

Ajaib Singh

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

159
citations

1307366

7
h-index

1199470

12
g-index

12
all docs

12
docs citations

12
times ranked

265
citing authors

#	ARTICLE	IF	CITATIONS
1	Confinement induced variation of composition ratio in amorphous silicon carbide thin films and effect in optical properties. <i>Journal of Non-Crystalline Solids</i> , 2020, 536, 120009.	1.5	9
2	Dual ion beam grown silicon carbide thin films: Variation of refractive index and bandgap with film thickness. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2019, 37, 041802.	0.6	4
3	An efficient pH sensitive hydrogel, with biocompatibility and high reusability for removal of methylene blue dye from aqueous solution. <i>Reactive and Functional Polymers</i> , 2019, 144, 104346.	2.0	34
4	Structure and morphology of atomic layer deposition grown ZnO thin film/nanostructure on polymeric template. <i>Materials Today: Proceedings</i> , 2019, 18, 1517-1523.	0.9	3
5	Near room temperature atomic layer deposition of ZnO thin films on poly (methyl methacrylate) (PMMA) templates: A study of structure, morphology and photoluminescence of ZnO as an effect of template confinement. <i>Vacuum</i> , 2019, 161, 398-403.	1.6	11
6	Violet Emission of ALD Grown ZnO Nanostructures on Confined Polymer Films: Defect Origins and Emission Control via Interface Engineering Based on Confinement of the Bottom Polymer Template. <i>Macromolecular Chemistry and Physics</i> , 2019, 220, 1800435.	1.1	2
7	Photoluminescence of Atomic Layer Deposition Grown ZnO Nanostructures. <i>Materials Today: Proceedings</i> , 2018, 5, 9965-9971.	0.9	5
8	Binder Free ZnO Cathode synthesized via ALD by Direct Growth of Hierarchical ZnO Nanostructure on Current Collector for High Performance Rechargeable Aluminium Ion Batteries. <i>ChemistrySelect</i> , 2018, 3, 12512-12523.	0.7	14
9	Structure and morphology of magnetron sputter deposited ultrathin ZnO films on confined polymeric template. <i>Applied Surface Science</i> , 2017, 414, 114-123.	3.1	18
10	Tunable optical properties in atomic layer deposition grown ZnO thin films. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2017, 35, .	0.9	24
11	Effect of substrates and thickness on optical properties in atomic layer deposition grown ZnO thin films. <i>Applied Surface Science</i> , 2017, 421, 341-348.	3.1	26
12	High Efficiency Epitaxial Graphene/Silicon Carbide Photocatalyst with Tunable Photocatalytic Activity and Bandgap Narrowing. <i>Advanced Materials Interfaces</i> , 2016, 3, 1600413.	1.9	9