

# A Selected Bibliography of Publications by, and about, Enrico Fermi

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

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

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

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## Title word cross-reference

+ [AFRW42, FF48].  $-1/2$  [CT67].  $1/2$  [CT67]. **\$13.95** [Ano96b, Ano95b].  
**\$14.95** [Ano95c]. **\$17.50** [Bro68].  $1s$  [FA34]. **\$21.00** [Gol99a]. **\$29.99**  
[Seg15]. **\$3.50** [Gra61].  $3/2$  [CT67]. **\$30.00** [Wes16].  $4/3$  [Boc15]. **\$49.95**  
[Stu06].  $4d$  [Fer29g, Fer30k]. **\$50** [Ano62, G.64]. **\$6.95** [Bro73c].  $93^{237}$   
[WS48].  $^{237}$  [ML48].  $^{239}$  [SP48].  $o$  [Mon66].  $_{93}$  [ML48].  $\alpha$  [OVPL15].  $\beta$   
[Fer33b, FBE<sup>+</sup>34, Fer34n, Fer34o, Yan13b].  $F_{1/2}(x)$  [WR63].  $f_t$  [Fer42d].  $\gg$   
[Bas01, For01].  $h/k$  [FR27b, FR27a].  $k$  [Fer42c, Fer42s].  $\ll$  [Bas01, For01].  $\nu$   
[FMM45].  $p$  [FS34a, FS34b].  $s$  [Fer28e, Fer28g].

**-Decay** [Yan13b, FBE<sup>+</sup>34]. **-Fermi** [OVPL15]. **-rays** [FS34a, FS34b, Fer34o].  
**-Strahlen** [Fer34o]. **-Terme** [Fer28e, Fer28e]. **-Terms** [Fer28g]. **-Value**  
[FMM45].

**/2nd** [KGSO55]. **/FA** [KGSO55]. **/The** [KGSO55].

**0** [Bat06]. **0-226-12111-9** [Bat06]. **0-226-81664-8** [Lau13a]. **0511222** [Esp05].

**1** [Gan02]. **11** [Fer42j]. **11.25** [Ano96b]. **121** [FSA41]. **1600-1980** [GHMP87]. **19** [Bro68]. **1911** [Meh75]. **1922/23** [CS99]. **1930s** [BR94, De 05c, Kra92, Orl98, Stu84, Tur06b, Stu79]. **1933** [CCJ+34, Fer33c]. **1938** [Fer38e, Fer39b, Fer62a, Fer70a, All62a, Rab63]. **1939** [Sei90]. **1939-1945** [Sei90]. **1939/1946** [HA62, HA69, HA90]. **1941** [Ano41a]. **1942** [Ano11, Lau46a, Lau46b, Wat82]. **1942-1952** [Fit13]. **1945** [Hah75a, Pau45, Sei90]. **1946** [CSW97b]. **1947** [HA69, Sei90]. **1947-1977** [Sei90]. **1947/1952** [HAD90]. **1949** [FR76]. **1950s** [BDH89, Sei90]. **1954** [ASA55b, All57, Ano54b, Bai55, BC55, Cam54, Fer65b, Gla02, Wig55, Pal69, Sha67]. **1955** [Bet55]. **1960** [Zuc70]. **1960s** [Mla98]. **1968** [Ano68b]. **1969** [WH72]. **1972** [Meh73]. **1974** [Ano09d]. **1977** [Gro78, Sei90]. **1982** [MR86]. **1983** [GHMP87]. **1988** [DGS89, Rig00]. **1992** [GER+92]. **1994** [Ano94b]. **1996** [Ano96a]. **1st** [Fol86, GHMP87].

**2** [Ano98, Rab66]. **2001** [Ber02a]. **2002** [Bar05]. **20th** [APB96, ABP98, Meh73]. **22** [CCJ+34]. **25th** [Ano05]. **29** [Ber02a]. **29.00** [Cal13]. **2nd** [Gri96, KGSO55].

**3** [FZ44]. **3.15** [Buc73b]. **368pp** [Wes16]. **3D** [KHB12].

**40th** [ATFF82, MKR87]. **41** [Zuc70, Bra69, Cer69, Rei69, Smi68].

**5** [Wes16]. **50th** [Ano95a]. **54** [Laf71]. **5th** [KGSO55].

**60-year-old** [Ano15b].

**7** [Tur08].

**80th** [FPLR59].

**9** [Bat06, Mal08]. **93** [Nod34]. **93d** [Ano34c]. **93rd** [Ano34f]. **978** [Mal08, Tur08, Wes16]. **978-0-226-81664-7** [Cal13]. **978-1-62779-005-5** [Wes16]. **978-88-339-1746-7** [Tur08]. **978-88-518-0081-9** [Mal08].

**A.** [Ano55b, Fer35a]. **AAPT** [Fer52g]. **Abschlusses** [Pau25]. **absence** [Har75]. **Absolute** [Fer23j]. **Absorbed** [Fer42p]. **Absorption** [AF35a, AF35b, AF36a, AF36b, AF36d, AFS39, AF40, AFW42, AF42a, AF44a, AFW+47, AF4x, BJ41, Fer39a, FW41, Fer42a, Fer42f, Fer44a, AFW+57, Fer29d]. **abstract** [LFA+52, NAF+52]. **Academician** [Ano34c]. **Academy** [Ano41a, Ano41b, Bar05, WH72]. **Accelerator** [Cre10, Wal74b, Wal74a, Ano51, Ano69]. **Accelerators** [Pes03]. **According**

[BM35, Fer27d, Geo32, Som27]. **Account** [Jon85b, Sei90]. **Accurate** [ABF14]. **achieve** [Ste59]. **Achieved** [Kae35]. **Action** [Ano34c, FR38, FR33b, FR33c, FAP<sup>+</sup>34]. **Activation** [AF44a]. **Active** [HS89, PAF<sup>+</sup>42, Fer42t, HS39a]. **Activities** [F<sup>+</sup>43a, F<sup>+</sup>43b, F<sup>+</sup>43g, F<sup>+</sup>43c, F<sup>+</sup>43d, F<sup>+</sup>43e, F<sup>+</sup>43f, Fer44d, F<sup>+</sup>44c, F<sup>+</sup>44d, F<sup>+</sup>44e, F<sup>+</sup>44f, F<sup>+</sup>44g, F<sup>+</sup>44a, F<sup>+</sup>44b, Tur06b]. **actuel** [Fer32a]. **ad** [Fer52b, Seg86a]. **Adams** [Hol90d]. **adaptation** [JB83]. **adaptive** [ZZWK12]. **adiabatic** [Fer23h, FP26, LC02]. **adiabatiche** [Fer23h, FP26]. **adiabatici** [LC02]. **Advances** [Kae35, Bar87]. **adventurous** [ABES12]. **Advisory** [Ano41a, OBC<sup>+</sup>49, Sei90]. **AEC** [Ano49, Ano63b, Ano68c, Ano70, Bet63, OBC<sup>+</sup>49, Wig62]. **Affair** [Cal13, Lau13a, Tur12]. **Affairs** [GR63]. **Affinità** [Fer29a]. **affinity** [Fer29a]. **after** [Cal01, Cra00, GHH02, Kae48, Mal03a]. **Again** [Esp05]. **against** [Bax46, Bax68, Fer26a, Fer27b]. **Age** [Ano67a, GR63, Lau46a, Sch17, Stu18, Wat04, Her79, Mag09, Mar96, Rif06, RK95, SH16, Ano67c, Ban04, Lau46b, Ste59, Gar18, Lan17, Sei90, Wes16, Lan18]. **Agency** [Fis97, IAE97]. **Ages** [VD15, Oak18]. **Agnew** [Ano12b]. **ago** [PZHC09]. **ai** [Ama02b, Ano02, FV02, Gan02, Seg83]. **Air** [Fer39a, FS58a, FS61]. **Air-cooled** [FS61]. **aktiver** [HS39a]. **al** [Bat03b, Fer49c, Ver01a, FM47f]. **Alamogordo** [LW71]. **Alamos** [Fer51d, Fer54c, Fit99, Fit13, MKR87, Ree17, Agn04, Ano75, BHB80, Esp08b, Fer80, Gar04, HTS83, SR92, Sza92]. **Alan** [Sol68]. **Alarm** [Rid84]. **Albedo** [FAW38, Fer42e]. **Albert** [Ein39, Her79]. **alcalini** [Fer30m]. **alcune** [Fer22h, Fer27e, Fer28f, Fer28g]. **Alcuni** [Fer23a, Pon92, Pon13, Sal01]. **Alfred** [Mon66]. **algorithm** [ZZWK12]. **alien** [Sho09]. **Aliens** [AK16, AK17, Tar03, Web15]. **alienswhere** [Web02]. **alkali** [Fer30o, Fer30m]. **Alkalien** [Fer30o]. **alkaline** [HS39b]. **alla** [CS00c, Fer28c, Fer28d, Fer28f, Sal02b]. **alle** [GER<sup>+</sup>92]. **Allen** [Fri55b]. **allgemeinen** [Fer23b]. **Allgemeines** [Som28a]. **allievi** [Pon93]. **Allison** [Fer42l]. **allow** [Fer23h]. **Alloy** [Fer42x]. **Alone** [Gri11, Gri18, Pap78, Cra00]. **Alpha** [Ano34c, FS41]. **Alpha-Particles** [FS41]. **Also** [Kat75]. **Alternating** [FR25a, FR25b, FR25c, FR25d]. **alternato** [FR25b, FR25c]. **Aluminum** [FM47d]. **Always** [KS99, Seg93]. **Alwyn** [Sei90]. **Amadesi** [Dra72a]. **Amaldi** [Bad67, Bat03b, Seg79]. **Amelio** [AS96]. **America** [Sei90, Zuc70, Kev77, Kev87, Kev95, Mal03b, Sop76, Sop80, Sop88, Stu84, Stu85, Tel02, Zuc70]. **American** [Bet55, Sei90, Sol68, WH72, Bad05, CHW91, GC99, Gon96a, Val06, WC84]. **americana** [Val06]. **Amherst** [Bar05]. **amici** [Pon93]. **ammettono** [Fer23h]. **ammonia** [Fer32c, Fer32e, Fer32f]. **among** [FM03, Pin03]. **Amount** [Ano39a]. **Analisi** [Der64]. **analitica** [Fer23a]. **Analogue** [Mar59]. **Analyses** [Mon66]. **Analysis** [Fer44c, FMA54, D'A03, Der64]. **Analytic** [TSH<sup>+</sup>19]. **analytical** [Fer23a]. **Anders** [Sei90]. **angolari** [Fer23h]. **Anguished** [Sal03b]. **Angular** [AFNY52a, AFMN53, Fer51a, Fer23h]. **anni** [Ama02b, CS00b, CDS01, Dra76, PS07]. **Annihilation** [BM35]. **Anniversary** [ATFF82, Ano95a, FB64, MKR87, BRV84, Pon55].

