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(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}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.£** [Sin81]. **1895-1896** [Rön58]. **1903** [Adl03]. **1904** [Rut05c]. **1908** [Ano09a, Jar08a, Rut08g, Tho08a, Tho08b]. **1909** [Rut09e, Rut12a, VRWB12]. **1911** [Ano06, Bad67, Bad85b, Str11]. **1913** [TGMR74]. **1926** [Rut27e, Rut27j]. **1927** [Rut26f, Rut28a, Rut28g]. **1928** [Rut29j, Rut29k]. **1929** [Rut30a, Rut30h]. **1930**
[Ano31a, CDE+31b, Rut31a, Rut31e]. **1930s** [Stu79a]. **1931** [Rut31b]. **1933** [CCJ+34, Rut33h]. **1936** [Rut36h, Rut37a, Rut14]. **1937** [M.39]. **1947** [Ano48]. **1956** [Fle57]. **1957** [dCA58]. **1958** [Boh61]. **1961**
[Bir61, Hay63, Raz63]. **1969** [WH72]. **1971** [Wyb72, Tre75b]. **1972** [Meh73]. **1974** [Lov75]. **1990** [Clo18]. **1er** [LRdB+23]. **1st** [LRdB+23].

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

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

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

7059 [DJBW83].

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

A. [Rut05j]. **Abbey** [Ano37a, Ano37j, Wal18]. **ABC** [Wen53]. **Aberdeen** [Ano20b]. **ablation** [KKK+99]. **Ablenkbarkeit** [RG02a]. **Ablenkung** [Rut03b]. **above** [Ano38b, vBD89]. **absorbed** [Rut03b, Rut03f]. **absorbierbaren** [Rut03b]. **Absorption** [Cha12, Rut97a, Rut06a]. **Abstract** [Ano09a, Bau73a, Eld85, Nor79, Rut96a, Sar79, Tho84, HFD+99]. **Absurd** [Ano33a]. **Academic** [Ano18a, Rut34h]. **Academician** [Ano66a, Kap66b]. **Academy** [WH72]. **Accelerator** [DYF67, Wil74]. **Accepts** [Ano07]. **Accomplished** [Rut37b, Ano08a]. **Account** [Sod02, Sod03]. **accounts** [Sha87a]. **Accurate** [JBS12, OKR35b, SN05, SWZ+05]. **Achieved** [Ano22]. **achievements** [She17]. **Act** [Dun18]. **actinide** [BSS88]. **Actinium** [Ano06, Bol06, Rut07e, RWWW30, RWL31b, RB32, Rut88, RH06a, Rut06m, Rut07g, RR13b, Rut29g]. **Actino** [Hol30]. **Actino-uranium** [Hol30]. **Action** [Nia98, Rut00a, Rut09f, Rut00c, Rut00f, RR08d, Rut10g]. **Active** [HS89, Rut04l, Rut05p, RG08a, Rut12f, Rut13i, MF11, Rut00g, Rut00b, Rut01c, Rut02b, RS02j, RB05b, Rut06a, RB06a, RB06b, Rut13f, SBEO86]. **Activity** [Ano08a, Bar06, MG12, RP07, Sod04, Rut00c, RS02f, RS02j, Rut03c, Rut04c, Rut04k, Rut05h, RC19, Rut70d, Rut04, Rut07a, TMO+95, Tre79b]. **Actuels** [Rut05c]. **Adam** [Stu85]. **Additional** [Rut12c]. **additionnelle** [Rut12c]. **Additions** [CDE+31a]. **Address** [Rut09i, Rut23p, Rut27e, Rut27j, Rut28a, Rut29j, Rut29k, Rut30a, Rut30h, Rut31a, Rut31e, RCE+32, RSA+34b, RSA+34a, Rut09e, Rut23s, Ano38b, Rut28g]. **Addresses** [Kap80a, Ano20b]. **Advanced** [Ear66]. **Advancement** [Rut23p]. **Advances** [Rut08g, Sod03, Rut09d, Rut09l]. **Adventurer** [Sta03]. **AES** [Fow83]. **affected** [Tab97]. **After** [Ano37i, Bla50, Lau37, Ano37c, Coc46, DMPA08, Kae48]. **Ag** [REJ86]. **Age** [Ano22, Bad68, Rut88, Sno58, Stu18, Wat93, EMR07, JR13, Lew02, NL00, Rut29g, Sie11, Tip13]. **Ages** [Hol30, Cam79]. **ago** [Sea88, Sie11]. **Agricultural** [Ano38b]. **ahead** [Fla17]. **air** [FR18]. **Aires** [Pye78]. **Akademische** [Mos13b]. **aker** [Rut21d]. **Aktinium** [Rut07g]. **Al** [IFSI94, OaHNM98, PAF+98, PCK+08, TF89, TMJ+99, ZWJ+02]. **Al-implanted** [ZWJ+02]. **Al/GaAs** [TF89]. **Alan** [Dys05]. **Albert** [Kle10]. **Alchemist** [Ano19, Geo38, Kri19e]. **Alchemy** [Bad66, Cam14, Dav37, Rut37a, Rut37b, Rez38, Rut38b, RA45, Rut14, Dav37]. **Alchimiste** [Geo38]. **alchymie** [Rut38b]. **Alexandre** [Ano18e]. **al'fa**

[Rez24, Car98]. **al'fa-chasticy** [Rez24]. **Alfred** [Mon66]. **AlGaAs** [KG91]. **AlGaN** [WYV+99]. **alhimija** [Rez38]. **alkali** [STB+01]. **alkaline** [HS39]. **alkémia** [RA45]. **alkyl** [NOH+10]. **Allen** [Bur64]. **Allibone** [Sei86, Stu85, Sen87, Tre75a]. **Alloy** [OaHNM98, TJRS03]. **alloys** [BBR80]. **AlN** [LCL+04]. **along** [McC19]. **Alpha** [Ano08a, Ano22, Mar61, Ano00a, Nia98, OH64, Roe95, Rut06k, Rut08a, RW16, Rut23k, RC24a, Rut24j, Rut26b, Rut26c, Rut26d, Rut26e, RWWW30, Rut70b, Tre76b, Tre79b, Wen53, Car98, Fea79, Leo05, Rez24, Rit92, RR09c, Rut12a, Rut16d, Tre74b, Tre74b]. **alpha-particle** [Fea79]. **Alpha-Rays** [RWWW30]. **Alpha-Teilchen** [Tre74b]. **Also** [Ano37j]. **alternative** [Lon03]. **alumina** [GR89]. **aluminized** [BP93]. **Aluminum** [Bau73a, And90, Bau73b, HV84, SER+01]. **alumnae** [Mor84]. **Alumni** [RSWE27]. **Amateur** [Har01]. **ambitions** [Bal21]. **American** [WH72, Bad05, Gri09, Lav14, Sla13]. **among** [Gri09, Wil83b]. **amorphous** [ATS86, REJ86]. **Amount** [Rut03a]. **Amplitude** [Mar72, Rut16e]. **Analogy** [Gre07, Lor88, SC13]. **Analysen** [MMKS+80]. **Analyses** [Mon66, Sen87, GR89, TGDS99, Wil83b]. **Analysis** [And90, Bra61, FLP+89, Hwa82, HHK87, LHB+09, MD69, MB90, RWWW30, RWL31a, RWL31b, RLB33, RWLB33, TGDS99, WVCW76, BJW97, BCM13, BP93, Bra98, CGL+94, Cat93, CCR+03, DMV+96, HV84, HHAMS93, KLL+90, KOhM94, LHNG14, LGF+99, Man82, MBS+04, MMKS+80, Par96, Phi83, PMCF+06, RMM+13, Reu81, RR13d, RR13f, SHAI09, Sha87b, SN05, STB+01, Sin93, Wuy91, ZWJ+02, Hwa83, RR13b, RR13e]. **analytical** [WM88]. **anatomy** [Sie11]. **Ancestry** [Ano06]. **Anchor** [Opp64]. **Andrade** [Aro65b, Opp64]. **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, TGMR74, Vil05, Wer23, AK15, dCENdCA64, Ano37d, Bre83, Bro73b, Cam11, Cat04, Fei11, Gar62, HRM79, HA84, Hei68, Hei81, Hei67, Her77, How58, McK62, Moo74, Pol60, Rez21, Rom97, Row55, Row57, Rut11i, Rut14e, Rut24d, Rut27l, Rut33f, Rut70f, Rut12, She17, Shi72, Sod20, Sod22]. **atom** [Sod04, Tre77b, Whe18, dCAH64, Rut66c, Sei86, Stu85, Aro65b, Dys05, Opp64, Sen87, Tre76a]. **Atom-Model** [Wer23]. **Atom-Powered** [Ano33a]. **Atom-Smasher** [Ano37i, Lau37]. **Atom-Theorie** [Rut09b, Rut09c]. **atoma** [Rez21]. **Atome** [Rut10a, Rut10b, Rut21d, vdB13]. **Atomes** [LRdB+23, Pia24]. **Atomic** [Ano06, Ano17, Boh63, BBSR69, Bur18, Cra84, Dar56b, F.33, FR13j, Gam29a, Jen11, Kow53, Kra12, Mon66, Mos14a, OaHNM98, Pei53, Pei97b, PBFt83, Ree06, LFA+04, Rus56a, Rut09k, Rut19a, Rut23a, Rut23b, Rut23c, Rut23d, Rut23e, Rut23f, Rut23g, Rut23h, Rut23i, Rut23j, Rut25a, Rut25g, Rut26f, Rut27a, Rut27b, Rut27c, Rut27d, RAC+29, Rut30b, Rut30c, Rut30d, Rut30e, Rut32a, RCE+32, Rut33a, Rut35d, Rut37g, RJ65, Rut70a, Rut70e, Rut70g, Rutxx, Sie11, Sod49, SM08, Tre75c, Ano23b, Bai13, Boh87, Cat12, CK33, CCJ+34, Dar56a, Gam28, Gam29b, Har38, Hou30, IFSI94, LHNG14, Pae15b, Par96, Pol60, Ree15a, Rez29, Rez32, Rut25f, RC25, Rut26b, Rut26c, Rut26d, Rut26e, Rut33i, Rut33j, Rut36f, Rut36h]. **atomic** [Sod13, Tab97, Mot63, Rez28, Rut09b, Rut09c]. **atomique** [Mon66]. **atomiques** [CCJ+34]. **atomism** [Rut09d]. **Atomistik** [Rut09d]. **Atomization** [ERM95]. **Atomkernes** [Gam28]. **atomkutatás** [RA45]. **Atommodell** [Pol60]. **atomnogo** [Rez29, Rez32]. **Atomnye** [Rez28]. **Atomphysik** [Har38]. **Atoms** [Ano32b, Cho01, CR12, Elf14, Pol60, Rut02f, Rut14a, Rut15i, Rut16b, Rut19a, Rut19e, Rut19f, Rut19g, Rut19h, Rut20a, Rut20g, Rut20e, Rut20f, Rut21e, Tho08a, Tre75d, Ano33c, Hei03, Rot74, Rut10a, Rut10b, Rut14d, Rut15g, Rut15h, Rut19b, Rut21d, Rut21f, Rut25d, Rut25e, Rut27h, Rut70a, Rut70c, Rut10a, vdB13, LRdB+23, Bad04a].

Atomskerns [Hou30]. **Atomtheorie** [Rut36f]. **Atomzertrümmerung** [Gam29b]. **Atoommodel** [Bur18]. **Attainment** [Mos13a]. **attempts** [Nav06]. **attract** [Fla17]. **audio** [BC16]. **Auger** [Bra98, BPSW91, Bur86, CSN+00, Fow83, Gro89, Kot91, PMCF+06, SBEO86, Sha87b, TGDS99, Wuy91, Yuh92, vdK89]. **August** [Hil17]. **Ausarbeitung** [Lüd13]. **ausgesandten** [Rut07g, RG09b]. **ausgesendeten** [RR13a]. **auspices** [Ano12a, CCJ+34, VRWB12]. **aussieht** [Büh98a]. **Australia** [Jen85]. **Authoritative** [Kae39]. **autobiography** [Hah67b]. **Autunite** [Rut15a]. **Avogadro** [Lee98, Mur01, Stu00]. **avril** [LRdB+23]. **Awakening** [Rom60, Rom82]. **Award** [Ano08b, Ano09a, Ano36a, Ano46a, Wil17]. **Awarded** [FR13a, Ano08g, Tes19]. **awards** [Adl12, Ano18e]. **azide** [WVCW76].

B [Hay63, Ihd64, Raz63, Rut28b, See65, Tre75b, Tre76a, LMC97, MM12, RR13d, RR13f, RdCENdCA14b, RdCENdCA14a, Rut14g, Rut14f, RW25]. **Ba** [FIY+99, IFSI94, KKK+99]. **Back** [Bau73a, Rut30f, Rut32c]. **Back-Scattering** [Bau73a]. **Background** [Cro74c, NP38, NP40, Ree15b]. **backscatter** [KKGW85, Sim82]. **Backscattering** [CLZ99, ERM95, EMVK90, MKM+07, JBS12, LHB+09, LGA+06, NOSK08, OaHNM98, LFA+04, SHCK96, ATS86, AAPN06, And90, Bar85, BJW97, BKP+06, Bau73b, BSS88, Bha82, BP93, Bra98, BPSW91, BVI88, Bur86, CGL+94, Cat93, CFMO12, CYM+03, CCR+03, Cle81, CSN+00, Con82, CCR85, CBZ+12, DJA+04, DGC07, DMV+96, DHS97, DJBW83, Eld85, EFKS96, ESRDV84, FGM+00, Fow83, FLP+89, FTT96, FIY+99, GHCA91, GR89, GC00, Gro89, GRS+91, HV84, HHAMS93, HKH96, HNS+11, Her84, HKM+09, HW92, HGM+94, Hwa82, Hwa83, IYT+09, IFSI94, Ish83, IOI+11, KB93, KKK+99, KOhM94, KBvB+05, KSKF93, KIS+89, KY11, Kot91, KG91, LHNG14, LRF86, LDLM91, Lia80, LMC97, LxW99, Lu87, LCL+04, MDJF83, MB90, Man82, MCJK90, MBS+04, MMKS+80, NJS+03, NFM+07, NOH+10, NMSK13, Nor79, NBG+84, Oeh86, OHN+09, Par96]. **backscattering** [PAF+98, PPA+02, PBFt83, Phi83, PNFO88, PMCF+06, PCK+08, RMM+13, RSdS+89, Rei79, REJ86, Reu81, Rot74, SSWB80b, SSWB80a, Sad81, Sar79, SER+01, SHAI09, SBEO86, Sha87b, SN05, SWZ+05, SCP+91, STB+01, Sin93, Sku89, SLA+00, SDD+08, SPL+08, Tab97, TCZY97, TF89, TMJ+99, Tho84, TGP11, TGDS99, TJRS03, Vas90, WCGC86, WZS+91, Wan96, WV07, Whi82, Wie78, Wil83b, WVCW76, Win94, WM88, WVD+96, WVH+99, WYV+99, WCZ+02, Wuy91, Yuh92, ZWJ+02, ZCS+12, ZB74, vIS89, vdK89]. **backscattering-ion** [HKH96]. **backscattering/channeling** [LCL+04, Phi83, TJRS03, WVH+99, WYV+99, WCZ+02]. **Backstory** [Kri19b]. **Badash** [Hei71, Oes70, Szy85, Bro86, Fea70, Tre77a, Vuc86]. **BaF2** [Phi83]. **Baker** [Rut21d]. **Baker-Vorlesung** [Rut21d]. **Bakerian** [Cha33, Rut04l, Rut05p, Rut20g]. **Balance** [RC12b, RC12a]. **balls** [Lor88]. **Banquetted** [Ano08e]. **bare** [CS19]. **Barium** [HS89]. **Baron**

