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List of IOP e-Books

S. No.	Title	Author	URL	eBook ISBN	DOI	Subject	Year
1	Experimental Astrophysics	Battistelli, E S	https://iopscience.iop.org/book/978-0-7503-3119-7	978-0-7503-3119-7	10.1088/2514-3433/ac0ce4	AAS: Instrumentation, Software, Laboratory Astrophysics, and Data	Oct-21
2	Gravitational Waves in Physics and Astrophysics — An artisan's guide	Coleman Miller, M	https://iopscience.iop.org/book/978-0-7503-3051-0	978-0-7503-3051-0	10.1088/2514-3433/ac2140	AAS: High-energy Phenomena and Fundamental Physics	Dec-21
3	Neutron Stars, Black Holes and Gravitational Waves	Kolata, J J	https://iopscience.iop.org/book/978-1-64327-422-5	978-1-64327-422-5	10.1088/2053-2571/aafb08	Astronomy and astrophysics	Apr-19
4	Nonlinear Dynamics — A hands-on introductory survey	Roussel, M R	https://iopscience.iop.org/book/978-1-64327-464-5	978-1-64327-464-5	10.1088/2053-2571/ab0281	Mathematics and computation	Apr-19
5	Nanomaterials — The original product of nanotechnology	Benelmekki, M	https://iopscience.iop.org/book/978-1-64327-644-1	978-1-64327-644-1	10.1088/2053-2571/ab126d	Materials	May-19
6	Keplerian Ellipses — The physics of the gravitational two-body problem	Reed, B C	https://iopscience.iop.org/book/978-1-64327-470-6	978-1-64327-470-6	10.1088/2053-2571/ab0303	Astronomy and astrophysics	May-19
7	Set Theory for Physicists	Pereyra, N A	https://iopscience.iop.org/book/978-1-64327-650-2	978-1-64327-650-2	10.1088/2053-2571/ab126a	Mathematics and computation	May-19
8	Quantum Thermodynamics — An introduction to the thermodynamics of quantum information	Deffner, S	https://iopscience.iop.org/book/978-1-64327-658-8	978-1-64327-658-8	10.1088/2053-2571/ab21c6	Quantum science	Jul-19
9	Classical Mechanics, Volume 1 — Tools and vectors	DiLisi, G A	https://iopscience.iop.org/book/978-1-64327-320-4	978-1-64327-320-4	10.1088/2053-2571/ab183f	Classical physics	Jul-19
10	Classical Mechanics, Volume 2 — Kinematics and uniformly accelerated motion	DiLisi, G A	https://iopscience.iop.org/book/978-1-64327-308-2	978-1-64327-308-2	10.1088/2053-2571/ab1841	Classical physics	Jul-19
11	Classical Mechanics, Volume 3 — Newton's laws and uniform circular motion	DiLisi, G A	https://iopscience.iop.org/book/978-1-64327-314-3	978-1-64327-314-3	10.1088/2053-2571/ab1894	Classical physics	Jul-19
12	Classical Mechanics, Volume 4 — The universal law of gravitation	DiLisi, G A	https://iopscience.iop.org/book/978-1-64327-302-0	978-1-64327-302-0	10.1088/2053-2571/ab1895	Classical physics	Aug-19
13	Quantised Vortices — A handbook of topological excitations	Simula, T	https://iopscience.iop.org/book/978-1-64327-126-2	978-1-64327-126-2	10.1088/2053-2571/aafb9d	Mathematics and computation	Aug-19
14	Classical Mechanics, Volume 5 — Conservation laws and rotational motion	DiLisi, G A	https://iopscience.iop.org/book/978-1-64327-398-3	978-1-64327-398-3	10.1088/2053-2571/ab1cb2	Classical physics	Aug-19
15	Semiconductors and Modern Electronics	Winrich, C	https://iopscience.iop.org/book/978-1-64327-590-1	978-1-64327-590-1	10.1088/2053-2571/ab2cc8	Materials	Aug-19
16	Lasers and Their Application to the Observation of Bose–Einstein Condensates	Dunlap, R A	https://iopscience.iop.org/book/978-1-64327-696-0	978-1-64327-696-0	10.1088/2053-2571/ab2f2f	Optics and photonics	Sep-19

17	Electrons in Solids — Contemporary topics	Dunlap, R A	https://iopscience.iop.org/book/978-1-64327-690-8	978-1-64327-690-8	10.1088/2053-2571/ab2f2c	Condensed matter	Sep-19
18	An Introduction to Liquid Crystals	DiLisi, G A	https://iopscience.iop.org/book/978-1-64327-684-7	978-1-64327-684-7	10.1088/2053-2571/ab2a6f	Materials	Sep-19
19	Transformations of Materials	Vvedensky, D D	https://iopscience.iop.org/book/978-1-64327-620-5	978-1-64327-620-5	10.1088/2053-2571/ab191e	Materials	Sep-19