**Announced** [Ano39d]. **Annual** [Ano63b, Ano05, Bet63, G.64]. **anomala** [FR27b]. **anomale** [FR27a]. **Anomalous** [FR27b, Fer28a, FR27a]. **answers** [KS99]. **antimateria** [Ama61]. **antimatter** [Ama61]. **Anton** [Fis10a, Fis12a, Fis10a, Fis12a]. **Anwendung** [Fer28i, Fer28b, KGSO55]. **Any** [GB89]. **Anyone** [AK16]. **aos** [Seg87a]. **Apfel** [Büh98b]. **Appendix** [FSA41]. **apple** [Büh98b]. **Application** [CIR04, Fer28i, FMM47, GM85a, GM85b, GP31, Fer28b, KGSO55, Roq92]. **Applications** [Bro68, Sei55, Fer22h, Fer38f, SS11]. **Applicazione** [Fer28f]. **applicazioni** [Fer22h, Fer38f]. **Applied** [De 03]. **Applying** [Fer28f]. **appreciation** [Gol99b]. **Approach** [BPP18, De 05b, BP68, De 06b, EFGP99]. **approximant** [EFGP99]. **Approximation** [RNKS04, SZ62, WR63, SS11]. **Approximations** [CT67, MP56]. **April** [Bet55]. **Arcangelo** [Min02]. **Archibald** [Ano68b]. **Archives** [Bar05, Bat03b, Cra02, LRS00]. **archivi** [Bat03b]. **Argomenti** [Fer26a, Fer27b]. **Argonne** [AFMW42, Fer42s, F<sup>+</sup>42b]. **Arguments** [Fer26a, Fer27b]. **Arms** [CF53a, Sei90, Sol68]. **Army** [Sei90]. **Arnold** [Nis18]. **Article** [Ano95a, FV02]. **Articles** [GR63, Sei90]. **articolo** [FV02]. **Artificial** [AGR04, ADF<sup>+</sup>35d, Ano34a, Dys60, Fer34a, Fer34b, FAD<sup>+</sup>34a, Fer35d, Fer35e, Fer39b, Fer65a, Fer70a, GLR06, GR09, AFR37, Fer38f, ADF<sup>+</sup>35a, FAD<sup>+</sup>34b, Fer34e, Fer35a]. **artificiale** [AFR37, Fer34e, Fer35a, Fer35d, Fer35e, Fer38f]. **artist** [KS99]. **Arts** [WH72]. **Ascent** [Bro73a]. **asintotica** [Som32b]. **Asks** [AK16]. **Aspects** [SW72, Meh75]. **Associate** [Ama02a]. **associated** [Fer28d]. **Association** [Ano20]. **assoluta** [Fer23j]. **assorbimento** [AF36b]. **Assume** [G.64]. **Astbury** [Bad67]. **Asteroid** [Pap78]. **Astronautical** [KGSO55]. **Astronautische** [KGSO55]. **Astronomy** [Bro68, Kae35, Dea13, Mor58]. **Astrophysics** [Tau63]. **Asymptotic** [Din58, Som32a, Som32b]. **Asymptotische** [Som32a]. **atmosfera** [Fer38b]. **atmosphere** [Fer38b]. **Atmospheric** [Fer42g]. **Atom** [Ano34b, Ano39b, Ano39a, Ano39d, Ano54a, Ano55c, Bor57, Bor63, Bos50, Kae45, Lau51, Mon66, Pau25, Sei90, Som32a, Ano51, Bru11, CHW91, Fer29a, SW87, WC84, dL63]. **Atombaues** [Fer28i]. **Atome** [Som33, dL63]. **Atomen** [Fer24g]. **Atomi** [Fer30a, Fer25f, Fer25d]. **Atomic** [Ano34b, Ano34d, Ano39c, Ano39a, Ano41a, Ano41b, Ano50b, Ano53a, Ano53b, Ano67a, Ano17, Bro68, CBH09, Coc62, Com53, Com56, DJ99, Fer26b, Fer27e, Fer28i, Fer28g, Fer30f, Fer30h, Fer34h, FRD34, Fer46a, Fer46f, Fer57b, FR13, Fis97, Fri54, Fri55b, Gol80, Gow64b, GR63, HA69, HDHA89, HAD90, IAE97, Kow53, Lan94, Lan17, Lau46a, Lau51, Lef95, Man57, Mon66, Mor57, PG86, Rho86, Rho99, Sei90, Smy45b, Smy45a, Swi45, Tur06a, Wes16, Zin55, Bak76, Bar87, Bru11, CCJ<sup>+</sup>34, Cra69, EE70, Fer28c, Fer28f, Fer28b, Fer30p, Fer32a, Fer61d, Flü39, FPLR59, Gol82b, Gow64a, GA74a, GA74b, Gro67a, Gro67b, Her79, Kra15, Lan01, LW71, Mac86, Mac87, Pur63, SH16, SR92, Tho27, TSH<sup>+</sup>19, Van03, Ano67c, Ban04, Buc83, Kiel3, Lau46b, Ste59]. **Atomic** [Sei90]. **Atomica** [Fer28c, Fer50a, Bru11, Fer30b]. **atomici** [Fer30h].

**atomico** [FRD34]. **atomique** [Fer32a, Gol80, Mon66]. **atomiques** [CCJ<sup>+</sup>34]. **Atomkerne** [Flü39, Fer30p]. **Atomreaktor** [Lan01]. **Atoms** [DE04, Fer25d, Fer26c, Fer28b, Fer54k, Fer57b, Fer82c, Fer87, LS77, Rut20, Sol03, Fer24g, Fer25f, Fer01, Lie81, Lie82, Mar75, Som33, Spr91, Fer30a, Man57, Som32a, Ano95b, Cam54, Fri55b]. **Attempt** [Fer33b, Fer34o]. **Attention** [Ken54]. **attuale** [Fer29d, Fer32c]. **attuali** [Fer29e]. **audience** [Ano12b]. **auspices** [CCJ<sup>+</sup>34, Smy45b]. **Austrittsvorgänge** [Som28a]. **autobiography** [Seg93]. **autoionization** [ACM10]. **automata** [Str98]. **aux** [Seg84]. **available** [Flü39]. **Avvengono** [Fer22c]. **avventurosa** [Tur08]. **Award** [Ano61, Ano67b, Ano68b, Ano90, Ano09b, G.64, Wal64a, Ano58, Ano59, Ano62, Ano63a, Ano63b, Ano65a, Ano66, Ano68c, Ano73, Ano79, Ano81, Ano93b, Ano94b, Ano96a, Bet63, Hol90a, WB64, Wig62]. **Awarded** [Ano50b]. **Awarding** [KGS055]. **Awards** [Bar87]. **Azione** [FR33b, FR33c, FAP<sup>+</sup>34, FPR34a, FR38].

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**Erforschung** [Fis10a, Fis12a]. **Ergodic** [Gal03, Fer23b, Fer23d, Fer23e, Fer24f]. **ergodico** [Fer23d, Fer23e]. **ergodisch** [Fer23b]. **Ergodischer** [Fer24f]. **erhielt** [CSW97a]. **Erinnerungen** [Hah75a]. **Erkenntnisse** [Hah75b]. **Erlebnisse** [Hah75b]. **Ermenc** [Sei90]. **Erratum** [Ano83, Lie82, Zag13]. **erste** [Lan01]. **esistenza** [Fer23g]. **esperimenti** [Car05]. **Esposito** [Jam11]. **Essay** [Bar05, Mot81]. **Essays** [APB96, ABP98, Ano94a, Ano02, FPLR59, Wig67, vB93]. **Essen** [KGSO55]. **essenziale** [Ano02]. **est** [Dem15]. **Establishing** [Com42]. **establishment** [Ols63]. **Esther** [Moo95]. **Estimating** [Oak18, VD15]. **État** [Fer32a]. **etica** [GER<sup>+</sup>92]. **Ettore** [Fer76, Mal10, ACM10, DE06a, DE06b, DE07, DE15, Esp08a, EAW15, GHH02, GR05, GR08, Mag09]. **Eugene** [HH04b, Wig96b]. **Europe** [Bra69, Cer69, DGS89, Rei69, Smi68, Zuc70, Fer68b, Fer71c]. **European** [AS11, Smi68, Zuc70]. **Even** [Wei94]. **event** [Wat82]. **events** [Fer50b]. **Ever** [Fra05]. **Everybody** [Jon85a, Jon85b, Tar03, Web15, Web02]. **Everything** [Gar18, Sch17, Lan18]. **Evidence** [FM44, Fri39, Hal28, HS39a, HS39a]. **evidential** [Fra04]. **Evolution** [Sol03]. **Exact** [SM67]. **Examination** [ACF<sup>+</sup>42, Hal28]. **Excellence** [Bar05, Fri01]. **Excerpt** [Fer51d]. **Excerpts** [Sei90, Ore03a]. **Exchange** [FAL<sup>+</sup>52, Tam34]. **Exciting** [Dir77]. **Excursion** [Gla02]. **Exercise** [Ste71]. **Exiles** [Fra05]. **Existence** [Cha32b, HS89, Cha32a, Fer24f, HS39b]. **Existenz** [Fer24f]. **Exoplanets** [Bai17a]. **expanding** [Dea13]. **Expansion** [Rij66]. **Expansions** [Din58]. **Experiences** [Hah75b]. **Experiment** [AFF<sup>+</sup>42b, Fer42s, F<sup>+</sup>42b, Fer42q, Fra86, Fra90a, Wat92, CA36, DPR05, F<sup>+</sup>42g, Lau46b, PZHC09]. **Experimental** [DuM28, Fer42d, F<sup>+</sup>42a, F<sup>+</sup>42c, F<sup>+</sup>42d, F<sup>+</sup>43b, F<sup>+</sup>43c, F<sup>+</sup>43d, F<sup>+</sup>43e, F<sup>+</sup>43f, F<sup>+</sup>44c, F<sup>+</sup>44d, F<sup>+</sup>44e, F<sup>+</sup>44f, F<sup>+</sup>44g, F<sup>+</sup>44a, F<sup>+</sup>44b, Fer52a, Hei03, PZHC09, Rob83, Fer29c, F<sup>+</sup>42f, F<sup>+</sup>42e, F<sup>+</sup>42g, F<sup>+</sup>43h, Sal01, F<sup>+</sup>43a, F<sup>+</sup>43g]. **experimentation** [Dra76]. **Experiments** [And55, CW32a, CW32b, DRWZ34, F<sup>+</sup>42d, FM47a, Car05, F<sup>+</sup>42b, F<sup>+</sup>42f, F<sup>+</sup>42e, F<sup>+</sup>43i]. **explanation** [Har75]. **Exploring** [WH72]. **Explosion** [Ano39b]. **Explosive** [Wal04]. **Exponential** [AFF<sup>+</sup>42b, Fer42c, F<sup>+</sup>42a, Fer42q, F<sup>+</sup>42d, Fer57a, Fer58b, F<sup>+</sup>42b, F<sup>+</sup>42c, F<sup>+</sup>42f, F<sup>+</sup>42e, F<sup>+</sup>42g, Fer42j]. **Exponents** [BPP18]. **extensions** [GR86]. **Extracting** [Ano12c]. **extraordinary** [Mag09]. **extraterrestres** [Cha15]. **Extraterrestrial** [Bri83, Oak18, SD75, Tar03, VD15, Web15, AK17, Pap85, Sho09, Web02, Wes90, Wil01]. **Extraterrestrials** [HZ82, Hof90, Cha15, Har75, ZH95].

