

Title	Author	Publisher	Edition	Year	OnlineURL
2D Materials for Energy Storage and Conversion	Pillai, Suresh C.; Ganguly, Priyanka;	IOP Publishing		2021	<a href="https://iopscience.iop.org/book/edit/978-0-7503-3319-1">https://iopscience.iop.org/book/edit/978-0-7503-3319-1</a>
A Practical Introduction to Beam Physics and Particle Accelerators	Bernal, Santiago;	IOP Publishing		2016	<a href="https://iopscience.iop.org/book/mono/978-1-6817-4076-8">https://iopscience.iop.org/book/mono/978-1-6817-4076-8</a>
A Tour of the Subatomic Zoo (Third edition): A guide to particle physics	Schwarz, Cindy;	IOP Publishing		2016	<a href="https://iopscience.iop.org/book/mono/978-1-6817-4421-6">https://iopscience.iop.org/book/mono/978-1-6817-4421-6</a>
AdS/CFT Correspondence in Condensed Matter	Pires, Antonio Sergio Teixeira;	IOP Publishing		2014	<a href="https://iopscience.iop.org/book/mono/978-1-627-05309-9">https://iopscience.iop.org/book/mono/978-1-627-05309-9</a>
Advanced Digital Imaging Laboratory Using MATLAB®	Yaroslavsky, Leonid P.;	IOP Publishing		2014	<a href="https://iopscience.iop.org/book/mono/978-0-750-31050-5">https://iopscience.iop.org/book/mono/978-0-750-31050-5</a>
Advanced Digital Imaging Laboratory Using MATLAB® (Second edition)	Yaroslavsky, Leonid P.;	IOP Publishing		2016	<a href="https://iopscience.iop.org/book/mono/978-0-7503-1233-2">https://iopscience.iop.org/book/mono/978-0-7503-1233-2</a>
Advanced Numerical and Theoretical Methods for Photonic Crystals and Metamaterials	Felbacq, Didier;	IOP Publishing		2016	<a href="https://iopscience.iop.org/book/mono/978-1-6817-4301-1">https://iopscience.iop.org/book/mono/978-1-6817-4301-1</a>
Advanced Solid State Theory	Pruschke, Thomas;	IOP Publishing		2014	<a href="https://iopscience.iop.org/book/mono/978-1-627-05328-0">https://iopscience.iop.org/book/mono/978-1-627-05328-0</a>
An Introduction to Elementary Particle Phenomenology	Ratcliffe, Philip G.;	IOP Publishing		2014	<a href="https://iopscience.iop.org/book/mono/978-0-7503-1072-7">https://iopscience.iop.org/book/mono/978-0-7503-1072-7</a>
An Introduction to Photonics and Laser Physics with Applications	Bisht, Prem B.;	IOP Publishing		2022	<a href="https://iopscience.iop.org/book/mono/978-0-7503-5226-0">https://iopscience.iop.org/book/mono/978-0-7503-5226-0</a>
An Introduction to Quantum Monte Carlo Methods	Pang, Tao;	IOP Publishing		2016	<a href="https://iopscience.iop.org/book/mono/978-1-6817-4109-3">https://iopscience.iop.org/book/mono/978-1-6817-4109-3</a>
An Introduction to Quantum Optics: An open systems approach	Rice, Perry;	IOP Publishing		2020	<a href="https://iopscience.iop.org/book/mono/978-0-7503-1713-9">https://iopscience.iop.org/book/mono/978-0-7503-1713-9</a>
An Introduction to Time-of-Flight Secondary Ion Mass Spectrometry (ToF-SIMS) and its Application to Materials Science	Fearn, Sarah;	IOP Publishing		2015	<a href="https://iopscience.iop.org/book/mono/978-1-6817-4088-1">https://iopscience.iop.org/book/mono/978-1-6817-4088-1</a>
Artificial Intelligence and Spectroscopic Techniques for Gemology Applications	Shukla, Ashutosh Kumar;	IOP Publishing		2022	<a href="https://iopscience.iop.org/book/edit/978-0-7503-3927-8">https://iopscience.iop.org/book/edit/978-0-7503-3927-8</a>
Artificial Intelligence in Cancer Diagnosis and Prognosis, Volume 1: Lung and kidney cancer	El-Baz, Ayman; Suri, Jasjit S.;	IOP Publishing		2022	<a href="https://iopscience.iop.org/book/edit/978-0-7503-3595-9">https://iopscience.iop.org/book/edit/978-0-7503-3595-9</a>
Artificial Intelligence in Radiation Therapy	Sumida, Iori;	IOP Publishing		2022	<a href="https://iopscience.iop.org/book/edit/978-0-7503-3339-9">https://iopscience.iop.org/book/edit/978-0-7503-3339-9</a>