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Swa40, Coh40]. **Even** [Mil95]. **events** [Cam19]. **Everyone** [Hil17]. **Evidence** [TGMR74, 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 [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**
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[Kay63, Kri19e, RC04, RCRC05, Cat12, Gan18a, HBA77, Mor18, RCO+54, Str11, BC16, Stu18]. **first-** [HBA77]. **firsthand** [Sha87a]. **fisica** [Seg76]. **Fission**
[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]. **francaise** [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**
[Mos13c, Mos14b, Rut94, Rut5 , Rut29a, Cat93, RBR15, Rut28c]. **Freud**
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[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, Rut26k, Rut26l, Rut29b, Rut29c, Rut29d, Rut29e, TR96, YHS97]. **Gathering** [Ano37l]. **Gauging** [CCR85]. **Gauthier** [Pia24]. **Gauthier-Villars** [Pia24]. **Ge** [TJRS03, Phi83]. **géant** [Bro62]. **Geburtstag** [HM31, SR37]. **Gedächtnis** [Har38]. **Gedächtnisrede** [SR37]. **gehaltenen** [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, Tre85]. **geniuses** [Mil95]. **gente** [Sno68]. **geodynamics** [EMR07]. **Geometrical** [Liv62]. **geometries** [SML91]. **geometry** [DM96]. **geophysicists** [Bow14, Goo10]. **geopolitical** [Ree15a]. **George** [Bur64, Sno67, Sno68, Ano59, Har01, O'H75]. **geringer** [Rut05j]. **German** [Ano31a, Arr06, BR11a, BR11c, Büh98a, Büh98b, CSW97, FH60, Gam28, 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, SR37, Som38, Tho08a, Tre74b, vdB07, vdB13, vW35]. **germanium** [Sku89]. **Geschichte** [FH60]. **Geschwindigkeit** [Rut07g]. **Geschwindigkeiten** [RR13a]. **GeSe** [REJ86]. **get** [Jar08a, Jar08b]. **gettering** [HHAMS93, NFM+07]. **GeV** [Wil74]. **Giant** [FR13c, Gen95, McK62]. **Giants** [MD67]. **gin** [Spe19]. **Giroux** [Dys05]. **Giuseppe** [Bel82]. **given** [Rut15e]. **Giving** [Ano32a]. **glancing** [WZS+91]. **Glasgow** [Sod02]. **Glass** [Rut09f, DJBW83, Rut10g]. **glasses** [STB+01]. **Glimpsing** [Cat12]. **global** [Ree15a]. **glorious** [How58]. **Glow** [Jor16]. **Glowing** [Rut01f, Rut01a, Rut08e]. **goal** [Ano19]. **Goettingen** [Rut31b]. **Gold** [Gre07, HHAMS93, LHNG14, Man82]. **golf** [Man76]. **good** [Bat72]. **Göttingen** [Lüd13, Sme97b]. **Goudsmit** [Lak96]. **grandes** [Mon66]. **Graphite** [ERM95, ESRDV84]. **Gratulation** [SR37]. **Gravitation** [RC19]. **Great** [Ano37c, Cle19, Cro01, HT10, Rut33b, Sha87a, Bat72, Bod20, Bre97, Büh98b, Gri09, Kae48, Nix19, Wad20, Wei70, Whe18]. **great-great** [Nix19]. **Greater** [Pye78]. **Greatest** [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]. **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, RCRC92, RC04, RCRC05]. **Hartcup** [Sei86, Sen87, Stu85]. **harvest** [Bra09]. **Haven** [Bro86, Hei71, Szy85]. **Hawking** [Ano18f, Cro01, Sat18, Wal18]. **headquarters** [Bri31]. **Heal** [Sta03]. **Heat** [Rut05l, RR12]. **Heating** [RB03a, RB03b, RB04a, Rut04e, RB04b, RB04c, RB05c, RR13c]. **heavily** [Lu87]. **Heavy** [OKR33, OHR34a, OHR34b, Rut33c, RK34, RSA+34b, RSA+34a, Rut38f, GHCA91, RRKH94, RR95, Rut37e, Rut37f, Lor70f]. **heavy-ion** [GHCA91, RR95]. **Heights** [Ben20]. **Heilbron** [Bad04a]. **Heinrich** [BHN98]. **Heisenberg** [Lak96, Bre97]. **Held** [Bir61, Meh73, Tre75b, CCJ+34, LRdB+23, Sod02]. **Helium** [Ano08a, Ano32b, BR11a, BR11c, Rut03a, RB09, Rut31f, Rut37d, Rut66a, Lor70a, BR11d, BR11b, BVI88, KY11, Rot74, RC27, BR11b]. **helium-** [BVI88]. **helium-ion** [KY11]. **Hendry** [Stu85, Sei86]. **Henri** [Gen95]. **Henry** [Eck20, Hei08, Jew19, Ole81, FF17, Rut15c, Rut37a, Rut14]. **her** [Ged16]. **here** [Bre97, Kay63]. **heritage** [Wil17]. **Hertz** [BHN98, Gea14a, Gea14b, Hon98]. **hervorgerufene** [RA02a]. **hexafluorophosphate** [OHN+09]. **HfO** [NJS+03, NFM+07]. **HfSiON** [MBS+04]. **Hg** [Con82, WZS+91, Win94]. **Higgs** [Kra14a]. **High** [Ano22, EMVK90, HGM+94, IYT+09, LHB+09, Mos12b, Mos13a, Mos13c, Mos14b, NOSK08, Rut94, Rut5 , RP07, Rut27g, Rut28c, Rut29a, Bha82, CFMO12, DGC07, FLP+89, HNS+11, KB93, NJS+03, NFM+07, NOH+10, NMSK13, OHN+09, RR95, Rut24e, Rut24f, Rut24g, Rut24h, TCZY97, Ano37i, Lau37]. **High-Energy** [EMVK90, RR95]. **High-Frequency** [Mos13c, Mos14b, Rut94, Rut5 , Rut28c]. **High-Resolution** [NOSK08, HGM+94, IYT+09, CFMO12, DGC07, HNS+11, NJS+03, NFM+07, NOH+10, NMSK13, OHN+09]. **high-temperature** [FLP+89]. **Hilger** [Stu85]. **Him** [Ano09a, Ano38b, RCO+54]. **Hiroshima** [Pre05]. **Histoire** [Mon66]. **história** [dAMxx]. **Historic** [Ano18c, Coh97, She17, Wal18]. **Historica** [Cle19, Won20]. **Historical** [Seg85, Rön58]. **Histories** [Pei97b]. **historiografia** [dAMxx]. **historiography** [dAMxx]. **History** [Adl97, Anoxxb, Anoxxc, Bal15, Cle19, Dyl20b, Eva96, Gar81, Her72, HHK87, Kap80b, Kri16, Kri19a, O'C17, RN04, Rut19c, Rut23n, Rut24j, Rut33b, Sin81, Stu78, Stu79b, WP85, Ber07, FH60, Glo20, GA71, Har05, Kim02, KHFA67, Leo05, dAMxx, Rut12a, Rut23m, Rut70b, Tod14, Tre77b, WH72, NP38, NP40]. **hit** [Ano18a]. **Hitting** [Kow53]. **Hodder** [Stu85]. **Home** [Ano09c]. **Hon** [dCA37, Boh37, Bra37, Cha37, Coh40, Eve37, Eve39, Eve13, Smi37, Sod37, Swa40, Tho37a, Tho37b, dB32]. **Honorary** [Lüd13]. **Honors** [Ano10]. **honour** [Ano37k]. **honoured** [Ano09b]. **Honours** [Ano66d, O'S71, O'S72]. **hope** [Ten20]. **horse** [Dow08]. **Horvath** [Gri09]. **Hotel** [Wel90]. **Houston**

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

Ich [Büh98a]. **Idea** [Tan77]. **Ideas** [Kae36, Bre97, HT10]. **Identification** [Rut22g]. **identity** [Tem89]. **ignorance** [She17]. **ih** [Rez28]. **ihr** [CSW97]. **ihre** [Mec14, Rut13b, Rut13g]. **II** [Aro65a, RS02b, Rut11h, dR92, Bad05, Coh89, KLL+90, LSK+88, Mor84, Mos14b, Oli66b, RO99, RS02b, RS02g, RS02c, RS02f, RS02j, Rut04h, Rut06h, Rut08i, Rut09h, Rut11h, Rut19f, Rut20c, Rut21b, Rut22k, Rut26c, Rut26j, Rut27b, Rut28e, Rut29c, Rut30c, Rut35g]. **III** [Ano66e, Coh91, RS02l, Rut19g, Rut20d, Rut21c, Rut22l, Rut26d, Rut26k, Rut27c, Rut28f, Rut29d, Rut30d, Rut35h, Aro66]. **Illuminations** [McC19]. **illustrated** [Bri31]. **illustrations** [RA45]. **illusztrációkkal** [RA45]. **im** [Sod02]. **image** [LHNG14, Pye78]. **images** [Tab97]. **IMFP** [Fow83]. **imidazolium** [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]. **incomplete** [Pye78]. **incorporation** [KB93]. **India** [Ano38b]. **Indian** [Rut38c]. **Induced** [Bau73a, GLR06, Bau73b, CBZ+12, RKL88, RA02a]. **Industrial** [All64]. **inelastic** [Fow83]. **Infecting** [RMM+29]. **Influence** [Kae39, SG85, SLA+00, Bad87, DMV+96, Rut01b]. **infrared** [Sin93, TGDS99]. **InGaN** [PPA+02]. **InGaN/GaN** [PPA+02]. **initial** [DGC07, HV84]. **injustice** [CSW96]. **Inner** [Ree06]. **Innocence** [Stu18]. **Innovation** [Whe18]. **InP** [Phi83]. **Inquiry** [Gib19]. **Inscribing** [Dea03]. **institut** [CCJ+34]. **Institute** [CCJ+34, WH72, EC13, Rut13e, Whe18]. **Institution** [Rut36h]. **Int** [Rut05c]. **integrated** [Gro89]. **Intense** [Rut27g, Rut30i, FLK92, LSK+88, SML91, YHS97]. **intensité** [Rut06b]. **Intensity** [Rut06b, Rut06n]. **Interaction** [CK33, Rut33i]. **intercalation** [ESRDV84]. **Interdiffusion** [IFSI94, FIY+99]. **interdiffusions** [SCP+91]. **Interest** [Bar71]. **Interface** [KSKF93, PCK+08, 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, RRKH94, RR95, Reu81, STB+01, SML91, TMO+95, TF89, TJRS03, Wil83b, WVD+96, vBD89]. **ion-beam** [FLK92, SML91]. **ion-beam-synthesized** [WVD+96]. **ion-implanted** [KBvB+05]. **ion-induced** [Bau73b]. **Ionen** [RM00b]. **ionic** [NMSK13]. **Ionisation** [RA02a]. **Ionization** [RA02b, RA02a, Rut02a]. **Ions** [MR14, OKR33, Rut01a, RRKH94, Rut97c, WZS+91, Wan96, ZB74]. **iridium** [And90]. **Iron** [Rut94, Rut5 , TMJ+99, WCGC86]. **Irradiated** [HS89, LxW99]. **irradiation** [HS39]. **ISBN** [Bro86, Ced00, Pip01, Stu85]. **Iskusstvennoe** [Rez23, Rez25]. **Island** [Lig18, HZ15]. **Isolation** [Jen85]. **Isotope** [OKR33, RK34, Tan77, Eid48, Gan18b]. **Isotopes** [HS89, Rut37d, Wil64]. **Italian** [Car98, Seg76]. **Italy** [Meh73]. **IV** [dR92, Mos13b, Coh92, Far01, RS02m, Rut03h, Rut19h, Rut22m, Rut26e, Rut26l, Rut27d, Rut29e, Rut30e, Rut35i, Rut10a]. **IX** [RG08e]. **Izbrannye** [Rez71, Rez72].

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

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

[Eck20, Jew19, Ano37j]. **Kissinger** [SDD+08]. **Kiwi** [Ano19a, Wad20]. **knew** [Kat12, RCO+54]. **Know** [Ano21, Büh98a]. **Knowledge** [Boh63, Cle19, Boh87]. **Known** [Ano07]. **Konstanten** [Ano31a]. **Konstitution** [vdB13]. **Kremlin** [Bad85a, Bro86, Szy85, Vuc86].

