

Dandan Sang

List of Publications by Year in descending order

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13
papers

176
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1163117

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13
times ranked

142
citing authors

#	ARTICLE	IF	CITATIONS
1	Pressure-induced transition from pure electronic to mixed ionic-electronic conduction in strontium hydride. <i>Applied Physics Letters</i> , 2022, 120, 073904.	3.3	2
2	Enhanced Photoluminescence and Electrical Properties of n-Al-Doped ZnO Nanorods/p-B-Doped Diamond Heterojunction. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3831.	4.1	6
3	Conduction transition and electronic conductivity enhancement of cesium azide by pressure-directed grain boundary engineering. <i>Journal of Materials Chemistry C</i> , 2021, 9, 4764-4770.	5.5	3
4	Excellent optoelectronic applications and electrical transport behavior of the n-WO ₃ nanostructures/p-diamond heterojunction: a new perspective. <i>Nanotechnology</i> , 2021, 32, 332501.	2.6	8
5	A Review on the Properties and Applications of WO ₃ Nanostructure-Based Optical and Electronic Devices. <i>Nanomaterials</i> , 2021, 11, 2136.	4.1	63
6	Improved Dielectric Properties and Grain Boundary Effect of Phenanthrene Under High Pressure. <i>Frontiers in Physics</i> , 2021, 9, .	2.1	2
7	Review on the Properties of Boron-Doped Diamond and One-Dimensional-Metal-Oxide Based P-N Heterojunction. <i>Molecules</i> , 2021, 26, 71.	3.8	13
8	Negative Differential Resistance of n-ZnO Nanorods/p-degenerated Diamond Heterojunction at High Temperatures. <i>Frontiers in Chemistry</i> , 2020, 8, 531.	3.6	12
9	Dielectric properties and the role of grain boundaries in polycrystalline tetracene at high pressures. <i>CrystEngComm</i> , 2019, 21, 4507-4512.	2.6	6
10	Ionic conduction in sodium azide under high pressure: Experimental and theoretical approaches. <i>Applied Physics Letters</i> , 2018, 112, 173903.	3.3	12
11	Improved electrical transport properties of an n-ZnO nanowire/p-diamond heterojunction. <i>RSC Advances</i> , 2018, 8, 28804-28809.	3.6	14
12	Fabrication and high temperature electronic behaviors of n-WO ₃ nanorods/p-diamond heterojunction. <i>Applied Physics Letters</i> , 2017, 110, 052106.	3.3	21
13	Ionic transport and dielectric properties in NaNbO ₃ under high pressure. <i>Applied Physics Letters</i> , 2017, 111, .	3.3	14