

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

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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]. α [OVPL15]. β
[Fer33b, FBE⁺34, Fer34n, Fer34o, HS19, Yan13b]. $F_{1/2}(x)$ [WR63]. f_t
[Fer42d]. \gg [Bas01, For01]. h/k [FR27b, FR27a]. k [Fer42c, Fer42s]. \ll
[Bas01, For01]. ν [FMM45]. p [FS34a, FS34b]. s [Fer28e, Fer28g].

-Decay [Yan13b, FBE⁺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]. **1943** [F+43g]. **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, Ish19, 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].

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7 [Tur08].

80th [FPLR59].

9 [Bat06, Mal08]. **93** [Nod34]. **93d** [Ano34c]. **93rd** [Ano34f]. **978** [Ish19, Mal08, Tur08, Wes16]. **978-0-226-81664-7** [Cal13]. **978-1-107-16365-2** [Ish19]. **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**

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Artificial [AGR04, ADF⁺35d, Ano34a, Dys60, Fer34a, Fer34b, FAD⁺34a, Fer35d, Fer35e, Fer39b, Fer65a, Fer70a, GLR06, GR09, GLR20, AFR37, Fer38f, ADF⁺35a, FAD⁺34b, Fer34e, Fer35a]. **artificiale** [AFR37, Fer34e, Fer35a, Fer35d, Fer35e, Fer38f]. **artist** [KS99]. **Arts** [WH72].
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C [Fal73, FU43b, Sei90, Fer47a]. **C.** [Ano55b]. **calcolo** [Fer22h, Fer26e, Fer30i, Fer30j, Fer31d, Fer28g]. **Calculating** [Fer42x, Fer26e]. **Calculation** [Fer30i, Fer30j, Fer42b, ABF14, Fer28e, Fer31d, Tho27, Fer28g]. **Calculations** [FR48, Fer24a]. **Cambridge** [Bar05, Ish19, Ano34b]. **came** [Sch15]. **cammino** [AF36c]. **campi** [Fer26d]. **Campo** [Fer21b, FR25b, FR25c, FR33b, FR33c]. **can** [Gro62, Gro83, Flü39]. **Canadian** [Coc62]. **Cancer** [Kae39]. **Candid** [HH04a]. **Cannon** [Ano39a]. **Cannonball** [Ano39d]. **canonical** [Fer23g]. **canoniche** [Fer23g]. **Capital** [Kai04]. **Capture** [AF39, AF52, De 05b, FSA41, Fer42e, FT47, De 06b]. **caratteristiche** [FR38]. **Carbon** [AF40, Fer42f, Fer31e]. **Cariche** [Fer21a]. **Carlo** [Mal05, Fer46g, FR48, Stu06]. **Caroline** [Sol68]. **Carried** [F⁺42g, F⁺43h, F⁺43i]. **Case** [GLR20, Ken54, Hol78, Seb97, SW87]. **cases** [DE06b, DE07]. **caso** [CM02, Mal08, Seb97]. **casuality** [Geo32]. **Catalonia** [GHMP87]. **Catastrophe** [Sag83]. **causalità** [Fer30d, Fer30e, Fer30l]. **causalité** [Geo32]. **Causality** [Fer30l, Fer30d, Fer30e]. **Cause** [Sol68]. **caused** [ADF⁺34b, Fer34l]. **Cavendish** [Hug03]. **Cd** [Fer42d]. **Celebrations** [Bas01, BC03]. **Celebrazioni** [Bas01]. **cellular** [Str98]. **Census** [Bar05, FR48, CHU87]. **Census-Taking** [FR48]. **centenario** [Bas01, Ber02a]. **Centenary** [BC03, Kra78, Bas01, Ber02a]. **Centennial** [Ber03, Led04]. **Center** [Ano05, Pie01, Pie01]. **centrali** [Cal75]. **Centre** [Meh73, Fer76]. **Centro** [CL03, Pie01]. **Century** [ABP98, Bar05, Buc73b, Sal03b, APB96, Bra09, Dar04, Kra99, Meh73, Sal01, Wei77]. **certain** [Gre05]. **Cesarina** [CM02]. **Chadwell** [Sei90]. **Chadwick** [Bro73b]. **Chain** [All62b, AFW⁺47, And73b, Ano68d, Ano95a, Ano07, Fer41, F⁺42a, Fer42k, Fer42m, Fer42l, FU43a, Fer46d, Fer47b, Fer52a, FL57, FS58b, FL58, Fer70b, Gol62, Wat74, AFW⁺57, And73a, Ano11, F⁺42g, F⁺43i, Fer47a, Ste59, SF44]. **Chain-Reacting** [AFW⁺47, Fer47b, AFW⁺57]. **Chains** [CBH09]. **Challenge** [Ćir09]. **Change** [Fer42y, KS99]. **Changes** [CFW42, Fer42g, Wal64a]. **Channels** [FW42]. **Characteristic** [FR38]. **charged** [Fer24g, Fer25f, Fer01]. **charges** [Fer21a]. **Chatting** [Hof90]. **Che** [FB69, CS00c, CS00b, Fer22c, Fer23d, Fer23e, Fer23h, Fer24b, Maf92]. **Chebyshev** [CT67]. **Chemical** [Fer42i, SW48]. **Chemie** [Fal28]. **Chemistry** [Fer26b, Kae35, Sch15, AS11, CHU87, Fal28, Bar05]. **Chicago** [Ano95b, Ano95c, Ano96b, Bat06, Bro73c, Buc73b, Cal13, Cam54, Lau13a, Wei63, Wil71, Agn04, AAF⁺52, Ano95a, Ano07, Fer33c, Fer49e, Fer50d, Fer50e, Fer65c, Gan02, Gar04, Gol82a, Pri95, Shi91, Tel04]. **chimica** [Fer26b]. **Chomet** [Bro68]. **chose** [Maf92]. **Christian** [Ano94a, Ste93, Kra92]. **Christophe** [dL63]. **Christopher** [dL63]. **Churchill** [Ano17]. **Chwolson** [Ber01]. **ci** [Mon66]. **ci-dessus** [Mon66]. **Cinema** [EL07]. **cinematography** [KGS055]. **Circulating** [Fer44c]. **Citizen** [Sei90]. **Città** [Lom93]. **city** [Lom93, Kie13]. **Civilizations** [SW66, Kre71, Oli75]. **classica** [Gal02].