L [Ano66a, Bad04a, Kap66b, Pia24]. **lab** [Ano18c]. **Laboratories** [Ano12b, Ear66, Har07, Bri31]. **Laboratory** [Ano32b, Ano45, DBE+85, Hug08, Kay63, LEM65, Woo46, Ano09c, Bad83, Bod20, GW73, Tre79a, Ano32c, Ano66e, Cro74d, Cro74e, Kim02, Nav06, Rut19c, Osg66]. **Laborde** [Mon66]. **Laby** [Dea03]. **Ladung** [Rut08c, Rut08d, RG09a]. **laid** [CS19]. **Langevin** [Kat12]. **large** [GM13, Gro89, Giu12]. **laser** [DJBW83, KKK+99, Sad81, Ten20]. **Lasers** [Shi88]. **Last** [Ano38b]. **lastly** [dR92]. **Late** [Ano38b, Foc39, MSB+37, Wal18, Ano37l]. **lateral** [WZS+91, Wan96]. **Latest** [Ano32a, Rut09d]. **Latex** [LGA+06]. **l'atome** [Mon66]. **Lattice** [RSdS+89, TJRS03]. **launch** [Spe19]. **Laura** [Mon66]. **laureate** [How58]. **Law** [Rut34o, Ram75, RC25]. **Lawrence** [Bro86, Fea70, Hei71, Jen08, Oes70, Ole81, Szy85, Tre77a, Vuc86]. **laws** [GM13, Sta61]. **Layer** [LFA+04, LCL+04, WVH+99, WYV+99, WCZ+02]. **layers** [FLP+89, IOI+11, MB90, Sad81, WVD+96, ZCS+12, vIS89]. **lead** [WVCW76]. **Leadership** [Kim02]. **leading** [Cam19, Cro01]. **Leads** [Ano32a]. **learn** [Bod20]. **Learning** [Rut36k, Rut36g, Rut36j]. **Learns** [Ano06]. **leaves** [Ano07]. **Lebenswerk** [Gei38a]. **Lecture** [dCA58, Ano66a, Boh61, Kap66b, LEM65, Rut26f, Rut31b, Rut36h, Rut37a, Sme97b, NL00, Rut33h, All64, Ano09c, Bla59, Bra61, Bur83, Bur82, Cha33, Cha54, Coc53, Dar56b, Dee67, Fea77, Fow72, Mar54, McG84, Moo78, Mor75, Mot63, Pei53, Rut04l, Rut05p, Rut20g, Rut21d, Rut14, Sho82, Tho65, Tiz46b, Zim69a, Zim69b]. **Lectures** [Rut12a, VRWB12, NP38, NP40, RCO+54, Sod02, dB14, Ano12a]. **LEED** [Nor79, NBG+84]. **Legacy** [Ano17d, Eck20, Jew19, Lon16a, AK11, Har05, TJ11]. **Legendary** [Ben20]. **LEGO** [Whe18]. **leicht** [Rut03b]. **Leipzig** [Mos13b]. **length** [Rut14f]. **lente** [Rut05g]. **Lenz** [Agu96, BB80, Far87]. **Léonidovich** [Rub97]. **lessons** [Bod20]. **letiju** [Kap73a]. **Lett** [Hwa83]. **Letter** [Ale46, Mos14a, Rut26a, Rut35a, Shi88, Tre79b]. **Letters** [Coh40, Coh88, Coh89, Coh91, Coh92, Fea70, Hei71, Oes70, RSWE27, Swa40, Szy85, dR92, Ano36b, Bad69, Eve39, Eve13, Hei74]. **levels** [dAMxx]. **LHC** [Wei11]. **L'histoire** [Mon66]. **LI** [Rut19e, Rut21g, Rut27l]. **Library** [Ble57]. **Life** [Anoxxb, Coc46, Coh40, Eck20, Jew19, Mar54, MF11, Rut23m, Rut23n, Rut23o, Rut24j, Rut70b, Swa40, Ano20b, Ano18b, Cam15, Cro01, Eva39a, Eva39b, Eve39, Eve13, Gei38a, Hei74, How58, Sim96, Ree16]. **Life-history** [Rut23m]. **Light** [Cha12, CR12, OKR35a, Ree06, Rut98, Rut19a, Rut19e, Rut19f, Rut19g, Rut19h, Rut19b, RC21b, Rut70a, Rut10a]. **Lightman** [Dys05]. **LII** [Rut19f, RC24c, RC27]. **LIII** [Rut19g]. **Like** [Ano19, Büh98a]. **likened** [Ano38b]. **Limit** [Ano32c, Kra13]. **limiting** [vBD89]. **limits** [RR95]. **LiNbO** [RSdS+89]. **Lineage** [Ano99]. **link** [Ano09c]. **Linus** [Gri09]. **Lipson**

[Ano64]. **Liquid** [Ano94, Stu94, LGF+99]. **Liquid-Drop** [Ano94, Stu94]. **liquids** [NMSK13]. **Lise** [Büh98b, CSW97, Büh98b, CSW97, Sim96]. **list** [Ano18a]. **Listening** [BC16]. **lists** [Gri09]. **Literature** [AH13, HT10]. **Lithium** [CW32, OKR33]. **LIV** [Bol05, Rut97c, Rut19h]. **lives** [Bre97, Dow08]. **LIX** [Rut94, RS03a, RR13f]. **LL.D** [How58]. **Lloyd** [Sno67, Sno68]. **location** [RSdS+89, TJRS03]. **locking** [HZ15]. **Logic** [GRS87]. **London** [Bur64, Hei71, Stu85]. **Long** [DeB19, RW16, RWL31a, RLB33, Rut21g, RC24c, Rut31c, Rut16d, Rut31d]. **Long-range** [RW16, Rut21g, RC24c, Rut16d]. **look** [Kru75]. **looked** [Fei11]. **looks** [Büh98a]. **Lord** [dCA37, Ano37l, Ano38c, Ano64, Ano66e, Aro65a, Aro66, Boh37, Bra37, Bur64, Bur38, Cha37, Coc63, Coh40, Dav37, Eve37, Eve39, Eve13, Gei38a, Har38, Osg66, Seg62, Seg64, Seg66, Seg80c, Smi37, Sod37, Swa40, Tho37a, Tho37b, dB32, dCA38, Ano33d, Ano36a, Ano37d, Ano37c, Ano37b, Ano37e, Ano37h, Ano37i, Ano37f, Ano37g, Ano37k, Ano38a, Ano38b, Ano46a, Ano46b, Ano50, Ano66a, Ano09a, Bru64, Cha65, Cha14a, Cha14b, Cha14c, Cra71, Cro35, Dal50, Dav37, EC38, Fea40, Fea73a, Fea73b, Foc37, Foc39, Gei38a, Geo38, Gué38, HM31, Har38, Jac72, Jar08a, Kap66a, Kap66b, Kap73b, Kap80d, Kay63, Lau37, Man76, MSB+37, Mil38, Mol63, Mur13, Rus37, Rus51, RC62, Sme97b, Som38, Tho08a, Tho08b, Tho70, Tiz46a, Tod14, VPW14]. **Lorentz** [Pia24]. **Loss** [Rut23k, MB90, Rut24l]. **Lost** [Kri16]. **Louis** [Rut05c]. **Love** [AH13, FF17]. **Low** [Ang00, Bha82, DYF67, HKH96, Kri16, Rut30i, BVI88, DJA+04, DHS97, Hwa82, Hwa83, KB93, LCL+04, MDJF83, Rut24e, Rut24f, Rut24g, Rut24h, WM88, YHS97, Yuh92]. **low-** [MDJF83]. **Low-Energy** [DYF67, HKH96, Kri16, BVI88, WM88, Yuh92]. **low-pressure** [Hwa82, Hwa83, YHS97]. **Low-temperature** [Bha82, LCL+04]. **Lowood** [Ole81, Ole81]. **Luis** [Ree16]. **luminescence** [KG91]. **Luminosity** [Rut10f]. **LV** [BR11d]. **LVII** [GR12, RN13, RR14, Rut14e]. **LVIII** [RB05c, RG11]. **LX** [RS03b, Rut03g]. **LXI** [GM13]. **LXIII** [JR13, Rut04n]. **LXIV** [RS02g]. **LXV** [Eve05]. **LXVII** [Rut09j]. **LXVIII** [RR08d]. **LXXIII** [Rut07b]. **LXXIX** [Rut11i]. **LXXV** [GF10, Rut02a]. **LXXVI** [RG10, RR13d]. **LXXXII** [RR13b]. **LXXXIV** [RS02c]. **LXXXIX** [RC21b].

M [Lov76, Mon66, Pia24, Whe04, Gro89]. **M.** [Ano81, Coh40]. **M.A** [How58]. **m.b.H** [Mos13b]. **Macdonald** [Eve06]. **Mach** [SR37, SR37]. **MacLeod** [Eck20]. **Macmillan** [Dav37]. **Madame** [Rut34f]. **Made** [Ano19, Ano32b, Cli87, Clo18, Mer96]. **Madison** [RFF+01]. **Magic** [Cho01]. **Magnetic** [Mur13, Rut96b, Rut97b, Rut06c, Rut27g, Rut30i, RLB33, RWLB33, HZ15, KLL+90, LSK+88, Rut96a, Rut03b, Rut03f, Rut95, RG02a, Sho82]. **magnetische** [Rut03b, RG02a]. **Magnetization** [Rut5 , Rut94]. **magnetron** [Cat93]. **magnitudes** [Rut09k]. **Maine** [Lig18]. **make** [Mil95]. **Makes** [Ano08a]. **Making** [Ano19, Bal15, CAN88, Dea03, Sla13, Cam14, Ano32c]. **Man** [Ano32a, Bro73a, Eva39a, Eva39b, Kae39, Oli72b, Rut24i, Bat72, Fei11,

Lew02, Moo66, Sch57, Whe18]. **Manchester**
[Ano64, Bir61, Bur64, Har07, Hay63, Raz63, Seg64, dCA68, Ano07, Ano08b, Ano08f, Ano09a, Ano12b, Ano17d, Bir62, Bir63, Fea62b, Gea61, Gei38b, Hug08, Kat15, Kri19b, Kri19a, Lon16b, Rus51, RC63, Ano64, Ihd64, See65, Aro65a]. **Manhattan** [Ben20, Ree15a, Sch15]. **Many** [DeB19, Kae36]. **mapping** [NL00]. **March** [Ano17]. **Marchal** [Bro62]. **Maria** [DMPA08]. **Marie** [Gri09, Pre05, Rut35j, SG85]. **Mario** [Sin81, Stu79b, Whe80]. **Mark** [Bat72, Tre73]. **marked** [Ano17c]. **Marking** [Cat12]. **Marsden** [dCA68, TGMR74]. **Mass**
[Gam30, RH06a, Rut37d, BPSW91, Cle81, CSN+00, Eid48, Gro89, NMSK13, Reu81, Rut06m, Rut07g, RR13a, RR14, Rut21g, Wil83b, vW35, RH06b]. **Massachusetts** [VRWB12]. **Masse** [RH06a, Rut07g, RR13a]. **Masses** [OKR35a]. **Material** [JBS12]. **Materials** [Rut03c, FLP+89, SBEO86]. **Materie** [Rut24a, Rut24b]. **Mathematical** [Rut09i]. **Matin** [Ano19]. **matrix** [LRF86]. **Matter**
[Ano08a, Ano32a, Fre79, Rut06k, RG08e, Rut12f, Rut22f, Rut22p, Rut23l, Rut23r, Rut23q, Rut26h, Rut38d, Rut38e, Tre75b, Whe04, FR33, Rut06l, Rut11i, Rut15m, Rut15n, Rut20b, Rut20c, Rut20d, Rut21a, Rut21b, Rut21c, Rut22e, Rut23s, Rut24a, Rut24b, Rut25b, Rut25i, Rut28d, Rut28e, Rut28f, Rut30g, Rut34e, Rut70h, Rut12, Wyb72, Rut13c, Rut13d]. **Max** [Lüd13, Lüd13, Rut29f, Ole81]. **Maximum** [RBR15]. **Maxwell** [Lon16a]. **May** [Ano32a, Ano06]. **Mayes** [Whe18]. **Maynard** [Lov75]. **MBE** [BBR80]. **McGill** [Ano09b, Eve06, Ano07, Bad79a, Fea62a, Hah62, Hei79b, Lon16b, Mor84, Sha37, Sod03, Ter38, Tre79a]. **McTavish** [Wil15]. **Mean** [Jen11, Fow83]. **Means** [Mos12b, Rut37b, Yuh92, vBD89, vBBGO90]. **measured** [HKM+09, SER+01]. **Measurement**
[Boa07, vBD89, HKH96, YKH+84]. **Measurements**
[MG12, Bur86, CYM+03, DBvdV87, KKGW85, LSK+88, Rut11e, SDD+08, vBBGO90, vBBD+92]. **Measuring** [KB93, Mar61, Rut16e, SBEO86]. **mechanical** [Bai13, SC13, Tem89]. **Mechanism** [FW67, YKH+84]. **Medal** [Ano36a, Ano46a, Ano18e, Tes19]. **Medical** [DMPA08, Pod10a]. **Medientransformation** [Lüd13]. **Meet** [Gan18a]. **Meeting**
[Ano38b, CCJ+34, Kri19b, Rut27e, Rut27j, Rut28a, Rut28g, Rut29j, Rut29k, Rut30a, Rut30h, Rut31a, Rut31e, Rut38c, LRdB+23, Ril70]. **meets** [Bou99]. **Meitner** [CSW97, Büh98b, CSW97, Sim96]. **memoir** [Lov76]. **mémoire** [Rut12c]. **Memorial** [All64, dCA58, Ano18e, Bla59, Boh61, Bra61, Bur83, Bur82, Cha54, Coc53, Dar56b, Dee67, Fea77, Fow72, Mar54, McG84, Moo78, Mor75, Mot63, Rut37a, Rut14, Sho82, Tiz46b, Zim69a, Zim69b, SR37, Ter67]. **memoriam** [Har38]. **Memories** [Dal50, Gei38b, Hug08, Rut32b]. **Memory** [Kap80c, Ano37k]. **Men** [Cli87, Rut33b, Sno67]. **Mercury** [Far87]. **Messungen** [Rut11e]. **Métadier** [Mon66]. **Metal** [Mar61, Her84]. **metallization** [Kot91]. **Metallurgy** [GRS87, KT84]. **Metals** [Mot63, Sho82, HS39]. **Metamorphosis** [Tre75d]. **Method**
[RG08a, RG08e, RC12b, RWWW30, RLB33, FLK92, KIS+89, Rut03h,

RG08c, RG09b, RC12a, Rut16e]. **Methode** [RG09b, RG08c, RC12a]. **Methods** [SN05, BSS88, Rut15d, RA45]. **methylimidazolium** [NOH+10, OHN+09]. **MeV** [RRKH94]. **Mg** [SHAI09, TMJ+99]. **Mg-rich** [SHAI09]. **MgO** [FIY+99, HGM+94]. **Michael** [Gus12]. **microanalysis** [NBG+84]. **microprobe** [GR89]. **MicroReviews** [Hub13]. **microscope** [Tab97]. **Microscopic** [RMM+29]. **Microscopy** [OaHNM98, BKP+06, CSN+00, FGM+00, FIY+99, IFSI94, Ish83, KY11, LHNG14, Lu87, Par96, Phi83, Rei79, SSWB80b, SSWB80a, Sad81, Wil83b]. **middle** [Cot10]. **Midwest** [RSWE27]. **Mighty** [Ano32a]. **Miles** [Ano23b]. **Millikan** [Pia24, SR37, SR37]. **mind** [HJS70]. **Minerals** [Hol30, RB05b, RB06a, RB06b, GF10, RB05a]. **minéraux** [RB06a]. **Mining** [Whe18]. **minute** [Eve05]. **mirabilis}** [Hug00]. **Miracle** [Ano23a, Sla13]. **Miramare** [Meh73]. **mirror** [HW96, SHAI09]. **Misdated** [Tre79b]. **missed** [EMR07, Tem89]. **Missing** [Rut22g]. **mistakes** [Mil95]. **mittels** [HS39]. **mixing** [PCK+08]. **mixtures** [NMSK13]. **Mobilizing** [Hag17]. **Mode** [HZ15, KSKF93]. **Model** [Ano94, Bur18, Pod10b, Sch13, Stu86b, Stu94, Til96, Wer23, Bur13a, Bur13b, Bur15, Pol60]. **Modelers** [Lak96]. **modeller** [Whe18]. **Models** [Hug90, Lak96, Mos14a, Bai13]. **Modern** [Anoxxa, BHN98, Gib19, Kri16, LSN+09, Mor18, Sla13, Bod20, Bra09, Mac11, NP38, NP40, Seg80a, Rez38]. **Modes** [Hon98]. **Modification** [SHCK96]. **Modified** [Ear66, Fel19]. **módszerei** [RA45]. **Molecular** [NOSK08, Rut29b, Rut29c, Rut29d, Rut29e]. **Molecules** [Rut14a, Rut10a, Rut10b, Rut14d]. **Molekeln** [Rut10a, Rut10b]. **Molkule** [Mos13b]. **moments** [Büh98b]. **Mon** [dB70]. **Monolayer** [KOhM94]. **Monte** [BPSW91]. **Montreal** [Seg62, Stu79b, Ano09b, Eve06, FR13e, Hah62, Hah67a, Pye78, RC62, Tre83]. **Moon** [Tre76a]. **Moonshine** [Jen11]. **Morningside** [Ben20]. **Moscow** [Ano37l]. **Moseley** [FF17, Hei74, Hei08, Jaf71, Jaf72, Rut15c, Rut16a, Rut25c, Sar27, Eck20, Jew19]. **Mössbauer** [DMV+96]. **Most** [Kha20, Ber07, Jen08, LSN+09, MB+85, Won20]. **Mother** [FF17, Ano36b]. **motions** [Rut29b, Rut29c, Rut29d, Rut29e]. **Moving** [Wei72, Wei85]. **Mr.** [Ano45]. **MST** [HFD+99]. **Müller** [Kor12, Kor12]. **multicusp** [DJA+04]. **multilayer** [SSWB80b]. **multilayers** [KSKF93, PMCF+06]. **multiple** [PPA+02]. **My** [dR92, Cam97, Wil60, Coh88, Coh89, Coh91, Coh92, dB70]. **Mylar** [BP93]. **Mysterious** [Dys05]. **Mystery** [Ano32a, FR13j].

