

Shikha Gupta

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

133
citations

1307594

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1281871

11
g-index

19
all docs

19
docs citations

19
times ranked

123
citing authors

#	ARTICLE	IF	CITATIONS
1	Laser induced changes on a-Ga ₅₀ Se ₅₀ thin films. Journal Physics D: Applied Physics, 2009, 42, 185404.	2.8	27
2	Effect of indium concentration on the electrical properties of InSe alloy. Physica B: Condensed Matter, 2010, 405, 4087-4091.	2.7	18
3	PEGylation of CdSe/ZnS core/shell nanoparticles and its behavior at different pH. Journal of Luminescence, 2017, 181, 459-466.	3.1	15
4	Rapid green-synthesis of TiO ₂ nanoparticles for therapeutic applications. RSC Advances, 2021, 11, 30343-30352.	3.6	15
5	Characteristics and mechanism associated with drug conjugated inorganic nanoparticles. Journal of Drug Targeting, 2019, 27, 813-829.	4.4	14
6	Temperature dependence of the energy gap, refractive index and optical oscillator parameters of amorphous Ga _x Se _{1-x} (x = 0.4, 0.5, 0.6) thin films. Physica Status Solidi C: Current Topics in Solid State Physics, 2009, 6, S135.	0.8	11
7	Pegylated CdSe/ZnS core/shell nanoparticles for controlled drug release. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2019, 243, 115-124.	3.5	9
8	In-vitro pH-responsive release of imatinib from iron-supplement coated anatase TiO ₂ nanoparticles. Scientific Reports, 2022, 12, 4600.	3.3	5
9	Luminescent core@shell nanoparticles functionalized with PEG for biological applications. Colloid and Polymer Science, 2019, 297, 603-611.	2.1	4
10	Investigating TiO ₂ at two different calcination temperatures. AIP Conference Proceedings, 2020, , .	0.4	4
11	Light, annealing and plasma induced changes on the electrical properties of a-GaSe thin films. Applied Physics A: Materials Science and Processing, 2011, 103, 477-483.	2.3	3
12	Conjugation of antioxidant molecule to PEGylated NPs for pH dependent drug release. Materials Research Bulletin, 2018, 105, 1-12.	5.2	3
13	Photodarkening Effect in a-(GaSe) ₉₀ Ag ₁₀ Thin Films. , 2011, , .		1
14	Non-Ideal p-n junction Diode of Sb _x Se _{1-x} (x=0.4, 0.5, 0.6, 0.7) Thin Films. , 2011, , .		1
15	pH dependent conjugation of Ibuprofen to PEGylated nanoparticles. AIP Conference Proceedings, 2018, , .	0.4	1
16	Interaction of TGA with CdSe nanoparticles. AIP Conference Proceedings, 2018, , .	0.4	1
17	Synthesis and characterization of CdSe/ZnS quantum dots conjugated with poly (ethylene glycol) diamine. AIP Conference Proceedings, 2015, , .	0.4	1
18	Energy gap variation by addition of Ag in (In ₅₀ Se ₅₀) _{100-x} Ag _x (x=0,0.5,10) thin films. , 2013, , .		0

