Dandan Sang

List of Publications by Year
in descending order

13	176	1163117 8	1125743 13
papers	citations	h-index	g-index

13	13	13	142
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Review on the Properties and Applications of WO3 Nanostructureâ^'Based Optical and Electronic Devices. Nanomaterials, 2021, 11, 2136.	4.1	63
2	Fabrication and high temperature electronic behaviors of n-WO3 nanorods/p-diamond heterojunction. Applied Physics Letters, 2017, 110, 052106.	3.3	21
3	Ionic transport and dielectric properties in NaNbO3 under high pressure. Applied Physics Letters, 2017, 111, .	3.3	14
4	Improved electrical transport properties of an n-ZnO nanowire/p-diamond heterojunction. RSC Advances, 2018, 8, 28804-28809.	3.6	14
5	Review on the Properties of Boron-Doped Diamond and One-Dimensional-Metal-Oxide Based P-N Heterojunction. Molecules, 2021, 26, 71.	3.8	13
6	Ionic conduction in sodium azide under high pressure: Experimental and theoretical approaches. Applied Physics Letters, 2018, 112, 173903.	3.3	12
7	Negative Differential Resistance of n-ZnO Nanorods/p-degenerated Diamond Heterojunction at High Temperatures. Frontiers in Chemistry, 2020, 8, 531.	3.6	12
8	Excellent optoelectronic applications and electrical transport behavior of the n-WO₃ nanostructures/p-diamond heterojunction: a new perspective. Nanotechnology, 2021, 32, 332501.	2.6	8
9	Dielectric properties and the role of grain boundaries in polycrystalline tetracene at high pressures. CrystEngComm, 2019, 21, 4507-4512.	2.6	6
10	Enhanced Photoluminescence and Electrical Properties of n-Al-Doped ZnO Nanorods/p-B-Doped Diamond Heterojunction. International Journal of Molecular Sciences, 2022, 23, 3831.	4.1	6
11	Conduction transition and electronic conductivity enhancement of cesium azide by pressure-directed grain boundary engineering. Journal of Materials Chemistry C, 2021, 9, 4764-4770.	5.5	3
12	Improved Dielectric Properties and Grain Boundary Effect of Phenanthrene Under High Pressure. Frontiers in Physics, 2021, 9, .	2.1	2
13	Pressure-induced transition from pure electronic to mixed ionic-electronic conduction in strontium hydride. Applied Physics Letters, 2022, 120, 073904.	3.3	2