N [Aro65b, Opp64, Pia24, Rön58, WZS+91, Mon66, RR95, WVH+99]. **nach** [Ano31a, Sod02]. **Nachruf** [SR37]. **Nachweis** [HS39]. **NaCl** [MKM+07, HKM+09, Rei79]. **Nagaoka** [Bad67, Bad85b, Hei67]. **Name** [Ano17b, VPW14]. **Names** [Sto97]. **Naming** [Bro18, Stu86a]. **Nanocluster** [Par96]. **Nanocomposites** [LFA+04]. **Nanoparticle** [WMT01, LHNG14]. **Nanoscale** [LHB+09]. **nanosized** [DMV+96, FGM+00]. **narrow** [MBS+04]. **nas** [dAMxx]. **Nations** [Ano37j]. **native** [Win94]. **Natur** [RS02b, RS02a, Rut08c, Rut08d, RG09a, Sod02]. **Natural**

[Rut24k, RW25, FH60, Leo05, Rut24m, Rez25]. **Nature** [dCAH64, Aro65b, Opp64, Ree08, Rut04f, Rut08a, RG08d, Rut08f, RR08e, RR09c, RR09a, RR09d, dCENdCA64, Meh73, RS02b, RS02g, RS02c, RS02f, RS02a, RS02h, RG08b, Rut08c, Rut08d, RG09a, RR09b, RC24c, Sod02, Wen53, RR09a, Bal15, Bal19]. **Naturwissenschaft** [FH60]. **naucnye** [Rez71, Rez72]. **Nb** [KKK+99]. **Neale** [Stu79b]. **Near** [MKM+07, Kae36, KBvB+05, GHCA91, RR95]. **Near-Surface** [MKM+07, KBvB+05, GHCA91]. **Needs** [Rut19c]. **neglected** [EMR07]. **Nekrolog** [Som38]. **nella** [Seg76]. **Nelson** [dCA37, Ano36a, Ano46a, Ano64, Ano66e, Ano66b, Aro65a, Aro66, Bad04b, Boh37, Bra37, Bur64, Cha37, Coc63, Eva39a, Eva39b, Eve37, Har38, M.39, Osg66, Seg66, Smi37, Sod37, Som38, Tho37a, Tho37b, dB32, Bad09, Badxx, Bru64, Cha65, Cha14a, Cha14b, Cha14c, Cra71, Dal50, Foc37, Gei38a, Har38, Jar08a, Mil38, Mol63, O'C17, RC62, Seg80c, Wad20, Seg62, Seg64]. **neodymium** [KG91]. **neon** [BVI88]. **neon-** [BVI88]. **Neuere** [Hou30]. **neuesten** [Rut09d]. **Neutral** [KKGW85, Gro89, HFD+99]. **neutrals** [vBD89]. **neutrino** [Nav06]. **Neutron** [Cha32a, Cha32b, Cha33, FR13h, GLR06, Pol91, Rog13, Rut35e, Lor70b, Bad83, Bro97, Bur13a, Bur13b, Bur15, HS39, LSN+09, LxW99]. **Neutron-Induced** [GLR06]. **neutron-irradiated** [LxW99]. **neutron-rich** [LSN+09]. **Neutronen** [HS39]. **Neutrons** [Elf14, GLR06, HS89, Clo18, Fel19]. **Newer** [Bad66, Dav37, Rut37a, Rut37b, Rut14]. **Newnham** [Rut37a, Rut14]. **News** [Ano31b, Fel19]. **Newton** [Tho08a, Ano38b, Ano09a, Ano18f, Büh98b, Fea72, Tho08a, Tho08b, Wal18]. **Newtons** [Büh98b]. **Ni** [AAPN06, SHAI09, SCP+91, Wuy91]. **Ni/Au/Te** [Wuy91]. **Ni/Si** [AAPN06]. **NiB** [SCP+91]. **nicht** [CSW97]. **nickel** [BPSW91]. **nickel-implantation** [BPSW91]. **Nicole** [Mon66]. **niece** [Nix19]. **Niels** [AH13, Bro73b, FK85, Kle10, Moo66, Rub97, SM08]. **Nineteenth** [Tho65]. **Nineteenth-Century** [Tho65]. **ninety** [HJS70]. **niobium** [Rot74]. **nitride** [ATS86, Bur86, Hwa82, Hwa83, Vas90, Wan96]. **Nitrogen** [Ano22, Rut19h, RRKH94, Rut10a, Whi82, Rut19g]. **níveis** [dAMxx]. **No** [Ano23b, Ano09c, Kra76]. **Nobel** [Adl03, Ano37i, Clo18, How58, Jar08a, Lau37, Adl12, Ano08b, Ano09a, Ano09a, Ano16, 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, 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, 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, Bur38, SR37, Som38]. **oblique** [Wan96]. **obras** [dAMxx]. **Observation** [NOSK08, NOH+10, OHN+09, NFM+07]. **observed** [CFMO12, OHR34a, OHR34b, RC24c]. **Obtained** [Ano06, LFA+04, SLA+00]. **Obtaining** [Mos12b]. **October** [CCJ+34, Far01, Stu79b, Wel90]. **octobre** [CCJ+34]. **offers** [Bod20]. **office** [Ano18a]. **Ogni** [Sno68]. **ohmic** [Wuy91]. **Old** [Kae36, NL00, Rut35c, Ano09c, Ten20]. **Oliphant** [Bat72, Sei86, Tre73]. **Once** [Ano32b, Tre75d]. **One** [AK15, Ell60, Gib19, Ano18c, Jar08b, Lew02]. **Only** [Ano32b, CSW97]. **Onnes** [Pia24]. **Onward** [Ano32a]. **open** [Ten20]. **Opening** [Rut09e, RCE+32, RSA+34b, RSA+34a, Rut34g]. **opens** [Ano18d]. **Operation** [Ano37i, Lau37, Ano37c]. **Opinion** [Wil15]. **opportunity** [EMR07]. **Opposition** [Kra11]. **Optical** [CR12, RMM+13]. **optics** [SC13]. **Optimized** [SWZ+05, SML91]. **Optimum** [BELG68]. **Opto** [McG84]. **Opto-Electronics** [McG84]. **Orbits** [Elf14]. **Ordering** [NOSK08]. **Ordinary** [Rut03c]. **Origin** [Ano94, Bad68, Rut07c, Rut07d, Rut07i, Rut15e,

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]. **Overturned** [Kri19a]. **overview** [CAN88]. **Oxford** [Ble02, Rut33h]. **Oxidation** [KEJ87, SPL+08, NBG+84]. **Oxide** [Bau73a, Bau73b, Sha87b, TMJ+99]. **oxides** [Sin93, TF89, Win94]. **Oxygen** [ERM95, Rut19g, Cat93, NFM+07, RRKH94]. **oxynitrides** [TGDS99].

P

[Ano66a, Kap66b, Mon66, Pia24, Tre76a, Whe04, MCJK90, SSWB80a, Sad81]. **p-phenylenevinylene** [MCJK90]. **P.** [Lov76, Rad13]. **P.R.S** [Boh26]. **Packaging** [KT84]. **Paid** [Ano37i, Lau37]. **Palace** [Hil17]. **Palladium** [PNFO88]. **Palladium-tin** [PNFO88]. **Palmerston** [Dun18]. **Pantheon** [Dys05]. **paper** [Rut12c]. **Papers** [Ano33c, Ano64, Aro65a, Aro66, Bur64, Cha14a, Cha14b, Cha14c, Coc63, Osg66, RC62, Seg62, Seg64, Seg66, Stu79b, Ano66e, Cha65, Rez71, Rez72, Rön58, RC63, RC65, Whe04, Wri64, Kap74]. **parallel** [Dow08]. **Paramount** [Kae39]. **Paris** [Ano48, Oli47, Ano19]. **Park** [Wil15]. **Part** [Mos13c, Ano16, RS02k, RS02j, RS02l, RS02m, Coh89, Coh91, Coh92, Mor84, Mos14b, RS02b, RS02g, RS02a, RS02h, Rut04g, Rut04h, Rut20b, Rut20c, Rut20d, Rut21a, Rut21b, Rut21c, Rut22j, Rut22k, Rut22l, Rut22m, Rut22n, Rut22o, Rut26b, Rut26c, Rut26d, Rut26e, Rut26i, Rut26j, Rut26k, Rut26l, Rut27a, Rut27b, Rut27c, Rut27d, Rut28d, Rut28e, Rut28f, Rut29b, Rut29c, Rut29d, Rut29e, Rut30b, Rut30c, Rut30d, Rut30e, Rut35f, Rut35g, Rut35h, Rut35i, Ten20]. **Partial** [Rus51]. **Particle** [Ano08a, Ano32a, Fea77, Mal71, Ano00a, RG08d, RR08e, RR09b, RR09d, Rut23n, Rut23o, Rut24j, Rut66a, Rut70b, Wei11, Fea79, NM12, Rut06l, RG09a, RR09c, Rut23m, vdB07]. **Particles** [Mar61, Mos12a, Nia98, OH64, Rut06k, Rut08a, RG08a, RG08e, Rut08f, RW16, Rut19e, Rut19f, Rut19g, Rut19h, RC21a, Rut21e, Rut23k, RC24a, RWL31a, RWL31b, RLB33, RK34, WR31, GM09, GF10, GR12, GM13, Glo20, Hei68, Leo05, Rez24, Rit92, RH06a, RH06b, Rut06m, Rut07g, Rut07h, Rut07j, RG08b, Rut08c, Rut08d, RG08c, RG09b, RG10, Rut11i, RN13, RR13a, RR14, Rut16d, Rut19b, Rut21g, RC22, RC24c, Rut24l, RC25, RC27, Rut31d, Rut31c, Rut34g, Rut10a, Rut12, Tre74b]. **particulate** [TGP11]. **particules** [RH06a, Rut07h, RG08b, RG08c, RR09a]. **Partnership** [Coh97]. **passage** [TR96]. **Passing** [Rut06k, Rut06l]. **passion** [Hil17]. **Past** [vG95]. **path** [Fow83, Gan17]. **path-breaking** [Gan17]. **Patrick** [Lov75]. **Paul** [Kle10, Tes19]. **Pauling** [Gri09]. **pay** [Ano37j]. **Payot** [Mon66]. **Pb** [Cat93, ERM95]. **PBFA** [KLL+90, LSK+88]. **PBFA-II** [KLL+90, LSK+88]. **Pd** [SCP+91, vdK89]. **Peace** [Ano16]. **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, Büh98b, Cli87, Con62, Gam85, Glo20, Hag17, Har38, Hei79a, Hen84, Hug93, Hug00, Kae48, KHFA67, Lon03, Lon16d, LRdB+23, Mor74, RC13, Ree15a, Rut09b, Rut09c, Rut35d, Seg76, Sha87a, Sim96, Stu79a, WP85, Wei11, WH72, Wei72, Wei85, Wen53, Wil74, Wri64, Adl03, Ano09a, Ano18e, Clo18, CCJ+34, FR13i, Fre12, Tes19, Ano12a]. **Physik** [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, 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**

