

Bhupendra K Sharma

List of Publications by Year in descending order

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papers

2,544
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304743

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28
all docs

28
docs citations

28
times ranked

4800
citing authors

#	ARTICLE	IF	CITATIONS
1	Stretchable Electroluminescent Display Enabled by Graphene-Based Hybrid Electrode. ACS Applied Materials & Interfaces, 2019, 11, 14222-14228.	8.0	69
2	Flexible active-matrix organic light-emitting diode display enabled by MoS ₂ thin-film transistor. Science Advances, 2018, 4, eaas8721.	10.3	163
3	Two-dimensional materials in functional three-dimensional architectures with applications in photodetection and imaging. Nature Communications, 2018, 9, 1417.	12.8	189
4	Graphene-based flexible and wearable electronics. Journal of Semiconductors, 2018, 39, 011007.	3.7	76
5	Surface-Functionalization-Mediated Direct Transfer of Molybdenum Disulfide for Large-Area Flexible Devices. Advanced Functional Materials, 2018, 28, 1706231.	14.9	66
6	High-Performance All-Printed Amorphous Oxide FETs and Logics with Electronically Compatible Electrode/Channel Interface. ACS Applied Materials & Interfaces, 2018, 10, 22408-22418.	8.0	39
7	Flexible and Stretchable Oxide Electronics. Advanced Electronic Materials, 2016, 2, 1600105.	5.1	42
8	Instability in an amorphous InGaZnO field effect transistor upon water exposure. Journal Physics D: Applied Physics, 2016, 49, 055102.	2.8	5
9	Photo-patternable ion gel-gated graphene transistors and inverters on plastic. Nanotechnology, 2014, 25, 014002.	2.6	56
10	Selective growth of inorganic nanomaterials on an oxidized graphene scaffold. Carbon, 2014, 78, 317-325.	10.3	4
11	Graphene based field effect transistors: Efforts made towards flexible electronics. Solid-State Electronics, 2013, 89, 177-188.	1.4	85
12	Graphene-based transparent strain sensor. Carbon, 2013, 51, 236-242.	10.3	711
13	Thermal stability of metal Ohmic contacts in indium gallium zinc oxide transistors using a graphene barrier layer. Applied Physics Letters, 2013, 102, .	3.3	30
14	Graphene-P(VDF-TrFE) Multilayer Film for Flexible Applications. ACS Nano, 2013, 7, 3130-3138.	14.6	220
15	Effect of UV exposure on rectifying behavior of polyaniline/ZnO heterojunction. Semiconductor Science and Technology, 2013, 28, 125022.	2.0	12
16	Graphene Based Nanogenerator for Energy Harvesting. Japanese Journal of Applied Physics, 2013, 52, 06GA02.	1.5	26
17	Load-Controlled Roll Transfer of Oxide Transistors for Stretchable Electronics. Advanced Functional Materials, 2013, 23, 2024-2032.	14.9	78
18	MECHANICAL FLEXIBILITY OF ZINC OXIDE THIN-FILM TRANSISTORS PREPARED BY TRANSFER PRINTING METHOD. Modern Physics Letters B, 2012, 26, 1250077.	1.9	27

#	ARTICLE	IF	CITATIONS
19	A high performance PZT ribbon-based nanogenerator using graphene transparent electrodes. Energy and Environmental Science, 2012, 5, 8970.	30.8	157
20	Study of intermediate states in shape transition of ZnO nanostructures from nanoparticles to nanorods. Chemical Physics Letters, 2011, 515, 62-67.	2.6	9
21	Polyaniline ⁺ ZnO Heterojunction. , 2011, , .		0
22	Stress Dependent Band Gap Shift and Valence Band Studies in ZnO Nanorods. Journal of Nanoscience and Nanotechnology, 2010, 10, 8424-8431.	0.9	5
23	Photoluminescence lifetime of Al-doped ZnO films in visible region. Solid State Communications, 2010, 150, 2341-2345.	1.9	39
24	Stress-dependent band gap shift and quenching of defects in Al-doped ZnO films. Journal Physics D: Applied Physics, 2010, 43, 465402.	2.8	80
25	A ZnO/PEDOT:PSS based inorganic/organic hetrojunction. Solid State Communications, 2009, 149, 771-774.	1.9	89
26	Dielectric behavior of polyaniline ⁺ CNTs composite in microwave region. Composites Science and Technology, 2009, 69, 1932-1935.	7.8	43
27	Synthesis and characterization of polyaniline ⁺ ZnO composite and its dielectric behavior. Synthetic Metals, 2009, 159, 391-395.	3.9	134
28	Dielectric properties of nano ZnO-polyaniline composite in the microwave frequency range. Journal of Alloys and Compounds, 2009, 477, 370-373.	5.5	90