, Rut70c, Rut10b, RB02a, Rut12g, Rut13b, Rut13f, Rut13g, Rut29h, Rut35f, Rut35g, Rut35h, Rut35i, Poo52, Mil13, Sch31]. **radical** [Ano18a]. **Radio** [Ano08a, Bar06, MG12, McG84, MF11, Rut00c, Rut01c, Rut02b, Rut03c,

Rut04l, Rut04c, Rut04k, Rut05p, Rut05h, RB05b, Rut06a, RB06a, RB06b, RG08a, Rut13f, Rut13i, RC19, Rut70d, Rut04, Rut07a, Sod04, Cat93, Rut00g, Rut00b, RS02f, RS02j, vdB13, Tre79b]. **Radio-Active** [Rut04l, Rut05p, RG08a, Rut13i, MF11, Rut01c, Rut02b, RB05b, Rut06a, RB06a, RB06b, Rut13f, Rut00g, Rut00b, RS02j]. **Radio-Activity** [Ano08a, Bar06, MG12, Sod04, Rut00c, Rut03c, Rut04c, Rut04k, Rut05h, RC19, Rut70d, Rut04, Rut07a, RS02f, RS02j, Tre79b]. **radio-frequency** [Cat93]. **radioactifs** [RB06a]. **Radioactive** [Ano37i, Bad68, CDE⁺31a, CDE⁺31b, CDE⁺31c, Fre79, Hol30, Lau37, Poo52, Rut06b, Rut06e, Rut06f, RL07, Rut08a, RG08e, Rut08f, RR09d, Rut11c, Rut12g, Rut27f, RCE30, Rut35e, RCE51, Rut07b, Sch31, Tre71a, Tre76b, CR21, Mak08, Rut00e, Rut01b, RB02a, RG02a, RS02k, RS02l, RS02m, Rut02c, RG02b, RS02i, RS03a, Rut04m, Rut04i, Rut04b, Rut04a, Rut05b, Rut06n, Rut07h, Rut07j, RG08c, RG09b, RR09b, RR09a, RG11, Rut11e, Rut12a, Rut12b, Rut12c, Rut12h, RR13a, RR14, Rut27l, Rut27h, Lor70b, Rut10b, Ano31a, Mec14, RS03b, Rut03g, Rut13b, Rut13g, Hub13, Mil13]. **radioactiven** [Rut04a]. **radioactives** [Rut06b, Rut07h, RG08c, RR09a, Rut12b, Rut12c]. **radioactivists** [Hug93, Lon16c]. **Radioactivité** [Rut05c, Cur10]. **Radioactivity** [Adl97, Ano00b, Ast70, Bad65, Bar05, CR21, FR13g, GLR06, GLR12, GT95, Hug12, Kra12, Mon66, Roe95, Rom64, Rut00a, Rut01d, RA02b, RS02c, RS02i, RS03c, Rut03e, Rut05d, Rut07f, Rut08g, Rut11d, Rut22j, Rut22k, Rut22l, Rut22m, Rut22n, Rut22o, Rut22h, Rut22i, Rut35b, Rut35c, Rut36h, Rut37g, Sod03, Tan77, Tre71b, Tre71a, Tre75c, vG95, Bad69, RS02b, RA02a, RS02g, Rut02a, RS02k, RS02l, RS02m, Rut02d, RS02a, Rut02e, RS02h, Rut03h, RS03d, Rut03d, Rut04d, Rut05c, Rut05f, Rut06d, Rut09l, Rut24c, Rut32b, Rut86, Rut00f, Rut07a, Rut36f, Rut15, Fea70, Hei70, Hei71, Oes70]. **Radioaktive** [Rut13b, Rut00e, RL07, Rut13g]. **radioaktiven** [Ano31a, RG02a, Rut02c, RG09b, Rut11e, RR13a]. **radioaktiver** [Rut01b, Rut04b, Rut05b]. **Radioaktivität** [RS02b, RA02a, RS02a, Rut02d, Rut02e, Rut07a, Rut32b, Rut36f, Rut15]. **radioattività** [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, Rut05l, RB05b, Rut05k, Rut05i, Rut06c, RB06b, Rut06g, Rut06h, RP07, Rut07g, Rut07c, Rut07d, Rut07i, Rut07e, Rut08i, RR08b, Rut09a, RB09, RT09, Rut10e, Rut11g, RR12, RC12b, Rut12e, Rut13a, Rut14l, RdCENdCA14b, RdCENdCA14a, Rut15e, Rut19d, Rut21h, Rut24j, RW25, RWWW30, RWL31a, RLB33, Rut70b, Sla13, Bol05, BR11a, BR11d, BR11b, BR11c, DMPA08, Eve05, Har05, RS02d, RS02e, Rut03b, RS03d, Rut03f, Rut04d, RB04b, Rut04n, Rut04j, RB04c]. **radium**