**F** [Kai04, Oak18]. **FA** [KGSO55, Seg86b, KGSO55]. **facing** [Ano47]. **facsimiles** [Bey49]. **facsimilie** [Wri64, Wri65]. **Fact** [Pei86]. **Factor** [CFW42, Fer42b, Fer42g, Fer42h, F<sup>+</sup>42a, Fer42s, F<sup>+</sup>42b, MB00, F<sup>+</sup>43h]. **Factors** [Din58]. **Fail** [GLR14]. **Failures** [Bat03a]. **Fall** [Fer51d]. **Family** [Cat03, Fri55b, Wil04a, Ano95b, Fer54k, Fer82c, Fer87, Cam54]. **Famous** [Ano34d, HH04a, Wri64, Wri65]. **Fano** [Ano96a]. **Fantastic** [WD06]. **Far** [Ano39a, De 06a]. **far-reaching** [De 06a]. **Farm** [Ber96]. **Fast**

[AFW42, AF42b, FB41, SZ39]. **Father** [Gar18, Pra04, Sch17, EE70, Lan18]. **Favor** [Hal28]. **Fe** [Ano05]. **Fear** [Sei90]. **Feasibility** [Fer42k]. **features** [F<sup>+</sup>42b]. **Feinberg** [Mon66]. **Feld** [Ano93a]. **Feldes** [FR25d]. **Feliu** [GHMP87]. **Fellowships** [OBC<sup>+</sup>49]. **Fenomeni** [Fer22c]. **fenomeno** [Fer29d]. **Fermi** [ASA55b, All57, All62a, Ama73, Ano58, Ano61, Ano62, Ano63a, Ano64, Ano68b, Ano68c, Ano70, Ano73, Ano81, Ano94a, Ano94b, Ano95b, Ano96b, Ano96a, Ano03, Ano05, Ano09d, Bad71, Bai55, Bal63, BY90, Bet55, Blu01, BC55, Bro68, Bro73c, Buc73a, Buc73b, Büh98a, Cam54, CL03, Cre10, Dra72b, DuM28, Fal73, Fis10b, Fis12b, Fra95, Fra86, Fri55b, Fri55a, Gar18, Gla02, Gol70, Gol99a, GG51, Goo91, Gou59, Gra61, Gri96, Gro78, Jam04a, Kle71, KGSO55, Laf71, Lan18, Lan17, Lie82, Mag61, Mal05, Mal10, Man57, MR86, Min02, Mir34, Mon66, Moo95, Mor63a, Mot81, OVPL15, Pal69, PQQ94, Pie01, Pon13, Rab63, Rab66, Rij66, Sal02b, Sei90, Sha67, Sol68, Ste93, Str98, Stu06, Tal17, Tar03, Tel02, Ver01a, Wei71]. **Fermi** [Wes16, Wig55, Wig96a, Wil71, Win86, Zuc70, AGR04, Agn03, Agn04, AG14, All63, ASA55a, Ama59, Ama87, Ama02a, AMS19, ABF14, And55, AA55, And74b, And74a, And99, Ano34b, Ano34c, Ano38a, Ano39a, Ano47, Ano50b, Ano51, Ano54d, Ano55a, Ano55b, Ano56a, Ano57, Ano59, Ano60, Ano63b, Ano65a, Ano66, Ano68a, Ano69, Ano74, Ano79, Ano82, Ano90, Ano93b, Ano94c, Ano01a, Ano01c, Ano06, Ano07, Ano09a, Ano09b, Ano09c, Ano10, Ano12a, Ano15a, Ano15b, AYS95, BB10, BB15a, BB15b, BB15c, BB15d, Bai17a, Bai17b, Bai18, Ban03, BDM81, Bar87, Bas01, Bas02, Bat03a, Bat03b, Bat06, Bax01, Bec95, Bel82, Bel87, Bel88, Bel94, Bel97, BPP18, BI04, BI05, Ber01, Ber02a, BC03, Ber03, BB04a, BB04b, BRV84]. **Fermi** [Ber02c, Bet63, BB02, Bla57, BM35, Boc15, Bon02, Bra69, BP68, Bro73b, BR94, Bro61, Bru07, Bru11, Bru16, Büh98a, Bul81, Bun83, BP58, BP97, Bye02, Bye03, Cab03, Cal75, Cal01, Car01, Car05, CM02, Cat03, Cer69, CK08, Cha73, Cha15, CBH09, CA77, CIR04, Cif08, Cin02, Ćir09, Ćir18, CT67, Com42, Coo99, Cor98, CS99, CS00b, CS00a, CS00d, CDS01, Cow09, CW73, Cra88, Cro04, D'A05, DR01, DRWZ34, DPR05, Dau08, De 05a, DE06a, De 06b, DE06b, DS07, DE07, DS09, DS10, DS11, DE15, DJ99, De 03, Deb53, Der64, DF06, DE04, Din58, Dug61, Dys04, ED83, EL07, EFGP99, EE70, Esp02, Esp05, EP08, Esp08b, EP10, FV02, FU43b, Fer44d, Fer46i, FH46, Fer49c, Fer54k, Fer82c]. **Fermi** [Fer87, FMT49a, FMT49b, FG92, Fir05, Fol86, Fra90b, Fra90c, Fuk14, G.64, Gal02, Gal03, Gam03, Gar92, Gar04, GM85a, GM85b, Geo32, Gol99b, GR86, GR89, GRJ03, Gri04, GA34, GR05, GLR06, GR08, GR09, GS74, GP31, Hah62, Hal28, Hal69, Har61, Hil69, Hoc83, Hol90a, Hol90c, Hol74, Hol02, Hol03, Hol07, HM07, Hub01, Hub13, JM02, JAH09, Jon85b, KS99, Kap40, KHB12, Kon50, Kon55, KS42, Kot54, KaKKZL05, Kub09, Lan12, Lan92, Lan01, Lau13b, Led04, LRS00, Lib85, LS77, Lie81, Lut66, Mac86, Mac87, Mad87, Mai91, Mal03b, Mal03a, Mal05, MP56, Mar75, Mar83, Mar00, Mar59, MS38, MS01, Met54, Met55, Met74, Mil07, Mir34, MRR<sup>+</sup>02, Mor63b, Mos50, MŠ94, Nis18, Ore01a, Ore03a, Ore04, Par02, PG86, Peg39, Peo04]. **Fermi** [Per55, Per02, PS07, Pie01, Pin74, Pon55, PP72, Pon92, Pon93, Pon13,

Pon72, Pon04, PZHC09, Pra04, Rab66, Ras55, Ras68, Ras02, Reg03, Rei69, Rho50, Rho99, Ric01, Ric02, Rig84, Ril70, RNKS04, Rob08, Rub03, Sal02a, Sal01, Sal02b, Sal03b, SDO18, San81, SS99, Sch94, Sch99a, SHL<sup>+</sup>18, Sch17, Sch02, Sch03a, Sci01, SC03, Seg03, Seg55, Seg70a, Seg70b, Seg71, Seg87b, Seg88, Seg96, Seg09, SH16, Sei03, Sei04, Sei55, Sel53, Shi81, SS11, Sim03, Smi68, Sol03, Som27, Som28a, Som28b, Som32a, Som32b, Som33, Spr91, Ste71, Ste01, SZ62, Ste59, SM67, Str63a, Sum65, Tam34, Tel91, Tel01, Tel04, Tre76, TSH<sup>+</sup>19, Tur06a, Ula55, Ver01a, Ver01b, Ver02, Vol08, Wal64a, Wal74b, Wal74a, Wal64b, War61, Wat88]. **Fermi** [Wat04, Web02, Web15, Wei94, Wei63, WWL<sup>+</sup>09, Wei97, WB64, WR63, Wes90, Whe93, Wig62, Wil68, Wil04a, Wil04b, Wil04c, Yan03, Yan04, Yan13a, Yan13b, Zag11, Zag13, ZZWK12, Zim62a, Zim62b, Zim62c, Zim62d, Zim62e, Zin55, dL63, dL64, dL65, dL74, vB93, vH01, Ano95b, Ano95c, Bad67, CW71, Jam11, Dra72a, Kai04, Mal05]. **Fermi-Field** [BR94]. **Fermi-Point** [Vol08]. **FERMIAC** [RC12]. **Fermilab** [BDH89]. **Fermions** [FK08, MZF<sup>+</sup>12]. **Fermis** [Cor64, Fer80]. **Fermi'schen** [Som27, Som28a, Som28b, Som32a, Som33]. **Ferretti** [Shi81]. **Festschrift** [Mot81]. **Feynman** [Fer52d]. **Fiction** [Sol68]. **Field** [BR94, Fer21b, FR25a, FR25b, FR25c, Fer51h, Ste71, CF53b, CIR04, FR25d, FR33b, FR33c, Moo92b]. **Fields** [CF53a, Fer54b, Kae35, Fer26d, Mar75, Tho27]. **Fifties** [Pes03]. **fiftieth** [BRV84]. **Fifty** [BI05, BRV84, Kae48, Tar03, Rho18b, Web02]. **fifty-seven** [Rho18b]. **File** [McM94]. **Film** [CW71, FBL64, Pal69, AS96]. **Filtering** [AFM46]. **Fine** [Bai17b]. **fine-tuned** [Bai17b]. **finely** [LBS17]. **finely-tuned** [LBS17]. **Finite** [Bro68, BP68]. **First** [AGR04, AT62a, AT62b, ATFF82, Ano46a, Ano52, Ano55b, Ano11, Fer46d, Fer70b, Fri55b, Ken54, ML48, Wat74, Cor98, Fer25a, Fis97, Lan01, Lau46b, SR92, Ste59, Wol80, Stu18]. **Fisica** [AF38, Bas02, CL03, DE06a, DE15, Fer25a, Fer27a, Fer28c, Fer29b, Fer30c, Fer38a, FP38, Fer50a, Fer52b, Mal08, Ras02, Stu06, Ama02b, Ano01b, CM02, DS07, Dra72a, Dra76, Fer26b, Fer29e, JM02, PS07, Pon72, Pon04, Ras68, Seb97, Seg76, Seg83, Wei77]. **fisiche** [Fer29c]. **fisico** [CS99, Dra72b, Seg71, Seg87b, Seg09, Tur08, CL03]. **fisicos** [Seg87a]. **fisikaim** [Seg86a]. **Fission** [ABD<sup>+</sup>39, AFG41, AF42b, AF44a, AF44b, AFN44, Ano41a, BHT86, BW39a, BW39b, FS41, FW43, FMM43, FHN44, FMM45, FW67, Gra64, Hah58, Hah62, HS89, Mei39, MF39c, NBDG40, Sim00, Sim03, Sim10, Sim12, Stu85, Whe62, Ama84, Bar00, CHW91, CSW97b, Fri74, FW85, GA71, HS39a, Ham02, Hol02, Lom01, MF39b, Pei86, Sim89, Whe09, WC84, Ano41b, CSW97a]. **Fissionable** [FA61]. **fissione** [Lom01]. **Fissionist** [Ano50a]. **Five** [Web15, LW71]. **flee** [JB83]. **Fleming** [Zuc70]. **Flimsy** [McM94]. **Florence** [Bec95]. **flow** [Som28a]. **fluids** [And99]. **Focus** [Wal04]. **Focuses** [Ken54]. **Focusing** [WWL<sup>+</sup>09]. **fondamenti** [Fer29c, Fer30b, Kop23, Mai91]. **Fondazione** [Fer50a]. **forbidden** [Fer26d]. **Force** [Ano39d]. **Forces** [Bri65, BR94, BR96, Tam34, Pai86, Ree00]. **Forest** [Fer42s, F<sup>+</sup>42b].



