

# Ajaib Singh

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7355846/publications.pdf>

Version: 2024-02-01

12  
papers

159  
citations

1306789

7  
h-index

1199166

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

265  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	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
6	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
7	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
8	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
9	Photoluminescence of Atomic Layer Deposition Grown ZnO Nanostructures. <i>Materials Today: Proceedings</i> , 2018, 5, 9965-9971.	0.9	5
10	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
11	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
12	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