

# Shikha Gupta

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

133  
citations

1306789

7  
h-index

1281420

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 <sub>50</sub> Se <sub>50</sub> thin films. Journal Physics D: Applied Physics, 2009, 42, 185404.	1.3	27
2	Effect of indium concentration on the electrical properties of InSe alloy. Physica B: Condensed Matter, 2010, 405, 4087-4091.	1.3	18
3	PEGylation of CdSe/ZnS core/shell nanoparticles and its behavior at different pH. Journal of Luminescence, 2017, 181, 459-466.	1.5	15
4	Rapid green-synthesis of TiO <sub>2</sub> nanoparticles for therapeutic applications. RSC Advances, 2021, 11, 30343-30352.	1.7	15
5	Characteristics and mechanism associated with drug conjugated inorganic nanoparticles. Journal of Drug Targeting, 2019, 27, 813-829.	2.1	14
6	Temperature dependence of the energy gap, refractive index and optical oscillator parameters of amorphous Ga <sub>x</sub> Se <sub>1-x</sub> (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.	1.7	9
8	In-vitro pH-responsive release of imatinib from iron-supplement coated anatase TiO <sub>2</sub> nanoparticles. Scientific Reports, 2022, 12, 4600.	1.6	5
9	Luminescent core@shell nanoparticles functionalized with PEG for biological applications. Colloid and Polymer Science, 2019, 297, 603-611.	1.0	4
10	Investigating TiO <sub>2</sub> at two different calcination temperatures. AIP Conference Proceedings, 2020, , .	0.3	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.	1.1	3
12	Conjugation of antioxidant molecule to PEGylated NPs for pH dependent drug release. Materials Research Bulletin, 2018, 105, 1-12.	2.7	3
13	Photodarkening Effect in a-(GaSe) <sub>90</sub> Ag <sub>10</sub> Thin Films. , 2011, , .		1
14	Non-Ideal p-n junction Diode of Sb <sub>x</sub> Se <sub>1-x</sub> (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, , .	0.3	1
16	Interaction of TGA with CdSe nanoparticles. AIP Conference Proceedings, 2018, , .	0.3	1
17	Synthesis and characterization of CdSe/ZnS quantum dots conjugated with poly (ethylene glycol) diamine. AIP Conference Proceedings, 2015, , .	0.3	1
18	Energy gap variation by addition of Ag in (In <sub>50</sub> Se <sub>50</sub> ) <sub>100-x</sub> Ag <sub>x</sub> (x=0,0.5,10) thin films. , 2013, , .		0

#	ARTICLE	IF	CITATIONS
19	Variation of Mott parameters by chemical modification of $(\text{In}_{0.5}\text{Se}_{0.5})_{0.9}\text{M}_{0.1}$ (M = Tl, Pb, Sn, Bi, Sb, As, Te, Se, S, Te, Se, S)	0.7843	14