**Forgetting** [Sim12]. **Forging** [Sei90]. **Forgotten** [GR08, GR05]. **Formation** [FM44, HS89, Fer23f, HS39a, SS99, SHL<sup>+</sup>18]. **Formazione** [Fer23f, SS99]. **Formed** [Ano34c]. **Former** [Fir05, Ros04, Ano96a, Ano01b]. **Formerly** [Mon66]. **formula** [Fer26e]. **formulation** [CIR04, Kre71]. **Forties** [Hei03, Pes03]. **fortunate** [LBS17]. **forty** [Fis97]. **forza** [FP26]. **fotoelettrico** [Fer23n]. **fotografica** [Bat03b]. **Found** [Ano34d, Ano39a, Arb03]. **Foundations** [Bey49, Fer29c, Kop23]. **Four** [Ada72, Ber88, FB64, Cra92]. **Four-Hundredth** [FB64]. **fra** [FM03, Val06]. **Fragments** [HS89, HS39a]. **francaise** [Mon66]. **France** [Gol62]. **Francesco** [GB12]. **Franck** [Pri95]. **Franco** [Tur08, Goo01]. **frange** [Fer29i, Fer30n]. **Frank** [Hay16, Seg15]. **Franklin** [Ein39]. **Frauen** [Chi94]. **freakishly** [Bai17b]. **fredda** [Mal08]. **freddo** [Maf92]. **Frédéric** [Pin03]. **Frederick** [Sol68]. **Free** [AF36c, CRH<sup>+</sup>56, Fer52c, RC53]. **Freed** [Ano39d]. **Freeman** [Bar05]. **Frees** [Ano39b]. **French** [Fer31a, Sol68, Cha15, Chw13, CCJ<sup>+</sup>34, Dem15, Fer32a, Geo32, Gol80, Per55, Seg84, Six88, dL63]. **frequency** [KGSO55]. **Fresh** [GB12]. **Friedman** [Bar05]. **Friedrich** [ABES12]. **friends** [PP72, Pon93]. **Fringes** [Fer29i, Fer30n]. **Frisch** [CSW97a, Sol68, CSW97a]. **Fritz** [CSW97a, FH81, Hol90d, CSW97a]. **front** [Ano47]. **Frontier** [Cre10]. **Frontiers** [Nam85]. **Fuchs** [Sei90]. **Full** [Rho18b, Fer25a]. **Function** [Bla57, Rij66, SS11]. **functional** [SHL<sup>+</sup>18, SS11]. **Functions** [Din58, GM85a, GM85b, MS38, Rho50, BDM81]. **Fundamental** [Bha39, Fer51e, Bey49, SA79]. **fundamentals** [Mai91]. **Funds** [Bat03a]. **Further** [CW32a, FM47a, MF37, HS39a]. **fusion** [De 01, Rei72]. **fusione** [De 01]. **Future** [Fer46f, For01, Lan12, Pap85]. **Futuro** [For01].

**G** [Fer34p, Mon66]. **G.** [Fer34p]. **gadgets** [Moo95]. **Galactic** [Fer54b, Oli75]. **Galaxy** [Jon76, Cra00, Gri18, Kre71]. **Galiaeana** [Der64]. **Galiaeana**» [Ama59, Der64]. **Galilaeana** [LRS00]. **Galilei** [Büh98b, FB64]. **Galileo** [Büh98b, FB61, FBL64, FB64, FB69, FB03, Jam04b, Gra61]. **galvano** [Som28b]. **galvano-magnetische** [Som28b]. **Gamba** [Tur08]. **Game** [Win86]. **Games** [Tau63]. **Gamma** [Cow09, Din58, FR33a, Mor58]. **Gamma-Ray** [Cow09, Mor58]. **Gamow** [Wil71, MR86, Rei72]. **Gas** [DJ99, DuM28, KS42, LM83, MRR<sup>+</sup>02, Fer23j, Fer26g, Fer26f, GRJ03, Str98]. **Gases** [Fer40a, And99, Fer26g]. **Gate** [Sei90]. **Gauge** [CIR04]. **Gauge-invariant** [CIR04]. **Gaussian** [GM85a, GM85b]. **Geiger** [LMR06]. **geladenen** [Fer24g]. **gemacht** [Flü39]. **Gender** [Hoo03, Ore03b]. **General** [Bad67, Sei90, EL07, Fer23b, Fer23d, Fer23e, F<sup>+</sup>42b, Fuk14, Tre76, Reg03, Som28a]. **generale** [Fer23d, Fer23e]. **Generalization** [Fer23g]. **Generalized** [FMT49b, Mar59, FMT49a]. **Generalizzazione** [Fer23g]. **generation** [Gan02, RK95]. **generations** [Ada72, Kra99]. **generator** [AFR37]. **generatore** [AFR37]. **generazione** [Gan02]. **Genesis** [Wei97, Fer55, Fer70c, Str98]. **Geneva** [Yor87]. **genio** [Bru07]. **Genius** [Bru16, LS92, Bru07, Mag09, Tal17]. **Geometrical** [Lib85]. **Georg** [ABES12]. **George** [Bar05, Fri55b, Wil71, Ama56, Rei72]. **German**

[KGS055, Ano34d, Ano10, BF32, Bet00, BJ41, Böh98a, Böh98b, Chi94, CSW97a, Ern92, Fal28, FM03, Fer22f, Fer23b, Fer24f, Fer24g, Fer24h, FR25d, Fer26g, Fer26h, FR27a, Fer28i, Fer28e, Fer28b, Fer30o, Fer30p, Fer31e, FR31, FS33b, Fer34p, Fer34o, Fer38c, Fis10a, Fis12a, Flü39, GHH02, HS39a, HS39b, Hah75b, Hah75a, Lan01, Mal03b, Nod34, Ols63, Pau25, Sim12, Som27, Som28a, Som28b, Som32a, Som33]. **Get** [Wil69]. **Gets** [Ano55b, Ano58]. **già** [Ano01b]. **Giacomini** [Fer35a]. **Giants** [MD67]. **Gilbert** [Sol68]. **Gilberto** [Gra61]. **Ginestra** [Bad67]. **Gino** [Lan17, Wes16]. **giornata** [Bas01]. **giorni** [Ama02b]. **giovanili** [Gal02]. **girls** [Kie13]. **Giuseppe** [Bru11, Tal17]. **Given** [Ano79, Ano95c, Cip94, Fer49e, Fer50d, Fer50e, Fer65c, Fer51d]. **gives** [Dug61]. **glass** [Dys10]. **Glicksman** [Gli04]. **Glimpses** [Gar04]. **Go** [Fra05]. **godovschine** [Pon55]. **Gold** [Hol74]. **Golden** [CBH09, DF06, RNKS04, Ste71, CIR04, Mar96, RK95, Seg03]. **Goldman** [Sei90]. **Good** [Met74]. **Goodenough** [Ano09b]. **Gordon** [Sei90]. **got** [Ols63]. **Gottinga** [CS00b]. **Göttingen** [CS00b]. **Goudsmit** [Gol89]. **Government** [Smy45b]. **Grad** [Ros04]. **gradients** [TSH<sup>+</sup>19]. **Grand** [Wal74b]. **grandes** [Mon66]. **Grant** [Sei90]. **Graphite** [AFF<sup>+</sup>42b, AFF<sup>+</sup>42a, AFM46, FW41, Fer42a, Fer42d, Fer42i, Fer42n, Fer42o, FMM43, FHN44, FSA41]. **Gratitude** [Fir05, Fer54c]. **grave** [Fer22a]. **Gravitational** [Fer21b, CF53b, Sch99b]. **Gravitazionale** [Fer21b]. **Great** [Ano49, Óir18, Kra78, Sol68, Bak76, Böh98b, Kae48, Lau46b, Ols63, Ano50a, Car15, Wei70, Bri83]. **Greatest** [Ano39a]. **Ground** [Ken54]. **Group** [Bat03a, Far01, Hol74, Hol03, MS01, Fer44d]. **Groups** [Fer28a, Fer36c, Pau25]. **Groves** [Sei90]. **Grund** [Som28a, Som28b]. **gruppi** [Fer36c]. **gruppo** [MS01]. **guerra** [Mal08]. **guerre** [Mai91]. **Guglielmo** [Fer38b]. **Guide** [Ano09d, Sei90, Zim62a, Zim62b, Zim62c, Zim62d, Zim62e]. **Guiding** [Sal03b]. **Guíxols** [GHMP87]. **Guy** [Sol68].

**H** [Ano70, Bar05, FU43b, Hol90d, Ano54a, FR76, Gon96b, Ken54, Wol09]. **H-Bomb** [Ano54a, Gon96b, Ken54, Wol09, FR76]. **Hafemeister** [Sei90].

**Hahn** [CSW97a, Ern92, Ano39b, CSW97a, Ern92, FPLR59, Her79, Sim03, Sim12]. **Hailed** [Ano39a, Ano39d]. **Half** [Clo15, ML48, Seg15, Hay16]. **Half-life** [Clo15, ML48, Seg15, Hay16]. **Hall** [Ber96, CK08]. **Hane** [Sei90]. **Hans** [Ano61, Ano94a, Ste93, Ber80]. **Hard** [Sol68, Sol68]. **Hard-Hit** [Sol68]. **Hard-Hitting** [Sol68]. **hardback** [Cal13]. **Hargittai** [Bar05]. **Harold** [Ano12b]. **Harper** [Wil71]. **Harrison** [Mag61]. **Hart** [Wes90]. **Hartree** [Mar75]. **harvest** [Bra09]. **Harvey** [Sol68]. **Hawking** [BB10]. **hbk** [Lau13a]. **He-cooled** [ACF<sup>+</sup>42]. **head** [Ano47]. **head-and-shoulders** [Ano47]. **Hearings** [Ano49]. **heart** [Mil05]. **Heavy** [Boh39, Fer40c, Fer40d, Fer42w, FU43b, FU43a, Fri39, HM07, Ano34e]. **Heberling** [Hol90d]. **Hecker** [Ano09b]. **Heidelberg** [KGS055, Stu06]. **Heidelberg/Der** [KGS055]. **Heisenberg**

[Sch00, Sei90, Mac86, Mac87, Pau34]. **Held**  
 [Bet55, Meh73, CCJ<sup>+</sup>34, GHMP87, MR86, SA79]. **Helium**  
 [Ano34b, Fer44c, Fer29g, Fer30k, LCM<sup>+</sup>42]. **helped** [Kie13]. **Henry**  
 [Lan17, Sei90, Wes16]. **Her** [Kra78, CSW97b]. **Herewith** [Ols63]. **heritage**  
 [Esp08a, Kra15]. **Hidden** [JAH09]. **High** [CK08, Cow09, Fer29b, Fer50b,  
 Fer51a, Fer54g, Mai03, Mal03a, Rij66, Sei03, CIR04, CW32a, CW32b,  
 Fer34m, Fer52b, Fer52h, Fer54h, Hei55, Hei83, KGSO55]. **High-Energy**  
 [Mal03a, Sei03, Cow09]. **high-field** [CIR04]. **high-frequency** [KGSO55].  
**High-Temperature** [CK08]. **Higher**  
 [Ano34d, Ano01b, Fer34h, FRD34, Som33]. **Highlights** [Cif08, RK95].  
**Hintertreppe** [Fis10a, Fis12a]. **Hiroshima** [Lau51, Yor87, Sei90]. **histoire**  
 [Gol80, Mon66]. **Historical**  
 [ABP98, Ano97, Cra02, Pie01, Rob83, Seg85, APB96, Bar05]. **Histories**  
 [Car15]. **History** [Ano11, Bel87, Buc83, Fis97, GHMP87, McM51, Sei90,  
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 Kra99, KHFA67, L'A07, Rho18a, WH72, WC84, Bon02, Seb97, Sei90]. **Hit**  
 [Sol68]. **Hitler** [Ber96, JB83]. **Hitting** [Kow53, Sol68].  
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**Homage** [Ula55]. **Home** [Wal74a]. **Honor** [Bet55, Kra15]. **Honored**  
 [Wal64a]. **Honors** [Wig62]. **honour** [Mot81]. **honours** [Ano96a]. **Hotel**  
 [Ano05]. **Houtermans** [ABES12]. **Hove** [Whe93]. **Howard** [Sei90]. **HTC**  
 [Whe93]. **human** [Rho18a]. **Hundred** [Bar05, FB64]. **Hundredth** [FB64].  
**Hungarian** [Jon10, Mar96]. **hunter** [Sho09]. **Hutchins** [Mad87]. **hybrid**  
 [MZP<sup>+</sup>12]. **Hydrodynamics** [Tau63, Str98]. **Hydrogen** [AFNY52a, AF52,  
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**hydrogenated** [FAP<sup>+</sup>34]. **Hydrogenous** [FPR34a, Fer36d].  
**Hyperfeinstruktur** [FS33b]. **hyperfine** [FS33a, FS33b, Fer33c].  
**Hypothesis** [Bal73, Fer26a, Fer27b, Fer49b, Bax01].