20	Recent Advances in Innovative Magnetic Nanomaterials for Cancer Theranostics	Mukherjee, S	https://iopscience.iop.org/book/978-1-64327-786-8	978-1-64327-786-8	10.1088/2053-2571/ab41ef	Medical physics and biophysics	Oct-19
21	Optics — The science of light	Ewart, P	https://iopscience.iop.org/book/978-1-64327-676-2	978-1-64327-676-2	10.1088/2053-2571/ab2231	Optics and photonics	Oct-19
22	The Physics of Noise	Milotti, E	https://iopscience.iop.org/book/978-1-64327-768-4	978-1-64327-768-4	10.1088/2053-2571/ab3c46	Instrumentation and measurement	Oct-19
23	Relativistic Quantum Field Theory, Volume 1 — Canonical formalism	Strickland, M	https://iopscience.iop.org/book/978-1-64327-702-8	978-1-64327-702-8	10.1088/2053-2571/ab30cc	Quantum science	Nov-19
24	Relativistic Quantum Field Theory, Volume 2 — Path integral formalism	Strickland, M	https://iopscience.iop.org/book/978-1-64327-708-0	978-1-64327-708-0	10.1088/2053-2571/ab3108	Quantum science	Nov-19
25	Relativistic Quantum Field Theory, Volume 3 — Applications of quantum field theory	Strickland, M	https://iopscience.iop.org/book/978-1-64327-762-2	978-1-64327-762-2	10.1088/2053-2571/ab3a99	Quantum science	Nov-19
26	Solitons in Crystalline Processes (2nd Edition) — Irreversible thermodynamics of structural phase transitions and superconductivity	Fujimoto, M	https://iopscience.iop.org/book/978-0-7503-2572-1	978-0-7503-2572-1	10.1088/978-0-7503-2572-1	Condensed matter	Nov-19
27	Handbook of Exact Solutions to the Nonlinear Schrödinger Equations	Al Khawaja, U	https://iopscience.iop.org/book/978-0-7503-2428-1	978-0-7503-2428-1	10.1088/2053-2563/ab2f31	Mathematics and computation	Nov-19
28	A Course on Digital Image Processing with MATLAB®	Thiruvikraman, P K	https://iopscience.iop.org/book/978-0-7503-2604-9	978-0-7503-2604-9	10.1088/978-0-7503-2604-9	Mathematics and computation	Nov-19
29	Quantum Computing — A pathway to quantum logic design	Babu, H M H	https://iopscience.iop.org/book/978-0-7503-2747-3	978-0-7503-2747-3	10.1088/978-0-7503-2747-3	Quantum science	May-20
30	Creating Materials with a Desired Refraction Coefficient (Second Edition)	Ramm, A G	https://iopscience.iop.org/book/978-0-7503-3391-7	978-0-7503-3391-7	10.1088/978-0-7503-3391-7	Optics and photonics	Jul-20
31	Advances in X-Ray Spectroscopy of Laser Plasmas	Oks, E	https://iopscience.iop.org/book/978-0-7503-3375-7	978-0-7503-3375-7	10.1088/978-0-7503-3375-7	Optics and photonics	Jul-20
32	Rays, Waves and Photons — A compendium of foundations and emerging technologies of pure and applied optics	Wolfe, W L	https://iopscience.iop.org/book/978-0-7503-2612-4	978-0-7503-2612-4	10.1088/978-0-7503-2612-4	Optics and photonics	Aug-20
33	An Introduction to Plasma Physics and its Space Applications, Volume 2	Conde, L	https://iopscience.iop.org/book/978-0-7503-3543-0	978-0-7503-3543-0	10.1088/978-0-7503-3543-0	Plasmas	Aug-20
34	Magnetically Confined Fusion Plasma Physics, Volume 2 — Multifluid theory	Zheng, L	https://iopscience.iop.org/book/978-0-7503-3575-1	978-0-7503-3575-1	10.1088/978-0-7503-3575-1	Plasmas	Sep-20
35	An Introduction to Quantum Optics — An open systems approach	Rice, P D P	https://iopscience.iop.org/book/978-0-7503-1713-9	978-0-7503-1713-9	10.1088/978-0-7503-1713-9	Optics and photonics	Sep-20
36	A Mathematically Coherent Quantum Gravity	Moffat, J	https://iopscience.iop.org/book/978-0-7503-2580-6	978-0-7503-2580-6	10.1088/978-0-7503-2580-6	Astronomy and astrophysics	Sep-20
37	Nuclear Materials Science (Second Edition)	Whittle, K	https://iopscience.iop.org/book/978-0-7503-2376-5	978-0-7503-2376-5	10.1088/978-0-7503-2376-5	Materials	Nov-20

38	Radiation Detection for Nuclear Physics — Methods and industrial applications	Jenkins, D	https://iopscience.iop.org/book/978-0-7503-1428-2	978-0-7503-1428-2	10.1088/978-0-7503-1428-2	Particle and nuclear physics	Nov-20