'Classical [Mar59, Jac62, Mar59, SZ62, Wri64, Wri65, Gal02]. **Classics** [Mon66]. **Climate** [Gol92]. **Climatic** [Sag83]. **Close** [Seg15, Hay16]. **Closed** [Goe48, Goe49]. **Closer** [Ano12c]. **cloth** [Gol99a, Seg15, Stu06]. **Cloud** [Sei90]. **club** [Ber96]. **clues** [Dug61]. **cmerti** [Pon55]. **Co** [Wes16]. **codiscoverer** [CSW97b]. **Coefficient** [CK08, F⁺43h]. **coi** [Fer23f]. **Cold** [Cal13, Lau13a, Maf92, Tur12]. **Collapse** [MRR⁺02]. **Collected** [All62a, Pal69, Rab63, Rab66, Sha67, Tau63, Wig96b, Bal63, Dir03, Fer62a, Fer65b, Mor63a]. **Collection** [Ano09d]. **Collimation** [FZ44]. **collision** [Fer26h]. **Collisions** [Fer25d, Fer51a, Fer53a, Fer54f, Fer54e, Fer24g, Fer25f, Fer01, Hei55, Hei83, Kra92]. **Colloquium** [ACM10]. **Colomb** [dL63]. **Colonization** [Jon76, O'N74]. **colored** [Dys10]. **Columbia** [Ano64, Agn04, Ano39a, Ano39d, Fer42q, Fer55, Fer70c, Fer85, Lau51]. **Columbus** [dL63]. **Column** [FZ44]. **come** [CS99, DS07]. **Coming** [Ano67a]. **Commemoration** [Per02, Ama02a]. **Commemorazione** [Ama02a, Per02]. **Comment** [BHR19, CFU47, Gli04, Wol04, Esp05, Sal02b]. **commentaries** [Yan13c]. **Commentary** [Ern92, DP97]. **commento** [Sal02b]. **Comments** [Led04, Ros04]. **Commercial** [Fer38a]. **Commerciali** [Fer38a]. **Commission** [HA69, Sei90, Buc83, HDHA89]. **Committee** [ACF⁺42, Ano41a, Ano41b, Sei90, FSA41, G.64, OBC⁺49]. **Commodore** [Win86]. **Common** [Ano99]. **Communication** [Cre10, Sel53]. **Communications** [CM59, Szi71]. **communicative** [Kre71]. **Community** [Hab69, Kev77, Kev87, Kev95]. **Company** [Lan17]. **Comparison** [FHN44]. **Compensated** [Ano53a]. **Competency** [Nis18]. **Competition** [Pin03]. **Compiled** [Ano95c]. **complesso** [Fer29g, Fer30k]. **Complete** [Gol99b]. **completion** [Pau25]. **Complex** [Gol80, Fer29g, Fer30k, Gol82b, Pau25, Str98]. **complexe** [Gol80]. **Composition** [Fer36a]. **Compounds** [ML48]. **Computation** [Fuk14, MS38]. **Computing** [Sei03, BDM81]. **Con** [AFRS34, Car05]. **Conant** [Wil71]. **Concept** [BR96, Fal73, CW73, FP26, Hoc83]. **conception** [Meh73]. **Concerning** [Bri83, HS39b]. **Concluding** [Sal03a]. **Condensate** [Sei04, GRJ03]. **Condensed** [Fer39a, Fer40a]. **conducted** [PS07]. **Conduction** [DuM28]. **Conference** [Ano03, Ano05, DGS89, FU43b, Man57, Pau30, SA79, Ber03, Far01, Fer57b]. **conferences** [Meh75, WH72]. **Conferencias** [Fer34c]. **Conferenze** [Fer50a]. **Confessions** [Sho09]. **Confirmation** [CRH⁺56, DuM28]. **Confirms** [Sei04]. **Congress** [KGSO55, Wal64b]. **Congressional** [G.64]. **conjectures** [San81]. **connessi** [Fer28d]. **Conoscere** [Ber02a, BB04a]. **conscience** [Wil70]. **conseil** [CCJ⁺34]. **Consensus** [Jen00]. **Consequences** [Moo92a]. **conservati** [Der64]. **Conservation** [GLR14]. **consideration** [CSW97a]. **Considerations** [Fer24b]. **Considerazioni** [Fer24b]. **Consiglio** [Fer49c]. **consistent** [Mar75]. **Constancy** [Fer23j]. **constant** [Sch99b]. **Constants** [Fer25g, Fer44e]. **constituents** [Fer33a, Fer34f]. **Constitution** [Rut20]. **contain** [Fer24b]. **contemporanea** [Seg76, Seg83]. **Contemporary** [Fer29e, Seg76]. **contengono** [Fer24b]. **content** [Flü39]. **contenuti** [Ano02].

continues [PZHC09]. **continuitá** [DE06a, DE15]. **continuity** [DE06a, DE15]. **Contract** [FSA41]. **contraddizione** [Fer23c]. **contradiction** [Fer23c]. **Contribution** [Gol62, Rub03, FV02]. **Contributions** [Ano56a, Wig62, Ori98]. **contributo** [FV02]. **contro** [Fer26a, Fer27b]. **Control** [Fer42u, G.64, Ano51, F⁺43h, KGSO55]. **Controversy** [Bri83, Jen00]. **Converging** [Din58]. **conversation** [Goo01]. **conversations** [HH04a]. **Cooled** [FS58a, ACF⁺42, FS61, LCM⁺42]. **Cooling** [Fer42m, Fer42l, Wig43]. **Cooper** [Gol99a]. **Cooperation** [Pin03]. **coordinate** [Ber02c, Fer23h]. **coordinates** [Ber02c, Fer23h]. **Copenhagen** [Sch00]. **Copernican** [Bai18]. **Copernicanism** [Ćir09]. **Corbino** [Fer37b]. **Cornell** [Cor04]. **Corner** [Sol68]. **corpi** [Fer23k, Fer25b]. **corpo** [Fer29h]. **corpuscoli** [Fer25f]. **corrected** [SHL⁺18]. **correction** [Fer28e, SW87, TSH⁺19, Fer22a, Fer23c]. **Corrections** [Fer28g]. **Correlate** [Kae35]. **Correspondence** [SF44]. **Correzione** [Fer22a, Fer23c, Fer28g]. **Corso** [Fer25a]. **cosa** [FB69]. **Cosmic** [Fer49f, Fer49g, Fer54b, Tar03, Fer49b]. **Cosmology** [Rei72, Wes90, KS99, MR86]. **cosmos** [LBS17]. **Cosmotron** [Fer53a, Fer54e]. **Cost** [Sch94]. **Costandina** [Sei90]. **costante** [Fer23j]. **costanti** [Fer25g]. **constitutive** [Fer33a, Fer34f]. **could** [Pap78]. **Coulomb** [LT05]. **Council** [Fer49c]. **Count** [Ano34d]. **Countdown** [Sei90]. **counter** [LMR06]. **coupling** [Tre76]. **Course** [Fer25a, Fer46c, Fer46b, MR86, Ano95c, Fer46i, FH46, Fer49e, Fer50d, Fer50e, Fer65c]. **cousins** [And99]. **covering** [Dea13]. **CP** [FZ44]. **CP-3** [FZ44]. **Cracknell** [Fal73]. **Craters** [Szi71]. **Crawford** [Bar05]. **created** [Ano34e]. **Creation** [Kra18]. **Credited** [Ano39b]. **cristalli** [Fer22e, Fer32b, Fer34g, Fer82a, Lut66]. **cristello** [FR33a]. **Critical** [Fer42c, D'A03]. **Cronin** [Bat06, Kai04, Mal05]. **Cronologia** [Bon02]. **Crookes** [Mon66]. **Cross** [AFW42, AF42a, AF42b, AFW⁺47, AF4x, AFNY52b, AFL⁺52, AFLN52, BFMM44, Fer42f, FMM45, FMM47, AFW⁺57]. **Cross-section** [AF42a, AF42b, BFMM44, FMM45]. **Cross-sections** [AFW42, Fer42f]. **crowned** [De 05a]. **Cruz** [Sei90]. **Crystals** [Fer32b, Fer66a, Fer22e, FR33a, Fer34g, Fer38c, Fer82a]. **cultura** [Mai91]. **cultural** [JB83]. **culture** [Mai91]. **cura** [Fer35a, Min02]. **Curie** [Mon66, Six88]. **Curies** [Kae48]. **current** [Fer29d, Fer32a, Fer32c]. **Curve** [Sei04]. **Cylindrical** [FW42]. **Cylindrically** [Fer51h].

