

Sl.No	Title	Author	Publisher	Year
1	Plasma Engineering	Michael Keidar and Isak I Beilis	Academic Press	2018
2	Advanced and emerging technologies in radiation oncology physics	Kim, Siyong, (Editor), Wong, John W., (Editor)	CRC press	2018
3	Nanotechnology in Agriculture and Food Science	Monique A. V. Axelos, Marcel Van de Voorde	wiley	2017
4	X-Rays in Nanoscience: Spectroscopy, Spectromicroscopy, and Scattering Techniques	JinghuaGuo	wiley	2011
5	Computational Methods for Large Systems: Electronic Structure Approaches for Biotechnology and Nanotechnology	Jeffrey R. Reimers	wiley	2011
6	Nanotechnology Commercialization: Manufacturing Processes and Products	Thomas O. Mensah, Ben Wang, Geoffrey Bothun, Jessica Winter, Virginia Davis	wiley	2017
7	Chemical Nanoscience and Nanotechnology: New Materials and Modern Techniques	Francisco Torrens, A. K. Haghi,	Apple Academic Press	2020
8	Frontiers of Surface-Enhanced Raman Scattering: Single Nanoparticles and Single Cells	Yukihiro Ozaki, KatrinKneipp, Ricardo Aroca	wiley	2014
9	Introduction to Materials Chemistry	Harry R. Allcock	wiley	2011
10	One-Dimensional Nanostructures: Principles and Applications	TianyouZhai, Jiannian Yao	wiley	2012
11	Surfaces and Interfaces of Electronic Materials	Leonard J. Brillson	wiley	2012
12	Engineering of Micro/Nano Biosystems	Barbillon, G., Bosseboeuf, A., Chun, K., Ferrigno, R., Français, O.	Springer	2020

13	Women in Nanotechnology	Norris, Pamela, Friedersdorf, Lisa E. (Eds.)	springer	2019
14	Nanoscience and Nanotechnology in Foods and Beverages	VellaichamyChelladurai, Digvir S. Jayas	CRC Press	2019
15	Polyurethane Insulation Foams for Energy and Sustainability	Burgaz, Engin	Springer	2019
16	Nanoscale Materials for Warfare Agent Detection: Nanoscience for Security	Bittencourt, Carla, Ewels, Chris, Llobet, Eduard (Eds.)	Springer	2019
17	Nanomaterials for Healthcare, Energy and Environment	Liu, Xiaoyi	Springer	2019
18	Nanomaterials for Eco-friendly Applications	Kopp Alves, Annelise (Ed.)	Springer	2019
19	Nanoscale Photonics and Optoelectronics	Zhiming M. Wang Arup Neogi	Springer	latest
20	Nanophotonics, Nanooptics, Nanobiotechnology, and Their Applications	Fesenko, Olena, Yatsenko, Leonid (Eds.)	Springer	2019
21	Thermoelectric Thin Films	Mele, P. (et al.) (Eds.)	Springer	2019
22	NanoelectronicMaterials	Madkour, Loutfy H.	Springer	2019
23	Bismuth-Containing Alloys and Nanostructures	Wang, Shumin, Lu, Pengfei (Eds.)	Springer	2019
24	Ferroelectric Crystals for Photonic Applications: Including Nanoscale	Pietro Ferraro, SimonettaGrilli, Paolo De Natale	Springer	2014
25	Non-equilibrium Many-body States in Carbon Nanotube Quantum	Hata, Tokuro	Springer	2019

	Dots			
26	Single-Walled Carbon Nanotubes	Li, Yan, Maruyama, Shigeo (Eds.)	Springer	2019
27	Nanomechanics in van der Waals Heterostructures	Holwill, Matthew	Springer	2019
28	Nanoporous Materials for Gas Storage	Kaneko, Katsumi, Rodríguez-Reinoso, Francisco (Eds.)	Springer	2019
29	Nanoelectronics and Photonics: From Atoms to Materials, Devices, and Architectures	AnatoliKorkin, Federico Rosei	Springer	2008
30	<u>Self-Healing Nanotextured Vascular Engineering Materials</u>	Yarin, A.L., Lee, M., An, S., Yoon, S.S	Springer	2019
31	Nanotechnology for Nucleic Acid Delivery	Ogris, Manfred, Sami, Haider (Eds.)	Springer	2019
32	Computational Continuum Mechanics of Nanoscopic Structures	Ghavanloo, Esmaeal, Raffi-Tabar, Hashem, Fazelzadeh, Seyed Ahmad	Springer	2019
33	Sustainable Polymer Composites and Nanocomposites	namuddin, Thomas, S., Kumar Mishra, R., Asiri, A.M. (Eds.)	Springer	2019
34	Nano-Energetic Materials	Bhattacharya, S., Agarwal, A.K., Rajagopalan, T., Patel, V.K. (Eds.)	Springer	2019
35	Micro and Nano Machining of Engineering Materials	Kumar, K., Zindani, D., Kumari, N., Davim, J.P. (Eds.)	Springer	2019
36	Electrical Properties of Indium Arsenide Nanowires and Their Field-Effect Transistors	Fu, Mengqi	Springer	2019
	Alkyne-Based Nanostructures on			