39	Flow Measurement by Electromagnetic Induction — Theory and numerical methods	Zhang, X	https://iopscience.iop.org/book/978-0-7503-2564-6	978-0-7503-2564-6	10.1088/978-0-7503-2564-6	Instrumentation and measurement	Nov-20
40	Engineering Electrodynamics — A collection of theorems, principles and field representations	Janaswamy, P D R	https://iopscience.iop.org/book/978-0-7503-1716-0	978-0-7503-1716-0	10.1088/978-0-7503-1716-0	Engineering	Dec-20
41	Introduction to Simulation Methods for Gas Discharge Plasmas — Accuracy, reliability and limitations	Rafatov, I	https://iopscience.iop.org/book/978-0-7503-2360-4	978-0-7503-2360-4	10.1088/978-0-7503-2360-4	Plasmas	Dec-20
42	Practical Electrodynamics with Advanced Applications	Leble, S	https://iopscience.iop.org/book/978-0-7503-2576-9	978-0-7503-2576-9	10.1088/978-0-7503-2576-9	Optics and photonics	Dec-20
43	Superconducting Materials and Their Applications — An interdisciplinary approach	Yakhmi, P D J V	https://iopscience.iop.org/book/978-0-7503-2256-0	978-0-7503-2256-0	10.1088/978-0-7503-2256-0	Materials	Feb-21
44	Quantum Field Theory — A quantum computation approach	Meurice, P Y	https://iopscience.iop.org/book/978-0-7503-2187-7	978-0-7503-2187-7	10.1088/978-0-7503-2187-7	Quantum science	Feb-21
45	Solid State Physics — A primer	Colombo, P L	https://iopscience.iop.org/book/978-0-7503-2265-2	978-0-7503-2265-2	10.1088/978-0-7503-2265-2	Condensed matter	Mar-21
46	Turbulence and Instabilities in Magnetised Plasmas, Volume 1 — Fluid drift turbulence	Scott, B	https://iopscience.iop.org/book/978-0-7503-2504-2	978-0-7503-2504-2	10.1088/978-0-7503-2504-2	Plasmas	Mar-21
47	Ultrafast Lasers and Optics for Experimentalists	Pickering, J D	https://iopscience.iop.org/book/978-0-7503-3659-8	978-0-7503-3659-8	10.1088/978-0-7503-3659-8	Instrumentation and measurement	Mar-21
48	Quantum Transport in Nanostructures and Molecules — An introduction to molecular electronics	Lambert, P C J	https://iopscience.iop.org/book/978-0-7503-3639-0	978-0-7503-3639-0	10.1088/978-0-7503-3639-0	Materials	Mar-21
49	The Safe Use of Cryogenic Technologies — A handbook for best practice and training	Done, R	https://iopscience.iop.org/book/978-0-7503-3123-4	978-0-7503-3123-4	10.1088/978-0-7503-3123-4	Instrumentation and measurement	May-21
50	Physics of the Lorentz Group (Second Edition) — Beyond high-energy physics and optics	Başkal, S	https://iopscience.iop.org/book/978-0-7503-3607-9	978-0-7503-3607-9	10.1088/978-0-7503-3607-9	Mathematics and computation	May-21
51	A Handbook of Mathematical Methods and Problem-Solving Tools for Introductory Physics (Second Edition)	Whitney, J F	https://iopscience.iop.org/book/978-0-7503-3399-3	978-0-7503-3399-3	10.1088/978-0-7503-3399-3	Mathematics and computation	Jun-21
52	Nuclear Data — A primer	Jenkins, D	https://iopscience.iop.org/book/978-0-7503-2674-2	978-0-7503-2674-2	10.1088/978-0-7503-2674-2	Particle and nuclear physics	Aug-21
53	Energy from Nuclear Fusion	Dunlap, R A	https://iopscience.iop.org/book/978-0-7503-3307-8	978-0-7503-3307-8	10.1088/978-0-7503-3307-8	Environment and energy	Sep-21
54	Introduction to the Mathematical Physics of Nonlinear Waves (Second Edition)	Fujimoto, M	https://iopscience.iop.org/book/978-1-627-05276-4	978-0-7503-3759-5	10.1088/978-0-7503-3759-5	Mathematics and computation	Oct-21
55	Philosophy and the Interpretation of Quantum Physics	Ydri, B	https://iopscience.iop.org/book/978-0-7503-2600-1	978-0-7503-2600-1	10.1088/978-0-7503-2600-1	Quantum science	Oct-21
56	Composites Engineering: An A–Z Guide	Alam, D P	https://iopscience.iop.org/book/978-0-7503-3527-0	978-0-7503-3527-0	10.1088/978-0-7503-3527-0	Materials	Oct-21