[Rut05j, RB05c, RB05a, Rut05g, Rut05n, Rut05m, Rut05o, Rut06i, RH06a, 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, Sod08, Sod20, Sod22, Sod02, Sod04, Tod14, BR11a, BR11c, Ree16, Rut14j]. **Radium-emanation** [Rut04e]. **Radium-Standards** [CDE⁺31a, CDE⁺31b, CDE⁺31c]. **Radiumemanation** [Rut11h, RR12]. **Radiummengen** [Rut05j]. **Radiumnormalmasse** [Rut11e]. **Radiums** [Rut08b, Sod02, Rut06i]. **Radiumstrahlen** [Rut03b]. **Radon** [Bre00, MM03, RCRC04, Ste83]. **raggi** [Car98]. **Raman** [Cla13, Rut29i]. **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** [Eva96, FF17, BSS88, Rut26i, Rut26j, Rut26k, Rut26l, Sme97a]. **rare-earth** [BSS88]. **rarefied** [Rut29b, Rut29c, Rut29d, Rut29e]. **rassheplenie** [Rez23]. **Rate** [Ano23b, Rut97c]. **Rational** [Nia98]. **ratios** [PNFO88]. **Ray** [Coo13, Mos14a, Rut14k, Rut29a, Tre79b, 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, Ten20, Vas90, Win94, WVH⁺99, WYV⁺99]. **Rayleigh** [Cla13]. **rayonnement** [Rut06b]. **rayons** [Rut12b, Rut12c]. **Rays** [Ano22, Bau73a, Cha12, FR13g, GRR⁺31, Gen95, MD13b, MD13a, Nia98, Rut97a, RM00b, RM00a, RM01, Rut02b, RB04a, Rut04f, Rut05a, Rut05k, Rut06c, Rut06h, Rut09f, Rut10f, Rut11j, Rut12e, RdCENdCA13, RdCENdCA14b, RRR14, RdCENdCA14a, Rut15e, Rut27a, Rut27b, Rut27c, Rut27d, RWWW30, RE31, Rut32e, RB32, RWLB33, Rut66b, Lor70d, Tre76b, Bau73b, Car98, CK33, Rön58, Rut02c, RG02b, Rut03b, Rut03f, RB05c, Rut05e, Rut05n, Rut05m, Rut06i, Rut06j, Rut10g, Rut12a, Rut12b, Rut12c, Rut12h, RR13d, RR13f, RR13b, RR13e, Rut14g, Rut14h, Rut14f, RB15, RBR15, Rut18, Rut25c, Rut26b, Rut26c, Rut26d, Rut26e, Rut27l, Rut27h, Rut31d, Rut31c, Rut32d, Rut33i, Seg80a, TR96]. **razlozhenie** [Rez25]. **RBS** [Fow83, RMM⁺13]. **re** [Ano71b]. **re-evaluated** [Ano71b]. **reached** [Ano19]. **reaction** [And73, Cat93, FLP⁺89, HV84, MBS⁺04, Pae15a, SHAI09, STB⁺01, Whi82, ZWJ⁺02]. **Reactions** [Ang00, Kri16, Rut29i, MBS⁺04]. **reactive** [Rei79]. **reader** [HT10]. **Reading** [Ano38b]. **real** [SDD⁺08]. **real-time** [SDD⁺08]. **Realism** [Hug90]. **reality** [Jak79]. **Really** [Jen11, Sat18]. **realm** [Kae48]. **Reanalysis** [VV09]. **Reasonable** [Ach23]. **reasoning** [Lon03]. **Received** [Bad66, CSW97]. **Recensioni** [Mec14, dB14]. **Reception** [Tan77]. **Recognizes** [Ano23b]. **Recoil** [SHCK96, Tre75d, RRKH94, SHAI09, Sin93, YKH⁺84]. **Recollections** [Ano66a, Bat72, Dev71, Kap66a, Kap66b, Kap73b, Kap80d, Kay63, Lew72, Moo78, Oli72b, Tho36, Tho37c, Tho75, Tre73, Oli72a]. **recombination** [HFD⁺99, Rut97c]. **Reconstruction** [Nia98, NM12, RN04]. **Recorded**