37	Silver Substrates	Hellwig, Raphael	Springer	2019
38	Silicene :Prediction, Synthesis, Application	Vogt, Patrick, Lay, Guy Le (Eds.)	Springer	2019
39	Properties of Synthetic Two-Dimensional Materials and Heterostructures	Lin, Yu-Chuan	Springer	2018
40	The Physics of Semiconductors: With Applications to Optoelectronic Devices	Kevin F. Brennan	Cambridge University Press	latest
41	Optoelectronics And Photonics: Principles And Practices	Safa O. Kasap	Pearson	latest
42	Modern Physics For Scientists And Engineers	Taylor & Zafiratos	Pearson	2018
43	CRC Handbook of Thermoelectrics	D.M. Rowe	CRC PRESS	latest
44	Mixed Metal Oxides Nanocomposites for Visible Light Induced Photocatalysis	R. Ajay Rakkesh D. Durgalakshmi S. Balakumar	Springer	2017
45	Design, Synthesis and Applications of One- Dimensional Chalcogenide Hetero- Nanostructures	Zhuang, Tao-Tao	springer	2018
46	Diatom nanotechnology : progress and emerging technology	Dusan Losic	London : Royal Society of Chemistry,	2018
47	Semiconductor nanowires - growth, physics, devices and applications	G. Koblmüller	Cambridge : Cambridge University Press	2015
48	Electrochemical Sensors, Biosensors and their Biomedical Applications	Xueji Zhang, Huangxian Ju, Joseph Wang	Elsevier	2015
49	Nanotechnology: Understanding Small Systems	Ben Rogers, Jesse Adams, Sumita Pennathur	CRC PRESS	2008

50	Perovskite Solar Cells: Technology and Practices	Kunwu Fu, Anita Wing Ho-Baillie, Hemant Kumar Mulmudi, Pham Thi Thu Trang	CRC PRESS	2019
51	Characterization Techniques for Perovskite Solar Cell Materials	MeysamPazoki, Anders Hagfeldt, Tomas Edvinsson	Elsevier Science	2019
52	Quantum Dot Solar Cells	Jiang Wu, Zhiming M. Wang	springer	2013
53	Electronic Properties of Materials: An Introduction for Engineers	Rolf E. Hummel	SPRINGER	LATEST
54	Basic Physics Of Nanoscience	Wolfram Schommers	Elsevier	2018
55	Nanoceramics in clinical Use	Maria Vallet- Regi and Daniel Arcos Navarrete	Royal Society of Chemistry	2016
56	Nanodiamond	Oliver A Williams	Royal Society of Chemistry	2014
57	Mathematics and Physics for Nanotechnology	Paolo Di Sia	De Gruyter	2019
58	Advanced Thermoelectronics	RenLan Zhang	CRC	2018
59	Silicon Nanomaterials Sourcebook Vol.I and Vol.II	Sattler	CRC	2018
60	Nanomaterials for Solar Cell Applications	Sabu Thomas, El HadjiMamour	Elsevier	2019
61	Colloidal Quantum Dot Optoelectronics and Photovoltaics	GerasimosKonstantatos, Edward H. Sargent	Cambridge University Press	2013
62	Solar Light Harvesting with Nanocrystalline Semiconductors	OleksandrStroyuk	Springer	2018
63	Large Area and Flexible Electronics	Mario Caironi, Yong-Young Noh	Wiley	latest
64	Transparent Electronics: From Synthesis to Applications	Antonio Facchetti, Tobin Marks	Wiley	2010
65	Low-cost Nanomaterials: Toward Greener and More Efficient Energy Applications	Zhiqun Lin, Jun Wang	Springer	2014
66	Phosphors, Up Conversion Nano Particles, Quantum Dots and Their ..., Volume 1	Ru-Shi Liu	Springer	2016
67	Transparent Conductive Zinc Oxide: Basics and Applications in Thin Film	Klaus Ellmer, Andreas Klein, Bernd Rech	Springer	2018

