***“Imagination is more important than knowledge.”***

**Author of the Week: Albert Einstein**

***~Albert Einstein***

**Life and career:**

Albert Einstein was a German-born theoretical physicist who developed the theory of relativity, one of the two pillars of modern physics. He is best known to the general public for his mass–energy equivalence formula E = mc2, which has been dubbed "the world's most famous equation". He received the 1921 Nobel Prize in Physics "for his services to theoretical physics, and especially for his discovery of the law of the photoelectric effect", a pivotal step in the development of quantum theory. Einstein published more than 300 scientific papers and more than 150 non-scientific works. His intellectual achievements and originality

have made the word "Einstein" synonymous with "genius".

**To learn more about Albert Einstein:** [**https://www.nobelprize.org/prizes/physics/1921/einstein/biographical/**](https://www.nobelprize.org/prizes/physics/1921/einstein/biographical/)

[**https://www.britannica.com/biography/Albert-Einstein**](https://www.britannica.com/biography/Albert-Einstein)

[**https://www.history.com/topics/inventions/albert-einstein**](https://www.history.com/topics/inventions/albert-einstein)

[**https://www.youtube.com/watch?v=OamFZCFfQkg**](https://www.youtube.com/watch?v=OamFZCFfQkg)

# List of books by Albert Einstein available in our collection

1. Einstein, A. (1967). Investigations on the theory of the Brownian movement. New York: Dover Publ.

531.163 EIN 010610

1. Einstein, A. (2006). The meaning of relativity (Reprint). London: Routledge.

530.11 EIN 011329

1. Einstein, A. (2018). The travel diaries of Albert Einstein: the far east, Palestine, and Spain, 1922-1923. Princeton, NJ: Princeton University Press.

530.092 EIN 026620

1. Einstein, A., & Bargmann, S. (2005). Ideas and opinions. London: Souvenir Press.

083.1 EIN 014727

1. Einstein, A., & Lawson, R. W. (2001). Relativity: the special and general theory. New York: Routledge.

530.11 EIN 011330

1. Einstein, A., Beck, A., & Havas, P. (1987). The collected papers of Albert Einstein. Princeton, N.J: Princeton University Press.

530 EIN 014194-014202, 014218, 014284, 014300,

014534,021905

1. Einstein, A., Dukas, H., Hoffmann, B., & Rosenkranz, Z. (2013). Albert Einstein, the human side: glimpses from his archives (New edition). Princeton, New Jersey: Princeton University Press.

530.092 EIN 016909

# List of books on Albert Einstein available in our collection

1. Barnett, L. K. (2005). The universe and Dr. Einstein. Mineola, N.Y: Dover Publications.

530.11 BAR 016631

1. Bartusiak, M. (2000). Einstein’s unfinished symphony: listening to the sounds of space-time. Washington, D.C: Joseph Henry Press.

530.11 BAR 013302

1. Baumgarte, T. W., & Shapiro, S. L. (2010). Numerical relativity: solving Einstein’s equations on the computer. Cambridge; New York: Cambridge University Press.

530.11 BAU 012086

1. Bodanis, D. (2001). E=mc2: a biography of the world’s most famous equation. New York: Berkley Books.

530.11 BOD 014414

1. Bodanis, D. (2016). Einstein’s greatest mistake: The life of a flawed genius. London: Little, Brown.

530.092 BOD 024340

1. Calaprice, A., & Einstein, A. (2013). The ultimate quotable Einstein.

530.092 ULT 016349

1. Calaprice, A., Kennefick, D., & Schulmann, R. J. (2015). An Einstein encyclopedia. Princeton, New Jersey: Princeton University Press.

530.092 CAL 023072

1. Canales, J., Einstein, A., & Bergson, H. (2015). The physicist & the philosopher: Einstein, Bergson, and the debate that changed our understanding of time. Princeton Oxford: Princeton University Press. 153 CAN 024200
2. Einstein, A. (2018). The Berlin years: writings & correspondence, June 1925 - May 1927. (D. K. Buchwald, J. Illy, A. J. Kox, D. Lehmkuhl, Z. Rosenkranz, & J. N. James, Eds.). Princeton, NJ: Princeton University Press. 530 BUC 027030
3. Einstein, A. (2018). The Berlin years: writings & correspondence, June 1925 - May 1927. (D. K. Buchwald, J. Illy, A. J. Kox, D. Lehmkuhl, Z. Rosenkranz, & J. N. James, Eds.). Princeton Oxford: Princeton University Press.

530 BUC 027031

1. Eisenstaedt, J. (2006). The curious history of relativity: how Einstein’s theory of gravity was lost and found again. Princeton, N.J: Princeton University Press.

530.11 EIS 025501

1. Feynman, R. P. (1999). Six not-so-easy pieces Einstein’s relativity, symmetry, and space-time. London: Penguin.

530.11 FEY 011528

1. Foer, J. (2012). Moonwalking with Einstein: the art and science of remembering everything. New York: Penguin Books.

153.14 FOR 023633

1. Gamow, G. (1988). The great physicists from Galileo to Einstein. New York: Dover Publications.

530.0922 GAM 000968

1. Gardner, H. (2011). Creating minds: an anatomy of creativity seen through the lives of Freud, Einstein, Picasso, Stravinsky, Eliot, Graham, and Gandhi. New York: BasicBooks.

153.350922 GAR 014442

1. Ghose, P. (Ed.). (2017). Einstein, Tagore, and the nature of reality.

London; New York: Routledge, Taylor & Francis Group. 111 GHO 027436

1. Gimbel, S. (2012). Einstein’s Jewish science: physics at the intersection of politics and religion. Baltimore: Johns Hopkins University Press.