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debutto [CS99, DS07]. **Debye** [Fer22g]. **Dec.** [Ano54b, Lau46b]. **Decade** [Ano52]. **Decades** [Sei90]. **Decay** [FTW47, FTW65, GR09, Jen00, Kon55, Rob50, Rob83, Wil68, Yan13b, BRV84, FBE⁺34]. **December** [Fer39b, Fer70a, Ano98, Ano11, Lau46a, Wat82]. **Decision** [GB89, Gol92, Lef95, Mor57, Bak76, Sti47, Sti76]. **decisions** [Str63b, Str63c]. **Decomposition** [Ano34c]. **découvert** [Six88]. **découverte** [Mon66]. **découvertes** [Mon66, Seg84]. **dedicata** [Bas01]. **dedicated** [Bas01, Cif08, FPLR59, SA79]. **Deduction** [Fer28g]. **deduzione** [Fer28f, Fer28g]. **deep** [Ree00]. **defeat** [Ols63]. **Defection** [Cal13, Lau13a, Tur12]. **Defects** [Ano09a]. **Defended** [WB64]. **Defense** [FSA41]. **Defining** [Mla98]. **Degeneracy** [DJ99]. **Degenerate** [DuM28, MRR⁺02]. **degli** [Dra76, Fer23m, Fer24b, Fer28f, Fer30i, Fer30j, Fer31d, FA34]. **Del** [Tur08, Ama02a, Bas01, Fer23g, Fer23l, Fer25a, Fer26f, FR27b, Fer28f, Fer28h, Fer29d, Fer30d, Fer30e, FR33b, FR33c, Fer35a, FR38, GER⁺92, Lee01, Maj37, MS01, Sal01, Wei77]. **Delano** [Ein39]. **Delay** [Ano54a]. **Delayed** [Fer42r, FT43]. **delights** [Ano12b]. **delivered** [Fer39b, Fer70a]. **dell** [Maj37]. **della** [Bas01, Bel87, Bel97, Ber02a, Car01, CL03, CM02, DE06a, DE15, De 01, Dra76, Fer22a, Fer22g, Fer22e, Fer23i, FP23, Fer23j, FR25a, FR25b, FR25c, Fer25a, Fer25e, FR27b, Fer28g, Fer29e, Fer29g, Fer30b, Fer30k, Fer33a, Fer34f, Fer35d, Fer35e, Fer38f, Gan02, Goo91, Kop23, Mai91, Min02, Mir34, PS07, Seb97, Wei77]. **dell'agitazione** [Fer22g]. **dell'ammoniaca** [Fer32c, Fer32e, Fer32f]. **dell'assorbimento** [Fer29d]. **dell'atomo** [Fer26b, Fer27e, Fer28f, Fer28g, Fer29a]. **dell'effetto** [Fer23n]. **dell'elettricità** [Fer22a]. **dell'emissione** [Fer27d, Fer33b]. **dell'Energia** [For01, Sal02a]. **dell'entropia** [Fer23j]. **dell'equazione** [Som32b]. **dell'influenza** [Fer22g, Fer22e]. **dell'Intervento** [For01]. **dell'irradiazione** [Fer29d]. **dello** [Bas02, FR38]. **dell'omonimo** [AS96]. **dell'Opera** [Bon02]. **dell'urto** [Fer25f]. **Demonstration** [War61, Fer23d, Fer23e]. **Density** [Fer42e, Rij66, SHL⁺18, SS11]. **Department** [FSA41]. **Dependence** [Fer42r, FM47f, FM49, Dug61]. **Deposits** [Ano34d]. **Depression** [Sol68, Wei70]. **Derivation** [Bro61]. **derive** [Cra88]. **Derived** [Ano53a]. **descobertas** [Seg87a]. **desert** [Cah95]. **deserved** [Fer54c]. **Design** [ACF⁺42, Fer42d, Wal74b]. **Designer** [Fri55b]. **Designs** [Fer42l]. **Desperately** [BB15a, BB15b]. **dessus** [Mon66]. **Detectability** [SW66]. **Detection** [CRH⁺56, RC53]. **Detects** [Cow09]. **Determination** [Fal73, Fer27e, Fer42e, Fer42d, Fer42f, ML48, CW73, Fer28b]. **determinazione** [Fer27e]. **deterrence** [GA74a, GA74b]. **detto** [FB69]. **Deuterium** [AFNY52b, FS50]. **deuteron** [Stu86]. **Deuterons** [FM49, SMKW46, SWK46]. **Deutsches** [Sim10]. **Developing** [Win86]. **Development** [Fer46d, Fer70b, Fra86, Meh73, Cum02, FR49, Meh75, Smy45b]. **Developments** [Ano97, CW32a]. **Device** [Ano50b]. **devices** [MZF⁺12].

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- [ADF⁺35b] Edoardo Amaldi, Oscar D’Agostino, Enrico Fermi, Bruno Pontecorvo, and Emilio Segré. Radioattività provocata da bombardamento di neutroni. IX. (Italian) [Radioactivity induced by neutron bombardment. IX]. *La Ricerca Scientifica*, 6(1):435–437, ??? 1935. CODEN RISCAZ. ISSN 0035-5011.

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- [ADF⁺35c] Edoardo Amaldi, Oscar D’Agostino, Enrico Fermi, Bruno Pontecorvo, and Emilio Segré. Radioattività provocata da bombardamento di neutroni. X. (Italian) [Radioactivity induced by neutron bombardment. X]. *La Ricerca Scientifica*, 6(1):581–584, ??? 1935. CODEN RISCAZ. ISSN 0035-5011.

Amaldi:1935:ARP

- [ADF⁺35d] Edoardo Amaldi, Oscar D’Agostino, Enrico Fermi, Bruno M. Pontecorvo, Franco Rasetti, and Emilio Segrè. Artificial radioactivity produced by neutron bombardment. Part II. *Proceedings of the*

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Amaldi:1935:RPBa

- [ADF⁺35e] Edoardo Amaldi, Oscar D’Agostino, Enrico Fermi, Franco Rasetti, Bruno Pontecorvo, and Emilio Segré. Radioattività provocata da bombardamento di neutroni. VIII. (Italian) [Radioactivity induced by neutron bombardment. VIII]. *La Ricerca Scientifica*, 6(1):123–125, 1935. CODEN RISCAZ. ISSN 0035-5011.

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- [AF40] Herbert L. Anderson and Enrico Fermi. Production and absorption of slow neutrons by carbon. Report A-21, US Atomic Energy Commission, Washington, DC, USA, September 25, 1940.

Anderson:1941:PNU

- [AF41a] Herbert L. Anderson and Enrico Fermi. Production of neutrons by uranium. Report A-6 (CPA-6), US Atomic Energy Commission, Washington, DC, USA, January 17, 1941.

Anderson:1941:SSN

- [AF41b] Herbert L. Anderson and Enrico Fermi. Standards in slow neutron measurements. Report A-2, US Atomic Energy Commission, Washington, DC, USA, June 5, 1941.

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- [AF42a] Herbert L. Anderson and Enrico Fermi. Absorption cross-section of boron for thermal neutrons. Report C-74, US Atomic Energy

Commission, Washington, DC, USA, 1942. Undated: year chosen according to report number.

Anderson:1942:FCS

- [AF42b] Herbert L. Anderson and Enrico Fermi. Fission cross-section of unseparated uranium for fast radon plus beryllium neutrons. Report C-83, US Atomic Energy Commission, Washington, DC, USA, 1942. Experiment in November, 1941. Undated: year chosen according to report number.

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- [AF44a] Herbert L. Anderson and Enrico Fermi. Boron absorption of fission activation. Report CP-2161, US Atomic Energy Commission, Washington, DC, USA, 1944. 3 pp. In: Fermi, E., et al. Argonne Laboratory. Report for month ending September 23, 1944.

Anderson:1944:DPW

- [AF44b] Herbert L. Anderson and Enrico Fermi. Dissociation pressure of water due to fission. Report CP-1729, US Atomic Energy Commission, Washington, DC, USA, May 1944. 1 pp. In: Fermi, E., et al. Nuclear Physics Division. Part I of report for month ending May 25, 1944.

Anderson:194x:ACS

- [AF4x] Herbert L. Anderson and Enrico Fermi. The absorption cross section of boron for thermal neutrons. Report CP-74, US Atomic Energy Commission, Washington, DC, USA, 194x.

Anderson:1952:SCP

- [AF52] Herbert L. Anderson and Enrico Fermi. Scattering and capture of pions by hydrogen. *Physical Review*, 86(5):794, June 1, 1952. CODEN PHRVAO. ISSN 0031-899X (print), 1536-6065 (electronic). URL http://prola.aps.org/abstract/PR/v86/i5/p794_1.

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- [AFF⁺42a] Herbert L. Anderson, B. T. Feld, Enrico Fermi, George Weil, and Walter H. Zinn. Neutron reproduction in a lattice of uranium oxide and graphite. Report C-20, US Atomic Energy Commission, Washington, DC, USA, March 26, 1942.

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- [AFF⁺42b] Herbert L. Anderson, B. T. Feld, Enrico Fermi, George L. Weil, and Walter H. Zinn. Neutron production in a lattice of uranium

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- [AFLN52] Herbert L. Anderson, Enrico Fermi, E. A. Long, and Darragh E. Nagle. Total cross sections of positive pions in hydrogen. *Physical Review*, 85(5):936, March 1, 1952. CODEN PHRVAO. ISSN 0031-899X (print), 1536-6065 (electronic). URL <http://inspirehep.net/record/28195>; http://prola.aps.org/abstract/PR/v85/i5/p936_1.

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- [AFM46] Herbert L. Anderson, Enrico Fermi, and Leona Marshall. Production of low energy neutrons by filtering through graphite. *Physical Review*, 70(11–12):815–817, December 1, 1946. CODEN PHRVAO. ISSN 0031-899X (print), 1536-6065 (electronic). URL http://prola.aps.org/abstract/PR/v70/i11-12/p815_1.

Amelio:1988:RPI

- [AFM88] Gianni Amelio, Ennio Fantastichini, and Laura Morante. I ragazzi di Via Panisperna. (Italian) [The boys of Via Panisperna]. 125

minute film from San Paolo audiovisivi, Italy., 1988. Screenplay by Gianni Amelio and Alessandro Sermoneta, photography Tonino Nardi, directed by Gianni Amelio, Andrea Prodan, and Ennio Fantastichini. Starring Virna Lisi, Andrea Prodan, and Alberto Gimignani.

