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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, Rom91]. **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, Rom91]. **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** [WVH⁺99, DY68, RPKH94, 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].

Founder [Boh61]. **Four** [Ada72, Kis82]. **Fourier** [TGDS99]. **Fragments** [HS89, Sch33]. **française** [Mon66]. **Franck** [Gea14a, Gea14b]. **Francois** [Tes19]. **Frederick**
[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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function [NBG⁺84]. **fund** [Fla17]. **fundamental** [Bey49]. **funds** [Rut34m]. **Funeral** [Ano37e, Ano37j]. **Furnace** [Cho01]. **Further** [MSB⁺37, RC24b]. **fusion** [Ten20].

G [Eck20, Hei74, Mon66, Rut16a, Sno67, Sno68, Tre75b]. **Ga** [GRS⁺91, PAF⁺98, WVH⁺99]. **GaAs** [Bha82, CGL⁺94, Eld85, GHCA91, KG91, LxW99, MB90, TF89, Wuy91, ZCS⁺12]. **gain** [Ano18a]. **GaInAs** [Sha87b]. **GaInP** [BBR80]. **Galilei** [Büh98b]. **Galileo**

[Büh98b, Cro01, Sha87a]. **game** [Lew02, Ree15a]. **game-changer** [Ree15a].
Gamma
 [RB04a, Rut15e, Rut32e, Lor70d, Tre76b, CBZ⁺12, RR13d, Rut32d, Wen53].
Gamma-Rays [Rut32e]. **GaMnAs** [ZCS⁺12]. **Gamow** [Har01]. **GaN**
 [CCR⁺03, IOI⁺11, LCL⁺04, PPA⁺02, WCZ⁺02]. **GaP** [KG91]. **Gas**
 [Ano22, RB01, RB02b, Rut29i, GR89]. **Gasen** [RM00b]. **Gases**
 [Cha12, Rut97a, RM00b, RM00a, RM01, Tho03, Tho06, TT33, TT69, Rön58,
 Rut97c, Rut01e, RN13, Rut24e, Rut24f, Rut24g, Rut24h, Rut26i, Rut26j,
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 [Sod02]. **Geiger** [Kor12, Ano71b, Boa07, Glo20, Kor12, TGMR74].
Geiger-Müller [Kor12]. **General** [NM12, RN04, Hei34, Wer23]. **générales**
 [Hei34]. **generation** [RR12, Rut16e]. **generations** [Ada72]. **Genius**
 [Ree08, Cam09, Mac11, Wil83a, Sei86, Stu85, Cam85, Tre85]. **geniuses**
 [Mil95]. **gente** [Sno68]. **geodynamics** [EMR07]. **Geometrical** [Liv62].
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geopolitical [Ree15a]. **George** [Bur64, Sno67, Sno68, Ano59, Har01, O'H75].
geringer [Rut05j]. **German**
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 Gam29b, Gei38a, HM31, HS39, Har38, Hou30, Kor12, Lüd13, MMKS⁺80,
 Pol60, RM00b, Rut00e, Rut01b, RS02b, RA02a, RG02a, Rut02c, Rut02d,
 RS02a, Rut02e, Rut03b, Rut04b, Rut04a, Rut05j, Rut05b, Rut06i, Rut07g,
 Rut07a, RL07, Rut08c, Rut08d, Rut08b, Rut09b, Rut09c, RG09b, RG09a,
 Rut09d, Rut10a, Rut10b, Rut11e, Rut11h, RR12, Rut13b, RR13a, Rut13g,
 Rut21d, Rut24a, Rut24b, Rut31d, Rut31c, Rut32b, Rut36f, Rut15, Sod02,
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 [RR13a]. **GeSe** [REJ86]. **get** [Jar08a, Jar08b]. **gettering**
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 [Rut09f, DJBW83, Rut10g]. **glasses** [STB⁺01]. **Glimpsing** [Cat12]. **global**
 [Ree15a]. **glorious** [How58]. **Glow** [Jor16]. **Glowing**
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 [Gre07, HHAMS93, LHNG14, Man82]. **golf** [Man76]. **good** [Bat72].
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 [Ano32c, Foc37, Focxx, Sat18, Ano37d]. **green** [Wil15]. **grosser**
 [Rut31d, Rut31c]. **Group** [Dys05, Far01, Rut12e, Cat04]. **Groups**

[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].