[Sme97b, Kay63]. **records** [Sme97a]. **recovery** [ZWJ⁺02]. **Rede** [SR37]. **Reefton** [McC19]. **Reflection** [MD13a, RdCENdCA13, GM09, KBvB⁺05]. **Reflections** [Lew72, Tho36, Tho37c, Tho75]. **reflectometry** [PCK⁺08]. **Reflexion** [MD13b]. **refractory** [Her84]. **Refugee** [Seg85]. **regime** [HZ15]. **Region** [MKM⁺07]. **registration** [GR12]. **regular** [Elf14]. **Reichweite** [Rut31d, Rut31c]. **Reissue** [Poo52]. **Relations** [RC29]. **Relative** [RB05b, RB06b, RB06a]. **relativity** [Cha76, Wer23]. **Released** [OKR35b]. **Releasing** [Ano23b]. **Reluctant** [Kri19d]. **remains** [Wal18]. **Remark** [Her72, Rut33i]. **Remarkable** [Ano22]. **Remarks** [Rut03e]. **Reminiscences** [dCA68, Boh61, Hah62, Kay63, Wil60, Coc46]. **Reply** [MM04, Ano09a]. **Report** [CDE⁺31b, Rut08b, Rut27k, Rut34h, KHFA67, Rut15j, Rut15k, Rut15l, Rut25h, CDE⁺31a, CDE⁺31c, Mar61]. **reported** [Bey49]. **Reports** [Ano19, RSWE27, LRdB⁺23, CCJ⁺34]. **Represented** [Ano37j]. **Reprint** [Ano36b]. **reprints** [KT88]. **reproductions** [Wri64]. **Required** [RM00b, RM00a, RM01]. **Research** [Ano38b, EC13, FF17, Kri16, Rut11f, Rut27i, Rut30i, Tre79b, Ano23b, How58, RA45, Wei90, Ano09a]. **researchers** [Fla17]. **Researches** [Sod02, Rut33d, Rut33e, Lor70d, Rut70d, Lor70e, Sod03]. **Reservoir** [Wil15]. **resistance** [SCP⁺91, SDD⁺08]. **Resisting** [Kra11]. **Resolution** [LHB⁺09, NOSK08, Bha82, CFMO12, DGC07, HNS⁺11, HGM⁺94, IYT⁺09, NJS⁺03, NFM⁺07, NOH⁺10, NMSK13, OHN⁺09]. **resolved** [AAPN06]. **resonance** [FLP⁺89, Sin93]. **resonant** [HZ15, MBS⁺04]. **responsibility** [Bad05]. **Resting** [Ano18f, Wal18]. **Restless** [Rom60, Rom82]. **restoration** [Wil17]. **Result** [Ano22, Ano22]. **resulting** [HS39]. **Results** [Ano22, TGMR74, RA45]. **Retardation** [Rut06k, Rut06l]. **Retraction** [Kri19c]. **retrospect** [Stu79a]. **Return** [Ano08f]. **reversed** [HFD⁺99, RFF⁺01]. **reversed-field** [HFD⁺99, RFF⁺01]. **Review** [Ano12a, Ano60, Ano64, Aro65b, Aro65a, Aro66, Bad04a, Bat72, Bel82, Ble57, Bro86, Ano81, Ced00, Coc63, Coh40, Dro20, Dys05, Eck20, Fea70, Gar81, Hay63, Hei71, Her01a, Hil17, Hub01, Hub13, Ihd64, Jew19, Kri20, Lin40, Mos13b, Oes70, Ole81, Osg66, Pia24, Poo52, Raz63, Ree16, Sch31, See65, Seg62, Seg64, Seg66, Sei86, Sin81, Stu78, Swa40, Tre73, Tre75a, Tre75b, Tre76a, Tre77a, Tre85, Tur01, Vuc86, Whe80, Whe04, Ano33d, Cam85, Hei70, Hei77, Opp64, Pip01, Rut33j, HJS70]. **Reviews** [dCAH64, Bir57, Rut00b, Rut00c, Rut00d, Stu85]. **Revisited** [AH13, Stu00, Bre83, Cam09, HBA77]. **Revolution** [Kae48]. **revolutionaries** [Bru79]. **Rey** [Mon66]. **Rezerford** [Kap73a]. **Rh** [OaHNM98]. **RI** [Rut15i, Rut08g]. **rich** [LSN⁺09, SHAI09, KEJ87]. **Richard** [Clo18]. **Richardson** [Ano22]. **ricorrenza** [Car98]. **Right** [dCA37, Boh37, Bra37, Cha37, Eve37, Sch15, Smi37, Sod37, Tho37a, Tho37b, dB32, Ano18a, Ged16]. **Rise** [She83b, Tre71b, Ano18a, Hug93]. **rites** [Ano37j]. **road** [Cam11, McC19, Wad20]. **Robert** [Ano12a, BW80, Hei77, Sno67, Sno68, Rut33h]. **Rock** [Kae36]. **Role** [Kri19d, PPA⁺02, PCK⁺08]. **Romer** [Mon66]. **Röntgen**

