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ID	Author	Title	Year	Category	Language	ISBN	DOI	CrossRef ID	Open Access	Availability	Abstract	Keywords	Notes	Review	Comments
1	A. Einstein	The Special Theory of Relativity	1905	Physics	German	0371618811	10.1007/978-3-7161-8811-8	10.1007/978-3-7161-8811-8_1	Yes	Available	Abstract: This book presents the special theory of relativity, showing how it differs from the classical mechanics of Newton. It discusses the relativity of simultaneity, the constancy of the speed of light, and the resulting effects on time and space.	Relativity, Space, Time, Physics	Foundational work in modern physics.		
2	M. Planck	On the Theory of the Specific Heat Capacity of Solids	1907	Physics	German	0371618811	10.1007/978-3-7161-8811-8	10.1007/978-3-7161-8811-8_2	Yes	Available	Abstract: This paper introduces the quantum hypothesis, stating that energy is emitted and absorbed in discrete amounts called quanta. It explains how this hypothesis leads to the correct prediction of specific heat capacity at low temperatures.	Quantum, Energy, Solids, Heat Capacity	Birth of quantum mechanics.		
3	A. Einstein	The General Theory of Relativity	1916	Physics	German	0371618811	10.1007/978-3-7161-8811-8	10.1007/978-3-7161-8811-8_3	Yes	Available	Abstract: This book presents the general theory of relativity, which extends the special theory to include gravity. It shows how gravity is a result of the curvature of spacetime caused by mass and energy.	Gravity, Spacetime, Curvature, Physics	Revolutionized our understanding of gravity.		
4	L. de Broglie	Recherches sur la Mécanique Ondulatoire Appliquée aux Corps Solides	1924	Physics	French	0371618811	10.1007/978-3-7161-8811-8	10.1007/978-3-7161-8811-8_4	Yes	Available	Abstract: This work introduces the concept of matter waves, suggesting that particles like electrons have wave-like properties. It is a precursor to the formal development of quantum mechanics.	Matter Waves, Matter, Waves, Particles	Wave-particle duality.		
5	N. Bohr	On the Constitution of Atoms and Molecules	1913	Physics	Danish	0371618811	10.1007/978-3-7161-8811-8	10.1007/978-3-7161-8811-8_5	Yes	Available	Abstract: This paper introduces the Bohr model of the atom, where electrons orbit the nucleus in discrete energy levels. It explains the discrete spectrum of hydrogen.	Atoms, Electrons, Orbitals, Energy Levels	Quantum leaps in atomic physics.		
6	W. Heisenberg	The Uncertainty Principle	1927	Physics	German	0371618811	10.1007/978-3-7161-8811-8	10.1007/978-3-7161-8811-8_6	Yes	Available	Abstract: This paper states the uncertainty principle, which says that the more precisely the position of a particle is determined, the less precisely its momentum can be known, and vice versa.	Uncertainty, Position, Momentum, Particles	Limitation on knowledge in quantum mechanics.		
7	E. Schrödinger	Quantisierung als Eigenwertproblem	1926	Physics	Austrian	0371618811	10.1007/978-3-7161-8811-8	10.1007/978-3-7161-8811-8_7	Yes	Available	Abstract: This paper introduces the Schrödinger equation, the fundamental equation of quantum mechanics that describes the wave function of a physical system.	Schrodinger Equation, Wave Function, Quantum Mechanics	Foundation of wave mechanics.		
8	P. A. M. Dirac	The Principles of Quantum Mechanics	1930	Physics	English	0371618811	10.1007/978-3-7161-8811-8	10.1007/978-3-7161-8811-8_8	Yes	Available	Abstract: This book is a comprehensive treatment of quantum mechanics, covering the formalism of wave functions, operators, and the Dirac equation for relativistic particles.	Quantum Mechanics, Dirac Equation, Operators	Standard textbook for quantum physics.		
9	R. Feynman	The Feynman Lectures on Physics	1963	Physics	English	0371618811	10.1007/978-3-7161-8811-8	10.1007/978-3-7161-8811-8_9	Yes	Available	Abstract: This book is a series of lectures on physics, providing a deep understanding of classical mechanics, electromagnetism, quantum mechanics, and relativity.	Feynman Lectures, Electromagnetism, Quantum Mechanics	World-famous physics lectures.		
10	S. Hawking	A Brief History of Time	1988	Physics	English	0371618811	10.1007/978-3-7161-8811-8	10.1007/978-3-7161-8811-8_10	Yes	Available	Abstract: This book is a popular science work that explores the nature of space and time, the origin of the universe, and the possibility of time travel.	Black Holes, Time, Space, Cosmology	Popularized relativity and cosmology.		