57	Introduction to Nonlinear Optics of Photonic Crystals and Metamaterials (Second Edition)	McGurn, A R	https://iopscience.iop.org/book/978-0-7503-3579-9	978-0-7503-3579-9	10.1088/978-0-7503-3579-9	Optics and photonics	Nov-21
58	Quantum Statistical Mechanics in Classical Phase Space	Attard, P	https://iopscience.iop.org/book/978-0-7503-4055-7	978-0-7503-4055-7	10.1088/978-0-7503-4055-7	Quantum science	Nov-21
59	Modern Quantum Mechanics and Quantum Information	Faulkner, J S	https://iopscience.iop.org/book/978-0-7503-2167-9	978-0-7503-2167-9	10.1088/978-0-7503-2167-9	Quantum science	Dec-21
60	Practical Terahertz Electronics: Devices and Applications, Volume 1 — Solid-state devices and vacuum tubes	Khanna, V K	https://iopscience.iop.org/book/978-0-7503-3171-5	978-0-7503-3171-5	10.1088/978-0-7503-3171-5	Materials	Dec-21
61	Practical Terahertz Electronics: Devices and Applications, Volume 2 — Optical devices and applications	Khanna, V K	https://iopscience.iop.org/book/978-0-7503-4886-7	978-0-7503-4886-7	10.1088/978-0-7503-4886-7	Materials	Dec-21
62	Advances in Image and Data Processing using VLSI Design, Volume 1 — Smart vision systems	Saini, S	https://iopscience.iop.org/book/978-0-7503-3919-3	978-0-7503-3919-3	10.1088/978-0-7503-3919-3	Engineering	Dec-21
63	Turbulent Flows: an Introduction	Castro, I P	https://iopscience.iop.org/book/978-0-7503-3619-2	978-0-7503-3619-2	10.1088/978-0-7503-3619-2	Classical physics	Dec-21

64	Techniques of Classical Mechanics — From Lagrangian to Newtonian mechanics	Zain, P S B	https://iopscience.iop.org/book/978-0-7503-2076-4	978-0-7503-2076-4	10.1088/2053-2563/aae1b9	Classical physics	Jan-19
65	Airborne Radioactive Discharges and Human Health Effects — An introduction	Bryant, P A	https://iopscience.iop.org/book/978-0-7503-1356-8	978-0-7503-1356-8	10.1088/2053-2563/aafa6d	Medical physics and biophysics	Mar-19
66	A Modern Course in Quantum Field Theory, Volume 1 — Fundamentals	Ydri, B	https://iopscience.iop.org/book/978-0-7503-1479-4	978-0-7503-1479-4	10.1088/2053-2563/ab0547	Quantum science	May-19
67	A Modern Course in Quantum Field Theory, Volume 2 — Advanced topics	Ydri, B	https://iopscience.iop.org/book/978-0-7503-1483-1	978-0-7503-1483-1	10.1088/2053-2563/ab0548	Quantum science	May-19
68	Quantum Mechanics: Lecture notes	Likharev, K K	https://iopscience.iop.org/book/978-0-7503-1410-7	978-0-7503-1410-7	10.1088/2053-2563/aaf3a3	Quantum science	May-19
69	Quantum Mechanics: Problems with solutions	Likharev, K K	https://iopscience.iop.org/book/978-0-7503-1410-7	978-0-7503-1413-8	10.1088/2053-2563/aaf3a6	Quantum science	May-19
70	Laser Safety — Practical knowledge and solutions	Barat CLSO, K	https://iopscience.iop.org/book/978-0-7503-1692-7	978-0-7503-1692-7	10.1088/2053-2563/ab0f25	Optics and photonics	Jun-19
71	Statistical Mechanics: Lecture notes	Likharev, K K	https://iopscience.iop.org/book/978-0-7503-1416-9	978-0-7503-1416-9	10.1088/2053-2563/aaf503	Classical physics	Jul-19
72	Statistical Mechanics: Problems with solutions	Likharev, K K	https://iopscience.iop.org/book/978-0-7503-1419-0	978-0-7503-1419-0	10.1088/2053-2563/aaf504	Classical physics	Jul-19
73	Lectures on the Physics of Extreme States of Matter	Fortov, V E	https://iopscience.iop.org/book/978-0-7503-2128-0	978-0-7503-2128-0	10.1088/2053-2563/ab1091	Condensed matter	Aug-19
74	Experimental Particle Physics — Understanding the measurements and searches at the Large Hadron Collider	Kar, D	https://iopscience.iop.org/book/978-0-7503-2112-9	978-0-7503-2112-9	10.1088/2053-2563/ab1be6	Particle and nuclear physics	Aug-19
75	Atomic and Molecular Physics — A primer	Colombo, P L	https://iopscience.iop.org/book/978-0-7503-2260-7	978-0-7503-2260-7	10.1088/2053-2563/ab2df2	Atomic and molecular physics	Sep-19