[Coo13, Rut97c, Rut97a, RM00b, RM00a, RM01, TR96]. **Röntgenstrahlen** [RM00b]. **room** [DGC07]. **Roots** [Ano99]. **Rotation** [Moo78]. **Rowland** [Ble57, Ano60]. **Roy** [Eck20]. **Royal** [Rut36h, Ano18e]. **rozenija** [Kap73a]. **Rt** [Coh40, Swa40, Eve39]. **Rt.** [Eve13]. **Rückstreu** [MMKS⁺80]. **Rückstreu-Analysen** [MMKS⁺80]. **Runge** [Agu96, BB80, Far87]. **Russell** [Eck20, Ano16a]. **Russia** [Szy85]. **Russian** [Kap73a, Rez21, Rez23, Rez24, Rez25, Rez28, Rez29, Rez32, Rez38, Rez71, Rez72]. **Rutherford** [dCA37, Ano12a, Ano36a, Ano37h, Ano46a, Ano60, Ano64, Ano66e, Ano66b, Ano09b, Aro65a, Aro66, Bad04a, Bad04b, Bad09, Badxx, Bir57, Bir61, Ble57, Boh26, Boh37, Bra37, Bro86, Bru64, Bru79, Büh98a, Bur64, Cha37, Cha65, Cha14a, Cha14b, Cha14c, Coc63, Coh40, Cra71, Cro35, Dal50, Dav37, Eva39a, Eva39b, Eve37, Eve39, Eve13, FR13i, Foc37, Gar81, Gei38a, HM31, Hah37, 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, Ach23, 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, Ano16a, Ano17c, Ano17d, Ano18d, Ano18e, Ano19a, Ano21, Anoxxa, Anoxxb, Anoxxc, Anoxxd, App62, Aro65b, Ast70, Bad67, Bad68, Bad69, Bad71, Bad74, Bad75, Bad79a, Bad83, Bad85a, Bad85b, Bad87, Bad04b, Bad08, Bad09, Bal21, Bar85].

Rutherford
[BJW97, Bar83, 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].

Rutherford [Ear66, Eic72, 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].

Rutherford

[Kap73a, Kap66a, 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, Lüdl13, 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].

Rutherford [Opp64, OH64, 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]. **Rutherford**

[Ter67, Tes19, 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, Cam85, Ced00, Coh40, Fea70, Hei70, Hei77, 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, 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, Ano21, 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** [Cam85, 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]. **Skurriale** [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, Fea79, 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]. **sputer** [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** [SBEO86]. **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].
structure [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, Hei77]. **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, vBBGO90]. **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, Ano16b, 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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 [OKR35b, OKR35a, Rut06e, Rut06f, Rut11c, Rut35e, RL07, Lor70b, Rut07b,
 Hub13]. **Transformed** [Ano08a]. **transient** [CBZ⁺12]. **transition** [Yuh92].
Transmission [Rut01d, SSWB80a, Sad81, BKP⁺06, CSN⁺00, Lu87, Phi83,
 Pye78, Rut03h, SSWB80b, Wil83b, Rut02d]. **Transmutation**
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 OHR34a, OHR34b, Rom64, Rut34i, Rut37b, Rut38d, Rut38e, Lor70f, Rut70h,
 Rut38f, Cam19, Rut30g, Rut33a, Rut33h, Rut33j, Rut33d, Rut33e, Rut33f,
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 [Coo13, Kor12, RB15, RBR15, Rut17]. **Tungsten** [Bra98, KEJ87]. **tunneling**
 [FIY⁺99, LSN⁺09]. **Turn**
 [BS79, Ano81, Sin81, Stu79b, Whe80, Hei79a, Rig79]. **Turning** [Gre07].
Twentieth [Ano12a, Rut12a, VRWB12]. **Two**
 [Ano32b, Ano04, Ble02, Hon98, Lav14, Bar83, Oli66a, Oli66b, Oli85b]. **Type**
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U.S. [CAN88]. **Übertragung** [Rut02d]. **ucenyj** [Kap73a]. **ucitel** [Kap73a].
új [RA45]. **UK** [Fla17]. **Ultimate** [Ano32a, Kae36]. **Ultra**
 [GRR⁺31, Rut98, RMM⁺29, CFMO12]. **Ultra-Microscopic** [RMM⁺29].
Ultra-Penetrating [GRR⁺31]. **ultra-shallow** [CFMO12]. **Ultra-violet**