**IAEA** [Ano97]. **Ice** [AYS95]. **ich** [Büh98a]. **Ida** [Hoo03, Ore03b]. **idea**  
 [Ano17, Bro78]. **Ideal** [Fer26f, Fer26g]. **idealen** [Fer26g]. **Ideas**  
 [GHMP87, Lan92]. **identical** [Fer24b, Mil07]. **identici** [Fer24b]. **idrogenate**  
 [FAP<sup>+</sup>34, FPR34a, FPR34b, Fer36d]. **idrogeno** [Fer25d]. **If**  
 [Cor64, Web02, Web15, Tar03]. **ignited** [Gre05]. **Igniting** [Fit99, Fit13].  
**Ignored** [Hop90]. **ihr** [CSW97a]. **ihre** [Fer28b]. **II**  
 [Fer65b, Pal69, Sha67, Som28b, Wig96b, ADF<sup>+</sup>35d, ADF<sup>+</sup>35a, AF35b,  
 Bad05, BB15a, BB15b, CW32b, Dir03, Fer22a, FPR34a, FPR34b, Fer34l,  
 Fer34k, Fer54m, Goe49, Kie13, Mal03a, Sim12, Som28b, Yan13c]. **III**  
 [ADF<sup>+</sup>34b, AF36d, Din58]. **ill** [Bat06, Min02]. **Illinois** [Bro73c]. **Illus**  
 [Gra61, Bro68]. **Illustrious**  
 [Fer68b, Fer71c, Sol68, Zuc70, Bra69, Cer69, Rei69, Smi68]. **im**

[Chi94, Fer23b, Pau25, Som33]. **Image** [Fer23f]. **images** [Ver01b, Sei90].  
**imagination** [Hol78, Hol98]. **Imaging** [CBH09]. **Imbedded** [FW41, FSA41].  
**Immagini** [Ver02, Fer23f, Ver01b]. **Immigrants**  
[Bra69, Cer69, Fer68b, Rei69, Smi68, Zuc70, Fer71c, Sol68]. **Impact**  
[Ano05, LW71]. **Implications** [Sag83]. **Important**  
[CDFS53a, CDFS53b, CDFS54, Fer52c, Fer23a]. **importanti** [Fer23a].  
**impressions** [Agn82]. **improvement** [GR05]. **improvements** [Spr91].  
**Impurities** [Fer42x]. **Incident** [Moo92b]. **including** [Ano65b].  
**Incompressible** [Fer51g, FvN51, FvN55]. **Inconsistency** [Zag11, Zag13].  
**Inconvenient** [Sim10]. **Independence** [GA74a, GA74b].  
**indeterminazione** [DS11]. **Index** [FZ44, Bar05]. **Indium** [FW43]. **indotta**  
[Car01, Fer34j]. **Induced** [AGR04, De 05b, Fer34i, GLR06, GR09, ADF+34c,  
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De 06a, De 06b, FAP+34, Fer34j]. **inediti** [Ver02]. **Inertia** [Fer22a]. **Inerzia**  
[Fer22a]. **Infamous** [Boc15]. **inference** [Fer28f]. **Influence**  
[GR09, FV02, Fer22g, Fer22e, FR25d, FPR34a]. **Infra** [Fer25g]. **Infra-red**  
[Fer25g]. **Infrared** [Dys60, SW66]. **infrarosse** [Fer25g]. **ing** [Fer35a].  
**Inhomogeneous** [LM83]. **initiating** [FS50]. **Initiation** [All62b]. **Injustice**  
[CSW97b, CSW96]. **Innocence** [Stu18]. **Innsbruck** [KGSO55].  
**Innsbruck/2** [KGSO55]. **Inquiry** [Ano49, Dar98]. **Inquisitor** [Mal10].  
**Inquisitore** [Mal10]. **insights** [Hah75b]. **Inspirations** [All63]. **inspire**  
[PZHC09]. **Instability** [Fer51d, Fer51g, FvN51, FvN55]. **Instantaneous**  
[SZ39]. **institut** [CCJ+34]. **Institute** [Ano01b, CCJ+34, WH72, Ano01b].  
**Institutes** [Fer38a]. **Institutions** [Buc80]. **instructive** [Pon92, Pon13].  
**instrumentation** [Car05]. **instruments** [F+42f]. **Insulator** [FK08].  
**integrali** [Fer23g]. **Integrable** [BPP18]. **Integral** [Rho50, WR63, Fuk14].  
**integrale** [Fer25a]. **Integrals** [Bla57, CT67, Din58, Fer23g]. **Integration**  
[Som32a, Mir34, Som32b]. **Integrazione** [Som32b, Mir34]. **Intellectual**  
[Bra69, Cer69, Fer68b, Rei69, Smi68, Zuc70, Fer71c]. **Intellectuals** [Smi68].  
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[Fer24a]. **Intensities** [Fer24a, Fer25c]. **intensity** [Fer26d, Fer30o, Fer30m].  
**interacting** [SW87]. **Interaction**  
[FM47c, FG92, LT05, SZ39, BRV84, BF32, Fra90c, SHL+18, TSH+19].  
**Interactions** [BP97, Cab03, Fra86, BP58, Cab02]. **interazioni** [Cab02].  
**Interference** [Fer29i, FM47b, Mos50, Fer30n]. **interferenza** [Fer29i, Fer30n].  
**International** [Ano03, Ano05, DGS89, GHMP87, KGSO55, Meh73, MR86,  
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[KGSO55]. **internationalism** [Cra92]. **Interpretation**  
[Fer27c, CSW97b, Fer29d, Fer30d, Fer30e, Kop23]. **interpretazione** [Kop23].  
**interpretazioni** [Fer27c]. **Interscience** [Bro68]. **Interstellar** [CM59, Sch94].  
**Interventi** [Bas01]. **Intervention** [For01]. **intriguing** [San81]. **Introduced**  
[Bha39]. **Introduction**

[Ekl62, Lar19, Seg62, D'A03, Dra76, Hol98, L'A07, Moo95, Fer28c].  
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**invariants** [LC02]. **Inventing** [Gol92]. **Invention** [Ano55b]. **Inventions** [Ano55c, Bos50]. **Inventor** [Wil71]. **inventory** [KHFA67]. **Invisible** [Sol68, Cha15, Tur06b]. **invisibles** [Cha15]. **Involved** [SZ62]. **Involving** [GM85a, GM85b, AG14]. **Inward** [Pai86]. **Iodine** [FR38]. **iodio** [FR38]. **ioni** [Fer30i, Fer30j, Fer31d]. **Ionic** [Fer30i, Fer30j]. **Ionisierungsspannungen** [Som33]. **Ionization** [Fer40a, Fer24e, Som33, SHL<sup>+</sup>18]. **ionizzazione** [Fer24e]. **ions** [CW32a, CW32b, Fer31d, GP31, HM07]. **iperfini** [FS33a].  
**ipotesi** [Fer26a, Fer27b]. **Iridium** [Arb03]. **Irpinian** [FM03]. **irpino** [FM03].  
**Irradiated** [HS89]. **irradiation** [HS39a, HS39b]. **Isaac** [Rig00]. **ISBN** [Bat06, Cal13, Lau13a, Mal08, Tur08, Wes16]. **Isidor** [Rig00].  
**Iskusstvennaya** [ADF<sup>+</sup>35a, FAD<sup>+</sup>34b]. **Isolation** [ML48]. **Isotope** [PAF<sup>+</sup>42, Fer42t]. **Isotopes** [Ama03, Ano53a, Arb00, Arb03, HS89, NBDG40, dH62, HS39a]. **issue** [Cif08].  
**Issued** [Ano55b]. **Issues** [Sei90]. **Istituti** [Fer38a]. **Istituto** [Ano01b, Min02, Ano01b, CL03]. **istruttivi** [Pon92, Pon13]. **István** [Bar05].  
**Italia** [PS07]. **Italian** [AFRS34, ADF<sup>+</sup>34b, ADF<sup>+</sup>34c, ADF<sup>+</sup>34d, ADF<sup>+</sup>34a, ADF<sup>+</sup>35e, ADF<sup>+</sup>35b, ADF<sup>+</sup>35c, AF35a, AF35b, AF36b, AF36c, AF36d, AF36e, AFR37, AF38, Ama61, Ama02a, Ama02b, AFM88, AS96, Ano34c, Ano53a, Ano82, Ano95a, Ano01a, Ano01b, Ano02, Bas01, Bas02, Bat03b, Bel87, Bel88, Bel97, Ber01, Ber02a, Ber02c, Bia90, Bon02, BCR09, Bru07, Bru11, Buc80, Cab02, Cal75, Car01, Car05, CM02, Cin02, Cod88, CS99, CS00c, CS00b, CS00a, CS00d, CDS01, Cum02, DR01, DE06a, DS07, DS11, DE15, De 01, Der64, Dra72a, Dra72b, Dra76, FV02, Fer21b, Fer21a, Fer22a, Fer22g, Fer22b, Fer22c, Fer22d, Fer22e, Fer22h, Fer23a, Fer23c, Fer23d, Fer23e, Fer23f, Fer23g, Fer23h, FP23, Fer23k, Fer23m, Fer23l, Fer23j, Fer23n, Fer24b, Fer24d, Fer24e, FR25b, FR25c, Fer25a, Fer25g]. **Italian** [Fer25c, Fer25e, Fer25b, Fer25f, Fer25d, Fer26a, Fer27a, Fer26b, FP26, Fer26e, Fer26d, Fer26f, Fer27b, Fer27c, FR27b, Fer27e, Fer27d, Fer28c, Fer28d, Fer28f, Fer28g, Fer28h, Fer29a, Fer29b, Fer29c, Fer29d, Fer29e, Fer29g, Fer29f, Fer29h, Fer29i, Fer30a, Fer30c, Fer30d, Fer30e, Fer30k, Fer30i, Fer30j, Fer30g, Fer30h, Fer30l, Fer30m, Fer30n, Fer31b, Fer31d, Fer32b, Fer32c, Fer32e, Fer32f, FR33b, FR33c, FR33a, FU33b, FS33a, Fer33b, Fer33a, FAP<sup>+</sup>34, FPR34a, Fer34g, FA34, Fer34e, Fer34j, Fer34l, Fer34k, FRD34, Fer34m, Fer34n, Fer34f, Fer35a, Fer35d, Fer35e, FR35, Fer36c, Fer36b, Fer36d, FR38, Fer38a, FP38, Fer38b, Fer38d, Fer38f, Fer49c, Fer52b, Fer52f, Fer58a, FB69, Fer72, Fer82a, Fer82b, Fer96, Ferxx, For01, Gal02, Gan02, JM02, Kop23, LMR06, LC02, Lom93, Lom01, Maf92, Mai91, Maj28]. **Italian** [Maj37, Mal10, MFS<sup>+</sup>6x, MS01, Mir34, Par02, Per02, PS07, Pie01, PFM<sup>+</sup>22, Pon92, Pon93, Pon13, Pon72, Pon04, RF26, Ras02, Ric02, Sag04, Sal02a, Sal01, Sal02b, SS99, Sci01, Seb97, Seg71, Seg76, Seg79, Seg87b, Seg09, Som32b, Tel01, Val06, Ver01a, Ver01b, Ver02, dL74]. **Italiana**

[Min02, Ras02, Stu06, Bel87, DR01, Dra76, Mai91, Ras68, Min02, Goo91].  
**italiani** [CDS01, MFS<sup>+</sup>6x]. **italiano** [Ano82]. **Italy** [All62a, DGS89, Fer62a,  
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**J** [Mon66, Sei90, Sol68]. **J.** [Ano63a, Ano63b, Bet63, PC06]. **Jack** [Sol68].  
**Jahre** [GHH02]. **Jahren** [Ern92]. **James**  
 [Kai04, Mal05, Sol68, Wil71, Bat06]. **January** [Rig00]. **Jefferson** [Sei90].  
**Jewish** [Orl98]. **Jianwei** [Fra95]. **Joanna** [Cre10]. **John**  
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 [Six88, Pin03, Six88]. **Jones** [Sei90]. **Jordan** [San81, Sch99b]. **Joseph**  
 [Sei90]. **journals** [Bey49]. **Journey** [FR13]. **journeys** [WD06]. **July**  
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**Justice** [Sei90].

