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

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Protest from University of Chicago scientists. *Bulletin of the Atomic Scientists*, 8(7):255–256, October 1952. CODEN BASIAP. ISSN 0096-3402 (print), 1938-3282 (electronic). Issue devoted to the restrictions of the McCarran Acts — the Internal Security Act of 1950, and the Immigration and Nationality Act of 1952 — on freedom of travel by scientists across US borders.

Anderson:1939:FU

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Amore:2014:ACS

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[ACF+42] Samuel K. Allison, C. M. Cooper, Enrico Fermi, Eugene P. Wigner, and Leo Szilard. Report of the committee for the examination of the Moore–Leverett design of a He-cooled plant. Report CE-324, US Atomic Energy Commission, Washington, DC, USA, 1942. Included are four pages that seem to have been written by Enrico Fermi, chairman of the committee. Undated: year chosen according to report number.

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[ACM10] E. Arimondo, Charles W. Clark, and W. C. Martin. Colloquium: Ettore Majorana and the birth of autoionization. *Reviews of Modern Physics*, 82(3):1947–1958, July 2010. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL `http://adsabs.harvard.edu/abs/2010RvMP...82.1947A`; `http://link.aps.org/doi/10.1103/RevModPhys.82.1947`; `http://rmp.aps.org/abstract/RMP/v82/i3/p1947_1`.

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[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.

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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.

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[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`.

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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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[AFR37] Edoardo Amaldi, Enrico Fermi, and Franco Rasetti. Un generatore artificiale di neutroni. (Italian) [An artificial generator of neutrons]. *La Ricerca Scientifica*, 8(2):40–43, ???? 1937. CODEN RISCAZ. ISSN 0035-5011.

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[AFW+57] Herbert L. Anderson, Enrico Fermi, Albedo 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 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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[AG14] Lluís Albarracín and Núria Gorgorió. Devising a plan to solve Fermi problems involving large numbers. *Educational Studies in Mathematics*, 86(1):79–96, May 2014. CODEN EDSMAN. ISSN 0013-1954 (print), 1573-0816 (electronic). URL http://link.springer.com/accesspage/article/10.1007/s10649-013-9528-9.

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[Agn82] Harold M. Agnew. Early impressions. *Bulletin of the Atomic Scientists*, 38(10):20–21, December 1982. CODEN BASIAP. ISSN 0096-3402 (print), 1938-3282 (electronic). See erratum [Ano83] that corrects the photo caption: it shows the first nuclear pile after reassembly at Argonne National Laboratory, *not* the original pile at Stagg Field.

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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[Agn04] Harold Agnew. Fermi at Columbia, Los Alamos, and Chicago. In Orear [Ore04], chapter 21, pages 101–106. ISBN ???? LCCN ???? URL http://dspace.library.cornell.edu/handle/1813/62; http://hdl.handle.net/1813/74.

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Al-Khalili:2017:AWL

[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.

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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.

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[All62a] Samuel K. Allison. Book review: *The Collected Papers of Enrico Fermi. vol. 1. Italy, 1921–1938* by Enrico Fermi and Emilo 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].

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[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.

Alpher:2023:GGR

[AM23] Victor S. Alpher and Simon A. Mitton. George Gamow and Ralph Alpher: a review of their cosmological collaboration as mentor and protégé 1942–1955. *European Physical Journal H*, 48(1):??, December 2023. CODEN EPJHAD. ISSN 2102-6459 (print), 2102-6467 (electronic). URL `https://link.springer.com/article/10.1140/epjh/s13129-023-00057-0`.

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[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:FMF

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

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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

[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.

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`. 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`.

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: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 berylium 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/Bull096/09605000303.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:BNF

[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

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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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(276 pages), $6.95. *Science Education*, 57(1):101, January/March 1973. CODEN SEDUAV. ISSN 0036-8326 (print), 1098-237X (electronic). URL http://onlinelibrary.wiley.com/doi/10.1002/sce.3730570130/abstract.

Brown:1978:IN

[Bro78] Laurie M. Brown. The idea of the neutrino. *Physics Today*, 31(9):23–28, September 1978. CODEN PHTOAD. ISSN 0031-9228 (print), 1945-0699 (electronic). URL http://www.nobelprize.org/nobel_prizes/physics/laureates/1935/; http://www.physicstoday.org/resource/1/phtoad/v31/i9/p23_s1. Page 27 contains an English translation of Pauli's famous letter proposing the existence of an as-yet-undiscovered particle, which he called the 'neutron'. Fermi later renamed it 'neutrino' because of its small (and possibly zero) mass. The real neutron was first discovered by James Chadwick in 1932, a result for which he received the 1935 Nobel Prize in Physics.