[Rut98]. **ultrathin** [HGM⁺94]. **Umwandlungen** [RL07].
Umwandlungsgeschwindigkeit [Rut11h]. **unbounded** [Kae48].
Undergraduate [Ear66]. **Underpinnings** [Hon98]. **underwater** [Rut16e].
UNESCO [Wil17]. **unfold** [FLK92]. **Uniformity** [Rut13i, Ish83]. **Unit**
 [Ale46]. **Universe** [Kae36, KT88]. **Universität** [Lüd13, Sod02].
Universities [Ano09a, Lon16b]. **University**
 [Ano12a, Ano12b, Ano09b, Bir61, Bro86, Cla06, Dav37, Eve06, Hah62, Hei71,
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 [Rut15j, Rut15k, Rut15l, Ano71c]. **Unlocked** [Ano32a]. **Unlocking** [Wen53].
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Unterschied [Rut04b, Rut05b]. **Untersuchungen** [Rut11h]. **Unwin**
 [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,
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 [Ano32a]. **vector** [Agu96, BB80, Far87]. **Vega** [Spe19]. **velocities** [RR14].
Velocity
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 [Rut16e]. **Victoria** [Bir61]. **Victorian** [NL00]. **Victorian-age** [NL00]. **view**
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 [Rut11h]. **viii** [Mos13b, Sin81, Stu79b, BR11c, Eve06, Rut99, Rut02f]. **VIII.**
 [BR11c]. **Villars** [Pia24]. **vinylpyridine** [HW92]. **violet** [Rut98]. **Viruses**
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Volts [Ano32c]. **Volume** [Aro66, BM66, FK85, Rut08h, Seg66]. **Vorlesung** [Rut21d]. **vs** [Hon98].

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X [Ced00, Adl97, And90, Bau73a, Bau73b, BBR80, Bra98, Bra61, Bur86, CYM⁺03, CSN⁺00, CCR85, DHS97, HV84, KKK⁺99, KBvB⁺05, KSKF93, MD13b, MD13a, Mos14a, PAF⁺98, Pip01, 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]. **XCIV** [Rut14f]. **XCIX** [RC25]. **XCVIII** [Rut12e]. **Xe** [Wan96]. **Xi** [RSWE27, Bro86, Stu85, Har07, Rut00f]. **xii** [Bat72, Stu85, Szy85, RT09]. **XIII** [Rut06j]. **XIX** [RB04c, Rut05m, Rut06l, RR13e]. **XL** [TR96]. **XLI** [RS02h, Rut06m]. **XLII** [RH06b, RC22]. **XLIII** [Rut03d, Rut12h, Rut16d]. **XLIV** [RS03d]. **XLVI** [Rut06k, dB32]. **XLVII** [Rut03e]. **XV** [Rut03f]. **XVI** [Rut01e, Rut10g]. **XVII** [Rut17]. **XX** [Rut95, RC12b]. **XXI** [Cha12, RR09d]. **xxii** [Hei71, Rut06n]. **XXIII** [Rut08h]. **XXIV** [RR08c, Rut24l]. **XXV** [Rut05n]. **XXVIII** [Rut21e]. **XXXI** [Rut14g]. **XXXIII** [RS02i]. **XXXIV** [RG02b, RR13c, Rut14h, RBR15]. **XXXV** [Rut97a, RB15]. **XXXVII** [Rut05o, Rut14i]. **XXXVIII** [Rut14j].

Yale [Bro86, Hei71, Szy85]. **Yarns** [Moo78]. **YBaCuO** [HGM⁺94]. **Year** [FR13j, Coc46, RC13, Ten20]. **Years** [Ano22, Ano32b, Ano45, Kri19a, Rog13, Rut38a, Rutxx, AK15, Ano95, Con62, DMPA08, EC13, Gam85, Gib17, HJS70, Kae48, Mor74, Sea88, Wel90, Wil60]. **Yesterday** [Ano09a]. **Yielding** [Ano32b]. **York** [Ble57, Dav37, Sin81, Stu79b]. **Young** [App62].

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[Ano08e] Anonymous. Professor Rutherford banquetted at Stockholm. *The Taranaki Herald [New Zealand]*, 54(13835):5, December 15, 1908. URL <http://paperspast.natlib.govt.nz/cgi-bin/paperspast?a=d&cl=search&d=TH19081215.2.40>.

Anonymous:1908:PRR

[Ano08f] Anonymous. Professor Rutherford return to Manchester. *Manchester Guardian*, ??(??):4, December 22, 1908. CODEN ????. ISSN 0307-756X. URL <http://pqasb.pqarchiver.com/guardian/doc/474857506.html>.

Anonymous:1908:PRW

[Ano08g] Anonymous. Professor Rutherford to whom the Bressa Prize has been awarded. *Manchester Guardian*, ??(??):7, March 21, 1908. CODEN ????. ISSN 0307-756X. URL <http://pqasb.pqarchiver.com/guardian/doc/474772218.html>.