H [Ano64, Pia24, Sno67, Sno68, YKH⁺84, YKH⁺84]. **H.** [Hei74, Rut16a]. **Haas** [Pia24]. **Hadron** [Giu12]. **hafnium** [IYT⁺09]. **Hahn** [CSW97, CSW97, Hah67b, She83a, She83b, Tre83]. **Hails** [Ano38b]. **hall** [NL00, Ano09a, CYM⁺03]. **haloes** [JR13]. **Hammarskjöld** [Sno67, Sno68]. **Handbook** [Rut13b]. **Handbuch** [Rut13b]. **Hans** [Glo20]. **hard** [CK33, Rut33i]. **hardback** [Pip01]. **Hardy** [Sno67, Sno68]. **Harnessing** [Sla13]. **Harriet** [DeB19, Ged16, Mor84, Nix19, RCRC89, RCRC92, RC04, RCRC05]. **Hartcup** [Sei86, Sen87, Stu85]. **harvest** [Bra09]. **Haven** [Bro86, Hei71, Szy85]. **Hawking** [Ano18f, Cro01, Sat18, Wal18]. **headquarters** [Bri31]. **Heal** [Sta03]. **Heat** [Rut05l, RR12]. **Heating** [RB03a, RB03b, RB04a, Rut04e, RB04b, RB04c, RB05c, RR13c]. **heavily** [Lu87]. **Heavy** [OKR33, OHR34a, OHR34b, Rut33c, RK34, RSA⁺34b, RSA⁺34a, Rut38f, GHCA91, RRKH94, RR95, Rut37e, Rut37f, Lor70f]. **heavy-ion** [GHCA91, RR95]. **Heights** [Ben20]. **Heilbron** [Bad04a]. **Heinrich** [BHN98]. **Heisenberg** [Lak96, Bre97]. **Held** [Bir61, Meh73, Tre75b, CCJ⁺34, LRdB⁺23, Sod02]. **Helium** [Ano08a, Ano32b, BR11a, BR11c, Rut03a, RB09, Rut31f, Rut37d, Rut66a, Lor70a, BR11d, BR11b, BVI88, KY11, Rot74, RC27, BR11b]. **helium-**[BVI88]. **helium-ion** [KY11]. **Hendry** [Stu85, Sei86]. **Henri** [Gen95]. **Henry** [Eck20, Hei08, Jew19, Ole81, FF17, Rut15c, Rut37a, Rut14]. **her** [Ged16]. **here** [Bre97, Kay63]. **heritage** [Wil17]. **Hertz** [BHN98, Gea14a, Gea14b, Hon98]. **hervorgerufene** [RA02a]. **hexafluorophosphate** [OHN⁺09]. **HfO** [NJS⁺03, NFM⁺07]. **HfSiON** [MBS⁺04]. **Hg** [Con82, WZS⁺91, Win94]. **Higgs** [Kra14a]. **High** [Ano22, EMVK90, HGM⁺94, IYT⁺09, LHB⁺09, Mos12b, Mos13a, Mos13c, Mos14b, NOSK08, Rut94, Rut5, RP07, Rut27g, Rut28c, Rut29a, Bha82, CFMO12, DGC07, FLP⁺89, HNS⁺11, KB93, NJS⁺03, NFM⁺07, NOH⁺10, NMSK13, OHN⁺09, RR95, Rut24e, Rut24f, Rut24g, Rut24h, TCZY97, Ano37i, Lau37]. **High-Energy** [EMVK90, RR95]. **High-Frequency** [Mos13c, Mos14b, Rut94, Rut5, Rut28c]. **High-Resolution** [NOSK08, HGM⁺94, IYT⁺09, CFMO12, DGC07, HNS⁺11, NJS⁺03, NFM⁺07, NOH⁺10, NMSK13, OHN⁺09]. **high-temperature** [FLP⁺89]. **Hilger** [Stu85]. **Him** [Ano09a, Ano38b, RCO⁺54]. **Hiroshima** [Pre05]. **Histoire** [Mon66]. **história** [dAMxx]. **Historic** [Ano18c, Coh97, She17, Wal18]. **Historica** [Cle19, Won20]. **Historical** [Seg85, Rön58]. **Histories** [Pei97b]. **historiografia** [dAMxx]. **historiography** [dAMxx]. **History**