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RdCENdCA14b, RRR14, RdCENdCA14a, Rut15e, Rut27a, Rut27b, Rut27c,
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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, 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, 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]. **rozdenija** [Kap73a]. **Rt** [Coh40, Swa40, Eve39]. **Rt.** [Eve13]. **Rückstreu** [MMKS+80]. **Rückstreu-Analysen** [MMKS+80]. **Runge** [Agu96, BB80, Far87]. **Russell** [Eck20, Ano16]. **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, Har38, Hay63, Hil17, Hwa83, Jar08a, Kra14b, Lak96, Lüd13, M.39, Mil13, Mil38, Mol63, Mon66, Ole81, Osg66, Pei53, Pia24, Pol60, Poo52, Raz63, Rön58, Rut28g, Rut29j, Rut29k, Rut30h, Rut31e, Sch31, Seg62, Seg64, Seg66, Seg80c, Sil71, Smi37, Sod37, SR37, Som38, Stu78, Swa40, Szy85, Tho08a, Tho37a, Tho37b, Tre75b, Tre76a, Vuc86, Whe04, dB14, dB32]. **Rutherford** [dR92, ATS86, AAPN06, Agu96, AB09, AK11, Ale46, All64, And90, dCA38, dCA58, dCAH64, dCENdCA64, dCA68, Ano04b, Ano04c, Ano06, Ano07, Ano08a, Ano08d, Ano08e, Ano08f, Ano08g, Ano09a, Ano19, Ano22, Ano23b, Ano33c, Ano33d, Ano36b, Ano37a, Ano37d, Ano37c, Ano37b, Ano37e, Ano37i, Ano37f, Ano37g, Ano37j, Ano37k, Ano37l, Ano38a, Ano38b, Ano38c, Ano46b, Ano48, Ano50, Ano66a, Ano66b, Ano66d, Ano66c, Ano71a, Ano71b, Ano72, Ano05, Ano06, Ano09a, Ano09c, Ano10, Ano11, Ano16, Ano17c, Ano17d, Ano18d, Ano18e, Ano19a, Ano21, Anoxxa, Anoxxb, Anoxxc, Anoxxd, App62, Aro65b, Ast70, Bad67, Bad68, Bad69, Bad71, Bad74, Bad75, Bad79a, Bad83, Bad85a, Bad85b, Bad87, Bad04b, Bad08, Bad09, Bal21, Bar85, BJW97]. **Rutherford** [Bar83, BB80, BKP$^+$06, Bau73a, Bau73b, BSS88, BCM13, Bha82, BP93, Bir62, Bir63, Bis90, Bla50, Bla59, Bla72, BBR80, Boa07, Bod20, Boh61, Bou99, Bow14, Bra98, Bra61, Bra04, Bre00, Bre83, Bro73b, Bro62, BPSW91, BVI88, Büh98a, BS79, Ano81, Bur13a, Bur13b, Bur15, Bur64, Bur83, BELG68, Bur18, Bur82, Bur86, Bur38, CGL$^+$94, Cam98, Cam99, Cam00, Cam05, Cam09, Cam11, Cam14, Cam19, Car98, Cat93, Cha54, CFMO12, CYM$^+$03, CCR$^+$03, CLZ99, Cla13, Cla06, Cle81, Coc46, Coc53, Coh88, Coh89, Coh91, Coh92, Coh95, Coh97, CSN$^+$00, Con82, Cot10, CCR85, CBZ$^+$12, Cro74c, Cro74b, DBE$^+$85, DJA$^+$04, Dan66, Dar56b, DGC07, Dav71a, Dav71b, Dav37, Dea03, Dee67, Dem03, Dev71, Dev91, DMV$^+$96, DHS97, DM96, DBvdV87, Dow08, DYF67, DY68, DJBW83, Dyl20a, Ear66]. **Rutherford** [Eic72, ESWW82, Eld85, Ell60, EFKS96, ESRDV84, ERM95, EMVK90, EC38, Eve39, Eve13, Far63a, Far87, Fea40, Fea62a, Fea62b, Fea72, Fea73a, Fea73b, Fea77, FLK92, FR13b, FR13c, FR13d, FR13a, FR13f, FR13e, FR13g, FR13h, FGM$^+$00, Fla17, Flo70, Foc39, Fow72, Fow83, Fre12, FLP$^+$89, FTT96, FIY$^+$99, Ful13, GHCA91, GW73, Gar62, Gea61, Gei38b, Geo38, GR89, Goo10, Gor55, Gra02, GC00, Gre07, Gri09, Gro89, Gué38, GRS$^+$91, HM31, Hah62, Hah67a, HV84, HRM79, HHAMS93, HFD$^+$99, HKH96, HNS$^+$11, Hau82, Hei68, Hei79b, Hei81, Hei03, Hei67, Her84, Her77, MKM$^+$07, HKM$^+$09, Hes00, Hil17, Hon98, Hop21, How58, HW92, HZ15, HBA77, Hub13, Hug08, Hug12, HGM$^+$94, Hwa82, IYT$^+$09, IFSI94, Ish83, IOI$^+$11, Jac72, Jak79, Jar08b, Jen11, JBS12, Kae39, Kap73a]. **Rutherford** [Kap66a, Kap66b, Kap73b, Kap80b, Kap80c, Kap80d, Kap80e, KB93, Kat12, Kat15, Kay63, KLL$^+$90, KKK$^+$99, KOhM94, KBvB$^+$05, KSKF93, KIS$^+$89, KY11, Kot91, KG91, Kra12, Kri19c, Kri19d, Kri19e, Kru75, KKGW85, KS76, LHB$^+$09, Lab38, Lai37, LHNG14, Lau37, LRF86, LGA$^+$06, Lee98, LSK$^+$88, LSN$^+$09, LDLM91, Lew72, Lia80, LGF$^+$99, LEM65, LMC97, LxW99, Liv62, Lon16c, Lon16d, Lon16b, Lor88, Low79, Lu87, LCL$^+$04, Lüd13, MDJF83,

Mac11, MD69, MB90, Man82, Man76, Man77, Mar61, Mar72, Mar38, Mar54, MM03, MCJK90, Mas72, McC19, McG84, McK62, Mec14, MSB+37, MBS+04, MMKS+80, Moo74, Moo78, Mor75, Mot63, Mot72, Mur13, NJS+03, NFM+07, NOSK08, NOH+10, NMSK13, NL00, Nor79, NBG+84, O'S71, O'S72, Oeh86, OHN+09, OaHNM98, Oli47, Oli72a, Oli72b, Oli84, Oli85a, Opp64].
Rutherford [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, Ter67]. **Rutherford** [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, Ced00, Coh40, Fea70, Hei71, Her01a, Hub01, Ihd64, Oes70, Opp64, Sei86, Sin81, Stu79b, Swa40, Tre73, Tre75a, Tre77a, Tre85, Tur01, Whe80]. **Rutherford-scattering** [DBvdV87, SML91]. **Rutherford.** [Lin40]. **Rutherfordium** [Cam97]. **Rutherfords** [Tre74b].

S [Ano32b, Ble02, Coh40, Lin40, Lov76, Rut05j, Swa40, RRKH94, LFA+04]. **Sallhofer** [Lak96]. **samples** [LGF+99]. **Samuel** [Hug08, Kay63]. **Sanctuary** [Rut34k, Rut34n]. **Santilli** [Bur13a, Bur13b, Bur15]. **Satellite** [Stu86b]. **Saturday** [Hil17]. **sawtooth** [TMO+95]. **Says** [Ano19, Ano22, Ano23b]. **SbCl** [ESRDV84]. **scale** [Gro89]. **scanning** [FIY+99, Ish83, KY11, LHNG14]. **Scattering** [Bau73a, BELG68, Dav71a, Dav71b, DYF67, Ear66, Eic72, Gor55, LEM65, MD69, Mar61, Mar72, Rut11j, Sta61, TGMR74, WMT01, Wic65, Wil74, Agu96, AB09, Bab71, Bar83, BB80, BCM13, BBR80, DM96, DBvdV87, DY68, FLK92, GW73, HFD+99, Hei68, Kru75, LGF+99, Man77, Pae15b, RR95, RFF+01, Rit92, Rut11i, RC27, Rut12, SC13, SML91, TvBO+92, TMO+95, YHS97, vBD89, vBBGO90, vBBD+92, RN13, RC25]. **Scholars** [Rut34n]. **Scholastic** [Ano66d]. **Schrödinger** [Lak96]. **Science** [dCENdCA58, Ano09b, Ano20b, Ano23b, Ano32c, Anoxxb, Anoxxc, Boh61, Cle19, Dea03, Dev91, Dyl20b, Dys05, Eck20, Gen95, Gib19, Glo20, Jew19, Kha20, Mon66, RN04, Rut33b, Rut36b, Rut36i, Rut36j, Rut36k, Rut37c,

Rut38c, SG85, SMJ35a, SMJ35b, Sch57, Sin81, Stu79b, Zim69a, Zim69b, AK11, Bad79a, Ble02, Bod20, Bro62, Car98, Far16, FH60, HT10, Hil17, How58, Jen08, Kat15, Lev17, dAMxx, Mer96, Moo66, NP38, NP40, RCRC90, Ree15b, Rut36g, Won20, Giu12, dAMxx, Rut23p]. **Sciences** [BP70, Hei71, WH72]. **Scientific** [Bal15, Bar05, Bar06, Bru79, Coc63, Dro20, Dyl20b, Eve06, Har07, Har01, Kap80e, Mil13, Rod19, Rut27g, Rut33h, Rut33b, TGMR74, dB32, Bad87, Bey49, Fra05, Hah67b, Osg66, Rez71, Rez72, Wri64, RR87]. **Scientifica** [Cle19, Won20]. **scientifiques** [Mon66]. **Scientist** [Ano37c, Ano38b, Ced00, Clo18, Foc37, Her01a, Her01b, Hub01, RCRC92, Tur01, Ano37d, Ano21, Cam98, Cam99, Focxx, Kap73a, Pip01, Sat18]. **Scientists** [Ano06, Ano22, Ano32b, Ano33a, Ano37k, DG99, Dys05, Kae36, Seg85, Cat04, Gri09]. **scienza** [Car98]. **scoperta** [Car98]. **scoperte** [Seg76]. **screened** [ST76]. **Se** [Bha82]. **Se-implanted** [Bha82]. **Search** [Cha64, Cho01, Gea14a, Rut37d, Tre71a, Eid48, Lew02]. **Searching** [Lig18]. **sechs** [Sod02]. **sechzigsten** [HM31]. **Second** [Ano23b, HBA77, Jar08a, Stu18]. **second-** [HBA77]. **Secondary** [Reu81, BPSW91, Cle81, CSN+00, Gro89, NMSK13, Wil83b]. **Secret** [Ree16, Cam15, Ano32c]. **Secrets** [Ano32a, Wen53]. **section** [Bab71, Far87, LMC97, Wil83b, ZB74, Rut09i, Rut09e]. **sections** [RRKH94, ST76]. **seeds** [Lon16d]. **Seeing** [Dys05, Ree06, Ble99]. **Seen** [Ano32b]. **Sees** [Ano23b]. **segregation** [SHAI09]. **Sehr** [Rut02c]. **Selected** [Rez71, Rez72]. **Self** [Gar81, Stu78, FTT96, Tre77b]. **self-ion** [FTT96]. **Self-Splitting** [Gar81, Stu78, Tre77b]. **Sense** [Dys05]. **Sensitivity** [EMVK90, HNS+11]. **Sep** [Rut05c]. **separation** [ESWW82]. **September** [Bir61, Fle57, Meh73, Rut12a, VRWB12]. **septième** [CCJ+34]. **Settler** [Dea03]. **Seventh** [CCJ+34, Far01]. **several** [HKH96]. **shallow** [CFMO12]. **Shaped** [Gib19, Kae39, Mac11]. **share** [Wal18]. **shared** [Clo18]. **Shattering** [Kae36]. **Shea** [Ano81, Sin81, Stu79b, Whe80]. **Shed** [NL00]. **sheet** [SCP+91, SDD+08]. **Shields** [Whe18]. **shift** [Far87]. **Shifting** [TGMR74]. **Shifts** [Mar72]. **Shines** [Bah00]. **shook** [Gam85]. **Short** [Gen95, MF11]. **Si** [NJS+03, YKH+84, AAPN06, CFMO12, DGC07, FTT96, Gro89, KBvB+05, KEJ87, Lu87, LCL+04, NFM+07, SSWB80a, Sad81, TJRS03, WZS+91, WCZ+02, Yuh92, ZWJ+02, vIS89, vdK89]. **Si-depth** [vIS89]. **Si-Rich** [KEJ87]. **sic** [Ano09a, BKP+06, KIS+89, SPL+08, ZWJ+02]. **SiD** [YKH+84]. **Sidey** [Ano36a, Ano46a]. **Sidgwick** [Rut37a, Rut14]. **Sigma** [RSWE27]. **signal** [Lia80]. **Significance** [Fre79, TGMR74]. **Significantly** [WM88]. **SiH** [YKH+84]. **silicate** [IYT+09]. **Silicide** [AAPN06, KEJ87, Bra98, Her84]. **silicon** [ATS86, BPSW91, BVI88, Hwa82, Hwa83, IYT+09, KIS+89, LRF86, MB90, Oeh86, Sin93, TGDS99, WCGC86, Wan96]. **silicon/nitride** [ATS86]. **silver** [LRF86, TGP11]. **Simple** [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]. **sputter** [Bur86]. **sputter-deposited** [Bur86]. **sputtered** [Cat93, DHS97, GC00]. **sputtering** [Rei79, WM88]. **SrTiO** [HGM+94]. **St** [Rut05c]. **Stability** [Rut20f, Rut21f, PMCF+06, Rut25d, Rut25e]. **stabilizing** [PCK+08]. **Stable** [Hes00]. **stage** [Nix19]. **stages** [DGC07]. **stainless** [Whi82]. **Stalin** [Sno67, Sno68]. **Stand** [Ano31a]. **Standard** [Rut13a, Rut11b, Rut14j, Sku89, Rut14l]. **Standards** [CDE+31a, CDE+31b, CDE+31c, Rut10e]. **Standpoint** [Sod04]. **Stars** [Lig18]. **State** [RCW+26, Hei79a]. **States** [BB36]. **Stationary** [BB36]. **Statistical** [VV09]. **statistics** [GRS+91]. **steel** [Whi82]. **Step** [Gen95]. **Stephen** [Mon66, Ano18f, Sat18, Wal18]. **Sternstunden** [Büh98b]. **Steve** [Whe18]. **Stevens** [Bru79]. **Steward** [Ano45]. **Stewart** [Fos49, Sei86, dR92]. **still** [Kae48]. **Stillborn** [Tre75d]. **Stockholm** [Ano08e]. **Stoichiometric** [ESRDV84]. **stoichiometry** [GHCA91, Ish83]. **Stoney** [O'H75]. **stopping** [SBEO86]. **Stores** [Ano23b, Ano32a]. **Story** [Cam09, Fea77, Jor16, Kra18, Mar20, Mon66, Sod49, Ano19a, Eva39a, Eva39b, Fea79, Gam85, How58, Nix19, Ree15a, Mon66, Kri20]. **Stoughton** [Stu85]. **straggling** [WZS+91]. **Strahlen** [RG02a, Rut02c, Rut06i, Rut31d, Rut31c]. **Strahlungen** [Rut13b, Rut13g, Mec14]. **Strain** [NJS+03, WYV+99, LCL+04, WVH+99]. **Strange** [Jor16]. **Straßmann** [CSW97, CSW97]. **Straus** [Dys05]. **Strength** [Mot63]. **stroenie** [Rez21]. **strong** [Ano04]. **Structural** [LDLM91, KIS+89, Tho84]. **Structure** [Bro73b, CCJ+34, Gam29a, Hon98, Hon03, KH23, Nia98, RN04, Rus56a, Rut11j, Rut13c, Rut13d, Rut13h, Rut14a, Rut14b, Rut14c, Rut23l, Rut23r, Rut23q, Rut26h, Rut27a, Rut27b, Rut27c, Rut27d, Rut27h, RAC+29, RCE+32, RJ65, Rut70e, Tre75b, Gro89, Hei34, NOH+10, Nor79, OHN+09, Rez21, Rez29, Rez32, Rut11i, Rut14d, Rut14e, Rut21d, Rut23s, Rut24a, Rut24b, Rut25i, Rut26b, Rut26c, Rut26d, Rut26e, Rut30b, Rut30c, Rut30d, Rut30e, Rut12, Sod20, Sod22, Sod04, Wyb72, Yuh92, CCJ+34, Rut27l]. **structures** [NMSK13, SSWB80b, SSWB80a]. **Struktur** [Rut24a, Rut24b]. **strukture** [Rez29, Rez32]. **Stuart** [Lov75]. **Student** [BELG68]. **Studied** [OaHNM98, ATS86, Bha82, CYM+03, Eld85, IFSI94, KBvB+05, LCL+04, MBS+04, SHAI09, Sin93, TGP11, WYV+99, WCZ+02, Yuh92, ZWJ+02]. **Studien** [Mos13b]. **Studies** [Dav71b, FR13g, Rut25f, Rut25g, Rut70g, SHCK96, Tan77, WCGC86, YKH+84, Bey49, BBR80, GRS+91, Nor79, Oeh86, PAF+98, SSWB80a, Sad81, TF89, TMJ+99, Whi82]. **Study** [Bau73a, Bau73b, CBZ+12, FIY+99, Hon98, Ish83, LGA+06, LFA+04, Rut27i, AAPN06, Con82, DGC07, FGM+00, GC00, HV84, HGM+94, IYT+09, LxW99,