Anonymous:1909:DPR

- [Ano09a] Anonymous. The dinner to Professor Rutherford in the Whitworth Hall yesterday to celebrate the award to him of the Nobel Prize for Physics [sic]. Professor Rutherford's work. Reply by the guest. Physics at Manchester universities. Research and discovery. *Manchester Guardian*, ??(??):8, February 10, 1909. CODEN ???? ISSN 0307-756X. URL <http://pqasb.pqarchiver.com/guardian/doc/474849957.html>. Rutherford's Nobel Prize is in *Chemistry*, not Physics.

Anonymous:1909:NSN

- [Ano09b] Anonymous. The new science; a New Zealander honoured. *The Taranaki Herald [New Zealand]*, 55(13861):5, January 12, 1909. URL <http://paperspast.natlib.govt.nz/cgi-bin/paperspast?a=d&cl=search&d=TH19090112.2.30.2>.

Anonymous:1909:RLD

- [Ano09c] Anonymous. Radium. Lecture by Dr. Home. *The Taranaki Herald [New Zealand]*, 55(14011):3, September 16, 1909. URL <http://paperspast.natlib.govt.nz/cgi-bin/paperspast?a=d&cl=search&d=TH19090916.2.46>.

Anonymous:1912:BRL

- [Ano12a] Anonymous. Book review: *Lectures delivered at the Celebration of the Twentieth Anniversary of the Foundation of Clark University, under the auspices of the Department of Physics*. By Vito Volterra, Ernest Rutherford, Robert Williams Wood, and Carl Barus. *Mathematical Gazette*, 6(99):354–355, July 1912. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL <http://www.jstor.org/stable/3605052>.

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- [Ano12b] Anonymous. The extension of the Physical and Electrotechnical Laboratories of the University of Manchester. *Nature*, 89(2211):46, March 14, 1912. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL <http://www.nature.com/nature/journal/v89/n2211/pdf/089046a0.pdf>.

Anonymous:1915:CA

- [Ano15] Anonymous. The constitution of the atom. *Science*, 41 (1048):160–162, January 29, 1915. CODEN SCIEAS. ISSN

0036-8075 (print), 1095-9203 (electronic). URL <http://www.jstor.org/stable/1640604>.

Anonymous:1919:AGR

- [Ano19] Anonymous. Alchemists' goal reached by Briton?: *Paris Matin* says Sir Ernest Rutherford has discovered transmutation. Ramsay made like claim but British chemist died without making full reports of his experiments. *New York Times*, ??(??):2, December 9, 1919. CODEN NYTIAO. ISSN 0362-4331 (print), 1542-667X, 1553-8095. URL <http://search.proquest.com/hnpnewyorktimes/docview/100384859>.

Anonymous:1920:PBA

- [Ano20a] 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

- [Ano20b] Anonymous. *Science and life. Aberdeen addresses*. Murray, London, UK, 1920. xii + 229 pp. LCCN ???? URL <http://krishikosh.egranth.ac.in/bitstream/1/2036416/1/12331.pdf>; <http://www.biodiversitylibrary.org/item/59715>.

Anonymous:1922:WTE

- [Ano22] 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/>.

Anonymous:1923:MBB

- [Ano23a] Anonymous. A miracle of broadcasting — the BBC’s biggest experiment. *Radio Times*, ??(??):??, September 28, 1923. Cited in [Wil83a, page 466], with the quote “An historic milestone in the History of Wireless was reached the other night by the broadcasting of the Presidential Address of the world famous scientist Sir Ernest Rutherford . . . It was the first occasion in this or any other country on which the voice of a public man had been transmitted simultaneously through six 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.”

Anonymous:1923:PES

- [Ano23b] Anonymous. Pictures electrons speeding in atom: Sir Ernest Rutherford says some whirl around at rate of 93,000 miles a second. He doubts atomic power. Sees no prospect of releasing immense stores of energy by rapid disintegration. Praises applied research. New President of British Association recognizes no distinction in favor of pure science. *New York Times*, ??(??):3, September 13, 1923. CODEN NYTIAO. ISSN 0362-4331 (print), 1542-667X, 1553-8095. URL <http://search.proquest.com/hnpnewyorktimes/docview/103179172>.

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Anonymous:1931:NVb

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Anonymous:1932:ATA

- [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. Cockcroft and Dr. E. T. S. Walton of Cavendish Laboratory, Cambridge explain work. *New York Times*, ??(?):1, May 2, 1932. CODEN NYTIAO. ISSN 0362-4331 (print), 1542-667X, 1553-8095. URL <http://search.proquest.com/hnpnewyorktimes/docview/99718000/>.

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Anonymous:1933:BAB

- [Ano33b] Anonymous. The British Association: Breaking down the atom: Transformation of the elements. *The Times [London, UK]*, ??(?):6, September 12, 1933. ISSN 0140-0460, 0956-1382.

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???? ISSN 0307-756X. URL <http://pqasb.pqarchiver.com/guardian/doc/483467389.html>.