[Adl97, Anoxxb, Anoxxc, Bal15, Cle19, Dyl20b, Eva96, Gar81, Her72, HHK87, Kap80b, Kri16, Kri19a, O’C17, RN04, Rut19c, Rut23n, Rut24j, Rut33b, Sin81, Stu78, Stu79b, WP85, Ber07, FH60, Glo20, GA71, Har05, Kim02, KHFA67, Leo05, dAMxx, Rut12a, Rut23m, Rut70b, Tod14, Tre77b, WH72, NP38, NP40].
hit [Ano18a]. **Hitting** [Kow53]. **Hodder** [Stu85]. **Home** [Ano09c]. **Hon** [dCA37, Boh37, Bra37, Cha37, Coh40, Eve37, Eve39, Eve13, Smi37, Sod37, Swa40, Tho37a, Tho37b, dB32]. **Honorary** [Lüd13]. **Honors** [Ano10].
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illustrated [Bri31]. **illustrations** [RA45]. **illusztrációkkal** [RA45]. **im** [Sod02]. **image** [LHNG14, Pye78]. **images** [Tab97]. **IMFP** [Fow83].
imidazolium [NMSK13]. **imidazolium-based** [NMSK13]. **imide** [NOSK08, NOH⁺10]. **Immense** [Ano23b]. **Immersion** [KT84].
implantation [BPSW91, PAF⁺98]. **implanted** [BKP⁺06, Bha82, CFMO12, FTT96, GRS⁺91, KBvB⁺05, KG91, Rot74, SSWB80a, Sad81, TJRS03, WCGC86, Whi82, ZWJ⁺02]. **Implications** [Ang00, Nia98, NM12, RN04]. **Importance** [Bad71, Ble99]. **important** [Wil15, Won20]. **Improvement** [HNS⁺11]. **Improvements** [BR16]. **InAs** [Sar79]. **inaugurated** [Sie11]. **incidence** [Wan96]. **incident** [BP93].
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infrared [Sin93, TGDS99]. **InGaN** [PPA⁺02]. **InGaN/GaN** [PPA⁺02].
initial [DGC07, HV84]. **injustice** [CSW96]. **Inner** [Ree06]. **Innocence** [Stu18]. **Innovation** [Whe18]. **InP** [Phi83]. **Inquiry** [Gib19]. **Inscribing** [Dea03]. **institut** [CCJ⁺34]. **Institute**

[CCJ⁺34, Hei77, WH72, EC13, Rut13e, Whe18]. **Institution** [Rut36h]. **Int** [Rut05c]. **integrated** [Gro89]. **Intense** [Rut27g, Rut30i, FLK92, LSK⁺88, SML91, YHS97]. **intensité** [Rut06b]. **Intensity** [Rut06b, Rut06n]. **Interaction** [CK33, Rut33i]. **intercalation** [ESRDV84]. **Interdiffusion** [IFS194, FIY⁺99]. **interdiffusions** [SCP⁺91]. **Interest** [Bar71]. **Interface** [KSKF93, PCK⁺08, ATS86, HV84, IOI⁺11, NJS⁺03]. **interlayer** [LCL⁺04, PCK⁺08]. **intermixing** [PPA⁺02]. **International** [Bir61, CDE⁺31b, Dys05, Hay63, Meh73, Raz63, Cat04, CCJ⁺34, Kat15, Rut11b, Rut14j, CDE⁺31a, CDE⁺31c, Rut13c, Rut13d, Rut13e, Rut14l]. **Interpretation** [Ano94, Rut34o, Stu94, Bab71, Sod08, Sod20, Sod22, Sod04]. **Interpreter** [Rus56a]. **Interred** [Wal18]. **Intra** [Sod13]. **Intra-atomic** [Sod13]. **Introduction** [She83a, Rön58]. **invention** [Kat12]. **inventory** [KHFA67]. **Invents** [FR13f]. **inverse** [HBA77]. **investigate** [HW92]. **investigated** [CBZ⁺12, SPL⁺08]. **Investigation** [BPSW91, ERM95, STB⁺01, TMO⁺95, WZS⁺91, WV07, RS02k, RS02j, RS02l, RS02m, RS02i]. **Investigations** [Rut11h]. **Ion** [Bau73a, EMVK90, RM00b, RM00a, RM01, vBBGO90, vBBD⁺92, Bau73b, BPSW91, Cle81, CSN⁺00, DJA⁺04, DBvdV87, FLK92, FTT96, GHCA91, Gro89, HKH96, KBvB⁺05, KY11, LSK⁺88, MB90, NMSK13, PAF⁺98, RRRKH94, RR95, Reu81, STB⁺01, SML91, TMO⁺95, TF89, TJRS03, Wil83b, WVD⁺96, vBD89]. **ion-beam** [FLK92, SML91]. **ion-beam-synthesized** [WVD⁺96]. **ion-implanted** [KBvB⁺05]. **ion-induced** [Bau73b]. **Ionen** [RM00b]. **ionic** [NMSK13]. **Ionisation** [RA02a]. **Ionization** [RA02b, RA02a, Rut02a]. **Ions** [MR14, OKR33, Rut01a, RRRKH94, Rut97c, WZS⁺91, Wan96, ZB74]. **iridium** [And90]. **Iron** [Rut94, Rut5, TMJ⁺99, WCGC86]. **Irradiated** [HS89, LxW99]. **irradiation** [HS39]. **ISBN** [Bro86, Ced00, Pip01, Stu85]. **Iskusstvennoe** [Rez23, Rez25]. **Island** [Lig18, HZ15]. **Isolation** [Jen85]. **Isotope** [OKR33, RK34, Tan77, Eid48, Gan18b]. **Isotopes** [HS89, Rut37d, Wil64]. **Italian** [Car98, Seg76]. **Italy** [Meh73]. **IV** [dR92, Mos13b, Coh92, Far01, RS02m, Rut03h, Rut19h, Rut22m, Rut26e, Rut26l, Rut27d, Rut29e, Rut30e, Rut35i, Rut10a]. **IX** [RG08e]. **Izbrannye** [Rez71, Rez72].