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**Klaus** [Sei90]. **kleinsten** [Fis10a, Fis12a]. **Knew** [Gar18, Sch17, Lan18].  
**Known** [Arb03, Arb00]. **Kohlendioxys** [Fer31e]. **Kommentierung**  
 [Ern92]. **Komplexstruktur** [Pau25]. **Kongreß** [KGSO55]. **konspekt**  
 [Fer68a]. **kotlov** [Fer47a]. **Kramers** [MP56]. **Kristalle** [Fer38c]. **Kurian**  
 [Bar05]. **Kurzman** [Sei90]. **Kurzzeitphotographie** [KGSO55].  
**Kvantovaya** [Fer68a, Dir03]. **kvarkim** [Seg86a].

**L** [FSA41, Sei90]. **Lab** [Met74, Pri95, Wal74b, Wal74a]. **Laboratories**  
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**Laborde** [Mon66]. **lady** [Dau08]. **Landed** [Ano95a]. **Landmarks** [Wal04].  
**Lanfranco** [Goo91]. **Laplace** [KGSO55]. **Laplace-Transformation**  
 [KGSO55]. **Large** [Pes03, AG14]. **Larry** [Win86]. **Last**  
 [Ćir09, Gar18, Lan12, Sch17, Sol68, Lan18, Ric02, Sal01]. **late** [MF37]. **later**  
 [Esp08a]. **l'atome** [Mon66]. **L'atomo** [Bru11]. **Lattice**  
 [AFF<sup>+</sup>42b, AFF<sup>+</sup>42a, Fer42d, Fer42n, Fer42o, Str98]. **Lattice-gas** [Str98].  
**Laue** [FPLR59, Her79]. **Laura** [Ano95b, Bra69, Cam54, Cer69, Fri55b,  
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 [Ano65b]. **Laureates** [Bar05, Dar04]. **Laves** [Hol90d]. **lavori**  
 [CS99, CS00c, Gal02]. **lavoro** [Pon92, Pon13]. **Law** [Fer35c, Gri04]. **Lawren**  
 [Sei90]. **laws** [Bai17a]. **Leader** [Gol70]. **Leaders** [Lau51, Ols63]. **leading**  
 [AK17, SW87]. **Leakage** [Fer42y]. **leap** [Fis10a, Fis12a]. **Learn** [Ber02a].  
**Leason** [Hol90d]. **Lecture** [Fer51d, Fer52g, Fer39b, Fer70a, Rut20]. **Lectures**  
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 [Bel82]. **Lederman** [Ano93b]. **Lee** [Ano64]. **L'effetto** [Fer32b]. **Legacy**  
 [And74b, Ano05, BB04b, Lan17, Bat03b, BB04a, JM02, Mal05, San81, Mal05,  
 Stu06]. **Leida** [CS00b]. **Leiden** [CS00b]. **lektsii** [Fer68a]. **l'Enciclopedia**  
 [DR01]. **Length** [Bha39]. **Lenti**

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[ABP98, Jam11, APB96, EP10, Fer96]. **Wrong** [Mei62, Fra90a]. **Wu** [Seg86b].

**X** [Kae39, Bar05, Gra61, ADF<sup>+</sup>35c, CA36, Com42, Fer22b, Fer22d, Fer22e, Fer23f, Rob95, Seg80, Seg83, Seg84, Seg87a, Seg07]. **X-Rays** [Kae39, Rob95, CA36, Fer22b, Fer22d, Fer22e, Fer23f, Seg80, Seg84, Seg87a, Seg07]. **xian** [Seg86b]. **xii** [Bat06, Buc73b, Stu06]. **xix** [Seg15]. **xv** [Bar05]. **xvii** [Bar05]. **XX** [Wei77].

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- [All57] Samuel K. Allison. Enrico Fermi 1901–1954. *Biographical memoirs — National Academy of Sciences of the United States of America*, 30(6):123–155, 1957. CODEN BMNSAC. ISSN 0077-2933. URL <http://books.nap.edu/html/biomems/efermi.pdf>; <http://lccn.loc.gov/57002459>.

**Allison:1962:BRB**

- [All62a] Samuel K. Allison. Book review: *The Collected Papers of Enrico Fermi. vol. 1. Italy, 1921–1938* by Enrico Fermi and Emilio Segrè. *American Scientist*, 50(4):424A–424A, 1962. CODEN AMSCAC. ISSN 0003-0996 (print), 1545-2786 (electronic). URL <http://www.jstor.org/stable/27838557>. See [Fer62a].

**Allison:1962:ICR**

- [All62b] Samuel K. Allison. Initiation of the chain reaction: The search for pure materials. *International Atomic Energy Agency Bulletin*, 4(0):12–14, 1962. CODEN IAEBAB. ISSN 0020-6067 (print), 1564-2690 (electronic). URL [http://en.wikipedia.org/wiki/Atlas\\_Uranium\\_Mill](http://en.wikipedia.org/wiki/Atlas_Uranium_Mill); [http://en.wikipedia.org/wiki/Moab,\\_Utah](http://en.wikipedia.org/wiki/Moab,_Utah); <http://www.iaea.org/Publications/Magazines/Bulletin/Bull040su/04004701214su.pdf>.

**Allibone:1963:IEF**

- [All63] T. E. Allibone. Inspirations of Enrico Fermi. *Nature*, 200(4910):961–962, December 7, 1963. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL <http://www.nature.com/nature/journal/v200/n4910/pdf/200961a0.pdf>.

**Amaldi:1956:GPO**

- [Ama56] Edoardo Amaldi. George Placzek [obituary]. *La Ricerca Scientifica*, 26(??):2038–??, 1956. CODEN RISCAZ. ISSN 0035-5011. Placzek had worked closely with Fermi’s group in Rome, especially on experiments on the Raman effect; see [Seg70b, page 60].

**Amaldi:1959:FMD**

- [Ama59] Edoardo Amaldi. The Fermi manuscripts at the «Domus Galiaeana». *Physis: Rivista Internazionale di Storia della Scienza*, 1(2):69–72, 1959. CODEN PYSSA3. ISSN 0031-9414 (print), 2038-6265 (electronic).

**Amaldi:1961:MAI**

- [Ama61] Ginestra (Giovane) Amaldi. *Materia e antimateria. (Italian) [Matter and antimatter]*. A. Mondadori, Milano, Italy, 1961. 439 pp. LCCN ????

**Amaldi:1966:NMP**

- [Ama66] Ginestra (Giovane) Amaldi. *The nature of matter: physical theory from Thales to modern times*. Allen and Unwin, London, UK, 1966. 332 pp. LCCN QC173 .A413.

**Amaldi:1973:BRB**

- [Ama73] Edoardo Amaldi. Book review: *Enrico Fermi, Physicist*, by Emilio Segré. *Physics Today*, 26(6):58–60, July 1973. CODEN PHTOAD. ISSN 0031-9228 (print), 1945-0699 (electronic). URL [http://www.physicstoday.org/resource/1/phtoad/v26/i6/p58\\_s1](http://www.physicstoday.org/resource/1/phtoad/v26/i6/p58_s1).

**Amaldi:1979:YR**

- [Ama79] Edoardo Amaldi. The years of reconstruction. In Schaerf and Amaldi [SA79], pages 379–461. ISBN 3-7186-0007-2. LCCN QC770 .C748 1979.

**Amaldi:1984:DND**

- [Ama84] Edoardo Amaldi. From the discovery of the neutron to the discovery of nuclear fission. *Physics Reports*, 111(1–4):1–331, September 1984. CODEN PRPLCM. ISSN 0370-1573 (print), 1873-6270 (electronic). URL <http://www.sciencedirect.com/science/article/pii/037015738490214X>.

**Amaldi:1987:FDS**

- [Ama87] E. Amaldi. The Fermi–Dirac statistics and the statistics of nuclei. In García Doncel et al. [GHMP87], pages 253–277. ISBN 84-7488-148-X. LCCN QC174.17.S9 I57 1983.

**Amaldi:2002:CDS**

- [Ama02a] Edoardo Amaldi. Commemorazione del socio Enrico Fermi. (Italian) [Commemoration of the associate Enrico Fermi]. In *Conoscere Fermi nel centenario della nascita: 29 settembre 1901–2001. (Italian) [Learn about Fermi in the centenary of his birth: 29 September 1901–2001]* [Ber02a], pages 23–36. ISBN 88-7438-000-3. LCCN QC774.F4. 10.33 EUR. URL <http://prometeo.sif.it:8080/libri/fermi/17.pdf>. English translation in [BB04b].

**Amaldi:2002:FND**

- [Ama02b] Ugo Amaldi. La fisica dei nuclei dagli anni trenta ai giorni nostri. (Italian) [The physics of nuclei from the Thirties to the present day]. In *Conoscere Fermi nel centenario della nascita: 29 settembre 1901–2001. (Italian) [Learn about Fermi in the centenary of his birth: 29 September 1901–2001]* [Ber02a], pages 152–177. ISBN 88-7438-000-3. LCCN QC774.F4. 10.33 EUR. URL <http://prometeo.sif.it:8080/libri/fermi/10.pdf>. English translation in [BB04b].

**Amaldi:2003:SNP**

- [Ama03] Ugo Amaldi. Slow neutrons at Via Panisperna: the discovery, the production of isotopes and the birth of nuclear medicine. In Anonymous [Ano03], pages 145–168. ISBN 88-8286-032-9. LCCN ????? URL [http://old.enea.it/produzione\\_scientifica/pdf.../V2003\\_AttiFermi.pdf](http://old.enea.it/produzione_scientifica/pdf.../V2003_AttiFermi.pdf).

**Amati:2019:MEF**

- [AMS19] Graziano Amati, Hugues Meyer, and Tanja Schilling. Memory effects in the Fermi–Pasta–Ulam model. *Journal of Statistical Physics*, 174(1):219–257, January 2019. CODEN JSTPSB. ISSN 0022-4715 (print), 1572-9613 (electronic).

**Anderson:1933:PE**

- [And33] Carl D. Anderson. The positive electron. *Physical Review*, 43(6):491–494, March 15, 1933. CODEN PHRVAO. ISSN 0031-899X (print), 1536-6065 (electronic). URL [http://prola.aps.org/abstract/PR/v43/i6/p491\\_1](http://prola.aps.org/abstract/PR/v43/i6/p491_1). This paper reports the discovery of the positron, for which Anderson received the 1936 Nobel Prize in Physics.