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

T [Ano32b, Sei86, Sen87, Stu85, Tre75a]. **T.** [Ano36a, Ano46a]. **Ta/GaAs** [Eld85]. **table** [Kra13]. **taken** [CSW97]. **tale** [CSW96]. **Talk** [Rut08g, Rut15i]. **Talks** [Kap74]. **Tanganyika** [SWS65]. **tank** [Mor18]. **Taylor** [Clo18]. **Te** [Con82, CBZ+12, Win94, Wuy91]. **teacher** [Kap73a]. **teaching** [Wil74]. **teamwork** [Bod20]. **Technical** [Ole81, Low79]. **Technique** [Hon03, WMT01, CCR85]. **Techniques** [Bad68, NBG+84, PBFt83, SSWB80b, Yuh92]. **Technologies** [Gus12, BC16]. **Technology** [Anoxxc, KT84, Mor18, Mor75]. **Teil** [RS02b, RS02a]. **Teilchen** [RG09b, Rut31d, Rut31c, vdB07, RR13a, Tre74b]. **Teilchens** [Rut07g, Rut08c, Rut08d, RG09a]. **telluride** [Man82]. **Temperament** [SMJ35a, SMJ35b]. **Temperatur** [Rut01b]. **Temperature** [RP07, Rut30i, Bha82, DGC07, DBvdV87, FLP+89, LCL+04, Rut01b, vBBGO90, vBBD+92]. **temperatures** [vBD89]. **ten** [Ano18c, DMPA08, NP38, NP40]. **tens**

[HKH96]. **tenu** [CCJ+34, LRdB+23]. **term** [Gan18b]. **Terms** [Mar72]. **Test** [Ree06]. **Tests** [Ano32b]. **tetrafluoroethylene** [EMVK90]. **tetragonal** [WCZ+02, ZCS+12]. **Texas** [Wel90]. **Textbooks** [Nia98, NM12, RN04]. **TEXTOR** [TvBO+92, vBBGO90]. **Thaddeus** [Gar81, Stu78]. **Thales** [Lak96]. **Theater** [Hil17]. **Their** [Hon98, Kae36, Mil13, Ole81, Rut19a, Cla13, Mak08, PMCF+06, Rez28, Rut11e, Rut12g, Rut13b, Rut13f, Rut13g, Rut23a, Rut23b, Rut23c, Rut23d, Rut23e, Rut23f, Rut23g, Rut23h, Rut23i, Rut23j, Rut26f, Rut26g, Rut30b, Rut30c, Rut30d, Rut30e, Rut32a, RB32, Rut70a, Seg80a]. **Theoretical** [Hon98, Lon03, Meh73, Hei34]. **Theorie** [Rut09b, Rut09c, vW35]. **théoriques** [Hei34]. **Theorist** [SM08]. **Theory** [Ang00, Ano32b, Gea14a, Kap74, Kap80a, KH23, Mon66, Mot72, Rut10f, Rut11a, Rut29i, Rut37g, Rutxx, Sod04, Tre71b, Tre71a, Tre75c, Tre75d, Cha76, Cli65, Cli87, Gam28, Gam29b, Gam85, Hou30, Lev17, Pol60, Rut09k, Rut09b, Rut09c, Rut36f, Rut36h, Sch57, vW35]. **Therapy** [Sla13]. **there** [Spe19]. **thermal** [GHCA91, Lu87, PMCF+06]. **Thermodynamics** [Kle66]. **thick** [ZCS+12]. **thickness** [CSN+00, CCR85]. **Thin** [JBS12, LHB+09, Mar61, SCP+91, And90, Bur86, Cat93, DHS97, DJBW83, FGM+00, FIY+99, GR89, HV84, IFSI94, IOI+11, KKK+99, PBFt83, Reu81, Sim82, SDD+08, TMJ+99, WVCW76]. **Thin-film** [SCP+91, HV84, Sim82]. **things** [Bat72, Bro18, Mor18]. **third** [HBA77]. **third-power** [HBA77]. **thirteen** [Bey49]. **thirties** [Hen84, Sei86, Stu85]. **Thirty** [Gam85, Rut33h]. **thirty-fifth** [Rut33h]. **Thomas** [Dea03]. **Thomson** [Kra14b, Lak96, Rön58, Whe04, Kub11]. **Thorium** [FR13e, HS89, RO99, Rut00a, RS02c, RS02i, RW16, RWWW30, RWL31b, ESWW82, Flo70, GF10, Rut00g, Rut00b, Rut00c, Rut00e, Rut00f, RS02d, RS02e, RS02f, RS02k, RS02j, RS02l, RS02m, RS03d, RH06b, Rut11d, RR13b, Rut16d, Rut21g]. **Thoriumverbindungen** [Rut00e]. **those** [RCO+54]. **Thousand** [Ano22]. **threat** [BC16]. **Three** [And73, Eid48]. **Thus** [Ano32b]. **Ti** [Cat93, FGM+00, KKK+99, PCK+08, SCP+91]. **TiCN** [PMCF+06]. **Tiger** [Gus12]. **Time** [Ano46a, Ano17, Kay63, Ano36a, DJA+04, Hah62, HKH96, Hei79b, Lev17, NMSK13, Sat18, SDD+08]. **time-of-flight** [DJA+04, HKH96]. **Timeline** [Whe18]. **times** [Bre97, Cro01, Stu79b]. **Tin** [KT84, NL00, PNFO88, PMCF+06, SER+01, SCP+91]. **Tinsley** [Cot10]. **TiNx** [Kot91]. **TiNx/TiSiy** [Kot91]. **TiNy** [Gro89]. **TiO** [LFA+04]. **tip** [Tab97]. **TiSiy** [Kot91]. **TiSiz** [Gro89]. **titanium** [Bur86, NFM+07, Vas90]. **titled** [Mon66]. **Today** [Mas72]. **tokamak** [vBBD+92]. **Told** [Ano33a, Nix19]. **Tomography** [WMT01]. **Tondokument** [Lüd13]. **Tonspurerhaltung** [Lüd13]. **Tool** [vG95]. **Top** [Kha20, Ano18c]. **topography** [SLA+00]. **Torn** [Ano32b]. **torus** [RFF+01]. **total** [KBvB+05]. **total-reflection** [KBvB+05]. **Townsend** [Ble02]. **Traced** [Ano06]. **traduction** [Mon66]. **Traité** [Cur10]. **transform** [TGDS99]. **Transformation** [Ano33b, Mos12a, Rut05i, Rut11g, Rut26f, Rut28d, Rut28e, Rut28f, Rut35k, RS66, Lu87, Rez28, Rut04n, Rut04j, Rut04b, Rut05g,

Rut05b, Rut05o, Rut12d, Rut36c, Rut36d, Rut36e, RG11]. **Transformations** [OKR35b, OKR35a, Rut06e, Rut06f, Rut11c, Rut35e, RL07, Lor70b, Rut07b, Hub13]. **Transformed** [Ano08a]. **transient** [CBZ+12]. **transition** [Yuh92]. **Transmission** [Rut01d, SSWB80a, Sad81, BKP+06, CSN+00, Lu87, Phi83, Pye78, Rut03h, SSWB80b, Wil83b, Rut02d]. **Transmutation** [Ano19, Ano33d, F.33, Kri19b, Kri19c, Kri19d, Mar20, OR33, OKR33, OHR34a, OHR34b, Rom64, Rut34i, Rut37b, Rut38d, Rut38e, Lor70f, Rut70h, Rut38f, Cam19, Rut30g, Rut33a, Rut33h, Rut33j, Rut33d, Rut33e, Rut33f, Rut33g, Rut37e, Rut37f, Lor70e, Seg80b, Tre74a, Ano33c, Ano37i, Lau37, Mon66, Kri20]. **transmutations** [Leo05, Oak19, Rut34e]. **Transmute** [Ano22]. **Transmuted** [Ano32b]. **transport** [KIS+89, TF89]. **transported** [YHS97]. **Transuranic** [Kra18, Sto97]. **transuranium** [Sea88, Wel90]. **trapped** [GR89]. **Traveling** [Dro20]. **Travelling** [Rod19]. **Treatise** [Sod04]. **Treatment** [Liv62]. **Trenn** [Stu78, Gar81]. **Tribute** [Ano37l, Foc37, Pan57, Pan64, Ano37j, Focxx, Kub11, MSB+37]. **Tributes** [Ano37i, Ano38a, MSB+37, Lau37]. **Trieste** [Meh73]. **trifluoromethanesulfonyl** [NOSK08, NOH+10]. **Trilogy** [AH13]. **Trimethylpropylammonium** [NOSK08]. **Trinity** [Ree06]. **Trip** [Rut25h, Wad20]. **tritium** [Eid48]. **Triumphs** [DeB19]. **trudy** [Rez71, Rez72]. **True** [MM03, RCRC04]. **Truths** [Kae36]. **Tube** [Coo13, Kor12, RB15, RBR15, Rut17]. **Tungsten** [Bra98, KEJ87]. **tunneling** [FIY+99, LSN+09]. **Turn** [BS79, Ano81, Sin81, Stu79b, Whe80, Hei79a, Rig79]. **Turning** [Gre07]. **Twentieth** [Ano12a, Rut12a, VRWB12]. **Two** [Ano32b, Ano04, Ble02, Hon98, Lav14, Bar83, Oli66a, Oli66b, Oli85b]. **Type** [Rut29a].

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

V [dB14, Rut07j, Rut09f, Rut22n]. **vacua** [Rut24e, Rut24f, Rut24g, Rut24h]. **Valley** [Ben20]. **Vapor** [KEJ87, Hwa82, Hwa83, KIS+89, Sin93]. **Vapours** [Rut97a]. **variable** [vdK89]. **variations** [RG10]. **Variety** [Sno67]. **Vast** [Ano32a]. **vector** [Agu96, BB80, Far87]. **Vega** [Spe19]. **velocities** [RR14]. **Velocity** [Rut01a, Rut06k, Rut97c, RH06a, Rut06m, Rut07g, Rut07j, Rut07h, Rut19f]. **Verhalten** [HS39]. **verification** [Bur13b]. **Verifying** [Cha76]. **Verlagsgesellschaft** [Mos13b]. **Verleihung** [Lüd13]. **Version** [Ear66, ESWW82, Mon66]. **Versuche** [Rut02e]. **versus** [dAMxx]. **Verwandlung** [Rut04b, Rut05b]. **Verwendung** [Rut11e]. **very** [Gro89, Rut02c]. **VI** [RB09, Rut22o]. **via** [BB80, BSS88]. **vibration** [Rut16e]. **Victoria** [Bir61]. **Victorian** [NL00]. **Victorian-age** [NL00]. **view** [BKP+06, Jak79, Lon03]. **Views** [Ano31b, Fel19]. **vii** [Pia24, Rut11h]. **VII.** [Rut11h]. **viii** [Mos13b, Sin81, Stu79b, BR11c, Eve06, Rut99, Rut02f]. **VIII.** [BR11c]. **Villars** [Pia24]. **vinylpyridine** [HW92]. **violet** [Rut98]. **Viruses** [RMM+29]. **Viscosity** [Rut95]. **Visibility** [Ree06]. **Visionary** [FR13h]. **Visit** [Jen85]. **Visualizing** [Rut09g, Rut09h]. **vitae** [Coh95]. **Vitesse** [Rut07h, RH06a]. **Vito** [Ano12a]. **VLSI** [GRS87]. **Vol** [Ano64, Ano66e, Aro65a, Bur64, Osg66, Mon66, Seg62, Seg64, RC62]. **voltage** [CBZ+12]. **Voltages** [Rut27g, RBR15]. **Volterra** [Ano12a, dB14]. **Volts** [Ano32c]. **Volume** [Aro66, BM66, FK85, Rut08h, Seg66]. **Vorlesung** [Rut21d]. **vs** [Hon98].

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, Tre85]. **window** [SWZ+05]. **Winner** [Ano37i, Ano09a, Lau37, Tho08b]. **Winners** [Ano99, Ano16, Far53, Far63c]. **Winnipeg** [Rut09e]. **wins** [Wil17]. **Winston** [Sno67, Sno68]. **Within** [Jen85, Dem03]. **Without** [Ano19, Ano32c, Jen85, Ten20]. **Woman** [RC04, RCRC05, Ged16]. **women** [RCRC90]. **Won** [Dys05, Cat04]. **Wood** [Ano12a, dB14, McD19]. **Worcester** [VRWB12]. **Work** [Ano32b, Ano37i, Boh61, Kap80e, Kle66, Lau37, Mar54, Rut25c, Ano09a, Coc46, Gei38a, Hou30, NBG+84, Rut05j, Rut33j]. **workers** [Sod02, Sod03]. **working** [Nix19, Oli84]. **works** [dAMxx, Won20]. **World** [Ano32c, Ano33a, Anoxxd, Arr06, BM66, BC16, Cle19, Dyl20a, Kri19e, Stu18, Ber07, Jak79, Mac11, Mer96, Moo66, Mor18, Seg80b, Bad05, Hag17]. **Worthies** [dB32]. **Wounds** [Sta03]. **wrath** [VPW14]. **writings** [Low79, Ole81, Ole81]. **Written** [Ano38b]. **wrote** [Ged16]. **WW1** [Mor18]. **Wybourne** [Tre75b].