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 [ATS86, Bur86, Hwa82, Hwa83, Vas90, Wan96]. **Nitrogen**
 [Ano22, Rut19h, RRRKH94, Rut10a, Whi82, Rut19g]. **niveis** [dAMxx]. **No**

[Ano23b, Ano09c, Kra76]. **Nobel** [Adl03, Ano37i, Clo18, How58, Jar08a, Lau37, Adl12, Ano08b, Ano09a, Ano09a, Ano16a, Cam00, Cra84, CSW96, CSW97, Far53, Far63c, FR13a, Jar08b, Kri19c, Tho08a, Tho08b]. **Nobelpreis** [CSW97]. **Nobelpreisträger** [Tho08a]. **Nomenclature** [Rut10e, Rut13i, RG11]. **Non** [Ole81, RRKH94, BP93, LMC97, Low79]. **Non-Rutherford** [RRKH94, BP93, LMC97]. **Non-Technical** [Ole81, Low79]. **Nondestructive** [BSS88]. **Normal** [Rut11e, WZS⁺91]. **North** [Whe18]. **Northern** [Whe18]. **Northumberland** [Ano17b]. **Notable** [Kha20]. **Note** [Dem03, RS02d, RS02e, Rut05d, Rut11f, Rut12c, Rut29f, Rut16e, Rut05j]. **Notes** [AG13, Ano02, Cha64, Eic72]. **nötige** [RM00b]. **novel** [DM96, Nic32, Rut16e]. **November** [Ano48, Lov75, Rut27e, Rut27j, Rut28a, Rut28g, Rut29j, Rut29k, Rut30a, Rut30h, Rut30h, Rut37a, Rut14]. **Novodobá** [Rut38b]. **noyau** [Hei34]. **noyaux** [CCJ⁺34]. **Nuclear** [AK11, All64, dCA56a, dCA56b, dCA58, Ang00, Ano94, Ano00b, Ano11, Anoxxa, Anoxxd, Bad83, BB36, Boh61, Bri65, CT65, DeB19, DMPA08, Dyl20a, Fre12, Gam30, Gea62, Gra64, Hug12, Jen00, Kri16, Kri19d, Lav14, Mas72, Nix19, OKR35b, OKR35a, RCRC92, Rom60, Rom82, Rut20g, Rut20e, Rut66c, Sea88, Seg85, Sei86, She83b, Stu94, Stu18, Ten20, Tre75a, Wat93, Ada72, AG13, And73, Ano17d, Bad05, Bey49, Cam11, Cat93, CAN88, FLP⁺89, Gan18a, Gar62, GA71, Hei67, Her77, Hug93, Hug00, Kae48, Leo05, MBS⁺04, NBG⁺84, Oak19, Pae15a, RCRC89, RCRC90, RC13, Ree15a, Rut21d, RA45, SHAI09, Shi72, STB⁺01, Sie11, Stu83, WH72, Wen53, Whi82, ZWJ⁺02, vW35, Rez21, Stu79a]. **nucleation** [FGM⁺00]. **Nuclei** [BB36, CR12, Gam29a, Rut25a, Rut25g, Rut26f, Rut27f, RAC⁺29, RCE⁺32, RJ65, Rut70e, Rut70g, CK33, CCJ⁺34, Fel19, MDJF83, Rez28, Rut25f, RC25, Rut30b, Rut30c, Rut30d, Rut30e, Rut33i, Rut34g, ZB74]. **nucleosynthesis** [Cot10]. **Nucleus** [Ano06, FR13f, FR13j, Kow53, Kra12, Pei53, Rut70f, Stu86b, Cat12, Gam28, Hei34, Hou30, LSN⁺09, Pae15b, Rez29, Rez32, Rut24d]. **Nuklearnoe** [Rez21]. **Number** [Dar56b, Mar61, Mos12a, MR14, RG08a, RG08e, Dar56a, GF10, Lee98, Stu00]. **Numbering** [Jaf71, Jaf72, Sar27]. **numération** [RG08c]. **nur** [CSW97].