Anderson:1953:ADP

- [AFMN53] Herbert L. Anderson, Enrico Fermi, R. Martin, and Darragh E. Nagle. Angular distribution of pions scattered by hydrogen. *Physical Review*, 91(1):155–168, July 1, 1953. CODEN PHRVAO. ISSN 0031-899X (print), 1536-6065 (electronic). URL http://prola.aps.org/abstract/PR/v91/i1/p155_1.

Anderson:1942:SAP

- [AFMW42] Herbert L. Anderson, Enrico Fermi, John Marshall, and Leona Woods. Standardization of the Argonne Pile. Report, US Atomic Energy Commission, Washington, DC, USA, 1942. Excerpt from Report CP-641 for month Ending May 10, 1943.

Anderson:1944:RFN

- [AFN44] Herbert L. Anderson, Enrico Fermi, and Darragh E. Nagle. Range of fission neutrons in water. Report CP-1531, US Atomic Energy Commission, Washington, DC, USA, 1944. Excerpt from Metallurgical Laboratory Report CP-1531 for month ending March 25, 1944.

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- [AFNY52a] Herbert L. Anderson, Enrico Fermi, Darragh E. Nagle, and Gaurang B. Yodh. Angular distribution of pions scattered by hydrogen. *Physical Review*, 86(5):793, June 1, 1952. CODEN PHRVAO. ISSN 0031-899X (print), 1536-6065 (electronic). URL http://prola.aps.org/abstract/PR/v86/i5/p793_2.

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- [AFNY52b] Herbert L. Anderson, Enrico Fermi, Darragh E. Nagle, and Gaurang B. Yodh. Deuterium total cross sections for positive and negative pions. *Physical Review*, 86(3):413, May 1, 1952. CODEN PHRVAO. ISSN 0031-899X (print), 1536-6065 (electronic). URL <http://inspirehep.net/record/47341>; http://prola.aps.org/abstract/PR/v86/i3/p413_1.

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neutrons]. *La Ricerca Scientifica*, 8(2):40–43, 1937. CODEN RISCAZ. ISSN 0035-5011.

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- [AFRS34] Edoardo Amaldi, Enrico Fermi, Franco Rasetti, and Emilio Segrè. Nuovi radioelementi prodotti con bombardamento di neutroni. (Italian) [New radioelements produced with neutron bombardment]. *Il Nuovo Cimento (8)*, 11(7):442–447, 1934. CODEN NUCIAD. ISSN 0029-6341 (print), 1827-6121 (electronic). URL <http://www.springerlink.com/content/g14637jq4r7r54g8/>.

Anderson:1942:NNE

- [AFRW42] Herbert L. Anderson, Enrico Fermi, J. H. Roberts, and M. D. Whitaker. The number of neutrons emitted by a Ra + Be source (source I). Report C-21 (MDDC-880), US Atomic Energy Commission, Washington, DC, USA, March 21, 1942.

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- [AFS39] Herbert L. Anderson, Enrico Fermi, and Leo Szilard. Neutron production and absorption in uranium. *Physical Review*, 56(3):284–286, August 1, 1939. CODEN PHRVAO. ISSN 0031-899X (print), 1536-6065 (electronic). URL <http://adsabs.harvard.edu/abs/1939PhRv...56..284A>; http://prola.aps.org/abstract/PR/v56/i3/p284_1.

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Anderson:1947:MMN

- [AFW⁺47] Herbert L. Anderson, Enrico Fermi, A. Wattenberg, George L. Weil, and Walter H. Zinn. Method for measuring neutron-absorption cross sections by the effect on the reactivity of a chain-reacting pile. *Physical Review*, 72(1):16–23, July 1, 1947. CODEN PHRVAO. ISSN 0031-899X (print), 1536-6065 (electronic). URL http://prola.aps.org/abstract/PR/v72/i1/p16_1.

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neutron-absorption cross sections by the effect on the reactivity of a chain-reacting pile. *Physical Review*, 72(1):16–23, July 1957. CODEN PHRVAO. ISSN 0031-899X (print), 1536-6065 (electronic). URL http://prola.aps.org/abstract/PR/v72/i1/p16_1.

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Agnew:2003:DFL

- [Agn03] Harold Agnew. Documents on Fermi’s life. In Anonymous [Ano03], pages 289–294. ISBN 88-8286-032-9. LCCN ????. URL http://old.enea.it/produzione_scientifica/pdf.../V2003_AttiFermi.pdf.

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- [AGR04] Giovanni Acocella, Francesco Guerra, and Nadia Robotti. Enrico Fermi’s discovery of neutron-induced artificial radioactivity: The recovery of his first laboratory notebook. *Physics in Perspective (PIP)*, 6(1):29–41, April 2004. CODEN PHPEF2. ISSN 1422-6944 (print), 1422-6960 (electronic). URL <http://www.springerlink.com/content/5qgmvy95d3t33ma/>.

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- [AK17] Jim Al-Khalili, editor. *Aliens: the world's leading scientists on the search for extraterrestrial life.* Picador, New York, NY, USA, 2017. ISBN 1-250-10963-9 (hardcover), 1-250-10965-5. 232 pp. LCCN QB54 .A395 2017.

Allison:1957:EF

- [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/Moab,_Utah; <http://www.iaea.org/Publications/Magazines/Bulletin/Bull1040su/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).

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- [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.

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.

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- [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

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- [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.

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- [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).

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- [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. This paper reports the discovery of the positron, for which Anderson received the 1936 Nobel Prize in Physics.

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- [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.

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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

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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, 201617. 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. 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://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 SNLEAI. 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.

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, November 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.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

- [Ano67b] Anonymous. Award for Lise Meitner. *International Atomic Energy Agency Bulletin*, 9(2):17, ??? 1967. CODEN IAEBAB. ISSN 0020-6067 (print), 1564-2690 (electronic). URL <http://www.iaea.org/Publications/Magazines/Bulletin/Bull092/09201401717.pdf>. Enrico Fermi Award for 1966.

Anonymous:1967:WAA

- [Ano67c] Anonymous. When the Atomic Age began. *International Atomic Energy Agency Bulletin*, 9(6):3, ??? 1967. CODEN IAEBAB. ISSN 0020-6067 (print), 1564-2690 (electronic). URL <http://www.iaea.org/Publications/Magazines/Bulletin/Bull1096/09605000303.pdf>.

Anonymous:1968:DFP

- [Ano68a] Anonymous. Distinctions: Fermi Prize for Wheeler. *Nature*, 220 (5162):4, October 5, 1968. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL <http://www.nature.com/nature/journal/v220/n5162/pdf/220004b0.pdf>.

Anonymous:1968:EFA

- [Ano68b] Anonymous. The Enrico Fermi Award, 1968 [to John Archibald Wheeler]. *Bulletin of the Atomic Scientists*, 24(9):40, November 1968. CODEN BASIAP. ISSN 0096-3402 (print), 1938-3282 (electronic).

Anonymous:1968:JWR

- [Ano68c] Anonymous. John Wheeler receives AEC 1968 Enrico Fermi Award. *Physics Today*, 21(12):105, December 1968. CODEN PHTOAD. ISSN 0031-9228 (print), 1945-0699 (electronic). URL http://www.physicstoday.org/resource/1/phtoad/v21/i12/p105_s1.

Anonymous:1968:WCR

- [Ano68d] Anonymous. When the chain reaction started. *International Atomic Energy Agency Bulletin*, 10(6):32–35, 1968. CODEN IAEBAB. ISSN 0020-6067 (print), 1564-2690 (electronic).

Anonymous:1969:FA

- [Ano69] Anonymous. Fermi Accelerator. *Nature*, 222(5195):718, May 24, 1969. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL <http://www.nature.com/nature/journal/v222/n5195/pdf/222718a0.pdf>.

Anonymous:1970:WHZ

- [Ano70] Anonymous. Walter H. Zinn receives AEC Enrico Fermi Medal. *Physics Today*, 23(2):99, February 1970. CODEN PHTOAD. ISSN 0031-9228 (print), 1945-0699 (electronic). URL http://www.physicstoday.org/resource/1/phtoad/v23/i2/p99_s3.

Anonymous:1973:BRE

- [Ano73] Anonymous. Benedict receives Enrico Fermi Award. *Physics Today*, 26(1):103, January 1973. CODEN PHTOAD. ISSN 0031-9228 (print), 1945-0699 (electronic). URL http://www.physicstoday.org/resource/1/phtoad/v26/i1/p103_s2.