**Anderson:1955:MEE**

- [And55] Herbert L. Anderson. Meson experiments with Enrico Fermi. *Reviews of Modern Physics*, 27(3):269–272, July 1955. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://link.aps.org/doi/10.1103/RevModPhys.27.269>; [http://rmp.aps.org/abstract/RMP/v27/i3/p269\\_1](http://rmp.aps.org/abstract/RMP/v27/i3/p269_1).

**Anderson:1973:TQA**

- [And73a] Herbert Anderson. Three questions about the sustained nuclear chain reaction. *The University of Chicago Magazine*, 65(5):3–



7, March/April 1973. ISSN 0041-9508. URL <http://library.ucsd.edu/dc/object/bb3960604v>.

**Anderson:1973:EDC**

- [And73b] Herbert L. Anderson. Early days of the chain reaction. *Bulletin of the Atomic Scientists*, 29(4):8–12, April 1973. CODEN BASIAP. ISSN 0096-3402 (print), 1938-3282 (electronic).

**Anderson:1974:AOTb**

- [And74a] Herbert L. Anderson. “All in our time”: Fermi, Szilard, and Trinity. *Bulletin of the Atomic Scientists*, 30(8):40–47, October 1974. CODEN BASIAP. ISSN 0096-3402 (print), 1938-3282 (electronic). See also part 1 [And74b].

**Anderson:1974:AOTa**

- [And74b] Herbert L. Anderson. “All in our time”: The legacy of Fermi and Szilard. *Bulletin of the Atomic Scientists*, 30(7):56–62, September 1974. CODEN BASIAP. ISSN 0096-3402 (print), 1938-3282 (electronic). Continued in [And74a].

**Andrews:1999:QFB**

- [And99] Michael R. Andrews. Quantum fluids: Bose gases and their Fermi cousins. *Nature*, 398(6724):195–198, March 18, 1999. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL <http://www.nature.com/nature/journal/v398/n6724/full/398195a0.html>.

**Anonymous:2016:MTA**

- [Ano17] Anonymous. The march of time: Atomic power! Periscope Film LLC archive, April 17, 2016. URL <https://www.youtube.com/watch?v=iTJJ7tkD5L4>.

**Anonymous:1920:PBA**

- [Ano20] 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:1934:DAE**

- [Ano34a] Anonymous. Dozen artificial elements. *New York Times*, ??(?):25, June 5, 1934. CODEN NYTIAO. ISSN 0362-4331 (print), 1542-667X, 1553-8095. URL <https://search.proquest.com/hnpnewyorktimes/docview/101252432/>.

**Anonymous:1934:FMS**

- [Ano34b] Anonymous. Fermi measures speed of neutron: Says it pierces atom nucleus in a thousand million million millionths of a second. New helium produced. Oliphant tells the Cambridge session of variety with atomic weight of 6. *New York Times*, ??(?):25, October 5, 1934. CODEN NYTIAO. ISSN 0362-4331 (print), 1542-667X, 1553-8095. URL <https://search.proquest.com/hnpnewyorktimes/docview/101010661/>.

**Anonymous:1934:IPE**

- [Ano34c] Anonymous. Italian produces 93d element by bombarding uranium: Professor Enrico Fermi, academician, uses neutrons formed by decomposition of beryllium under the action of alpha particles of radium. *New York Times*, ??(?):??, June 5, 1934. CODEN NYTIAO. ISSN 0362-4331 (print), 1542-667X, 1553-8095. URL <https://search.proquest.com/hnpnewyorktimes/docview/101250532/>.

**Anonymous:1934:NEF**

- [Ano34d] Anonymous. New element found, has atomic count 93: Famous pitchblende deposits yield substance with higher number than uranium. (German) []. *New York Times*, ??(?):19, July 13, 1934. CODEN NYTIAO. ISSN 0362-4331 (print), 1542-667X, 1553-8095. URL <https://search.proquest.com/hnpnewyorktimes/docview/101123324/>.

**Anonymous:1934:NHE**

- [Ano34e] Anonymous. New heavy element created [element 93: neptunium]. *The Times*, ??(?):??, June 4, 1934.

**Anonymous:1934:SE**

- [Ano34f] Anonymous. Science: 93rd element? *Time*, ??(?):??, June 18, 1934. CODEN TYMEA9. ISSN 0040-781x (print), 2169-1665 (electronic). URL <http://www.time.com/time/magazine/article/0,9171,747508,00.html>. News story on the possible discovery of the first transuranic element, later known as neptunium (atomic symbol Np).

**Anonymous:1938:PEF**

- [Ano38a] Anonymous. Prof. Enrico Fermi. *Nature*, 142(3603):906–907, November 19, 1938. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL <http://www.nature.com/nature/journal/v142/n3603/pdf/142906c0.pdf>.

**Anonymous:1938:SNM**

- [Ano38b] Anonymous. Science: Neutron man. *Time*, ??(??):??, November 21, 1938. CODEN TYMEA9. ISSN 0040-781x (print), 2169-1665 (electronic). URL <http://www.time.com/time/magazine/article/0,9171,760318,00.html>. News of the award of the 1938 Nobel Prize for Physics to Enrico Fermi.

**Anonymous:1939:EFU**

- [Ano39a] Anonymous. 6 elements found in uranium atom: Physicists bare discovery of greatest amount of energy liberated thus far: Report widely hailed: Professors Bohr and Fermi, at Columbia meeting, tell of atomic ‘cannon ball’. *New York Times*, ??(??):17, February 25, 1939. CODEN NYTIAO. ISSN 0362-4331 (print), 1542-667X, 1553-8095. URL <http://search.proquest.com/hnpnewyorktimes/docview/102952660/>.

**Anonymous:1939:AEF**

- [Ano39b] Anonymous. Atom explosion frees 200,000,000 volts; new physics phenomenon credited to Hahn. *New York Times*, ??(??):2, January 29, 1939. CODEN NYTIAO. ISSN 0362-4331 (print), 1542-667X, 1553-8095. URL <http://search.proquest.com/hnpnewyorktimes/docview/102763891>. From the article: “American scientists heard today of a new phenomenon in physics — explosion of atoms with a discharge of 200,000,000 volts of energy. . . . Dr. Enrico Fermi of the University of Rome told yesterday that this had been accomplished by Dr. G. [sic] Hahn of Berlin. . . . Scientists at the meeting said the discovery was comparable in significance to the original discovery of radioactivity thirty years ago.”

**Anonymous:1939:AER**

- [Ano39c] Anonymous. Atomic energy released. *The Science News-Letter*, 35(6):??, February 11, 1939. CODEN SNLEAI. ISSN 0096-4018 (print), 2326-1285 (electronic). URL [http://www.sciencenews.org/view/feature/id/199036/title/Atomic\\_Energy\\_Released](http://www.sciencenews.org/view/feature/id/199036/title/Atomic_Energy_Released). ■

According to [BHT86, page 212, column 1], this news story “appears to be the first connection between fission and the possibility of explosives made in print.” Flügge’s scientific article on that topic in *Naturwissenschaften* [Flü39] did appear until June 1939.

**Anonymous:1939:VEF**

- [Ano39d] Anonymous. Vast energy freed by uranium atom: Split, it produces 2 ‘cannonballs’, each of 100,000,000 electron volts: Hailed as epoch making; new process, announced at Columbia, uses only 1–30 volt to liberate big force. *New York Times*, ??(?): 18, January 31, 1939. CODEN NYTIAO. ISSN 0362-4331 (print), 1542-667X, 1553-8095. URL <http://search.proquest.com/hnpnewyorktimes/docview/102759255/>.

**Anonymous:1941:MMU**

- [Ano41a] Anonymous. Minutes of the meeting of the Uranium Advisory Committee of the National Academy on Atomic Fission at Schenectady on October 21, 1941. Report, US National Academy of Sciences, Washington, DC, USA, 1941.

**Anonymous:1941:RNA**

- [Ano41b] Anonymous. Report of the National Academy of Sciences Committee on Atomic Fission. Report, US National Academy of Sciences, Washington, DC, USA, July 11, 1941.

**Anomalous:1946:ZWF**

- [Ano46a] Anomalous. Zip out: World’s first uranium pile. *Time*, 48(?): 67–??, December 9, 1946. CODEN TYMEA9. ISSN 0040-781x (print), 2169-1665 (electronic).

**Anonymous:1946:SZ**

- [Ano46b] Anonymous. Science: Zip out. *Time*, ??(?):??, December 9, 1946. CODEN TYMEA9. ISSN 0040-781x (print), 2169-1665 (electronic). URL <http://www.time.com/time/magazine/article/0,9171,793263,00.html>. News story of the first successful controlled nuclear reaction in Chicago under the direction of Enrico Fermi on 2 December 1942.

**Anonymous:1947:EFH**

- [Ano47] Anonymous. Enrico Fermi, head-and-shoulders portrait, facing front, 1947. URL <http://hdl.loc.gov/loc.pnp/cph.3c22125>.

**Anonymous:1949:GIT**

- [Ano49] Anonymous. The great inquiry: Testimony at AEC hearings. *Bulletin of the Atomic Scientists*, 5(8–9):221–250, 254, August/September 1949. CODEN BASIAP. ISSN 0096-3402 (print), 1938-3282 (electronic). This report is a condensation of the 2000-page transcript.

**Anonymous:1950:GBM**

- [Ano50a] Anonymous. Great Britain: Missing fissionist. *Time*, ??(??):??, November 6, 1950. CODEN TYMEA9. ISSN 0040-781x (print), 2169-1665 (electronic). URL [http://en.wikipedia.org/wiki/Bruno\\_Pontecorvo](http://en.wikipedia.org/wiki/Bruno_Pontecorvo); <http://www.time.com/time/magazine/article/0,9171,813688,00.html>. News story of the disappearance on 31 August 1950 of Enrico Fermi's former student, Bruno Pontecorvo. Several months later, Pontecorvo appeared publicly in the USSR.

**Anonymous:1950:NFA**

- [Ano50b] Anonymous. Nobelist Fermi awarded patent on atomic device. *The Science News-Letter*, 58(20):311, November 11, 1950. CODEN SNLEAL. ISSN 0096-4018 (print), 2326-1285 (electronic). URL <http://www.jstor.org/stable/3927761>.

**Anonymous:1951:EFS**

- [Ano51] Anonymous. Enrico Fermi seated at control panel of a particle accelerator, the “world's most powerful atom smasher”, 1951. URL <http://hdl.loc.gov/loc.pnp/cph.3c20917>.

**Anonymous:1952:SFD**

- [Ano52] Anonymous. Science: First decade. *Time*, ??(??):??, December 15, 1952. CODEN TYMEA9. ISSN 0040-781x (print), 2169-1665 (electronic). URL <http://www.time.com/time/magazine/article/0,9171,820510,00.html>. Commentary on the 10th anniversary of the first successful controlled nuclear reaction in Chicago under the direction of Enrico Fermi on 2 December 1942.

**Anonymous:1953:APP**

- [Ano53a] Anonymous. Atomic patent payoff: Italian scientists who derived isotopes are compensated. *New York Times*, ??(??):E7, August 9, 1953. CODEN NYTIAO. ISSN 0362-4331 (print), 1542-667X, 1553-8095. URL <https://search.proquest.com/hnpnewyorktimes/docview/112618167/>.