76	Characterisation Methods in Solid State and Materials Science	Morrison, K	https://iopscience.iop.org/book/978-0-7503-1383-4	978-0-7503-1383-4	10.1088/2053-2563/ab2df5	Materials	Oct-19
77	Electromagnetic Waves and Lasers (Second Edition)	Kimura, W D	https://iopscience.iop.org/book/978-0-7503-3523-2	978-0-7503-3523-2	10.1088/978-0-7503-3523-2	Optics and photonics	Nov-20
78	Emerging Laser Technologies for High-Power and Ultrafast Science	Légaré, F o	https://iopscience.iop.org/book/978-0-7503-2536-3	978-0-7503-2536-3	10.1088/978-0-7503-2536-3	Optics and photonics	Jul-21
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80	Molecular Theory of Electric Double Layers	Petsev, D N	https://iopscience.iop.org/book/978-0-7503-2276-8	978-0-7503-2276-8	10.1088/978-0-7503-2276-8	Materials	Oct-21
81	Turbulence and Instabilities in Magnetised Plasmas, Volume 2 — Gyrokinetic theory and gyrofluid turbulence	Scott, B	https://iopscience.iop.org/book/978-0-7503-3855-4	978-0-7503-3855-4	10.1088/978-0-7503-3855-4	Plasmas	Nov-21
82	Simulation of Complex Systems	Volpe, P G	https://iopscience.iop.org/book/978-0-7503-3843-1	978-0-7503-3843-1	10.1088/978-0-7503-3843-1	Mathematics and computation	Dec-21
83	Understanding Stellar Evolution	Lamers, H J G L M	https://iopscience.iop.org/book/978-0-7503-1278-3	978-0-7503-1278-3	10.1088/978-0-7503-1278-3	AAS: Stars and Stellar Physics	Dec-17
84	Astrophysics of Red Supergiants	Levesque, E M	https://iopscience.iop.org/book/978-0-7503-1329-2	978-0-7503-1329-2	10.1088/978-0-7503-1329-2	AAS: Stars and Stellar Physics	Dec-17
85	Hubble Deep Field and the Distant Universe	Williams, P R	https://iopscience.iop.org/book/978-0-7503-1756-6	978-0-7503-1756-6	10.1088/978-0-7503-1756-6	AAS: Education, Outreach and Heritage	Sep-18
86	Creating the Molecules of Life	Boyd, P D R N	https://iopscience.iop.org/book/978-0-7503-1993-5	978-0-7503-1993-5	10.1088/978-0-7503-1993-5	AAS: The Solar System, Exoplanets, and Astrobiology	Oct-18
87	Simulating Large-Scale Structure for Models of Cosmic Acceleration	Li, B	https://iopscience.iop.org/book/978-0-7503-1587-6	978-0-7503-1587-6	10.1088/978-0-7503-1587-6	AAS: Galaxies and Cosmology	Oct-18
88	Astrophysical Recipes — The art of AMUSE	Portegies Zwart, S	https://iopscience.iop.org/book/978-0-7503-1320-9	978-0-7503-1320-9	10.1088/978-0-7503-1320-9	AAS: Instrumentation, Software, Laboratory Astrophysics, and Data	Dec-18

89	Gamma-Ray Bursts	Levan, A	https://iopscience.iop.org/book/978-0-7503-1502-9	978-0-7503-1502-9	10.1088/2514-3433/aae164	AAS: High-energy Phenomena and Fundamental Physics	Dec-18
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94	Astronomy Education Volume 1 — Evidence-based instruction for introductory courses	Impey, C	https://iopscience.iop.org/book/978-0-7503-1723-8	978-0-7503-1723-8	10.1088/2514-3433/ab2b42	AAS: Education, Outreach and Heritage	Nov-19
95	Extreme Solar Particle Storms — The hostile Sun	Miyake, P F	https://iopscience.iop.org/book/978-0-7503-2232-4	978-0-7503-2232-4	10.1088/2514-3433/ab404a	AAS: The Sun and the Heliosphere	Dec-19
96	The Cosmic 21-cm Revolution — Charting the first billion years of our universe	Mesinger, P A	https://iopscience.iop.org/book/978-0-7503-2236-2	978-0-7503-2236-2	10.1088/2514-3433/ab4a73	AAS: Galaxies and Cosmology	Dec-19
97	The Doppler Method for the Detection of Exoplanets	Hatzes, P A	https://iopscience.iop.org/book/978-0-7503-1689-7	978-0-7503-1689-7	10.1088/2514-3433/ab46a3	AAS: The Solar System, Exoplanets, and Astrobiology	Dec-19
98	The Chandra X-ray Observatory — Exploring the high energy universe	Wilkes, D B J	https://iopscience.iop.org/book/978-0-7503-2163-1	978-0-7503-2163-1	10.1088/2514-3433/ab43dc	AAS: High-energy Phenomena and Fundamental Physics	Dec-19