Anonymous:1974:PBF

- [Ano74] Anonymous. Proton beams and the Fermi Machine. *Science News (Washington, DC)*, 105(19):300, May 11, 1974. CODEN SCNEBK. ISSN 0036-8423 (print), 1943-0930 (electronic). URL <http://www.jstor.org/stable/3958907>.

Anonymous:1975:RAS

- [Ano75] Anonymous. Reminiscences of Los Alamos, 1943–1945 [sound recording]. Los Alamos National Laboratory. Presented at Santa Barbara Lectures on Science and Society. 1975. 1st annual, University of California at Santa Barbara, January 16–March 13, 1975, 1975.

Anonymous:1979:FAG

- [Ano79] Anonymous. Fermi Award given. *Science News (Washington, DC)*, 116(8):132, August 25, 1979. CODEN SCNEBK. ISSN 0036-8423 (print), 1943-0930 (electronic). URL <http://www.jstor.org/stable/3964302>.

Anonymous:1981:WPR

- [Ano81] Anonymous. Weinberg and Peierls receive Enrico Fermi Award. *Physics Today*, 34(3):85, March 1981. CODEN PHTOAD. ISSN 0031-9228 (print), 1945-0699 (electronic). URL http://www.physicstoday.org/resource/1/phtoad/v34/i3/p85_s1.

Anonymous:1982:EFS

- [Ano82] Anonymous. *Enrico Fermi: significato di una scoperta: il navigatore italiano sbarcato nel nuovo mondo. (Italian) [Enrico Fermi: The Meaning of a Discovery. A Disembarked Italian Navigator in the New World]*. Forum italiano dell'energia nucleare, Roma, Italy, 1982. 121 pp. LCCN QC16.F46 E57 1982.

Anonymous:1983:E

- [Ano83] Anonymous. Erratum. *Bulletin of the Atomic Scientists*, 39(2):41, February 1983. CODEN BASIAP. ISSN 0096-3402 (print), 1938-3282 (electronic). See [Agn82].

Anonymous:1990:FA

- [Ano90] Anonymous. Fermi Award [to ???]. *Science*, 250(4980):503, October 26, 1990. CODEN SCIEAS. ISSN 0036-8075 (print), 1095-9203 (electronic). URL <http://www.sciencemag.org/content/250/4980/503.3.full.pdf>.

Anonymous:1993:BBF

- [Ano93a] Anonymous. Bulletin: Bernard T. Feld. *Bulletin of the Atomic Scientists*, 49(3):5, April 1993. CODEN BASIAP. ISSN 0096-3402 (print), 1938-3282 (electronic).

Anonymous:1993:BLW

- [Ano93b] Anonymous. Bulletin: Lederman wins Fermi Award. *Bulletin of the Atomic Scientists*, 49(7):7, September 1993. CODEN BASIAP. ISSN 0096-3402 (print), 1938-3282 (electronic).

Anonymous:1994:BNB

- [Ano94a] Anonymous. Book note: *The Fermi Solution: Essays on Science*, by Hans Christian von Baeyer. *Bulletin of the Atomic Scientists*, 50(1):61, January/February 1994. CODEN BASIAP. ISSN 0096-3402 (print), 1938-3282 (electronic).

Anonymous:1994:DRF

- [Ano94b] Anonymous. Dyson receives 1994 Fermi Award. *Physics Today*, 47(11):104, 1994. CODEN PHTOAD. ISSN 0031-9228 (print), 1945-0699 (electronic). URL <http://link.aip.org/link/?PTO/47/104/1>.

Anonymous:1994:FS

- [Ano94c] Anonymous. Fermi surfaces. *Physics World*, 7(8):10, August 1994. CODEN PHWOEW. ISSN 0953-8585 (print), 2058-7058 (electronic). URL <http://physicsworldarchive.iop.org/full/pwa-pdf/7/8/phwv7i8a11.pdf>.

Anonymous:1995:AAI

- [Ano95a] Anonymous. 50th anniversary article: “the Italian Navigator has landed in the New World.” secret race won with Chicago’s chain reaction. *Los Alamos Science*, ??(??):??, ??? 1995. CODEN LASCDI. ISSN 0273-7116. URL <http://www.lanl.gov/history/road/chicago-reactor.shtml>.

Anonymous:1995:BRAg

- [Ano95b] Anonymous. Book review: *Atoms in the family: My life with Enrico Fermi*. By Laura Fermi. The University of Chicago Press, Chicago. (1954). 267 pages. \$13.95. *Computers and Mathematics with Applications*, 30(9):124, November 1995. CODEN CMAPDK. ISSN 0898-1221 (print), 1873-7668 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S089812219590221X>.

Anonymous:1995:NQM

- [Ano95c] Anonymous. Book review: *Notes on quantum mechanics: a course given by Enrico Fermi* (second edition): Compiled by Robert A. Schluter. University of Chicago Press, Chicago. (1995). 188 pages. \$14.95. *Computers and Mathematics with Applications*, 30(9):122, November 1995. CODEN CMAPDK. ISSN 0898-1221 (print), 1873-7668 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0898122195901957>.

Anonymous:1996:FAH

- [Ano96a] Anonymous. 1996 Fermi Award honours his former student [Ugo Fano]. *Nature*, 379(6560):3, January 4, 1996. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL <http://www.nature.com/nature/journal/v379/n6560/pdf/379003b0.pdf>.

Anonymous:1996:BRF

- [Ano96b] Anonymous. Book review: *Enrico Fermi, physicist*. By Emilio Segrè. University of Chicago Press, Chicago. (1970). 276 pages. \$13.95, £11.25. *Computers and Mathematics with Applications*, 31(2):132, January 1996. CODEN CMAPDK. ISSN 0898-1221 (print), 1873-7668 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0898122196901157>.

Anonymous:1997:ITK

- [Ano97] Anonymous. The IAEA turns 40: Key dates and historical developments. *International Atomic Energy Agency Bulletin*, 39 (3S):1–24, September 1997. CODEN IAEBAB. ISSN 0020-6067 (print), 1564-2690 (electronic). URL <http://www.iaea.org/Publications/Magazines/Bulletin/Bull1393/39301205578su.pdf>.

Anonymous:1998:THD

- [Ano98] Anonymous, editor. *Today in history. December 2*. Library of Congress, Washington, DC, USA, 1998. LCCN QC173. URL <http://memory.loc.gov/ammem/today/dec02.html>.

Anonymous:1999:CM

- [Ano99] Anonymous. The common man. *Physics in Perspective (PIP)*, 1(3):336, October 1999. CODEN PHPEF2. ISSN 1422-6944 (print), 1422-6960 (electronic). URL <http://link.springer.com/article/10.1007/s000160050024>; <http://www.springerlink.com/content/y1h02gr3rv7wurr1/>.

Anonymous:2001:EFS

- [Ano01a] Anonymous. *Enrico Fermi: significato di una scoperta. (Italian) [Enrico Fermi: the meaning of a discovery]*. ENEA, Roma, Italy, revised and expanded edition, 2001. ISBN 88-8286-022-1. 184 pp. LCCN QC16.F46 E57 2001.

Anonymous:2001:IFR

- [Ano01b] Anonymous. *L'Istituto di fisica e i ragazzi di via Panisperna / Istituto d'istruzione superiore di via Salvini, già Istituto tecnico Margherita di Savoia. (Italian) [The Institute of Physics and Via Panisperna boys / Institute of Higher Education Via Salvini, former Technical Institute Margherita di Savoia]*, volume 104 of *La scuola adotta un monumento*. F.lli Palombi, Roma, Italy, 2001. ISBN ????. 39 pp. LCCN ????

Anonymous:2001:RFL

- [Ano01c] Anonymous. Returning to the Fermi level. *Physics World*, 14(9):15, September 2001. CODEN PHWOEW. ISSN 0953-8585 (print), 2058-7058 (electronic). URL <http://physicsworldarchive.iop.org/full/pwa-pdf/14/9/phwv14i9a15.pdf>.

Anonymous:2002:BER

- [Ano02] Anonymous. Bibliografia essenziale relativa ai saggi contenuti in questo volume. (Italian) [Bibliography relating to the essays in this volume]. 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 378–?? ISBN 88-7438-000-3. LCCN QC774.F4. 10.33 EUR. URL <http://prometeo.sif.it:8080/libri/fermi/biblio.pdf>. English translation in [BB04b].