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[Bru07] Giuseppe Bruzzaniti. *Enrico Fermi: il genio obbediente. (Italian) [Enrico Fermi: the obedient genius]*, volume 882 of *Saggi*. G. Einaudi, Torino, Italy, 2007. ISBN 88-06-16682-4 (paperback). xiii + 386 pp. LCCN QC774.F4 B78 2007. 24.50 EUR. URL http://matematica.unibocconi.it/libri/enrico-fermi-il-genio-obbediente; http://www.loc.gov/catdir/toc/casalini06/06541291.pdf.

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[Fer23d] Enrico Fermi. Dimostrazione che in generale un sistema meccanico normale è quasi-ergodico. (Italian) [Demonstration that in general a normal mechanical system is quasi-ergodic]. *Il Nuovo Cimento (6)*, 25(6):1–5, ???? 1923. CODEN NUCIAD. ISSN

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[Fer23e] Enrico Fermi. Dimostrazione che in generale un sistema meccanico normale è quasi-ergodico. (Italian) [Demonstration that in general a normal mechanical system is quasi-ergodic]. *Il Nuovo Cimento (6)*, 25(7):267–269, ???? 1923. CODEN NUCIAD. ISSN 0029-6341 (print), 1827-6121 (electronic). URL http://www.springerlink.com/content/7223216276011616/.

Fermi:1923:FIC

[Fer23f] Enrico Fermi. Formazione di immagini coi raggi Röntgen. (Italian) [Image formation with X-rays]. *Il Nuovo Cimento (6)*, 25(1):63–68, ???? 1923. CODEN NUCIAD. ISSN 0029-6341 (print), 1827-6121 (electronic). URL http://www.springerlink.com/content/3242726132792134/.

Fermi:1923:GDT

[Fer23g] Enrico Fermi. Generalizzazione del teorema di Poincaré sopra la non esistenza di integerali uniformi di un sistema di equazioni canoniche normali. (Italian) [Generalization of the theorem of Poincaré on the nonexistence of uniform integrals of a normal canonical system of equations]. *Il Nuovo Cimento (6)*, 26(1):105–115, ???? 1923. CODEN NUCIAD. ISSN 0029-6341 (print), 1827-6121 (electronic). URL http://www.springerlink.com/content/c264617500h5k701/.

Fermi:1923:PDA

[Fer23h] Enrico Fermi. Il principio delle adiabatiche ed i sistemi che non ammettono coordinate angolari. (Italian) [The adiabatic principle and systems that do not allow angular coordinates]. *Il Nuovo Cimento (6)*, 25(1):171–175, ???? 1923. CODEN NUCIAD. ISSN 0029-6341 (print), 1827-6121 (electronic). URL http://www.springerlink.com/content/7884315r31620004/.

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[Fer23i] Enrico Fermi. Le masse nella teoria della relatività. In *I fondamenti della relatività Einsteiniana: valore e interpretazione della teoria. (Italian) [The foundations of Einsteinian relativity: value and interpretation of the theory]* [Kop23], pages 342–344. LCCN ???? Appendix.

Fermi:1923:STSa

[Fer23j] Enrico Fermi. Sopra la teoria di Stern della costante assoluta dell'entropia di un gas perfetto monoatomico. (Italian) [On Stern's theory of the absolute constancy of the entropy of a perfect monatomic gas]. *Rendiconti dell'Accademia Nazionale dei Lincei*, 32(2):395–398, ???? 1923. CODEN AANLAW. ISSN 0001-4435.

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Fermi:1923:STD

[Fer23l] Enrico Fermi. Sul trascinamento del piano di polarizzazione da parte di un mezzo rotante. (Italian) [On the rotation of the plane of polarization of light in a rotating medium]. *Rendiconti dell'Accademia Nazionale dei Lincei*, 32(5):115–118, ???? 1923. CODEN AANLAW. ISSN 0001-4435.

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Fermi:1923:STSb

[Fer23n] Enrico Fermi. Sulla teoria statistica di Richardson dell'effetto fotoelettrico. (Italian) [On the Richardson statistical theory of the photoelectric effect]. *Il Nuovo Cimento (6)*, 26(1):97–104, ???? 1923. CODEN NUCIAD. ISSN 0029-6341 (print), 1827-6121 (electronic). URL `http://www.springerlink.com/content/l0510q70l8367582/`.

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Fermi:1924:CSQ

[Fer24b] Enrico Fermi. Considerazioni sulla quantizzazione dei sistemi che contengono degli elementi identici. (Italian) [Considerations on the quantization of systems that contain identical elements]. *Il*

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[Fer24c] Enrico Fermi. Optical resonance reflection and diffusion. *Rendiconti dell'Accademia Nazionale dei Lincei*, 33(1):90–93, ???? 1924. CODEN AANLAW. ISSN 0001-4435.