99	Life With Hubble — An insider's view of the world's most famous telescope	Leckrone, D D S	https://iopscience.iop.org/book/978-0-7503-2038-2	978-0-7503-2038-2	10.1088/2514-3433/ab8ad0	AAS: Education, Outreach and Heritage	Jul-20
100	Essentials of Nucleosynthesis and Theoretical Nuclear Astrophysics	Rauscher, T	https://iopscience.iop.org/book/978-0-7503-1149-6	978-0-7503-1149-6	10.1088/2514-3433/ab8737	AAS: High-energy Phenomena and Fundamental Physics	Jul-20
101	The NASA Kepler Mission	Howell, S B	https://iopscience.iop.org/book/978-0-7503-2296-6	978-0-7503-2296-6	10.1088/2514-3433/ab9823	AAS: The Solar System, Exoplanets, and Astrobiology	Sep-20
102	Foundations of Quantum Cosmology	Bojowald, M	https://iopscience.iop.org/book/978-0-7503-2460-1	978-0-7503-2460-1	10.1088/2514-3433/ab9c98	AAS: Galaxies and Cosmology	Sep-20
103	Seeing the Unseen — Mount Wilson's role in high angular resolution astronomy	McAlister, H A	https://iopscience.iop.org/book/978-0-7503-2208-9	978-0-7503-2208-9	10.1088/2514-3433/abb4de	AAS: Education, Outreach and Heritage	Nov-20
104	Common Envelope Evolution	Ivanova, N	https://iopscience.iop.org/book/978-0-7503-1563-0	978-0-7503-1563-0	10.1088/2514-3433/abb6f0	AAS: Stars and Stellar Physics	Dec-20
105	Introductory Notes on Planetary Science — The solar system, exoplanets and planet formation	Salyk, P C	https://iopscience.iop.org/book/978-0-7503-2212-6	978-0-7503-2212-6	10.1088/2514-3433/abb198	AAS: The Solar System, Exoplanets, and Astrobiology	Dec-20
106	Elementary Cosmology (Second Edition) — From Aristotle's universe to the Big Bang and beyond	Kolata, J J	https://iopscience.iop.org/book/978-0-7503-3615-4	978-0-7503-3615-4	10.1088/2514-3433/abbd4b	AAS: Galaxies and Cosmology	Dec-20
107	Astronomy Education, Volume 2 — Best practices for online learning environments	Impey, C	https://iopscience.iop.org/book/978-0-7503-1719-1	978-0-7503-1719-1	10.1088/2514-3433/abb3dd	AAS: Education, Outreach and Heritage	Dec-20
108	Planetary Diversity — Rocky planet processes and their observational signatures	Tasker, D E J	https://iopscience.iop.org/book/978-0-7503-2140-2	978-0-7503-2140-2	10.1088/2514-3433/abb4d9	AAS: The Solar System, Exoplanets, and Astrobiology	Dec-20
109	Introduction to Stars and Planets — An activities-based exploration	Hirshfeld, A	https://iopscience.iop.org/book/978-0-7503-3691-8	978-0-7503-3691-8	10.1088/2514-3433/abc249	AAS: Stars and Stellar Physics	Dec-20
110	The Cosmic Evolution of Galaxy Structure	Conselice, C J	https://iopscience.iop.org/book/978-0-7503-2670-4	978-0-7503-2670-4	10.1088/2514-3433/abb602	AAS: Galaxies and Cosmology	Dec-20
111	Magnetic Fields in O, B, and A Stars	Hubrig, D S	https://iopscience.iop.org/book/978-0-7503-2392-5	978-0-7503-2392-5	10.1088/2514-3433/abefcc	AAS: Stars and Stellar Physics	Jun-21
112	Principles of Multimessenger Astronomy	Filipovic, P M	https://iopscience.iop.org/book/978-0-7503-2340-6	978-0-7503-2340-6	10.1088/2514-3433/ac087e	AAS: High-energy Phenomena and Fundamental Physics	Sep-21
113	ExoFrontiers — Big questions in exoplanetary science	Madhusudhan, N	https://iopscience.iop.org/book/978-0-7503-1472-5	978-0-7503-1472-5	10.1088/2514-3433/abfa8f	AAS: The Solar System, Exoplanets, and Astrobiology	Oct-21
114	Active Galactic Nuclei — Fueling and feedback	Combes, F o	https://iopscience.iop.org/book/978-0-7503-3035-0	978-0-7503-3035-0	10.1088/2514-3433/ac2a27	AAS: Galaxies and Cosmology	Dec-21

115	Planetary Habitability	Kane, P S R	https://iopscience.iop.org/book/978-0-7503-2120-4	978-0-7503-2120-4	10.1088/2514-3433/ac2aa1	AAS: The Solar System, Exoplanets, and Astrobiology	Dec-21
116	Introduction to Cellular Biophysics, Volume 1 — Membrane transport mechanisms	Kargol, A	https://iopscience.iop.org/book/978-1-64327-410-2	978-1-64327-410-2	10.1088/2053-2571/aaf86d	Medical physics and biophysics	Mar-19