Anonymous:2003:PIC

- [Ano03] Anonymous, editor. *Proceedings of the International Conference “Enrico Fermi and the Universe of Physics”, Rome, September 29–October 2, 2001*. Accademia Nazionale dei Lincei and Istituto Nazionale di Fisica Nucleare, Rome, Italy, 2003. ISBN 88-8286-032-9. LCCN ???? URL http://old.enea.it/produzione_scientifica/pdf.../V2003_AttiFermi.pdf.

Anonymous:2005:CNS

- [Ano05] Anonymous, editor. *The Center for Nonlinear Studies 25th Annual International Conference: 50 Years of the Fermi–Pasta–Ulam Problem: Legacy, Impact, and Beyond: May 16–20, 2005, Radisson Santa Fe Hotel, Santa Fe, New Mexico USA*. ???? , ???? , 2005. ISBN ???? LCCN ???? URL <http://cnls.lanl.gov/Conferences/annual25/agenda.htm>.

Anonymous:2006:TDF

- [Ano06] Anonymous. Take a dip in the Fermi sea. *Science*, 311(5765):1223, March 3, 2006. CODEN SCIEAS. ISSN 0036-8075 (print), 1095-9203 (electronic). URL <http://www.sciencemag.org/content/311/5765/1223.2.full.pdf>.

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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 Fermi had him listen to the lectures from the hallway, through an open door.”.

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Fermi:1925:RTC

- [Fer25g] Enrico Fermi. Una relazione tra le costanti delle bande infrarosse delle molecole triatomiche. (Italian) [A relation between the constants of the infra-red bands of triatomic molecules]. *Rendiconti dell'Accademia Nazionale dei Lincei*, 1(6):386–387, 1925. CODEN AANLAW. ISSN 0001-4435.

Fermi:1926:APC

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Fermi:1926:PCN

- [Fer26b] Enrico Fermi. Problemi di chimica nella fisica dell'atomo. (Italian) [The problems of chemistry in atomic physics]. *Periodico di Matematiche*, 6(4):19–26, 1926.

Fermi:1926:QMM

- [Fer26c] Enrico Fermi. Quantum mechanics and the magnetic moment of atoms. *Nature*, 118(2981):876, December 18, 1926. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL <http://www.nature.com/nature/journal/v118/n2981/pdf/118876a0.pdf>.

Fermi:1926:SID

- [Fer26d] Enrico Fermi. Sopra l'intensità delle righe proibite nei campi magnetici intensi. (Italian) [On the intensity of forbidden lines

in strong magnetic fields]. *Rendiconti dell'Accademia Nazionale dei Lincei*, 3(6):478–483, 1926. CODEN AANLAW. ISSN 0001-4435.

Fermi:1926:SFC

- [Fer26e] Enrico Fermi. Sopra una formula di calcolo delle probabilità. (Italian) [On a formula for calculating the probability]. *Il Nuovo Cimento (8)*, 3(1–2):313–318, 1926. CODEN NUCIAD. ISSN 0029-6341 (print), 1827-6121 (electronic). URL <http://www.springerlink.com/content/41428t2uk9671532/>. This paper is the publication of Fermi's Diplome degree [Fer22h].

Fermi:1926:SQD

- [Fer26f] Enrico Fermi. Sulla quantizzazione del gas perfetto monoatomico. (Italian) [On the quantization of the ideal monatomic gas]. *Rendiconti dell'Accademia Nazionale dei Lincei*, 3(6):145–149, 1926. CODEN AANLAW. ISSN 0001-4435.

Fermi:1926:QIE

- [Fer26g] Enrico Fermi. Zur Quantelung des idealen einatomigen Gases. (German) [On the quantization of an ideal monatomic gas]. *Zeitschrift für Physik*, 36(11–12):902–912, November 1926. CODEN ZEPYAA. ISSN 1875-2875 URL <http://www.springerlink.com/content/k763270092273181/>.

Fermi:1926:WSG

- [Fer26h] Enrico Fermi. Zur Wellenmechanik des Stoßvorganges. (German) [On the wave mechanics of collision processes]. *Zeitschrift für Physik*, 40(5):399–402, May 1926. CODEN ZEPYAA. ISSN 1875-2875 URL <http://www.springerlink.com/content/wg37207762047g85/>.

Fermi:1926:LFT

- [Fer27a] Enrico Fermi. *Lezioni di Fisica teorica. (Italian) [Lectures on theoretical physics]*. Stabilimento Tipolitografico del Genio Civile, Roma, Italia, 1926–1927. 60 pp. Notes by Dei and Martinuzzi.

Fermi:1927:APC

- [Fer27b] Enrico Fermi. Argomenti pro e contro la ipotesi dei quanti di luce. (Italian) [Arguments for and against the hypothesis of light quanta]. *Rendiconti Seminario Mat. Roma (2)*, 4(??):31–32, 1927.

Fermi:1927:EEM

- [Fer27c] Enrico Fermi. Gli effetti elettro e magnetoottici e le loro interpretazioni. (Italian) [Electro- and magneto-optical effects and their interpretation]. *L'Energia Elettrica*, ??(??):109–120, ????. 1927. Special issue on the centenary of the death of A. Volta.

Fermi:1927:SMD

- [Fer27d] Enrico Fermi. Sul meccanismo dell'emissione nella meccanica ondulatoria. (Italian) [Mechanism of emission according to undulatory mechanics]. *Rendiconti dell'Accademia Nazionale dei Lincei*, 5(6):795–800, ????. 1927. CODEN AANLAW. ISSN 0001-4435.

Fermi:1927:MSP

- [Fer27e] Enrico Fermi. Un metodo statistico per la determinazione di alcune proprietà dell'atomo. (Italian) [A statistical method for the determination of some atomic properties]. *Rendiconti dell'Accademia Nazionale dei Lincei*, 6(6):602–607, ????. 1927. CODEN AANLAW. ISSN 0001-4435. This paper is the Fermi side of the Thomas–Fermi model, which Fermi developed independently a year after the work of Llewellyn H. Thomas ([Tho27]). See [Seg70b, page 53], [GR08], and [DS09] for historical background.

Fermi:1928:AGP

- [Fer28a] Enrico Fermi. Anomalous groups in the periodic system of elements. *Nature*, 121(3048):502, March 31, 1928. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL <http://www.nature.com/nature/journal/v121/n3048/pdf/121502b0.pdf>.

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].

Fermi:1928:IAF

- [Fer28c] Enrico Fermi. *Introduzione alla Fisica Atomica. (Italian) [Introduction to atomic physics]*. N. Zanichelli, Bologna, Italy, 1928. 330 pp. LCCN ????

Fermi:1928:PMC

- [Fer28d] Enrico Fermi. Problemi matematici connessi alla nuova meccanica. (Italian) [Mathematical problems associated with the new mechanics]. *Rendiconti Seminario Mat. Roma*, 5(??):23, ??? 1928.

Fermi:1928:SBR

- [Fer28e] Enrico Fermi. Statistische Berechnung der Rydbergkorrekturen der s -Terme. (German) [Statistical calculation of the Rydberg correction s -terms]. *Zeitschrift für Physik*, 49(7–8):550–554, ??? 1928. CODEN ZEPYAA. ISSN ??? URL <http://www.springerlink.com/content/g467772270t34273/>.

Fermi:1928:SDSa

- [Fer28f] Enrico Fermi. Sulla deduzione statistica di alcune proprietà dell'atomo. Applicazione alla teoria del sistema periodico degli elementi. (Italian) [On statistical inference of some atomic properties. Applying the theory to the periodic system of elements]. *Rendiconti dell'Accademia Nazionale dei Lincei*, 7(6):342–346, ??? 1928. CODEN AANLAW. ISSN 0001-4435.

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

[Fer29a] Enrico Fermi. Affinità elettronica e teoria statistica dell'atomo. (Italian) [Electron affinity and statistical theory of the atom]. *Il Nuovo Cimento (8)*, ??(?):13–14, 1929. CODEN NUCIAD. ISSN 0029-6341 (print), 1827-6121 (electronic).

Fermi:1929:FPL

[Fer29b] Enrico Fermi. *Fisica per i Licei. (Italian) [Physics for High Schools]*. N. Zanichelli, Bologna, Italy, 1929. 239 (volume 1) + 243 (volume 2) pp. LCCN ???? Two volumes.

Fermi:1929:FSD

[Fer29c] Enrico Fermi. I fondamenti sperimentale delle nuove teorie fisiche. (Italian) [The experimental foundations of the new physical theories]. *Atti Soc. It. Progr. Sci. 18a Riunione*, 1:365–371, 1929.