Fermi:1924:SRD

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Fermi:1924:EQE

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Fermi:1924:TSZ

[Fer24g] Enrico Fermi. Über die Theorie des Stoßes zwischen Atomen und elektrisch geladenen Teilchen. (German) [On the theory of the collisions between atoms and electrically-charged particles]. *Zeitschrift für Physik*, 29(1):315–327, December 1924. CODEN ZEPYAA. ISSN ???? URL http://inspirehep.net/record/2807; http://www.springerlink.com/content/9302470h61p55636/.

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Fermi:1925:EPL

[Fer25a] Enrico Fermi. *Elettrodinamica: prima lezione integrale del dattiloscritto del Corso di Fisica Matematica (Lezioni ei Eletrodinamica e Teoria della Relatività) del 1924–1925. (Italian) [Electrodynamics: the first lesson of the full manuscript of the Course of Mathematical Physics (Lessons and Theory of Relativity and Electrodynamics) of 1924–1925]*. Presso l'Università di Firenze, Firenze, Italy, 1925. ???? pp. LCCN ????

Fermi:1925:STC

[Fer25b] Enrico Fermi. Sopra la teoria dei corpi solidi. (Italian) [On the theory of solid bodies]. *Periodico di Matematiche*, 5(4):264–274, ???? 1925.

Fermi:1925:SID

[Fer25c] Enrico Fermi. Sopra l'intensità delle righe multiple. (Italian) [On the intensities of multiple lines]. *Rendiconti dell'Accademia Nazionale dei Lincei*, 1(6):120–124, 1925. CODEN AANLAW. ISSN 0001-4435.

Fermi:1925:SUT

[Fer25d] Enrico Fermi. Sopra l'urto tra atomi e nuclei di idrogeno. (Italian) [On collisions between atoms and hydrogen nuclei]. *Rendiconti Accad. d. L. Roma (6)*, 1(6):77–80, 1925.

Fermi:1925:SPD

[Fer25e] Enrico Fermi. Sui principi della teoria dei quanti. (Italian) [On the principles of the quantum theory]. *Rendiconti del Seminario matematico dell'Università di Roma*, 8:7–12, ???? 1925.

Fermi:1925:STD

[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/d4k7020l17x76169/`. English translation in [Fer01].

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

[Fer26a] Enrico Fermi. Argomenti pro e contro la ipotesi dei quanti di luce. (Italian) [Arguments for and against the hypothesis of light quanta]. *Il Nuovo Cimento (8)*, 3(1–2):47–54, ???? 1926. CODEN NUCIAD. ISSN 0029-6341 (print), 1827-6121 (electronic). URL http://www.springerlink.com/content/lm022085605043uh/.

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 ???? 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 ???? URL http://www.springerlink.com/content/wg37207762047g85/.

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[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 Martinozzi.

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 magnetooptical effects and their interpretation]. *L'Energia Elettrica*, ??(??):109–120, ???? 1927. Special issue on the centenary of the death of A. Volta.

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[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.

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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 Rydbergkorrektionen der *s*-Terme. (German) [Statistical calculation of the Rydberg correction *s*-terme]. *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 proprietá 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).

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[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 4*d* della molecola di elio. (Italian) [On complex 4*d* 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

[Fer30f] Enrico Fermi. Magnetic moments of atomic nuclei. *Nature*, 125 (3140):16, January 4, 1930. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `http://www.nature.com/nature/journal/v125/n3140/pdf/125016a0.pdf`.

Fermi:1930:SEQ

[Fer30g] Enrico Fermi. Sopra l'elettrodinamica quantistica. (Italian) [On quantum electrodynamics]. *Rendiconti dell'Accademia Nazionale dei Lincei*, 12(6):431–435, ???? 1930. CODEN AANLAW. ISSN 0001-4435.

Fermi:1930:SMM

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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 Matematische 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 4*d* della molecola di elio. (Italian) [On the complex 4*d* 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 Dublettkomponenten der Alkalien. (German) [On the intensity ratio of the alkali doublet]. *Zeitschrift für Physik*, 59(9–10):680–686, ???? 1930.

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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 ???? URL http://www.springerlink.com/content/r2xvj07l47qj3005/.

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

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Fermi:1931:SCD

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Fermi:1942:CRF

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Fermi:1942:CSM

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Fermi:1942:NPL

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Fermi:1942:RAI

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Fermi:1942:SDN

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Fermi:1946:CNPa

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Fermi:1946:ETP

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Fermi:1946:FAE

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Fermi:1946:MCT

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Fermi:1946:NP

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[Fer46i] Enrico Fermi. Neutron physics: a course by Enrico Fermi. Technical report, Los Alamos Scientific Laboratory, Los Alamos, NM, USA, 1946. 115 pp. URL `http://lib-www.lanl.gov/cgi-bin/getfile?00191399.pdf`.

Fermi:1947:ETK

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Fermi:1947:ETC

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Fermi:1949:VEF

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Fermi:1949:LD

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Fermi:1949:NPC

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