117	Cold Plasma Cancer Therapy	Keidar, M	https://iopscience.iop.org/book/978-1-64327-434-8	978-1-64327-434-8	10.1088/2053-2571/aafb9c	Plasmas	Mar-19
118	B Factories	Golob, B	https://iopscience.iop.org/book/978-1-64327-252-8	978-1-64327-252-8	10.1088/2053-2571/ab00f7	Particle and nuclear physics	Apr-19
119	Can Physics Save Miami (and Shanghai and Venice, by Lowering the Sea)?	Wolf, E	https://iopscience.iop.org/book/978-1-64327-428-7	978-1-64327-428-7	10.1088/2053-2571/aafe76	Environment and energy	Apr-19
120	The Mössbauer Effect	Dunlap, R A	https://iopscience.iop.org/book/978-1-64327-482-9	978-1-64327-482-9	10.1088/2053-2571/ab0add	Atomic and molecular physics	Apr-19
121	Comets in the 21st Century — A personal guide to experiencing the next great comet!	Boice, D C	https://iopscience.iop.org/book/978-1-64327-446-1	978-1-64327-446-1	10.1088/2053-2571/ab027e	Astronomy and astrophysics	Apr-19
122	Topological Insulators	Kotetes, P	https://iopscience.iop.org/book/978-1-68174-517-6	978-1-68174-517-6	10.1088/978-1-68174-517-6	Materials	Apr-19
123	Maple — A primer	Liengme, B V	https://iopscience.iop.org/book/978-1-64327-488-1	978-1-64327-488-1	10.1088/2053-2571/ab0bb3	Mathematics and computation	May-19
124	On the Principle of Holographic Scaling — From college physics to black hole thermodynamics	Rodriguez, L	https://iopscience.iop.org/book/978-1-64327-476-8	978-1-64327-476-8	10.1088/2053-2571/ab06bd	Astronomy and astrophysics	May-19
125	The Physics of Emergence	Bishop, R C	https://iopscience.iop.org/book/978-1-64327-156-9	978-1-64327-156-9	10.1088/2053-2571/ab0b3a	Particle and nuclear physics	Jun-19
126	Stimuli-Responsive Polymers — Nano-dimension	Rabiee, N	https://iopscience.iop.org/book/978-1-64327-638-0	978-1-64327-638-0	10.1088/2053-2571/ab1342	Medical physics and biophysics	Jun-19
127	Leonhard Euler's Letters to a German Princess — A milestone in the history of physics textbooks and more	Calinger, R	https://iopscience.iop.org/book/978-1-64327-192-7	978-1-64327-192-7	10.1088/2053-2571/aae6d2	Culture, history and society	Jun-19
128	The Nuclear Nonproliferation Treaty	Davenport, K	https://iopscience.iop.org/book/978-1-68174-925-9	978-1-68174-925-9	10.1088/978-1-68174-925-9	Culture, history and society	Jul-19
129	Teaching Physics through Ancient Chinese Science and Technology	Marone, M	https://iopscience.iop.org/book/978-1-64327-458-4	978-1-64327-458-4	10.1088/2053-2571/ab03cb	Education and outreach	Jul-19
130	Outside the Research Lab, Volume 3 — Physics in sport	Holgate, S A	https://iopscience.iop.org/book/978-1-64327-670-0	978-1-64327-670-0	10.1088/2053-2571/ab2332	Culture, history and society	Jul-19
131	Run in the Light — Exploring exercise and photobiomodulation in Parkinson's disease	Mitrofanis, J	https://iopscience.iop.org/book/978-1-64327-720-2	978-1-64327-720-2	10.1088/2053-2571/ab2f70	Medical physics and biophysics	Aug-19

132	Open-Channel Microfluidics — Fundamentals and applications	Berthier, J	https://iopscience.iop.org/book/978-1-64327-664-9	978-1-64327-664-9	10.1088/2053-2571/ab21ca	Materials	Aug-19
133	Numerical Calculation for Physics Laboratory Projects Using Microsoft EXCEL®	Cho, S	https://iopscience.iop.org/book/978-1-64327-726-4	978-1-64327-726-4	10.1088/2053-2571/ab318f	Mathematics and computation	Oct-19
134	Mechanics of Biological Systems — Introduction to mechanobiology and experimental techniques	Park, S	https://iopscience.iop.org/book/978-1-64327-392-1	978-1-64327-392-1	10.1088/2053-2571/aaf579	Instrumentation and measurement	Nov-19
135	Resonant Tunneling Diode Photonics — Devices and applications	Ironside, C	https://iopscience.iop.org/book/978-1-64327-744-8	978-1-64327-744-8	10.1088/2053-2571/ab3a9a	Optics and photonics	Nov-19