Atomic Bomb: The Story of the Manhattan Project: How nuclear physics became a global geopolitical game-changer	Reed, Bruce Cameron;	IOP Publishing		2015	<a href="https://iopscience.iop.org/book/mono/978-1-6270-5991-6">https://iopscience.iop.org/book/mono/978-1-6270-5991-6</a>
Atoms and Photons and Quanta, Oh My!: Ask the physicist about atomic, nuclear, and quantum physics	Baker, F. Todd;	IOP Publishing		2015	<a href="https://iopscience.iop.org/book/mono/978-1-6270-5939-8">https://iopscience.iop.org/book/mono/978-1-6270-5939-8</a>
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Carbon Nanotubes in Drug and Gene Delivery	Karimi, Mahdi; Ghasemi, Amir; Mirkiani, Soroush; Basri, Seyed Masoud Moosavi; Hamblin, Michael R.;	IOP Publishing		2017	<a href="https://iopscience.iop.org/book/mono/978-1-6817-4261-8">https://iopscience.iop.org/book/mono/978-1-6817-4261-8</a>
Characterisation Methods in Solid State and Materials Science	Morrison, Kelly;	IOP Publishing		2019	<a href="https://iopscience.iop.org/book/mono/978-0-7503-1383-4">https://iopscience.iop.org/book/mono/978-0-7503-1383-4</a>
Classical Electrodynamics: Problems with solutions: Problems with solutions	Likharev, Konstantin K.;	IOP Publishing		2018	<a href="https://iopscience.iop.org/book/mono/978-0-7503-1407-7">https://iopscience.iop.org/book/mono/978-0-7503-1407-7</a>
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Classical Theory of Free-Electron Lasers: A text for students and researchers	Szarmes, Eric B.;	IOP Publishing		2014	<a href="https://iopscience.iop.org/book/mono/978-1-6270-5573-4">https://iopscience.iop.org/book/mono/978-1-6270-5573-4</a>
CMOS Image Sensors	Stefanov, Konstantin D.;	IOP Publishing		2022	<a href="https://iopscience.iop.org/book/mono/978-0-7503-3235-4">https://iopscience.iop.org/book/mono/978-0-7503-3235-4</a>

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Computational Approaches in Physics	Fyta, Maria;	IOP Publishing		2016	<a href="https://iopscience.iop.org/book/mono/978-1-6817-4417-9">https://iopscience.iop.org/book/mono/978-1-6817-4417-9</a>
Concepts and Applications of Nonlinear Terahertz Spectroscopy	Elsaesser, Thomas; Reimann, Klaus; Woerner, Michael;	IOP Publishing		2019	<a href="https://iopscience.iop.org/book/mono/978-1-64327-216-0">https://iopscience.iop.org/book/mono/978-1-64327-216-0</a>
Concepts in Physical Metallurgy: Concise lecture notes	Lavakumar, A.;	IOP Publishing		2017	<a href="https://iopscience.iop.org/book/mono/978-1-6817-4473-5">https://iopscience.iop.org/book/mono/978-1-6817-4473-5</a>
Confocal Microscopy	Liu, Jian; Tan, Jiubin;	IOP Publishing		2016	<a href="https://iopscience.iop.org/book/mono/978-1-6817-4337-0">https://iopscience.iop.org/book/mono/978-1-6817-4337-0</a>
Cryogenics: Fundamentals, foundations and applications	Bradshaw, Tom; Evans, Beth; Vandore, John;	IOP Publishing		2022	<a href="https://iopscience.iop.org/book/edit/978-0-7503-2757-2">https://iopscience.iop.org/book/edit/978-0-7503-2757-2</a>
Crystalline Solid State Physics: An interactive guide	Leek, Meng Lee;	IOP Publishing		2023	<a href="https://iopscience.iop.org/book/mono/978-0-7503-5217-8">https://iopscience.iop.org/book/mono/978-0-7503-5217-8</a>
Dark Matter in the Universe	Seigar, Marc S.;	IOP Publishing		2015	<a href="https://iopscience.iop.org/book/mono/978-1-6817-4118-5">https://iopscience.iop.org/book/mono/978-1-6817-4118-5</a>
Defining and Measuring Nature: The make of all things	Williams, Jeffrey H.;	IOP Publishing		2014	<a href="https://iopscience.iop.org/book/mono/978-1-627-05279-5">https://iopscience.iop.org/book/mono/978-1-627-05279-5</a>
Discrete Quantum Mechanics	Williams, H. Thomas;	IOP Publishing		2015	<a href="https://iopscience.iop.org/book/mono/978-1-6817-4125-3">https://iopscience.iop.org/book/mono/978-1-6817-4125-3</a>
Electrochemical Capacitors	Ma, Jianmin; Yang, Junliang;	IOP Publishing		2023	<a href="https://iopscience.iop.org/book/edit/978-0-7503-5042-6">https://iopscience.iop.org/book/edit/978-0-7503-5042-6</a>
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Electronic Structure of Organic Semiconductors: Polymers and small molecules	Alcácer, Luís;	IOP Publishing		2018	<a href="https://iopscience.iop.org/book/mono/978-1-64327-168-2">https://iopscience.iop.org/book/mono/978-1-64327-168-2</a>