Fermi:1929:LDF

[Fer29d] Enrico Fermi. L'interpretazione del fenomeno dell'irradiazione e dell'assorbimento nella attuale teoria dei quanti. (Italian) [The interpretation of the phenomenon of radiation and absorption in the current quantum theory]. *Il Nuovo Cimento (8)*, ??:16–17, 1929. CODEN NUCIAD. ISSN 0029-6341 (print), 1827-6121 (electronic).

Fermi:1929:PAD

[Fer29e] Enrico Fermi. Problemi attuali della fisica. (Italian) [The contemporary problems of physics]. *Annali dell'Istruzione media*, 5(?):424–428, ???? 1929.

Fermi:1929:SEQ

[Fer29f] Enrico Fermi. Sopra l'elettrodinamica quantistica. (Italian) [On quantum electrodynamics]. *Rendiconti dell'Accademia Nazionale dei Lincei*, 9(6):881–887, ???? 1929. CODEN AANLAW. ISSN 0001-4435.

Fermi:1929:SCD

- [Fer29g] Enrico Fermi. Sul complesso $4d$ della molecola di elio. (Italian) [On complex $4d$ terms of the helium molecule]. *Rendiconti dell'Accademia Nazionale dei Lincei*, 10(?):515–517, ??? 1929. CODEN AANLAW. ISSN 0001-4435.

Fermi:1929:SMC

- [Fer29h] Enrico Fermi. Sul moto di un corpo di massa variabile. (Italian) [On the motion of a body of variable mass]. *Rendiconti Accad. d. L. Roma (6)*, 9(6):984–986, ??? 1929.

Fermi:1929:STQ

- [Fer29i] Enrico Fermi. Sulla teoria quantistica delle frange di interferenza. (Italian) [On the quantum theory of interference fringes]. *Rendiconti dell'Accademia Nazionale dei Lincei*, 10(6):72–77, ??? 1929. CODEN AANLAW. ISSN 0001-4435.

Fermi:1930:ASI

- [Fer30a] Enrico Fermi. Atomi e stelle. (Italian) [Atoms and stars]. *Atti Società Italiana per il Progresso delle Scienze, 19a Riunione*, 1: 228–235, 1930.

Fermi:1930:FSD

- [Fer30b] Enrico Fermi. I fondamenti sperimentale della nuova meccanica atomica. *Periodico di Matematiche*, 10(?):71–84, ??? 1930.

Fermi:1930:FMI

- [Fer30c] Enrico Fermi. La fisica moderna. (Italian) [Modern physics]. *Nuova Antologia*, 65(?):137–145, November 1930.

Fermi:1930:LDPa

- [Fer30d] Enrico Fermi. L'interpretazione del principio di causalità nella meccanica quantistica. (Italian) [The interpretation of the principle of causality in quantum mechanics]. *Rendiconti dell'Accademia Nazionale dei Lincei*, 11(?):980–985, ??? 1930. CODEN AANLAW. ISSN 0001-4435.

Fermi:1930:LDPb

- [Fer30e] Enrico Fermi. L'interpretazione del principio di causalità nella meccanica quantistica. (Italian) [The interpretation of the principle of causality in quantum mechanics]. *Il Nuovo Cimento (8)*, 7(10):361–366, ??? 1930. CODEN NUCIAD. ISSN 0029-6341 (print), 1827-6121 (electronic).

Fermi:1930:MMAb

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Fermi:1930:SEQ

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Fermi:1930:SMM

- [Fer30h] Enrico Fermi. Sui momenti magnetici dei nuclei atomici. (Italian) [On the magnetic moments of atomic nuclei]. *Mem. Accad. d'Italia*, 1 (Fis.):139–148, 1930.

Fermi:1930:SCDb

- [Fer30i] Enrico Fermi. Sul calcolo degli spettri degli ioni. (Italian) [On the calculation of ionic spectra]. *Reale Accademia d'Italia. Memorie della Classe di Scienze Fisiche Matematiche e Naturali*, 1 (Fis.):149–156, 1930.

Fermi:1930:SCDc

- [Fer30j] Enrico Fermi. Sul calcolo degli spettri degli ioni. (Italian) [On the calculation of ionic spectra]. *Il Nuovo Cimento (8)*, 8(?):7–14, 1930. CODEN NUCIAD. ISSN 0029-6341 (print), 1827-6121 (electronic).

Fermi:1930:SCDa

- [Fer30k] Enrico Fermi. Sul complesso $4d$ della molecola di elio. (Italian) [On the complex $4d$ terms of the helium molecule]. *Il Nuovo Cimento (8)*, 7(1):159–161, 1930. CODEN NUCIAD. ISSN 0029-6341 (print), 1827-6121 (electronic). URL <http://www.springerlink.com/content/qu2v070619524651/>.

Fermi:1930:SPC

- [Fer30l] Enrico Fermi. Sul principio di causalità nella meccanica ondulatoria. (Italian) [On the principle of causality in wave-mechanics]. *Rendiconti dell'Accademia Nazionale dei Lincei*, 11(6):980–??, 1930. CODEN AANLAW. ISSN 0001-4435.

Fermi:1930:SRD

- [Fer30m] Enrico Fermi. Sul rapporto delle intensità nei doppietti dei metalli alcalini. (Italian) [On the intensity ratio of the doublets of alkali metals]. *Il Nuovo Cimento* (8), 7(2):201–207, 1930. CODEN NUCIAD. ISSN 0029-6341 (print), 1827-6121 (electronic). URL <http://www.springerlink.com/content/n634245424810826/>.

Fermi:1930:STQ

- [Fer30n] Enrico Fermi. Sulla teoria quantistica delle frange di interferenza. (Italian) [On the quantum theory of interference fringes]. *Il Nuovo Cimento* (8), 7(1):153–158, 1930. CODEN NUCIAD. ISSN 0029-6341 (print), 1827-6121 (electronic). URL <http://www.springerlink.com/content/11u3u0132r2167u8/>.

Fermi:1930:IDA

- [Fer30o] Enrico Fermi. Über das Intensitätsverhältnis der Dublett-komponenten der Alkalien. (German) [On the intensity ratio of the alkali doublet]. *Zeitschrift für Physik*, 59(9–10):680–686, 1930. CODEN ZEPYAA. ISSN 0033-7083 (print), 1432-0047 (electronic). URL <http://www.springerlink.com/content/u61157208733h542/>.

Fermi:1930:MMAa

- [Fer30p] Enrico Fermi. Über die magnetischen Momente der Atomkerne. (German) [On the magnetic moment of the atomic nucleus]. *Zeitschrift für Physik*, 60(5–6):320–333, 1930. CODEN ZEPYAA. ISSN 0033-7083 (print), 1432-0047 (electronic). URL <http://www.springerlink.com/content/r2xvj07147qj3005/>.

Fermi:1931:TDR

- [Fer31a] Enrico Fermi. La théorie du rayonnement. (French) [The theory of radiation]. *Annales de l'Institut Henri Poincaré*, 1(1):53–74, 1931. CODEN AIHPA2. ISSN 0365-320x (print), 2400-4855 (electronic). URL http://www.numdam.org/item?id=AIHP_1930__1_1_53_0.

Fermi:1931:MEN

- [Fer31b] Enrico Fermi. Le masse elettromagnetiche nella elettrodinamica quantistica. (Italian) [The electromagnetic mass in quantum electrodynamics]. *Il Nuovo Cimento* (8), 8(1):121–132, 1931. CODEN NUCIAD. ISSN 0029-6341 (print), 1827-6121 (electronic). URL <http://www.springerlink.com/content/666766873474t135/>.

Fermi:1931:SEQ

- [Fer31c] Enrico Fermi. Sopra l'elettrodinamica quantistica. *Il Nuovo Cimento (8)*, 8(??):207–219, ??? 1931. CODEN NUCIAD. ISSN 0029-6341 (print), 1827-6121 (electronic).

Fermi:1931:SCD

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Fermi:1931:RKG

- [Fer31e] Enrico Fermi. Über den Ramaneffekt des Kohlendioxyds. (German) [On the Raman effect in carbon dioxide]. *Zeitschrift für Physik*, 71(3–4):250–259, March 1931. CODEN ZEPYAA. ISSN ??? URL <http://www.springerlink.com/content/m55p73766721t070/>.