O [Cat93, Coh40, IFSI94, KKK⁺99, OaHNM98, Rez29, Rez32, FGM⁺00, FIY⁺99, IFSI94]. **O.M** [dCA37, Ano36a, Ano37h, Ano46a, Ano66b, Boh26, Boh37, Bra37, Cha37, Cro35, Eva39a, Eva39b, Eve37, Rut28a, Rut28g, Rut29j, Rut29k, Rut30a, Rut30h, Rut31a, Rut31e, Smi37, Sod37, Tho37a, Tho37b, dB32]. **O.M.** [Eve39, Eve13, Swa40]. **Oaks** [Wel90]. **obey** [MDJF83, ZB74]. **Obituary** [dCA37, Boh37, Bra37, Cha37, Eve37, M.39, Rut28b, Rut34f, Rut35j, Smi37, Sod37, Tho37a, Tho37b, Clo18, Dit80, Lab38, Lai37, Mar38, Mil38, Tho70, Ano38c, SR37, Som38]. **oblique** [Wan96]. **obras** [dAMxx]. **Observation** [NOSK08, NOH⁺10, OHN⁺09, NFM⁺07]. **observed**

[CFMO12, OHR34a, OHR34b, RC24c]. **Obtained** [Ano06, LFA⁺04, SLA⁺00]. **Obtaining** [Mos12b]. **October** [CCJ⁺34, Far01, Stu79b, Wel90]. **octobre** [CCJ⁺34]. **offers** [Bod20]. **office** [Ano18a]. **Ogni** [Sno68]. **ohmic** [Wuy91]. **Old** [Kae36, NL00, Rut35c, Ano09c, Ten20]. **Oliphant** [Bat72, Sei86, Tre73]. **Once** [Ano32b, Tre75d]. **One** [AK15, Ell60, Gib19, Ano18c, Jar08b, Lew02]. **Only** [Ano32b, CSW97]. **Onnes** [Pia24]. **Onward** [Ano32a]. **open** [Ten20]. **Opening** [Rut09e, RCE⁺32, RSA⁺34b, RSA⁺34a, Rut34g]. **opens** [Ano18d]. **Operation** [Ano37i, Lau37, Ano37c]. **Opinion** [Wil15]. **opportunity** [EMR07]. **Opposition** [Kra11]. **Optical** [CR12, RMM⁺13]. **optics** [SC13]. **Optimized** [SWZ⁺05, SML91]. **Optimum** [BELG68]. **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]. **Overturnd** [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, Rom91, 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]. **particles** [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]. **Personalities** [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, Böh98b, 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, Rom91]. **Physik**

[Büh98b, 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, RCRC89, 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]. **rasshheplenie** [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, RRRKH94, 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, Wel90, 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]. **rozsdenija** [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].