Electronic Tongues: Fundamentals and recent advances	Shimizu, Flavio M.; Braunger, Maria L.; Riul, Antonio;	IOP Publishing		2021	<a href="https://iopscience.iop.org/book/edit/978-0-7503-3687-1">https://iopscience.iop.org/book/edit/978-0-7503-3687-1</a>
Electrostatic Phenomena on Planetary Surfaces	Calle, Carlos I.;	IOP Publishing		2017	<a href="https://iopscience.iop.org/book/mono/978-1-6817-4477-3">https://iopscience.iop.org/book/mono/978-1-6817-4477-3</a>
Electrostatics at the Molecular Level	Zürcher, Ulrich;	IOP Publishing		2018	<a href="https://iopscience.iop.org/book/mono/978-1-64327-186-6">https://iopscience.iop.org/book/mono/978-1-64327-186-6</a>
Elementary Cosmology: From Aristotle's Universe to the Big Bang and Beyond	Kolata, James J.;	IOP Publishing		2015	<a href="https://iopscience.iop.org/book/mono/978-1-6817-4100-0">https://iopscience.iop.org/book/mono/978-1-6817-4100-0</a>
Emerging Photovoltaic Technologies	Jean, Joel; Brown, Patrick Richard;	IOP Publishing		2020	<a href="https://iopscience.iop.org/book/mono/978-0-7503-2152-5">https://iopscience.iop.org/book/mono/978-0-7503-2152-5</a>
Energetics Science and Technology: An integrated approach	Cumming, Adam S.;	IOP Publishing		2022	<a href="https://iopscience.iop.org/book/edit/978-0-7503-3943-8">https://iopscience.iop.org/book/edit/978-0-7503-3943-8</a>
Essential Classical Mechanics for Device Physics	Levi, A. F. J.;	IOP Publishing		2016	<a href="https://iopscience.iop.org/book/mono/978-1-6817-4413-1">https://iopscience.iop.org/book/mono/978-1-6817-4413-1</a>
Essential Semiconductor Laser Device Physics	Levi, A. F. J.;	IOP Publishing		2018	<a href="https://iopscience.iop.org/book/mono/978-1-6432-7028-9">https://iopscience.iop.org/book/mono/978-1-6432-7028-9</a>
Flexible Electronics, Volume 1: Mechanical background, materials and manufacturing	Khanna, Vinod Kumar;	IOP Publishing		2019	<a href="https://iopscience.iop.org/book/mono/978-0-7503-1462-6">https://iopscience.iop.org/book/mono/978-0-7503-1462-6</a>
Flexible Electronics, Volume 2: Thin-film transistors	Khanna, Vinod Kumar;	IOP Publishing		2019	<a href="https://iopscience.iop.org/book/mono/978-0-7503-2453-3">https://iopscience.iop.org/book/mono/978-0-7503-2453-3</a>
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Fourier Transform and Its Applications Using Microsoft EXCEL®	Cho, Shinil;	IOP Publishing		2018	<a href="https://iopscience.iop.org/book/mono/978-1-64327-286-3">https://iopscience.iop.org/book/mono/978-1-64327-286-3</a>
From Newton to Einstein: Ask the physicist about mechanics and relativity	Baker, F. Todd;	IOP Publishing		2014	<a href="https://iopscience.iop.org/book/mono/978-1-6270-5497-3">https://iopscience.iop.org/book/mono/978-1-6270-5497-3</a>
Fundamentals of Quantum Entanglement	Duarte, F. J.;	IOP Publishing		2019	<a href="https://iopscience.iop.org/book/mono/978-0-7503-2228-7">https://iopscience.iop.org/book/mono/978-0-7503-2228-7</a>
Graphene Nanoribbons	Brey, Luis; Seneor, Pierre; Tejada, Antonio;	IOP Publishing		2019	<a href="https://iopscience.iop.org/book/edit/978-0-7503-1701-6">https://iopscience.iop.org/book/edit/978-0-7503-1701-6</a>
Graphene Optics: Electromagnetic Solution of Canonical Problems	Depine, Ricardo A.;	IOP Publishing		2016	<a href="https://iopscience.iop.org/book/mono/978-1-6817-4309-7">https://iopscience.iop.org/book/mono/978-1-6817-4309-7</a>

Guide Through the Nanocarbon Jungle: Buckyballs, nanotubes, graphene and beyond	Tománek, David;	IOP Publishing		2014	<a href="https://iopscience.iop.org/book/mono/978-1-627-05273-3">https://iopscience.iop.org/book/mono/978-1-627-05273-3</a>
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Key Nuclear Reaction Experiments: Discoveries and consequences	Schieck, Hans Paetzgen;	IOP Publishing		2015	<a href="https://iopscience.iop.org/book/mono/978-0-7503-1173-1">https://iopscience.iop.org/book/mono/978-0-7503-1173-1</a>
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Optical Sensors — An introduction with lab demonstrations	Argueta-Diaz, Victor ;	IOP Publishing		2023	<a href="https://iopscience.iop.org/book/mono/978-0-7503-4876-8">https://iopscience.iop.org/book/mono/978-0-7503-4876-8</a>
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