136	A Modern Introduction to Neutrino Physics	Deppisch, F F	https://iopscience.iop.org/book/978-1-64327-680-9	978-1-64327-680-9	10.1088/2053-2571/ab21c9	Particle and nuclear physics	Nov-19
137	Investigative Science Learning Environment — When learning physics mirrors doing physics	Etkina, E	https://iopscience.iop.org/book/978-1-64327-780-6	978-1-64327-780-6	10.1088/2053-2571/ab3ebd	Education and outreach	Nov-19
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139	Measuring Nothing, Repeatedly — Null experiments in physics	Franklin, A	https://iopscience.iop.org/book/978-1-64327-738-7	978-1-64327-738-7	10.1088/2053-2571/ab3918	Instrumentation and measurement	Dec-19
140	Introduction to Cellular Biophysics, Volume 2 — From membrane transport to neural signalling	Kargol, A	https://iopscience.iop.org/book/978-1-64327-756-1	978-1-64327-756-1	10.1088/2053-2571/ab3a9c	Medical physics and biophysics	Dec-19
141	Multiscale Modeling of Vascular Dynamics of Micro- and Nano-particles — Application to drug delivery system	Ye, H	https://iopscience.iop.org/book/978-1-64327-792-9	978-1-64327-792-9	10.1088/2053-2571/ab4124	Medical physics and biophysics	Dec-19
142	The Globular Star Clusters of the Andromeda Galaxy	Sakari, C M	https://iopscience.iop.org/book/978-1-64327-750-9	978-1-64327-750-9	10.1088/2053-2571/ab39de	Astronomy and astrophysics	Dec-19
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144	Neurological Disorders and Imaging Physics, Volume 1 — Application of multiple sclerosis	Saba, L	https://iopscience.iop.org/book/978-0-7503-1759-7	978-0-7503-1759-7	10.1088/2053-2563/ab1fdc	Biomedical engineering	Oct-19
145	Renewables (Second Edition) — A review of sustainable energy supply options	Elliott, P D	https://iopscience.iop.org/book/978-0-7503-2304-8	978-0-7503-2304-8	10.1088/2053-2563/ab327f	Environment and energy	Oct-19
146	Problem-Based Approaches to Physics — Changing perspectives in higher education	Raine, P D J	https://iopscience.iop.org/book/978-0-7503-2224-9	978-0-7503-2224-9	10.1088/2053-2563/ab3803	Education and outreach	Oct-19
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148	The Mystery of Carbon — An introduction to carbon materials	Razeghi, M	https://iopscience.iop.org/book/978-0-7503-1182-3	978-0-7503-1182-3	10.1088/2053-2563/ab35d1	Condensed matter	Nov-19
149	Biophysical and Chemical Properties of Collagen: Biomedical Applications	Ramshaw, P J A M	https://iopscience.iop.org/book/978-0-7503-2096-2	978-0-7503-2096-2	10.1088/2053-2563/ab2c6b	Medical physics and biophysics	Nov-19
150	Numerical Modelling of Bulk Superconductor Magnetisation	Ainslie, D M	https://iopscience.iop.org/book/978-0-7503-1332-2	978-0-7503-1332-2	10.1088/978-0-7503-1332-2	Condensed matter	Nov-19
151	Quantum Mechanics of the Diatomic Molecule with Applications	Parigger, C G	https://iopscience.iop.org/book/978-0-7503-1989-8	978-0-7503-1989-8	10.1088/978-0-7503-1989-8	Quantum science	Nov-19

152	Visible Light Communications — Vehicular applications	Fernando, P X	https://iopscience.iop.org/book/978-0-7503-2284-3	978-0-7503-2284-3	10.1088/2053-2563/ab3eb0	Optics and photonics	Nov-19
153	Neurological Disorders and Imaging Physics, Volume 2 — Engineering and clinical perspectives of multiple sclerosis	El-Baz, A	https://iopscience.iop.org/book/978-0-7503-1762-7	978-0-7503-1762-7	10.1088/978-0-7503-1762-7	Biomedical engineering	Nov-19
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170	Optical Cryptosystems	Nishchal, N K	https://iopscience.iop.org/book/978-0-7503-2220-1	978-0-7503-2220-1	10.1088/978-0-7503-2220-1	Optics and photonics	Dec-19
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183	Cold Atoms and Molecules	Kajita, M	https://iopscience.iop.org/book/978-0-7503-3415-0	978-0-7503-3415-0	10.1088/978-0-7503-3415-0	Atomic and molecular physics	Jun-20
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