X [Ced00, Adl97, And90, Bau73a, Bau73b, BBR80, Bra98, Bra61, Bur86, CYM+03, CSN+00, CCR85, DHS97, HV84, KKK+99, KBvB+05, KSKF93, MD13b, MD13a, Mos14a, PAF+98, Pip01, PCK+08, Rön58, RB15, RBR15, Rut16c, Rut17, Rut18, Rut25c, RW25, Rut29a, SER+01, Seg80a, Sin93, Sku89, SDD+08, Vas90, Win94, WVH+99, WYV+99]. **X-Ray** [Mos14a, Rut29a, And90, BBR80, Bra98, Bra61, Bur86, CYM+03, CSN+00, CCR85, DHS97, HV84, KKK+99, KBvB+05, KSKF93, PAF+98, PCK+08, Rut16c, RW25, SER+01, Sin93, Sku89, SDD+08, Vas90, Win94, WVH+99, WYV+99]. **X-Rays** [MD13b, MD13a, Rön58, Rut18, Rut25c, Seg80a]. **XCIV** [Rut14f]. **XCIX** [RC25]. **XCVIII** [Rut12e]. **Xe** [Wan96]. **Xi** [RSWE27, Bro86, Stu85, Har07, Rut00f]. **xii** [Bat72, Stu85, Szy85, RT09]. **XIII** [Rut06j]. **XIX** [RB04c, Rut05m, Rut06l, RR13e]. **XL** [TR96]. **XLI** [RS02h, Rut06m]. **XLII** [RH06b, RC22]. **XLIII** [Rut03d, Rut12h, Rut16d]. **XLIV** [RS03d]. **XLVI** [Rut06k, dB32]. **XLVII** [Rut03e]. **XV** [Rut03f]. **XVI** [Rut01e, Rut10g]. **XVII** [Rut17]. **XX** [Rut95, RC12b]. **XXI** [Cha12, RR09d]. **xxii** [Hei71, Rut06n]. **XXIII** [Rut08h]. **XXIV** [RR08c, Rut24l]. **XXV** [Rut05n]. **XXVIII** [Rut21e]. **XXXI** [Rut14g]. **XXXIII** [RS02i]. **XXXIV** [RG02b, RR13c, Rut14h, RBR15]. **XXXV** [Rut97a, RB15]. **XXXVII** [Rut05o, Rut14i]. **XXXVIII** [Rut14j].

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

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[Ano04b] Anonymous. Professor Rutherford. *The Taranaki Herald [New Zealand]*, 53(12707):7, November 12, 1904. URL `http://paperspast.natlib.govt.nz/cgi-bin/paperspast?a=d&cl=search&d=TH19041112.2.38.5`.

Anonymous:1904:PRR

[Ano04c] Anonymous. Professor Rutherford on radium. *Science*, 19 (493):899–900, June 10, 1904. CODEN SCIEAS. ISSN 0036-8075 (print), 1095-9203 (electronic). URL `http://science.sciencemag.org/content/19/493/899.2`.

Anonymous:1905:DP

[Ano05] Anonymous. Doomsday postponed. *New York Times*, ?? (??):6, January 29, 1905. CODEN NYTIAO. ISSN 0362-4331 (print), 1542-667X, 1553-8095. URL `http://search.proquest.com/hnpnewyorktimes/docview/96582025`.

Anonymous:1906:ART

[Ano06] Anonymous. Ancestry of radium traced by scientists: Prof. Rutherford learns it can be obtained from actinium. *New York Times*, ??(??):1, December 29, 1906. CODEN NYTIAO. ISSN 0362-4331 (print), 1542-667X, 1553-8095. URL `http://search.proquest.com/hnpnewyorktimes/results/8D6194946E9472`.

Anonymous:1907:RLM

[Ano07] Anonymous. Rutherford leaves McGill: Well-known physicist accepts a chair in Manchester, England. *New York Times*, ??(??):1, January 13, 1907. CODEN NYTIAO. ISSN 0362-4331 (print), 1542-667X, 1553-8095. URL `http://search.proquest.com/hnpnewyorktimes/docview/96715096/`.

Anonymous:1908:AMC

[Ano08a] Anonymous. Atom of matter can be detected: Prof. Rutherford, expert on radio-activity, makes successful experiments. Substances transformed. Accomplished by expulsion of an 'alpha particle,' which Prof. Rutherford believes is an atom of helium. *New York Times*, ??(??): C3, November 8, 1908. CODEN NYTIAO. ISSN 0362-4331 (print), 1542-667X, 1553-8095. URL `http://search.proquest.com/hnpnewyorktimes/docview/96833123`.

Anonymous:1908:NPC

[Ano08b] Anonymous. The Nobel Prizes: Chemistry award to Manchester. *Manchester Guardian*, page 6, December 10, 1908. CODEN ???? ISSN 0307-756X. URL `http://pqasb.pqarchiver.com/guardian/doc/474854722.html`.

Anonymous:1908:P

[Ano08c] Anonymous. Personal. *The Taranaki Herald [New Zealand]*, 54(13657):4, March 23, 1908. URL `http://paperspast.natlib.govt.nz/cgi-bin/paperspast?a=d&cl=search&d=TH19080323.2.29`.

Anonymous:1908:PRB

[Ano08d] Anonymous. Professor Rutherford. A brilliant New Zealander. *The Taranaki Herald [New Zealand]*, 54 (13821):7, November 30, 1908. URL `http://paperspast.natlib.govt.nz/cgi-bin/paperspast?a=d&cl=search&d=TH19081130.2.54`.

Anonymous:1908:PRBb

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

Anonymous:1908:PRR

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

Anonymous:1908:PRW

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

Anonymous:1909:DPR

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

Anonymous:1909:NSN

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

Anonymous:1909:RLD

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

Anonymous:1912:BRL

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

Anonymous:1912:EPE

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

Anonymous:1915:CA

[Ano15] Anonymous. The constitution of the atom. *Science*, 41 (1048):160–162, January 29, 1915. CODEN SCIEAS. ISSN 0036-8075 (print), 1095-9203 (electronic). URL `http://www.jstor.org/stable/1640604`.

Anonymous:1919:AGR

[Ano19] Anonymous. Alchemists' goal reached by Briton?: *Paris Matin* says Sir Ernest Rutherford has discovered transmutation. Ramsay made like claim but British chemist died without making full reports of his experiments. *New York Times*,

??(??):2, December 9, 1919. CODEN NYTIAO. ISSN 0362-4331 (print), 1542-667X, 1553-8095. URL http://search.proquest.com/hnpnewyorktimes/docview/100384859.

Anonymous:1920:PBA

[Ano20a] Anonymous. Physics at the British Association. *Nature*, 106(2663):357–358, November 11, 1920. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL http://www.nature.com/nature/journal/v106/n2663/pdf/106357a0.pdf. From this meeting report: "The results thus show that the elements may be considered as being composed of these hydrogen nuclei, or 'protons' as Sir Ernest Rutherford would have us call them, ..." It is believed that this is the first published mention of the word proton.

Anonymous:1920:SLA

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

Anonymous:1922:WTE

[Ano22] Anonymous. Way to transmute elements is found: Dream of scientists for a thousand years achieved by Dr. Rutherford. new age, says Richardson. Remarkable result of bombarding nitrogen gas with the alpha rays of radium. Result of a chemical collision. Dr. Kendall on Rutherford. results of the discovery. energy of high power. *New York Times*, ??(??):34, January 8, 1922. CODEN NYTIAO. ISSN 0362-4331 (print), 1542-667X, 1553-8095. URL http://search.proquest.com/hnpnewyorktimes/docview/100061168/.

Anonymous:1923:MBB

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

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

Anonymous:1923:PES

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

Anonymous:1931:RKN

[Ano31a] Anonymous. Die radioaktiven Konstanten nach dem Stand von 1930. (German) [Radioactive constants as of 1930]. *Physikalische Zeitschrift*, 32:569–??, ???? 1931. CODEN PHZTAO. ISSN 0369-982X. Mitglieder (Members): M. Curie, A. Debierne, A. S. Eve, H. Geiger, O. Hahn, S. C. Lind, St. Meyer, E. Rutherford, E. Schweidler. Experten (Experts): J. Chadwick, I. Joliot-Curie, K. W. F. Kohlrausch, A. F. Kovarik. L. W. McKeehan, L. Meitner U. H. Schlundt.

Anonymous:1931:NVb

[Ano31b] Anonymous. News and views. *Nature*, 127(3213):826–832, May 30, 1931. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `http://www.nature.com/nature/journal/v127/n3213/pdf/127826b0.pdf`.

Anonymous:1932:AGM

[Ano32a] Anonymous. The atom is giving up its mighty secrets: The latest success in smashing the ultimate particle of matter leads onward toward the solution of the mystery of the cosmos and the day when vast stores of energy may be unlocked for man. *New York Times*, ??(??):xxl, May 8, 1932. CODEN NYTIAO. ISSN 0362-4331 (print), 1542-667X, 1553-8095. URL `http://search.proquest.com/hnpnewyorktimes/docview/99628645/`.

Anonymous:1932:ATA

[Ano32b] Anonymous. Atom torn apart, yielding 60% more energy than used. But two British scientists succeed only once in each 10,000,000 bombarded. Battered with protons. Hydrogen atoms are thus transmuted into helium — conservation theory seen upset. Tests made for 3 years. Dr. J. D. Cockcroft and Dr. E. T. S. Walton of Cavendish Laboratory, Cambridge explain work. *New York Times*, ??(??):1, May 2, 1932. CODEN NYTIAO. ISSN 0362-4331 (print), 1542-667X, 1553-8095. URL `http://search.proquest.com/hnpnewyorktimes/docview/99718000/`.

Anonymous:1932:SGD

[Ano32c] Anonymous. Science's greatest discovery. The atom split at 100,000 volts. Secret of Cambridge Laboratory. Making a new world. Energy without limit. *Reynold's Illustrated News*, ??(4):261, May 1, 1932.

Anonymous:1933:APW

[Ano33a] Anonymous. Atom-powered world absurd, scientists told. *New York Herald Tribune*, ??(??):1, 37, September 12, 1933.

Anonymous:1933:BAB

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

Anonymous:1933:BAS

[Ano33c] Anonymous. The British Association. Some of the papers. Transmutation of atoms. Kelvin to Rutherford. *Manchester Guardian*, ??(??):9–10, September 6, 1933. CODEN ???? ISSN 0307-756X. URL `http://pqasb.pqarchiver.com/guardian/doc/483467389.html`.

Anonymous:1933:TAL

[Ano33d] Anonymous. Transmutation of the atom. Lord Rutherford's review of a quarter of a century's progress. A popular belief exploded. *Manchester Guardian*, ??(??):12, September 12, 1933. CODEN ???? ISSN 0307-756X. URL `http://pqasb.pqarchiver.com/guardian/doc/483537140.html`.

Anonymous:1936:AKS

[Ano36a] Anonymous. Award of the T. K. Sidey Summer-time Medal and Prize [to Lord Rutherford of Nelson, O.M., D.Sc., F.R.S., F.R.S.N.Z., in 1933]. *Transactions and Proceedings of the Royal Society of New Zealand*, 65:??, 1936. CODEN TRNZAS. ISSN 0035-9181. URL `https://natlib.govt.nz/records/1060593`.

Anonymous:1936:RLE

[Ano36b] Anonymous. [Reprint of letters from Ernest Rutherford to his mother]. *The Taranaki Herald [New Zealand]*, ??(??):??, ???? 1936.

Anonymous:1937:ABR

[Ano37a] Anonymous. Abbey burial for Rutherford. *New York Times*, ??(??):24, October 21, 1937. CODEN NYTIAO. ISSN 0362-4331 (print), 1542-667X, 1553-8095. URL `http://search.proquest.com/hnpnewyorktimes/docview/102141852`.

Anonymous:1937:DLRc

[Ano37b] Anonymous. Death of Lord Rutherford. *The Times [London, UK]*, ??(??):7, October 20, 1937. ISSN 0140-0460, 0956-1382.

Anonymous:1937:DLRb

[Ano37c] Anonymous. Death of Lord Rutherford. A great scientist. collapse after operation. *Manchester Guardian*, ??(??):11, October 20, 1937. CODEN ???? ISSN 0307-756X. URL `http://pqasb.pqarchiver.com/guardian/doc/484341394.html`.

Anonymous:1937:DLRa

[Ano37d] Anonymous. Death of Lord Rutherford. Greatest experimental scientist since Faraday. The splitting of the atom. *Manchester Guardian*, ??(??):7, October 20, 1937. CODEN ???? ISSN 0307-756X. URL `http://pqasb.pqarchiver.com/guardian/doc/484289240.html`.

Anonymous:1937:FLR

[Ano37e] Anonymous. The funeral of Lord Rutherford. *Nature*, 140 (3548):754, October 30, 1937. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `http://www.nature.com/nature/journal/v140/n3548/abs/140754a0.html`.

Anonymous:1937:LRa

[Ano37f] Anonymous. Lord Rutherford. *Manchester Guardian*, ??(??):10, October 20, 1937. CODEN ???? ISSN 0307-756X. URL `http://pqasb.pqarchiver.com/guardian/doc/484312284.html`.

Anonymous:1937:LRb

[Ano37g] Anonymous. Lord Rutherford. *New York Times*, ??(??):22, October 21, 1937. CODEN NYTIAO. ISSN 0362-4331 (print), 1542-667X, 1553-8095. URL `http://search.proquest.com/hnpnewyorktimes/docview/102068592`.

Anonymous:1937:LRM

[Ano37h] Anonymous. Lord Rutherford, O.M., F.R.S. *Nature*, 140 (3547):717, October 23, 1937. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `http://www.nature.com/nature/journal/v140/n3547/pdf/140717a0.pdf`.

Anonymous:1937:LRP

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

Anonymous:1937:NPT

[Ano37j] Anonymous. Nations pay tribute at Rutherford rites: King also represented at funeral in Westminster Abbey for famous physicist. *New York Times*, ??(??):23, October 26, 1937. CODEN NYTIAO. ISSN 0362-4331 (print), 1542-667X, 1553-8095. URL `http://search.proquest.com/hnpnewyorktimes/docview/102179037`.

Anonymous:1937:SLR

[Ano37k] Anonymous. Soviet and Lord Rutherford: Scientists to honour his memory. *Manchester Guardian*, ??(??):24, November 14, 1937. CODEN ???? ISSN 0307-756X. URL `http://pqasb.pqarchiver.com/guardian/doc/481627301.html`.

Anonymous:1937:STL

[Ano37l] Anonymous. Soviet tribute [to] Late Lord Rutherford. Gathering in Moscow. *New Zealand Herald*, 74(22905):15, December 7, 1937. URL `http://paperspast.natlib.govt.nz/cgi-bin/paperspast?a=d&cl=search&d=NZH19371207.2.170`.

Anonymous:1938:DTL

[Ano38a] Anonymous. Dominion tributes to Lord Rutherford. *Nature*, 141(3575):841–842, May 7, 1938. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `http://www.nature.com/nature/journal/v141/n3575/pdf/141841a0.pdf`.

Anonymous:1938:LRL

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

Anonymous:1938:OLR

[Ano38c] Anonymous. [Obituary: Lord Rutherford]. *Proceedings of the Physical Society, London*, 50(3):441–466, May 2, 1938. CODEN PPSOAU. ISSN 0959-5309 (print), 2051-2171 (electronic). URL `http://iopscience.iop.org/0959-5309/50/3`.

