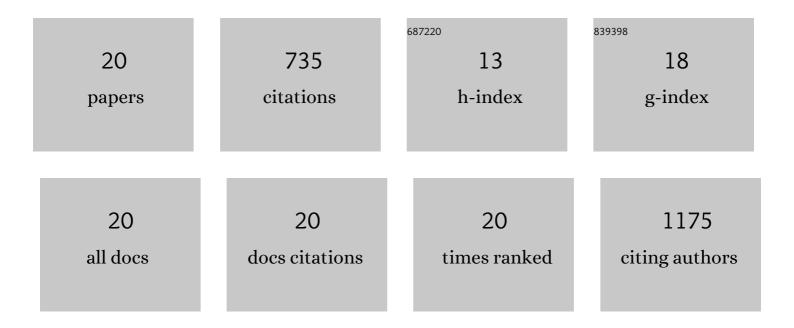
Jyoti Prakash Kar

List of Publications by Year in descending order

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#	Article	lF	CITATIONS
1	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	Ο
2	Variation in The Electronic and Microstructural Properties of Benzyl Viologen Treated MoS2/Si Heterojunction. , 2021, , .		0
3	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
4	Origin of p-type conductivity for N-doped ZnO nanostructure synthesized by MOCVD method. Materials Letters, 2015, 161, 701-704.	1.3	18
5	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
6	Fabrication and Characterization of Vertically Aligned Long ZnO Nanorods on Transparent Substrate. Journal of Nanoscience and Nanotechnology, 2011, 11, 2185-2190.	0.9	3
7	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
8	Fabrication of p-type ZnO nanowires based heterojunction diode. Materials Chemistry and Physics, 2010, 121, 472-476.	2.0	54
9	Biomimetic hierarchical ZnO structure with superhydrophobic and antireflective properties. Journal of Colloid and Interface Science, 2010, 350, 344-347.	5.0	76
10	Fabrication and characterization of p-Si nanowires/ZnO film heterojunction diode. Solid-State Electronics, 2010, 54, 1582-1585.	0.8	39
11	ZnO single nanowire-based UV detectors. Applied Physics Letters, 2010, 97, .	1.5	111
12	A multifunctional nanoporous layer created on glass through a simple alkali corrosion process. Journal of Materials Chemistry, 2010, 20, 10246.	6.7	67
13	Fabrication and Characterization of ZnO Single Nanowire-Based Hydrogen Sensor. Journal of Physical Chemistry C, 2010, 114, 1689-1693.	1.5	150
14	Programmable Direct-Printing Nanowire Electronic Components. Nano Letters, 2010, 10, 1016-1021.	4.5	27
15	Electrical Contact Tunable Direct Printing Route for a ZnO Nanowire Schottky Diode. Nano Letters, 2010, 10, 3517-3523.	4.5	23
16	Junction properties of Au/ZnO single nanowire Schottky diode. Applied Physics Letters, 2010, 96, .	1.5	59
17	Random network transistor arrays of embedded ZnO nanorods in ion-gel gate dielectric. Journal of Materials Chemistry, 2010, 20, 7393.	6.7	34
18	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

#	Article	IF	CITATIONS
19	Influence of surface morphology on the optical property of vertically aligned ZnO nanorods. Applied Physics Letters, 2009, 95, .	1.5	18
20	Enhanced Performance of ZnO Nanocomposite Transistor by Simple Mechanical Compression. Journal of Physical Chemistry C, 2009, 113, 5010-5013.	1.5	11