Anonymous:1933:TAL

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Anonymous:1937:DLRb

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Anonymous:1937:DLRa

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Anonymous:1937:LRP

- [Ano37i] Anonymous. Lord Rutherford, physicist, is dead: British Nobel Prize winner, 66, famous as atom-smasher, dies after operation. High tributes are paid. Transmutation of elements was by-product of work in radioactive field. *New York Times*, ??(??):1, October 20, 1937. CODEN NYTIAO. ISSN 0362-4331 (print), 1542-667X, 1553-8095. URL <http://search.proquest.com/hnpnewyorktimes/docview/102092451>.

Anonymous:1937:NPT

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Anonymous:1938:LRL

[Ano38b] Anonymous. Lord Rutherford likened to Newton: Jeans, reading last speech of late scientist, hails him at Calcutta Congress. Puts him above Faraday. Address, written for meeting, calls on India to foster agricultural research. *New York Times*, ??(??):21, January 4, 1938. CODEN NYTIAO. ISSN 0362-4331 (print), 1542-667X, 1553-8095. URL <http://search.proquest.com/hnpnewyorktimes/docview/102745232>.

Anonymous:1938:OLR

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Anonymous:1945:MWK

[Ano45] Anonymous. Mr. W. Kay: 51 years as laboratory steward. *Manchester Guardian*, ??(??):6–??, December 27, 1945. ISSN 0307-756X.

Anonymous:1945:AKS

- [Ano46a] Anonymous. Award of the T. K. Sidey Summer-Time Medal and Prize [to Lord Rutherford of Nelson, O.M., D.Sc., F.R.S., F.R.S.N.Z., in 1933]. *Transactions and Proceedings of the Royal Society of New Zealand*, 75:482, 1945–1946. CODEN TRNZAS. ISSN 0035-9181. URL http://rsnz.natlib.govt.nz/volume/rsnz_75/rsnz_75_04_005710.html; <https://natlib.govt.nz/records/1039422>.

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- [Ano50] Anonymous. Foreword [with quote by Lord Rutherford]. *Physics Bulletin*, 1(1):1, 1950. CODEN PHSBB4. ISSN 0031-9112. URL <http://stacks.iop.org/0031-9112/1/i=1/a=002>.

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Anonymous:1964:ERL

- [Ano64] Anonymous. Essay review: *Lord Rutherford in Manchester. The Collected Papers of Lord Rutherford of Nelson. Vol. 2, Manchester* by H. Lipson, James Chadwick. *Science Progress (1933-)*, 52(208):666–668, October 1964. CODEN SCPRAY. ISSN 0036-8504 (print), 2047-7163 (electronic). URL <http://www.jstor.org/stable/43426630>.

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Anonymous:1966:RSEa

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Anonymous:1966:RSEc

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Rutherford:1923:PAE

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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

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Rutherford:1924:EDR

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Rutherford:1924:NA

- [Rut24d] Ernest Rutherford. The nucleus of the atom. *Engineering (London, UK)*, 117(??):458–459, April 1924. CODEN ENGNA2. ISSN 0013-7782.

Rutherford:1924:PGHa

- [Rut24e] Ernest Rutherford. Properties of gases in high and low vacua. *Engineering (London, UK)*, 117(??):330, March 1924. CODEN ENGNA2. ISSN 0013-7782.

Rutherford:1924:PGHb

- [Rut24f] Ernest Rutherford. Properties of gases in high and low vacua. *Engineering (London, UK)*, 117(??):365–366, March 1924. CODEN ENGNA2. ISSN 0013-7782.

Rutherford:1924:PGHc

- [Rut24g] Ernest Rutherford. Properties of gases in high and low vacua. *Engineering (London, UK)*, 117(??):387, March 1924. CODEN ENGNA2. ISSN 0013-7782.

Rutherford:1924:PGHd

- [Rut24h] Ernest Rutherford. Properties of gases in high and low vacua. *Engineering (London, UK)*, 117(??):429, March 1924. CODEN ENGNA2. ISSN 0013-7782.

Rutherford:1924:EAC

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Rutherford:1924:LHA

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Rutherford:1924:NADb

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Rutherford:1924:XCL

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Rutherford:1924:NADa

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Rutherford:1925:DAN

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Rutherford:1925:EM

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Rutherford:1925:MWX

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Rutherford:1925:SAa

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Rutherford:1925:SAb

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Rutherford:1925:SANa

- [Rut25f] Ernest Rutherford. Studies of atomic nuclei. *Engineering (London, UK)*, 119(??):437–438, April 1925. CODEN EN-GNA2. 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

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Rutherford:1925:ESM

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Rutherford:1926:LSE

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Rutherford:1926:ARAA

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Rutherford:1926:ARAb

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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

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tronic). 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:RGA c

[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:RGA d

[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, December 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

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Rutherford:1927:SRP

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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://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

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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

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<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

- [Rut30f] Ernest Rutherford. Back of frontispiece. *Scientific American*, 142(6):423, June 1930. CODEN SCAMAC. ISSN 0036-8733 (print), 1946-7087 (electronic). URL <http://www.nature.com/scientificamerican/journal/v142/n6/pdf/scientificamerican0630-423.pdf>.