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[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, Lüid13, 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, RCRC89, Sat18]. **Scientists**
 [Ano06, Ano22, Ano32b, Ano33a, Ano37k, DG99, Dys05, Kae36, Rog10,
 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]. **Skurrile** [Arr06]. **slept** [Bre97]. **Slow** [Rut04j, Rut05i, Rut05g, Rut04n, Rut05o]. **small** [Kru75, Man77]. **small-angle** [Kru75, Man77]. **Smaller** [Rut02f, Rut05j]. **Smash** [Kae36]. **Smasher** [Ano37i, Lau37]. **Smashing** [Ano32a]. **Sn** [CFMO12]. **sobre** [dAMxx]. **social** [Bad05]. **Society** [Ano18e, Gib19, Rut36k, SG85, Gri09, RCO⁺54, Rut36j]. **Soddy** [Ano09b, Fle57, Gar81, How58, Kau86, Mon66, Stu78, Ano10, Asi64, Ble02, Coh97, Far63b, Fre79, Gan18b, Gus12, How58, Jen85, Ken63, Mer96, Pan57, Pan64, Rus56b, Rus56a, Rus61, Tan77, TG36, Tre71a, Tre77b, Whe04, Wil64, Wil69]. **Soft** [RdCENdCA14a, Rut14f, SER⁺01]. **softened** [TGP11]. **Solar** [Ree06]. **sole** [Ril70]. **Solid** [CFMO12, DJBW83]. **Solution** [Ano32a]. **Solutions** [Rut05d]. **Solvay** [CCJ⁺34, Far01, CCJ⁺34, Str11]. **Some** [dCA68, Ano23b, Boh61, Cha64, Dal50, Eve06, Fea77, 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, Rut14i]. **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, vBGO90, vBBD⁺92]. **temperatures** [vBD89]. **ten** [Ano18c, DMPA08, NP38, NP40]. **tens** [HKH96]. **tenu** [CCJ⁺34, LRdB⁺23]. **term** [Gan18b]. **Terms** [Mar72]. **Test** [Ree06]. **Tests** [Ano32b]. **tetrafluoroethylene** [EMVK90]. **tetragonal** [WCZ⁺02, ZCS⁺12]. **Texas** [Wei90]. **Textbooks** [Nia98, NM12, RN04]. **TEXTOR** [TvBO⁺92, vBGO90]. **Thaddeus** [Gar81, Stu78]. **Thales** [Lak96]. **Theater** [Hil17]. **Their** [Hon98, Kae36, Mil13, Ole81, Rut19a, Cla13, Mak08, PMCF⁺06, Rez28, Rut11e, Rut12g, Rut13b, Rut13f, Rut13g, Rut23a, Rut23b, Rut23c, Rut23d, Rut23e, Rut23f, Rut23g, Rut23h, Rut23i, Rut23j, Rut26f, Rut26g, Rut30b, Rut30c, Rut30d, Rut30e, Rut32a, RB32, Rut70a, Seg80a]. **Theoretical** [Hon98, Lon03, Meh73, Hei34]. **Theorie** [Rut09b, Rut09c, vW35]. **théoriques** [Hei34]. **Theorist** [SM08]. **Theory** [Ang00, Ano32b, Gea14a, Kap74, Kap80a, KH23, Mon66, Mot72, Rut10f, Rut11a, Rut29i, Rut37g, Rutxx, Sod04, Tre71b, Tre71a, Tre75c, Tre75d, Cha76, Cli65, Cli87, Gam28, Gam29b, Gam85, Hou30, Lev17, Pol60, Rut09k, Rut09b, Rut09c, Rut36f, Rut36h, Sch57, vW35]. **Therapy** [Sla13]. **there** [Spe19]. **thermal** [GHCA91, Lu87, PMCF⁺06]. **Thermodynamics** [Kle66]. **thick** [ZCS⁺12]. **thickness** [CSN⁺00, CCR85]. **Thin** [JBS12, LHB⁺09, Mar61, SCP⁺91, And90, Bur86, Cat93, DHS97, DJBW83, FGM⁺00, FIY⁺99, GR89, HV84, IFSI94, IOI⁺11, KKK⁺99, PBFt83, Reu81, Sim82, SDD⁺08, TMJ⁺99, WVCW76]. **Thin-film** [SCP⁺91, HV84, Sim82]. **things** [Bat72, Bro18, Mor18]. **third** [HBA77]. **third-power** [HBA77]. **thirteen** [Bey49]. **thirties** [Hen84, Sei86, Stu85]. **Thirty** [Gam85, Rut33h]. **thirty-fifth** [Rut33h]. **Thomas** [Dea03]. **Thomson** [Kra14b, Lak96, Rön58, Whe04, Kub11]. **Thorium** [FR13e, HS89, RO99, Rut00a, RS02c, RS02i, RW16, RWWW30, RWL31b, ESWW82, Flo70, GF10, Rut00g, Rut00b, Rut00c, Rut00e, Rut00f, RS02d, RS02e, RS02f, RS02k, RS02j, RS02l, RS02m, RS03d, RH06b, Rut11d, RR13b, Rut16d, Rut21g]. **Thoriumverbindungen** [Rut00e]. **those** [RCO⁺54]. **Thousand** [Ano22].