530.092 GIM 011723

1. Gosling, D. L. (2007). Science and the Indian tradition: when Einstein met Tagore. London; New York: Routledge.

303.4830954 GOS 004196

1. Griffiths, J. B., & Podolský, J. (2009). Exact space-times in Einstein’s general relativity. Cambridge, UK; New York: Cambridge University Press.

530.11 GRI 024782

1. Gutfreund, H., & Renn, J. (2017). The formative years of relativity: the

history and meaning of Einstein’s Princeton lectures: featuring Einstein’s classic text The meaning of relativity in its historical context. Princeton; Oxford: Princeton University Press.

530.11 GUT 025588

1. Gutfreund, H., & Renn, J. (2017). The road to relativity: the history and meaning of Einstein’s “The foundation of general relativity”: featuring the original manuscript of Einstein’s masterpiece.

530.11 GUT 025502

1. Halpern, P. (2015). Einstein’s dice and Schrödinger’s cat: how two great minds battled quantum randomness to create a unified theory of physics. New York: Basic Books, a member of the Perseus Group.

530.133 HAL 022705

1. Hartle, J. B. (2007). Gravity: an introduction to Einstein’s general relativity.

530.11 HAR, 530.1 HAR 005036, 021758-021760

1. Howard, D., Stachel, J. J., & Boston University (Eds.). (1989). Einstein and the history of general relativity: based on The proceedings of the 1986 Osgood Hill Conference, North Andover, Massachusetts, 8-11 May 1986. Boston: Birkhäuser.

530.11 HOW 021352

1. Isaacson, W. (2008). Einstein: his life and universe. New York, NY: Simon & Schuster.

530.092 ISA 011825

1. Isaacson, W. (2009). Einstein: the life of a genius. New York, NY: Collins Design.

530.092 ISA 014429, 025574

1. Kaku, M., & Thompson, J. T. (1999). Beyond Einstein: the cosmic quest for the theory of universe (Reissued in new covers). Oxford: Oxford Univ. Press.

539.7258 KAK 017912

1. Kennedy, R. E. (2012). A student’s guide to Einstein’s major papers.

Oxford; New York: Oxford University Press.

530.1092 KEN 014746

1. Kennefick, D. (2007). Traveling at the speed of thought: Einstein and the quest for gravitational waves. Princeton, N.J: Princeton University Press.

530.11 KEN 012366

1. Kumar, M. (2009). Quantum: Einstein, Bohr, and the great debate about the nature of reality. Gurgaon: Hachette India.

530.12 KUM 014461

1. Levenson, T. (2015). The Hunt for vulcan: how Albert Einstein destroyed a planet and deciphered the universe. London: Head of Zeus.

523.4 LEV 024423, 025211

1. Lightman, A. P., & Little, B. B. G. (2012). Einstein’s dreams. London: Corsair an imprint of Little, Brown Book Group.

813.54 LIG 023517

1. Livio, M. (2013). Brilliant blunders: from Darwin to Einstein: colossal mistakes by great scientists that changed our understanding of life and the universe. New York: Simon & Schuster.

500 LIV 014323

1. McCall, M. W. (2011). Classical mechanics: from Newton to Einstein: a modern introduction (2nd ed). Chichester, West Sussex, UK: Wiley.

531 MCC 018936

1. Pai, A., Roy, S., & Vēṇugōpāl, A. (2014). Albert Einstein: he never stopped questioning. Mumbai: Amar Chitra Katha.

823.01 PAI CC0534

1. Pais, A. (2005). Subtle is the Lord: the science and the life of Albert Einstein. Oxford; New York: Oxford University Press.

530.092 PAI 022784

1. Pitaevskii, L. P., & Stringari, S. (2003). Bose-Einstein condensation.

Oxford; New York: Clarendon Press.

530.42 PIT 014736

1. Robinson, A. … (et al.) (2015). Einstein: a hundred years of relativity.

Princeton: Princeton University Press.

530.092 ROB 022777

1. Schwarz, P. M., & Schwarz, J. H. (2004). Special relativity: from Einstein to strings. Cambridge, U.K.; New York: Cambridge University Press.

530.11 SCH 013884

1. Schwinger, J. (2002). Einstein’s legacy: the unity of space and time.

Mineola, N.Y: Dover Publications.

530.11 SCH 000969

1. Shamos, M. H. (Ed.). (1987). Great experiments in physics: firsthand accounts from Galileo to Einstein. New York: Dover Publications.

530.09 SHA 000977

1. Sreekantan, B. V., & Nehru Centre (Eds.). (2010). Remembering Einstein: lectures on physics and astrophysiscs. Oxford; New York: Oxford University Press.

530 SRE 014353

1. Stephani, H. (Ed.). (2009). Exact solutions of Einstein’s field equations.

Cambridge: Cambridge Univ. Press.

530.11 EXA 013875

1. Thorne, K. S. (1994). Black holes and time warps: Einstein’s outrageous legacy. New York: W.W. Norton.

530.11 THO 016188

1. Vishveshwara, C. V. (2006). Einstein’s enigma, or, Black holes in my bubblebath. New York: Copernicus Books.

530.11 VIS 013857

1. Visser, M. (1996). Lorentzian wormholes: from Einstein to Hawking.

Woodbury, NY: AIP Press.

530.11 VIS 013650

1. Whitaker, A. (2006). Einstein, Bohr, and the quantum dilemma: from quantum theory to quantum information (2nd ed). Cambridge; New York: Cambridge University Press.

530.12 WHI 004332

1. Will, C. M. (1990). Was Einstein right? putting general relativity to the test. Oxford [England]; New York: Oxford University Press.

530.11 WIL 012247

1. Zee, A. (2013). Einstein gravity in a nutshell. Princeton: Princeton University Press.

530.11 ZEE 014605

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