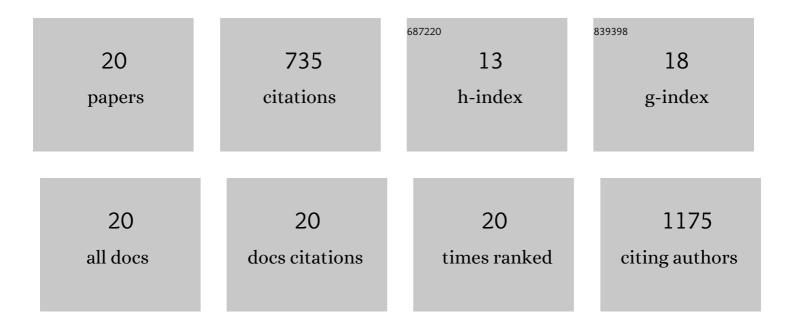
Jyoti Prakash Kar

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/11967803/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Fabrication and Characterization of ZnO Single Nanowire-Based Hydrogen Sensor. Journal of Physical Chemistry C, 2010, 114, 1689-1693.	1.5	150
2	ZnO single nanowire-based UV detectors. Applied Physics Letters, 2010, 97, .	1.5	111
3	Biomimetic hierarchical ZnO structure with superhydrophobic and antireflective properties. Journal of Colloid and Interface Science, 2010, 350, 344-347.	5.0	76
4	A multifunctional nanoporous layer created on glass through a simple alkali corrosion process. Journal of Materials Chemistry, 2010, 20, 10246.	6.7	67
5	Junction properties of Au/ZnO single nanowire Schottky diode. Applied Physics Letters, 2010, 96, .	1.5	59
6	Fabrication of p-type ZnO nanowires based heterojunction diode. Materials Chemistry and Physics, 2010, 121, 472-476.	2.0	54
7	Fabrication and characterization of p-Si nanowires/ZnO film heterojunction diode. Solid-State Electronics, 2010, 54, 1582-1585.	0.8	39
8	Random network transistor arrays of embedded ZnO nanorods in ion-gel gate dielectric. Journal of Materials Chemistry, 2010, 20, 7393.	6.7	34
9	Programmable Direct-Printing Nanowire Electronic Components. Nano Letters, 2010, 10, 1016-1021.	4.5	27
10	Electrical Contact Tunable Direct Printing Route for a ZnO Nanowire Schottky Diode. Nano Letters, 2010, 10, 3517-3523.	4.5	23
11	Influence of surface morphology on the optical property of vertically aligned ZnO nanorods. Applied Physics Letters, 2009, 95, .	1.5	18
12	Origin of p-type conductivity for N-doped ZnO nanostructure synthesized by MOCVD method. Materials Letters, 2015, 161, 701-704.	1.3	18
13	One-Dimensional Semiconductor Nanostructure Based Thin-Film Partial Composite Formed by Transfer Implantation for High-Performance Flexible and Printable Electronics at Low Temperature. ACS Nano, 2011, 5, 159-164.	7.3	14
14	Fabrication of As-doped p-type ZnO thin film and ZnO nanowire inserted p–n homojunction structure. Applied Physics A: Materials Science and Processing, 2009, 97, 689-692.	1.1	12
15	Enhanced Performance of ZnO Nanocomposite Transistor by Simple Mechanical Compression. Journal of Physical Chemistry C, 2009, 113, 5010-5013.	1.5	11
16	Modulation of microstructural and electrical properties of rapid thermally synthesized MoS2 thin films by the flow of H2 gas. Superlattices and Microstructures, 2020, 145, 106598.	1.4	10
17	Performance Enhanced Carbon Nanotube Films by Mechanical Pressure for a Transparent Metal Oxide Thin Film Field Effect Transistor. Electrochemical and Solid-State Letters, 2011, 14, H76.	2.2	9
18	Fabrication and Characterization of Vertically Aligned Long ZnO Nanorods on Transparent Substrate. Journal of Nanoscience and Nanotechnology, 2011, 11, 2185-2190.	0.9	3

#	Article	IF	CITATIONS
19	Impact of H 2 gas on the properties of MoS 2 thin films deposited by sulfurization of Mo thin films. Micro and Nano Letters, 2021, 16, 525-532.	0.6	0
20	Variation in The Electronic and Microstructural Properties of Benzyl Viologen Treated MoS2/Si Heterojunction. , 2021, , .		0