Rutherford:1930:TM

- [Rut30g] Ernest Rutherford. The transmutation of matter. *Engineering (London, UK)*, 129(??):549–550, ??? 1930. CODEN ENGNA2. ISSN 0013-7782.

Rutherford:1930:APsb

- [Rut30h] Sir Ernest Rutherford, O.M. Address of the President, Sir Ernest Rutherford, O.M., at the Anniversary Meeting, November 30, 1929. *Proceedings of the Royal Society of London Series B*, 105(740):518–537, January 1, 1930. CODEN PRLBA4. ISSN 0950-1193 (print), 2053-9185 (electronic). URL <http://adsabs.harvard.edu/abs/1930RSPSB.105..518.>; <http://rspb.royalsocietypublishing.org/content/105/740/518>.

Rutherford:1930:IMF

- [Rut30i] Sir Ernest Rutherford, O.M., P.R.S. Intense magnetic fields and low temperature research. *Nature*, 126(3188):884–885, December 6, 1930. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL <http://www.nature.com/nature/journal/v126/n3188/pdf/126884a0.pdf>.

Rutherford:1931:APSa

- [Rut31a] Ernest Rutherford. Address of the President, Sir Ernest Rutherford, O.M., at the Anniversary Meeting, December 1, 1930. *Proceedings of the Royal Society A: Mathematical, Physical, and Engineering Sciences*, 130(813):239–259, January 1, 1931. CODEN PRLAAZ. ISSN 1364-5021 (print), 1471-2946 (electronic).

Rutherford:1931:GLD

- [Rut31b] Lord Rutherford. Goettingen lecture 14 December 1931. Audio recording, December 14, 1931. URL <https://vimeo.com/18514971>.

Rutherford:1931:TGR

- [Rut31c] Lord Ernest Rutherford. α -Teilchen grosser Reichweite und die Entstehung der γ -Strahlen. (German) [α particles and long range origin of γ rays], volume [Jg. 82.] 1931, Fachgr. II, Nr 19, 1931 of *Sonderdrucke aus den Nachrichten von der Gesellschaft der Wissenschaften zu Göttingen: Mathematisch-physikalische Klasse*. Weidmann, Berlin, Germany, 1931. 248–251 pp. LCCN ????

Rutherford:1931:ATG

- [Rut31d] Lord Ernest Rutherford. α Teilchen grosser Reichweite und die Entstehung der γ Strahlen. (German) [Long range α particles and origin of γ rays]. *Nachrichten von der Gesellschaft der Wissenschaften zu Göttingen. Mathematisch-Physikalische Klasse*, 19:248–251, 1931. URL http://gdz.sub.uni-goettingen.de/dms/load/img/?PPN=PPN252457811_1931&DMDID=DMDLOG_0046&LOGID=LOG_0046&PHYSID=PHYS_0254.

Rutherford:1931:APSb

- [Rut31e] Sir Ernest Rutherford, O.M. Address of the President, Sir Ernest Rutherford, O.M., at the Anniversary Meeting, December 1, 1930. *Proceedings of the Royal Society of London Series B*, 107(752):348–368, January 1, 1931. CODEN PRLBA4. ISSN 0950-1193 (print), 2053-9185 (electronic). URL <http://adsabs.harvard.edu/abs/1931RSPSB.107..348>; <http://rspb.royalsocietypublishing.org/content/107/752/348>.

Rutherford:1931:HP

- [Rut31f] The Right Honourable Lord Rutherford, O.M., F.R.S. Helium and its properties. *Nature*, 128(3221):137–138, July 25, 1931. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL <http://www.nature.com/nature/journal/v128/n3221/pdf/128137a0.pdf>.

Rutherford:1932:APT

- [Rut32a] Ernest Rutherford. Atomic projectiles and their applications. *Nature*, 130(3289):730–731, November 12, 1932. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL <http://www.nature.com/nature/journal/v130/n3289/pdf/130730d0.pdf>.

Rutherford:1932:EFR

- [Rut32b] Ernest Rutherford. Erinnerungen an die Frühzeit der Radioaktivität. (German) [Memories of the early days of radioactivity]. *Zeitschrift für Elektrochemie*, 38(7 (or 8a??)): 476–480, July 1932. CODEN ZEELAI. ISSN 0372-8382.

Rutherford:1932:BF

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Rutherford:1932:OGRa

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