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W [Ano45, Ano81, Pia24, dB14, FGM⁺00, Gro89]. **W.** [Rön58]. **W/TiNy/TiSiz/Si** [Gro89]. **waged** [Mor18]. **Wall** [Ano00b]. **Walton** [Ano32b, DYF67]. **Wandering** [Rut34n]. **War** [Bad05, Hag17, Pri08, Sta03, Kat15, BC16]. **warfare** [Mor18, Rut15j, Rut15k, Rut15l]. **warheads** [CAN88]. **Wärmeentwicklung** [RR12]. **Wars** [Stu18]. **wartime** [CSW96]. **Warum** [CSW97]. **Was** [dCENdCA58, Ano37i, Kae39, Lau37, Sat18, Bad66, She17]. **Wasn't** [Kri19e]. **waste** [STB⁺01]. **Water** [BR16, RR08d, Rut15d]. **watershed** [RC13]. **Watson** [Stu79b, Gri09]. **Wave** [NM12, DBE⁺85, Rut14f, SC13]. **wave-length** [Rut14f]. **Wave-particle** [NM12]. **Wavelength** [RdCENdCA14a]. **Waves** [Rut96b, Rut97b, Rut26g, Rut96a, Rut16e]. **Way** [Ano22]. **Wayne** [McD19]. **ways** [Rut15f]. **Weak** [Rut05d]. **weapons** [Bad05, CAN88, Mor18]. **Website** [Gra02]. **Weiss** [Pia24, Büh98a]. **Well** [Ano07, MDJF83]. **Well-Known** [Ano07]. **Wells** [Sno67, Sno68, PPA⁺02]. **werden** [CSW97]. **were** [Bey49, Mor18]. **Westin** [Wel90]. **Westminster** [Ano37j, Wal18]. **wharenui** [O'C17]. **Where** [She17]. **Which** [Ano08a]. **Whirl** [Ano23b]. **Whitworth** [Ano09a]. **Who** [Kat12, Spe19, Bat72, Cli87, Clo18, Fei11, RCO⁺54]. **whom** [Ano08g]. **Whose** [Kae39]. **wie** [Büh98a]. **will** [Wal18]. **William** [Ole81, Sin81, Stu79b, Whe80, Hug08, Jen08, Ole81]. **Williams** [Ano12a]. **Wilson** [Bru79, Sei86, Stu85, Cam85, Tre85]. **window** [SWZ⁺05]. **Winner** [Ano37i, Ano09a, Lau37, Tho08b]. **Winners** [Ano99, Ano16a, Far53, Far63c]. **Winnipeg** [Rut09e]. **wins** [Wil17]. **Winston** [Sno67, Sno68]. **Within** [Jen85, Dem03]. **Without** [Ano19, Ano32c, Jen85, Ten20]. **Woman** [RC04, RCRC05, Ged16]. **women** [RCRC90]. **Won** [Dys05, Cat04]. **Wood** [Ano12a, dB14, McD19]. **Worcester** [VRWB12]. **Work** [Ano32b, Ano37i, Boh61, Kap80e, Kle66, Lau37, Mar54, Rut25c, Ano09a, Coc46, Gei38a, Hou30, NBG⁺84, Rut05j, Rut33j]. **workers** [Sod02, Sod03]. **working** [Nix19, Oli84]. **works** [dAMxx, Won20]. **World** [Ano32c, Ano33a, Anoxxd, Arr06, BM66, BC16, Cle19, Dyl20a, Kri19e, Stu18, Ber07, Jak79, Mac11, Mer96, Moo66, Mor18, Seg80b, Bad05, Hag17]. **Worthies** [dB32]. **Wounds** [Sta03]. **wrath** [VPW14]. **writings** [Low79, Ole81, Ole81]. **Written** [Ano38b]. **wrote** [Ged16]. **WW1** [Mor18]. **Wybourne** [Tre75b].

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Anonymous:1904:PRR

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Anonymous:1908:PRR

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Anonymous:1908:PRW

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of a chemical collision. Dr. Kendall on Rutherford. results of the discovery. energy of high power. *New York Times*, ??(??):34, January 8, 1922. CODEN NYTIAO. ISSN 0362-4331 (print), 1542-667X, 1553-8095. URL <http://search.proquest.com/hnpnewyorktimes/docview/100061168/>.

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[Ano23b]

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- [Ano33b] Anonymous. The British Association: Breaking down the atom: Transformation of the elements. *The Times [London]*,