Fermi:1932:EAP

- [Fer32a] Enrico Fermi. État actuel de la physique du noyau atomique. (French) [The current state of physics of the atomic nucleus]. In Robert de Valbreuze, editor, *Comptes Rendus du Congrès International d'Electricité Paris 1932*, pages 789–807. Gauthier-Villars et cie, Paris, France, 1932.

Fermi:1932:LRN

- [Fer32b] Enrico Fermi. L'effetto Raman nelle molecole e nei cristalli. (Italian) [The Raman effect in molecules and crystals]. *Mem. Accad. d'Italia*, 3 (Fis.)(?):239–256, ??? 1932.

Fermi:1932:SAO

- [Fer32c] Enrico Fermi. Lo stato attuale di oscillazione e rotazione dell'ammoniaca. (Italian) [The current state of oscillation and rotation in ammonia]. *La Ricerca Scientifica*, 3(2):101–113, ??? 1932. CODEN RISCAZ. ISSN 0035-5011.

Fermi:1932:QTR

- [Fer32d] Enrico Fermi. Quantum theory of radiation. *Reviews of Modern Physics*, 4(1):87–132, January 1, 1932. CODEN RM-PHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-

0756. URL <http://link.aps.org/doi/10.1103/RevModPhys.4.87>; http://rmp.aps.org/abstract/RMP/v4/i1/p87_1.

Fermi:1932:SBOa

- [Fer32e] Enrico Fermi. Sulle bande di oscillazione e rotazione dell'ammoniaca. (Italian) [Vibration and rotation bands of ammonia]. *Rendiconti dell'Accademia Nazionale dei Lincei*, 16(6):179–185, 1932. CODEN AANLAW. ISSN 0001-4435.

Fermi:1932:SBOb

- [Fer32f] Enrico Fermi. Sulle bande di oscillazione e rotazione dell'ammoniaca. (Italian) [Vibration and rotation bands of ammonia]. *Il Nuovo Cimento (8)*, 9(9):277–283, 1932. CODEN NUCIAD. ISSN 0029-6341 (print), 1827-6121 (electronic). URL <http://www.springerlink.com/content/g67688w169u75n61/>.

Fermi:1933:UPC

- [Fer33a] Enrico Fermi. Le ultime particelle costitutive della materia. (Italian) [The ultimate constituents of matter]. *Atti Società Italiana per il Progresso delle Scienze, 22a Riunione*, 2(??):7–14, 1933. 22nd meeting, Bari (October 12–18, 1933). See also [Fer34f].

Fermi:1933:TTD

- [Fer33b] Enrico Fermi. Tentativo di una teoria dell'emissione dei raggi 'beta'. (Italian) [Attempt at a theory of the emission of β rays]. *Ricerca Scientifica ed il Progresso Tecnico*, 4(2):491–495, 1933. CODEN RSPTB6. ISSN 1120-9000. See [Jen00] for a history of the theory of beta decay.

Fermi:1933:THS

- [Fer33c] Enrico Fermi. Theory of hyperfine structure [minutes of the Chicago Meeting, June 19–24, 1933]. *Physical Review*, 44(4):313–330, August 1933. CODEN PHRVAO. ISSN 0031-899X (print), 1536-6065 (electronic). URL <http://link.aps.org/doi/10.1103/PhysRev.44.313>. Only title appears in the minutes.

Fermi:1934:ARN

- [Fer34a] Enrico Fermi. Artificial radioactivity produced by neutron bombardment. In *International Conference on Physics, London, Vol. I. Nuclear Physics*, pages 75–77. Physical Society, London, UK, 1934.

Fermi:1934:ARPa

- [Fer34b] Enrico Fermi. Artificial radioactivity produced by neutron bombardment. *Nature*, 134(??):668, ??? ??, 1934. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic).

Fermi:1934:CL

- [Fer34c] Enrico Fermi. Conferencias (lectures). Facultad de Ciencias Exactas, Físicas y Naturales, Serie B, Publicación 15, Buenos Aires, Argentina, 1934.

Fermi:1934:EN

- [Fer34d] Enrico Fermi. Element no. 93. *Nature*, 133(3371):863–864, June 9, 1934. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL <http://www.nature.com/nature/journal/v133/n3371/pdf/133863e0.pdf>.

Fermi:1934:RAI

- [Fer34e] Enrico Fermi. La radioattività artificiale. (Italian) [Artificial radioactivity]. *Atti Società Italiana per il Progresso delle Scienze, 23a Riunione*, 1:34–39, 1934.

Fermi:1934:UPC

- [Fer34f] Enrico Fermi. Le ultime particelle costitutive della materia. (Italian) [The ultimate constituents of matter]. *Scientia (Milan)*, 55 (261):21–28, January 1934. CODEN SCIMAI. ISSN 0036-8687 (print), 1825-4373 (electronic). URL <http://amshistorica.unibo.it/7>. See also [Fer33a].

Fermi:1934:MCI

- [Fer34g] Enrico Fermi. *Molecole e cristalli*. (Italian) [Molecules and crystals]. N. Zanichelli, Bologna, Italy, 1934. 303 pp. LCCN ????

Fermi:1934:PPE

- [Fer34h] Enrico Fermi. Possible production of elements of atomic number higher than 92. *Nature*, 133(3372):898–899, June 16, 1934. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL <http://www.chemteam.info/Chem-History/Fermi-transuranics-1934.html>; <http://www.nature.com/nature/journal/v133/n3372/pdf/133898a0.pdf>.

Fermi:1934:RIN

- [Fer34i] Enrico Fermi. Radioactivity induced by neutron bombardment. *Nature*, 133(3368):757, May 19, 1934. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL <http://www.nature.com/nature/journal/v133/n3368/pdf/133757a0.pdf>.

Fermi:1934:RPBa

- [Fer34j] Enrico Fermi. Radioattività indotta da bombardamento di neutroni. I (Italian) [Radioactivity induced by neutron bombardment. I]. *La Ricerca Scientifica*, 5(1):283, 1934. CODEN RISCAZ. ISSN 0035-5011.

Fermi:1934:RPBc

- [Fer34k] Enrico Fermi. Radioattività prodotta da bombardamento di neutroni. II. (Italian) [Radioactivity produced by neutron bombardment. II]. *Il Nuovo Cimento (8)*, 11(7):429–441, 1934. CODEN NUCIAD. ISSN 0029-6341 (print), 1827-6121 (electronic). URL <http://www.springerlink.com/content/q107q23kqk234806/>.

Fermi:1934:RPBb

- [Fer34l] Enrico Fermi. Radioattività provocata da bombardamento di neutroni. II. (Italian) [Radioactivity caused by neutron bombardment. II]. *La Ricerca Scientifica*, 5(1):330–331, 1934. CODEN RISCAZ. ISSN 0035-5011.

Fermi:1934:SSP

- [Fer34m] Enrico Fermi. Sopra lo spostamento per pressione delle righe elevate delle serie spettrali. (Italian) [On the movement under high pressure of the spectral-line series]. *Il Nuovo Cimento (8)*, 11(3):157–166, 1934. CODEN NUCIAD. ISSN 0029-6341 (print), 1827-6121 (electronic). URL <http://www.springerlink.com/content/04267161t7608557/>.

Fermi:1934:TTR

- [Fer34n] Enrico Fermi. Tentativo di una teoria dei raggi β . (Italian) [Draft of a theory of β rays]. *Il Nuovo Cimento (8)*, 11(1):1–19, January 1934. CODEN NUCIAD. ISSN 0029-6341 (print), 1827-6121 (electronic). URL <http://inspirehep.net/record/25382>; <http://www.springerlink.com/content/2t3p38675v840182/>.

Fermi:1934:VTS

- [Fer34o] Enrico Fermi. Versuch einer Theorie der β -Strahlen. I. (German) [Attempt at a theory of β -rays. I]. *Zeitschrift für Physik*, 88(3–4): 161–177, 1934. CODEN ZEPYAA. ISSN 0033-8333 URL <http://www.springerlink.com/content/wq2r06j058382226/>. English translation in [1].

Fermi:1934:BGB

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seventy years later [FK08, MZF⁺12, Ser12]. See also comments in [ACM10]. Esposito [Esp08a] reports about this paper “With amazing farsightedness Majorana suggested that the neutrino, which had just been postulated by Wolfgang Pauli and Fermi to explain puzzling features of radioactive beta decay, could be such a particle. This would make the neutrino unique among the elementary particles and, moreover, enable it to have mass. Today many experiments are still devoted to detect these peculiar properties, which include the phenomenon of neutrino oscillations: we have not yet succeeded to find a definite answer to Majorana’s proposal.”.

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