68	Micro and Nanomachining Technology-Size, Model and Complex Mechanism	Xuesong Han	Bentham Science Publishers	latest
69	Comprehensive nanoscience and technology / [electronic resource]	David Andrews, Gregory Scholes, Gary Wiederrecht.	Amsterdam	2010
70	Astrophysics	Meeks, M L	Academic Press	latest
71	Dynamic scattering: with applications to chemistry, biology and physics	Berne, Bruce J Pecora, Robert	NY, John Wiley	latest
72	Biophysics	Ehrenstein, Gerald; Ed Lecar, Harold; Ed	Academic press	latest
73	Maya in physics	Panda, N C	MotilalBanarsidass	latest
74	The Tao of physics: an exploration of the parallels between modern physics and Eastern mysticism	Capra, Fritjof	Flamingo	latest
75	Fourier transforms in physics	Champeney, D C	Wiley Eastern	latest
76	Quantum Hectrostructures: Microelectronics and optoelectronics	Mitin,Vladimir R	Cambridge	latest
77	Optical physics	Lipson, H Lipson, S G Tannhauser, D S	Cambridge	1998
78	Electronic Properties of Materials, 3RD ED.	Rolf E. Hummel	Springer	2001
79	Photonic and Electronic Properties of Fluoride Materials	Alain Tressaud, Kenneth R. Poepelmeier	Elsevier	2016
80	Semiconductor Nanostructures for Optoelectronic Applications	Todd D. Steiner	Artech house	2004
81	Optoelectronic Devices: Advanced Simulation and Analysis	Joachim Piprek	Springer	2005
82	Ultrafast Photonics	A. Miller, D.T. Reid, D.M. Finlayson	SUSSP Publications	2019
83	Micro- and Opto-Electronic	Ephraim Suhir, Y.C.	Springer	2007

	Materials and Structures: Physics, Mechanics, Design, Reliability, Packaging , Vol.1	Lee, C.P. Wong		
84	Computational Nanoscience Applications for Molecules, Clusters, and Solids	KálmánVarga, Joseph A. Driscoll	Cambridge	2011
85	Quantum Transport Introduction to Nanoscience	Yuli V. Nazarov, Yaroslav M. Blanter	Cambridge	2011
86	Nanotechnology and Development What's in it for Emerging Countries?	Shyama V. Ramani	Cambridge	2014
87	Raman Spectroscopy and its Application in Nanostructures	Shu-Lin Zhang	Wiley	2012
88	Foundations for Nanoscience and Nanotechnology	Nils O. Petersen	CRC Press	2017
89	Introduction to Nanoscience and Nanomaterials	Dinesh C Agrawal	World Scientific, London	2013
90	Advances in Phytonanotechnology: From Synthesis to Application	Mansour Ghorbanpour, ShabirHussainWani	AP Academic Press	2019
91	Basic Physics of Nanoscience: Traditional Approaches and New Aspects at the Ultimate Level.	Wolfram Schommers	Elsevier	2019
92	Nanoscience and Nanotechnology: Advances and Developments in Nano-sized Materials	Marcel Van de Voorde	De Gruyter	2018
93	An Introduction to Green Nanotechnology	Mahmoud Nasrollahzadeh, Mohammad S. Sajadi, MonirehAtarod, MohaddesehSajjadi, Zahra Isaabadi	AP Academic Press	2019
94	GATE Physics 2020 Seventeenth Edition		G.K.PUB	2019
95	Cengage Physics For JEE (ADVANCE) Set Of 6 Books (Mechanics-Vol- 1 & 2, Optics &	B.M. SHARMA	Cengage Learning	LATEST

	Modern Physics, Waves & Thermodynamics, Electrostatics & Current Electricity, Magnetism & Electromagnetics Induction)			
96	Basics Of Nano Physics	Singh G P	Anmol	2011
97	Nanoscience and Nanotechnology in Engineering	Vijay K Varadan AND A Sivathanu Pillai	World scientific	latest
98	Nanophase Materials: Synthesis, properties and Applications	Hdjipanayis, G C and Sigel, R W	Kluwer Academic Publishers	1994
99	Statistical Methods	Yogish S N	Mangal Deep Publications	2007
100	Graduate Research: A guide for students in the Sciences	Smith R V	Univ. Washington Press	2009
101	Research Methodology	Kothari C R	New Age Intl	Latest