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Anonymous:1937:FLR

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Anonymous:1937:LRb

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Anonymous:1937:LRM

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Anonymous:1937:LRP

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Anonymous:1937:NPT

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Anonymous:1937:SLR

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Anonymous:1938:DTL

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Anonymous:1938:LRL

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Anonymous:1938:OLR

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Anonymous:1945:MWK

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Anonymous:1945:AKS

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Anonymous:1964:ERL

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Anonymous:1966:RLR

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Anonymous:1966:RSEa

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Anonymous:1966:RSEc

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Anonymous:1995:HYM

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- [Rut22n] Ernest Rutherford. Radioactivity [Part V]. *Engineering (London, UK)*, 113(?):414–415, April 1922. CODEN ENGNA2. ISSN 0013-7782.
- Rutherford:1922:RPIf**
- [Rut22o] Ernest Rutherford. Radioactivity [Part VI]. *Engineering (London, UK)*, 113(?):464–466, April 1922. CODEN ENGNA2. ISSN 0013-7782.
- Rutherford:1922:EMc**
- [Rut22p] Sir Ernest Rutherford, F.R.S. Electricity and matter. *The Electrical Review (London)*, 90(2326):893–896, June 23, 1922. CODEN ELREAG. ISSN 0013-4384. URL <http://archive.org/stream/electricalreview90lond#page/893/mode/1up>; <http://hdl.handle.net/2027/nyp.33433090837513?urlappend=%3Bseq=433>. Abstract of thirteenth Kelvin Lecture, delivered at the Institution of Electrical Engineers.
- Rutherford:1923:APTa**
- [Rut23a] Ernest Rutherford. Atomic projectiles and their properties. *Engineering (London, UK)*, 115(?):242–243, March 1923. CODEN ENGNA2. ISSN 0013-7782.
- Rutherford:1923:APTb**
- [Rut23b] Ernest Rutherford. Atomic projectiles and their properties. *Engineering (London, UK)*, 115(?):264–266, March 1923. CODEN ENGNA2. ISSN 0013-7782.

Rutherford:1923:APTc

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

Rutherford:1923:APTd

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

Rutherford:1923:APTe

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

Rutherford:1923:APTf

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

Rutherford:1923:APTg

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

Rutherford:1923:APTg

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

Rutherford:1923:APTi

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

Rutherford:1923:APTj

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

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

Rutherford:1923:CLE

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

Rutherford:1923:ESMa

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

Rutherford:1923:LHPa

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

Rutherford:1923:LHPb

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

Rutherford:1923:LP

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

Rutherford:1923:PAB

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

Rutherford:1923:ESMc

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

Rutherford:1923:ESMb

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

Rutherford:1923:PAE

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

Rutherford:1924:ESMa

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

Rutherford:1924:ESMb

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

Rutherford:1924:EDR

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

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

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

Rutherford:1924:XCL

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

Rutherford:1924:NADa

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

Rutherford:1925:DAN

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

Rutherford:1925:EM

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

Rutherford:1925:MWX

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

Rutherford:1925:SAa

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

Rutherford:1925:SAb

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

Rutherford:1925:SANa

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

Rutherford:1925:SANb

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

Rutherford:1925:TR

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

Rutherford:1925:ESM

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

Rutherford:1926:LSE

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

Rutherford:1926:ARAA

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

Rutherford:1926:ARAb

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

Rutherford:1926:ARAc

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

Rutherford:1926:ARAd

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

Rutherford:1926:ANT

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

Rutherford:1926:EWT

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

Rutherford:1926:ESM

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

Rutherford:1926:RGAa

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

Rutherford:1926:RGA b

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

Rutherford:1926:RGAc

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

Rutherford:1926:RGAd

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

Rutherford:1927:RASa

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

Rutherford:1927:RASb

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

Rutherford:1927:RASc

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

Rutherford:1927:RASd

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

Rutherford:1927:APSa

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

Rutherford:1927:RN

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

Rutherford:1927:SAI

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

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

Rutherford:1927:SRA

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

Rutherford:1927:SRP

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

Rutherford:1927:APSB

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

Rutherford:1927:RSE

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

Rutherford:1927:LSR

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

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

Rutherford:1928:APSa

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

Rutherford:1928:OPB

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

Rutherford:1928:PPH

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

Rutherford:1928:TMPa

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

Rutherford:1928:TMPb

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

Rutherford:1928:TMPc

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

Rutherford:1928:APSB

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

Rutherford:1929:HFR

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

Rutherford:1929:MMRa

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

Rutherford:1929:MMRb

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

Rutherford:1929:MMRc

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

Rutherford:1929:MMRd

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

Rutherford:1929:NPS

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

Rutherford:1929:OAA

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

Rutherford:1929:PR

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

Rutherford:1929:RRB

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

Rutherford:1929:APSa

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

Rutherford:1929:APSB

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

Rutherford:1930:APSa

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

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

Rutherford:1930:ANTa

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

Rutherford:1930:ANTb

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

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Rutherford:1937:SIH

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Rutherford:1938:TMb

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Rutherford:1965:Fb

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Rutherford:1970:NA

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