**Anonymous:1953:SAP**

- [Ano53b] Anonymous. Science: Atomic patent. *Time*, ??(??):??, August 10, 1953. CODEN TYMEA9. ISSN 0040-781x (print), 2169-1665 (electronic). URL <http://www.time.com/time/magazine/article/0,9171,818653,00.html>. News story on a 1935 patent application by Enrico Fermi and his colleagues.

**Anonymous:1954:AHB**

- [Ano54a] Anonymous. The atom: The H-bomb delay. *Time*, ??(??):??, February 8, 1954. CODEN TYMEA9. ISSN 0040-781x (print), 2169-1665 (electronic). URL <http://www.time.com/time/magazine/article/0,9171,857625,00.html>. News story on the history of the development of the first thermonuclear weapon.

**Anonymous:1954:MD**

- [Ano54b] Anonymous. Milestones, Dec. 6, 1954. *Time*, ??(??):??, December 6, 1954. CODEN TYMEA9. ISSN 0040-781x (print), 2169-1665 (electronic). URL <http://www.time.com/time/magazine/article/0,9171,820990,00.html>. From the article: “Died. Enrico Fermi, 53, world-famed Italian-born nuclear physicist who supervised the building of the first successful nuclear reactor; of cancer; in Chicago.”.

**Anonymous:1954:SDN**

- [Ano54c] Anonymous. Science: Death of a navigator. *Time*, ??(??):??, December 6, 1954. CODEN TYMEA9. ISSN 0040-781x (print), 2169-1665 (electronic). URL <http://www.time.com/time/magazine/article/0,9171,820969,00.html>.

**Anonymous:1954:SLF**

- [Ano54d] Anonymous. Science: Life with Fermi. *Time*, ??(??):??, October 18, 1954. CODEN TYMEA9. ISSN 0040-781x (print), 2169-1665 (electronic). URL <http://www.time.com/time/magazine/article/0,9171,936557,00.html>. Book review of [Fer54k].

**Anonymous:1955:FP**

- [Ano55a] Anonymous. Fermi Prize. *Bulletin of the Atomic Scientists*, 11 (2):70, February 1955. CODEN BASIAP. ISSN 0096-3402 (print), 1938-3282 (electronic). The announcement begins: “The first AEC award of \$25,000 for especially meritorious contribution to

the development of atomic energy, provided for in the Atomic Energy Act of 1954, was given to Enrico Fermi, November 16, 1954, twelve days before his death.” It end with “Subsequent awards will be known as the “Fermi Prize”.

**Anonymous:1955:PIF**

- [Ano55b] Anonymous. Patent is issued on first reactor; Fermi–Szilard invention gets recognition — A. E. C. holds ownership. *New York Times*, page 19, May 19, 1955. CODEN NYTIAO. ISSN 0362-4331 (print), 1542-667X, 1553-8095. URL <http://search.proquest.com/hnpnewyorktimes/docview/113334584/>. See entry [FS55] for the patent.

**Anonymous:1955:PAI**

- [Ano55c] Anonymous. Pioneer atom inventions receive patents. *The Science News-Letter*, 68(9):134, August 27, 1955. CODEN SNLEAI. ISSN 0096-4018 (print), 2326-1285 (electronic). URL <http://www.jstor.org/stable/3935856>. Discusses US patents 2,714,577 and 2,714,668, applied for in 1945, but not awarded for a decade, and after Fermi’s death.

**Anonymous:1956:EFH**

- [Ano56a] Anonymous. Enrico Fermi and his contributions to physics. *Nature*, 177(4513):781, April 28, 1956. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL <http://www.nature.com/nature/journal/v177/n4513/pdf/177781a0.pdf>.

**Anonymous:1956:SRN**

- [Ano56b] Anonymous. Science: The real neutrino. *Time*, ??(??):??, July 2, 1956. CODEN TYMEA9. ISSN 0040-781x (print), 2169-1665 (electronic). URL <http://www.time.com/time/magazine/article/0,9171,891295,00.html>. From the story: “[Neutrinos] were reasoned into existence by Nobel Prizewinners Enrico Fermi and Wolfgang Pauli to fill a theoretical need, and the gnawing suspicion has long persisted that they do not exist. Last week from the Atomic Energy Commission came big news. Neutrinos do exist”.

**Anonymous:1957:FP**

- [Ano57] Anonymous. Fermi professorship. *Science*, 125(3244):391, March 1, 1957. CODEN SCIEAS. ISSN 0036-8075 (print), 1095-9203 (electronic). URL <http://www.jstor.org/stable/1753499>.

**Anonymous:1958:PWG**

- [Ano58] Anonymous. Princeton's Wigner gets third Enrico Fermi Award. *The Science News-Letter*, 74(24):372, December 13, 1958. CODEN SNLEAI. ISSN 0096-4018 (print), 2326-1285 (electronic). URL <http://www.jstor.org/stable/3939817>.

**Anonymous:1959:SWF**

- [Ano59] Anonymous. Seaborg wins Fermi Award. *Science*, 130(3387):1465, November 27, 1959. CODEN SCIEAS. ISSN 0036-8075 (print), 1095-9203 (electronic). URL <http://www.jstor.org/stable/1757520>.

**Anonymous:1960:MMS**

- [Ano60] Anonymous. Metal model shows Fermi surface. *The Science News-Letter*, 77(26):410, June 25, 1960. CODEN SNLEAI. ISSN 0096-4018 (print), 2326-1285 (electronic). URL <http://www.jstor.org/stable/3941940>.

**Anonymous:1961:EFA**

- [Ano61] Anonymous. Enrico Fermi Award [to Hans A. Bethe]. *Physics Today*, 14(10):74, October 1961. CODEN PHTOAD. ISSN 0031-9228 (print), 1945-0699 (electronic). URL [http://www.physicstoday.org/resource/1/phtoad/v14/i10/p74\\_s1](http://www.physicstoday.org/resource/1/phtoad/v14/i10/p74_s1).

**Anonymous:1962:DTR**

- [Ano62] Anonymous. Dr. Teller receives \$50,000 Enrico Fermi Award. *New York Times*, ??(??):??, December 4, 1962. CODEN NYTIAO. ISSN 0362-4331 (print), 1542-667X, 1553-8095.

**Anonymous:1963:FAJ**

- [Ano63a] Anonymous. The [1963] Fermi Award [to J. Robert Oppenheimer]. *Physics Today*, 16(6):21–23, June 1963. CODEN PHTOAD. ISSN 0031-9228 (print), 1945-0699 (electronic).

**Anonymous:1963:FPJ**

- [Ano63b] Anonymous. Fermi Prize: J. Robert Oppenheimer named to receive annual AEC Award. *Science*, 140(3563):161–163, April 12, 1963. CODEN SCIEAS. ISSN 0036-8075 (print), 1095-9203 (electronic). URL <http://www.jstor.org/stable/1710958>.

**Anonymous:1964:EFP**

- [Ano64] Anonymous. Enrico Fermi Professorship of Physics, Columbia University: Prof. Tsung-Dao Lee. *Nature*, 204(4961):827, Novem-



ber 28, 1964. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL <http://www.nature.com/nature/journal/v204/n4961/pdf/204827b0.pdf>.

**Anonymous:1965:FAR**

- [Ano65a] Anonymous. Fermi Award to Robert Wilson. *Bulletin of the Atomic Scientists*, 21(2):57, February 1965. CODEN BASIAP. ISSN 0096-3402 (print), 1938-3282 (electronic).

**Anonymous:1965:NLI**

- [Ano65b] Anonymous, editor. *Nobel lectures: including presentation speeches and laureates' biographies: physics 1922-1941*. Elsevier, Amsterdam, The Netherlands, 1965. x + 456 pp. LCCN QC71 .P455 1965. URL [http://nobelprize.org/nobel\\_prizes/physics/laureates/1922/bohr-lecture.html](http://nobelprize.org/nobel_prizes/physics/laureates/1922/bohr-lecture.html); [http://nobelprize.org/nobel\\_prizes/physics/laureates/1922/bohr-lecture.pdf](http://nobelprize.org/nobel_prizes/physics/laureates/1922/bohr-lecture.pdf).

**Anonymous:1966:NBF**

- [Ano66] Anonymous. News in brief: Fermi Award. *Science*, 153(3737):723, August 12, 1966. CODEN SCIEAS. ISSN 0036-8075 (print), 1095-9203 (electronic).

**Anonymous:1967:APC**

- [Ano67a] Anonymous. Atomic power: Coming of age. *Time*, ??(??):??, December 8, 1967. CODEN TYMEA9. ISSN 0040-781x (print), 2169-1665 (electronic). URL <http://www.time.com/time/magazine/article/0,9171,844231,00.html>. Commentary on the 25th anniversary of the first successful controlled nuclear reaction in Chicago under the direction of Enrico Fermi on 2 December 1942.

**Anonymous:1967:ALM**

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He also told a story of Leo Szilard’s quirky behavior.

“At Chicago, Fermi used to give weekly lectures on Thursday evenings. Outside the lecture hall there was a sign up sheet, on a yellow legal pad. Szilard, who I think wasn’t sure we were going to win the war, refused to put his name on the sign up sheet, so



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- [FB69] Laura Fermi and Gilberto Bernardini. *Che cosa ha veramente detto Galileo. (Italian) [What did Galileo really say?]*. Ubaldini, Roma, Italy, 1969. 133 pp. LCCN QB36.G2 F42.

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**Fermi:1924:EQE**

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- [Fer25f] Enrico Fermi. Sulla teoria dell'urto tra atomi e corpuscoli elettrici. (Italian) [On the theory of collisions between atoms and electrically-charged particles]. *Il Nuovo Cimento (8)*, 2(2):143–158, 1925. CODEN NUCIAD. ISSN 0029-6341 (print), 1827-6121 (electronic). URL <http://www.springerlink.com/content/d4k7020117x76169/>. English translation in [Fer01].

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**Fermi:1928:SMB**

- [Fer28b] Enrico Fermi. Eine statistische Methode zur Bestimmung einiger Eigenschaften des Atoms und ihre Anwendung auf die Theorie des periodischen Systems der Elemente. (German) [A statistical method for the determination of some atomic properties and its application to the theory of the periodic system of elements]. *Zeitschrift für Physik*, 48(1–2):73–79, January 1928. CODEN ZEPYAA. ISSN ????. URL <http://www.springerlink.com/content/v762582061464612/>. See English translation in [Mar75, pp. 205–213].

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**Fermi:1928:SDSb**

- [Fer28g] Enrico Fermi. Sulla deduzione statistica di alcune proprietà dell'atomo. Calcolo della correzione di Rydberg per i termini  $s$ . (Italian) [On the statistical deduction of some atomic properties. Calculation of the Rydberg corrections to  $s$ -terms]. *Rendiconti dell'Accademia Nazionale dei Lincei*, 7(6):726–730, ??? 1928. CODEN AANLAW. ISSN 0001-4435.

**Fermi:1928:STD**

- [Fer28h] Enrico Fermi. Sulla teoria del sistema periodico. (Italian) [On the theory of the periodic system]. *Rendiconti dell'Accademia Nazionale dei Lincei*, 7(6):66–??, ??? 1928. CODEN AANLAW. ISSN 0001-4435.

**Fermi:1928:ASM**

- [Fer28i] Enrico Fermi. Über die Anwendung der statistischen Methode auf die Probleme des Atombaues. (German) [On the application

of statistical methods to the problems of atomic structure]. In *Quantentheorie und Chemie. (German) [Quantum theory and chemistry]* [Fal28], pages 95–111. LCCN QD461 .F3. URL <http://books.google.com/books?id=x5xKAAAAMAAJ>; <http://catalog.hathitrust.org/api/volumes/oclc/4335846.html>. Leipziger Vorträge.

**Fermi:1929:AET**

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