Anonymous:1945:MWK

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

Anonymous:1945:AKS

[Ano46a] Anonymous. Award of the T. K. Sidey Summer-Time Medal and Prize [to Lord Rutherford of Nelson, O.M., D.Sc., F.R.S., F.R.S.N.Z., in 1933]. *Transactions and Proceedings of the Royal Society of New Zealand*, 75:482, 1945–1946. CODEN TRNZAS. ISSN 0035-9181. URL `http://rsnz.natlib.govt.nz/volume/rsnz_75/rsnz_75_`

04_005710.html; https://natlib.govt.nz/records/1039422.

Anonymous:1946:LR

[Ano46b] Anonymous. Lord Rutherford. *Notes and Records of the Royal Society of London*, 4(1):103–108, April 1946. CODEN NOREAY. ISSN 0035-9149 (print), 1743-0178 (electronic). URL http://www.jstor.org/stable/531246. Transcript of a BBC radio talk on 16 December 1945 by Sir Henry Tizard about Lord Rutherford.

Anonymous:1948:RCP

[Ano48] Anonymous. Rutherford Commemoration, Paris, 7 and 8 November 1947. *Notes and Records of the Royal Society of London*, 6(1):67–68, December 1, 1948. CODEN NOREAY. ISSN 0035-9149 (print), 1743-0178 (electronic). URL http://rsnr.royalsocietypublishing.org/content/6/1/67.

Anonymous:1950:FQL

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

Anonymous:1959:GCP

[Ano59] Anonymous. George Crowe: A profile. *New Scientist*, 6(149):516–517, September 24, 1959. CODEN NWSCAL. ISSN 0262-4079 (print), 1364-8500 (electronic).

Anonymous:1960:BRE

[Ano60] Anonymous. Book review: *Ernest Rutherford, Atom Pioneer*, by John Rowland. *The American Biology Teacher*, 22(1):47, 1960. ISSN 0002-7685 (print), 1938-4211 (electronic). URL http://www.jstor.org/stable/4439230.

Anonymous:1964:ERL

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

Anonymous:1966:RLR

[Ano66a] Anonymous. Recollections of Lord Rutherford. A lecture by Academician P. L. Kapitza. *Proceedings of the Royal Society A: Mathematical, Physical, and Engineering Sciences*, 294(1437):123–137, 1966. CODEN PRLAAZ. ISSN 0080-4630 (print), 2053-9169 (electronic). URL `http://rspa.royalsocietypublishing.org/content/294/1437/123`.

Anonymous:1966:RSEa

[Ano66b] Anonymous. Rutherford, Sir Ernest (Baron Rutherford of Nelson, O.M., F.R.S.). In Alexander H. McLintock, editor, *An Encyclopaedia of New Zealand: Q–Z*, page ?? Owen, Wellington, New Zealand, 1966. URL `http://www.teara.govt.nz/en/1966/rutherford-sir-ernest`. Three volumes.

Anonymous:1966:RSEc

[Ano66c] Anonymous. Rutherford, Sir Ernest: Portraits of Rutherford. In Alexander H. McLintock, editor, *An Encyclopaedia of New Zealand: Q–Z*, page ?? Owen, Wellington, New Zealand, 1966. URL `http://www.teara.govt.nz/en/1966/rutherford-sir-ernest/page-3`. Three volumes.

Anonymous:1966:RSEb

[Ano66d] Anonymous. Rutherford, Sir Ernest: Rutherford's chief honours and scholastic distinctions. In Alexander H. McLintock, editor, *An Encyclopaedia of New Zealand: Q–Z*, page ?? Owen, Wellington, New Zealand, 1966. URL `http://www.teara.govt.nz/en/1966/rutherford-sir-ernest/page-2`. Three volumes.

Anonymous:1966:CPL

[Ano66e] Anonymous. The collected papers of Lord Rutherford of Nelson. Vol. III — The Cavendish Laboratory. *Contemporary Physics*, 7(3):230–231, 1966. CODEN CTPHAF. ISSN 0010-7514 (print), 1366-5812 (electronic).

Anonymous:1971:ER

[Ano71a] Anonymous. Ernest Rutherford (1871–1937). *The Physics Teacher*, 9(7):382, 1971. CODEN PHTEAH. ISSN 0031-921X (print), 1943-4928 (electronic).

Anonymous:1971:RGR

[Ano71b] Anonymous. Rutherford and Geiger re-evaluated. *Nature*, 232(5313):599, August 27, 1971. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `http://www.nature.com/nature/journal/v232/n5313/pdf/232599a0.pdf`.

Anonymous:1971:U

[Ano71c] Anonymous. [unknown]. *The Bulletin of Nelson College Old Boys' Association*, ??(??):??, July 1971.

Anonymous:1972:RCC

[Ano72] Anonymous. Rutherford Centenary celebrations. *Notes and Records of the Royal Society of London*, 27(1):5, August 1972. CODEN NOREAY. ISSN 0035-9149 (print), 1743-0178 (electronic). URL `http://rsnr.royalsocietypublishing.org/content/27/1/5`.

Bunge:1981:BRR

[Ano81] Anonymous. Book review: M. Bunge and W. R. Shea, *Rutherford and Physics at the Turn of the Century*. *Journal for the History of Astronomy*, 12:75, January 1981. CODEN JHSAA2. ISSN 0021-8286 (print), 1753-8556 (electronic). URL `https://ui.adsabs.harvard.edu/#abs/1981JHA...12...75S`.

Anonymous:1994:EOL

[Ano94] Anonymous. Errata: The Origin of the Liquid-Drop Model and the Interpretation of Nuclear Fission. *Perspectives on Science*, 2(2):254, Summer 1994. CODEN PRSIEU. ISSN 1063-6145 (print), 1530-9274 (electronic). Correction of printers error in bottom three equations from page 90.

Anonymous:1995:HYM

[Ano95] Anonymous. *A hundred years and more of Cambridge physics*. Cambridge University Physics Society, Cambridge, UK, third edition, 1995. ISBN 0-9507343-1-4. 47 pp. LCCN ????

Anonymous:1999:DOR

[Ano99] Anonymous. Discovering our roots: The PhD Lineage Contest winners. *APS News*, 8(3):??, March 1999. URL `https:/`

/www.aps.org/publications/apsnews/199903/backpage.cfm. The article list the "Most Cited Forebears" as "J. J. Thomson and Ernest B. Rutherford.".

Murdin:2000:AP

[Ano00a] Anonymous. Alpha particle. In Paul Murdin, editor, *Encyclopedia of Astronomy and Astrophysics*, page ?? CRC Press, 2000 N.W. Corporate Blvd., Boca Raton, FL 33431-9868, USA, November 2000. ISBN 0-333-75088-8. URL http://adsabs.harvard.edu/abs/2000eaa..bookE4841..

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[Ano00b] Anonymous. The nuclear wall chart: The discovery of radioactivity. Web site., 2000. URL http://www2.lbl.gov/abc/wallchart/chapters/03/4.html.

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[Ano01] Anonymous. A few more pounds. *Physics in Perspective (PIP)*, 3(3):313, September 2001. CODEN PHPEF2. ISSN 1422-6944 (print), 1422-6960 (electronic). URL http://link.springer.com/article/10.1007/PL00000534.

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[Ano02] Anonymous. People. *Physics Education*, 37(6):543–550, November 2002. CODEN PHEDA7. ISSN 0031-9120 (print), 1361-6552 (electronic). URL http://adsabs.harvard.edu/abs/2002PhyEd..37..543..

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[Ano04] Anonymous. Two strong personalities. *Physics in Perspective (PIP)*, 6(2):248, June 2004. CODEN PHPEF2. ISSN 1422-6944 (print), 1422-6960 (electronic).

Anonymous:2005:RC

[Ano05] Anonymous. Rutherford is crazy. *Physics in Perspective (PIP)*, 7(2):263, June 2005. CODEN PHPEF2. ISSN 1422-6944 (print), 1422-6960 (electronic).

Anonymous:2006:MRD

[Ano06] Anonymous. May, 1911: Rutherford and the discovery of the atomic nucleus. *APS News*, 15(5), May 2006. URL https://www.aps.org/publications/apsnews/200605/history.cfm.

Anonymous:2009:CAL

[Ano09a] Anonymous. ChemInform abstract: Lord Rutherford (1871–1937): The Newton of the atom and the winner of the Nobel Prize for Chemistry, 1908. *ChemInform*, 40(6), February 2009. ISSN 1522-2667.

Anonymous:2009:ERF

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

Anonymous:2009:NCL

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Rutherford:1905:BLS

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Rutherford:1906:EES

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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 PPSOAU. 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:RGAb

[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-

cember 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://rspb.royalsocietypublishing.org/content/102/717/239`.

Rutherford:1929:HFR

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

Rutherford:1929:MMRa

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

Rutherford:1929:MMRb

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

Rutherford:1929:MMRc

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

Rutherford:1929:MMRd

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

Rutherford:1929:NPS

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

Rutherford:1929:OAA

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

Rutherford:1929:PR

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

Rutherford:1929:RRB

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

Rutherford:1929:APSa

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

Rutherford:1929:APSb

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

Rutherford:1930:APSa

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

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

Rutherford:1930:ANTa

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

Rutherford:1930:ANTb

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

Rutherford:1930:ANTc

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

Rutherford:1930:ANTd

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

Rutherford:1930:BF

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

Rutherford:1930:TM

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

Rutherford:1930:APSb

[Rut30h] Sir Ernest Rutherford, O.M. Address of the President, Sir Ernest Rutherford, O.M., at the Anniversary Meeting, November 30, 1929. *Proceedings of the Royal Society of London Series B*, 105(740):518–537, January 1, 1930. CODEN PRLBA4. ISSN 0950-1193 (print), 2053-9185 (electronic).

URL http://adsabs.harvard.edu/abs/1930RSPSB.105..518.; http://rspb.royalsocietypublishing.org/content/105/740/518.

Rutherford:1930:IMF

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

Rutherford:1931:APSa

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

Rutherford:1931:GLD

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

Rutherford:1931:TGR

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

Rutherford:1931:ATG

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

Rutherford:1931:APSb

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

Rutherford:1931:HP

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

Rutherford:1932:APT

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

Rutherford:1932:EFR

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

Rutherford:1932:BF

[Rut32c] Lord Rutherford. Back of frontispiece. *Scientific American*, 147(2):69, August 1932. CODEN SCAMAC. ISSN 0036-8733 (print), 1946-7087 (electronic). URL `http://www.nature.com/scientificamerican/journal/v147/n2/pdf/scientificamerican0832-69.pdf`.

Rutherford:1932:OGRa

[Rut32d] Lord Rutherford. Origin of the gamma rays. *Nature*, 129 (3256):457–458, March 26, 1932. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `http://www.nature.com/nature/journal/v129/n3256/pdf/129457a0.pdf`.

Rutherford:1932:OGRb

[Rut32e] Lord Rutherford. The origin of the gamma-rays. *The Scientific Monthly*, 34(6):483–486, June 1932. CODEN SCMOAA. ISSN 0096-3771 (print), 2327-7513 (electronic). URL `http://www.jstor.org/stable/15205`.

Rutherford:1933:AT

[Rut33a] Ernest Rutherford. Atomic transmutation. *The Times (London)*, ??(??):??, September 12, 1933.

Rutherford:1933:GMS

[Rut33b] Ernest Rutherford. Great men of science: a history of scientific progress. *Nature*, 132(3332):367–369, September 9, 1933. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `http://www.nature.com/nature/journal/v132/n3332/pdf/132367a0.pdf`.

Rutherford:1933:HH

[Rut33c] Ernest Rutherford. Heavy hydrogen. *Nature*, 132(3347):955–956, December 23, 1933. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `http://www.nature.com/nature/journal/v132/n3347/pdf/132955a0.pdf`.

Rutherford:1933:RRTa

[Rut33d] Ernest Rutherford. Recent researches on the transmutation of the elements. *Nature*, 131(3307):388–389, March 18, 1933. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `http://www.nature.com/nature/journal/v131/n3307/pdf/131388a0.pdf`.

Rutherford:1933:RRTb

[Rut33e] Ernest Rutherford. *Recent researches on the transmutation of the elements*. Macmillan and Co., London, UK, 1933. 388–389 pp. LCCN Q1 .N2 v.131 p.388-389. Reprinted from [Rut33d].

Rutherford:1933:TA

[Rut33f] Ernest Rutherford. *The transmutation of the atom*. British Broadcasting Corp., London, UK, 1933. 27 pp. LCCN QD461 .R97.

Rutherford:1933:TE

[Rut33g] Ernest Rutherford. The transmutation of the elements. *Discovery: The Popular Journal of Knowledge*, 14(??):105–108, April 1933.

Rutherford:1933:ATE

[Rut33h] Lord Rutherford. *The artificial transmutation of the elements: being the thirty-fifth Robert Boyle lecture, delivered before the Oxford University Junior Scientific Club on 2nd June 1933*, volume 35. Oxford University Press, Walton Street, Oxford OX2 6DP, UK, 1933. 12 pp. LCCN QD461 .R8.

Rutherford:1933:RIH

[Rut33i] Lord Rutherford. [remark on "Interaction of hard γ-rays with atomic nuclei"]. *Nature*, 132(3340):709, November 4, 1933. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `http://www.nature.com/nature/journal/v132/n3340/pdf/132709a0.pdf`. See [CK33].

Rutherford:1933:RQC

[Rut33j] Right Honourable Lord Rutherford of Nelson, O.M.F.R.S. A review of a quarter of a century's work on atomic transmutation. *British Association for the Advancement of Science, Report*, ??(??):431–432, September 11, 1933. CODEN BAASAX. ISSN 0365-8694. URL `http://biodiversitylibrary.org/page/30565300`. Report the annual meeting, Leicester, September 6–13, 1933.

Rutherford:1934:NHb

[Rut34a] Ernest Rutherford. The new hydrogen. *Nature*, 133(3361): 481–484, March 31, 1934. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `http://www.nature.com/nature/journal/v133/n3361/pdf/133481a0.pdf`.

Rutherford:1934:NHc

[Rut34b] Ernest Rutherford. The new hydrogen. *Nature*, 133(3361): 488, March 31, 1934. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `http://www.nature.com/nature/journal/v133/n3361/pdf/133488c0.pdf`.

Rutherford:1934:NHd

[Rut34c] Ernest Rutherford. *The new hydrogen*. Macmillan and Co., London, UK, 1934. 481–484 pp. LCCN Q1 .N2 v.133 p.481-484.

Rutherford:1934:NHf

[Rut34d] Ernest Rutherford. The new hydrogen. *Proceedings of the Royal Institution of Great Britain*, 28(??):277–289, ???? 1934. CODEN PIGBAI. ISSN 0035-8959.

Rutherford:1934:TM

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