

Pintu Singha

List of Publications by Year in descending order

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17
papers

133
citations

1478280

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1281743

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18
times ranked

152
citing authors

#	ARTICLE	IF	CITATIONS
1	Block co-polymer template-mediated synthesis of sub-micron-sized rice-grain/rod-shaped TiO ₂ nanoparticles and their conversion to TiO ₂ @Ag composite for photocatalysis. Polymer Bulletin, 2023, 80, 1997-2017.	1.7	1
2	Improvement of thermoelectric performance in $\text{Sb}_{2-x}\text{Te}_{3+x}$ nanocomposites. Physical Review Materials, 2022, 6, .	0.2	0
3	Observation of Griffiths-like phase in the quaternary Heusler compound NiFeTiSn. Journal of Physics Condensed Matter, 2022, , .	0.7	1
4	Enhancement of electron mobility and thermoelectric power factor of cobalt-doped Bi_2Te_3 type Bi_2Te_3 Te ₃ . International Journal of Energy Research, 2022, 46, 17029-17042.	2.2	5
5	Sb ₂ Te ₃ /graphite nanocomposite: A comprehensive study of thermal conductivity. Journal of Materiomics, 2021, 7, 545-555.	2.8	5
6	Evidence of improvement in thermoelectric parameters of Bi_2Te_3 /graphite nanocomposite. Journal of Applied Physics, 2021, 129, .	1.1	14
7	Emergence of compensated ferrimagnetic state in Mn _{2-x} Ru _{1+x} Ga (x = 0.2, 0.5) alloys. Journal of Magnetism and Magnetic Materials, 2021, 532, 167956.	1.0	4
8	Relative humidity sensing properties of doped polyaniline-encased multiwall carbon nanotubes: wearable and flexible human respiration monitoring application. Journal of Materials Science, 2020, 55, 3884-3901.	1.7	37
9	Morphology of ZnO triggered versatile catalytic reactions towards CO ₂ fixation and acylation of amines at optimized reaction conditions. Molecular Catalysis, 2020, 493, 111070.	1.0	9
10	Thermoelectrical properties of Bi ₂ Te ₃ nanocomposites. Materials Today: Proceedings, 2019, 8, 573-581.	0.9	13
11	Thermoelectric Properties of Sb ₂ Te ₃ -Based Nanocomposites with Graphite. Semiconductors, 2019, 53, 638-640.	0.2	6
12	Role of graphite on the thermoelectric performance of Sb ₂ Te ₃ /graphite nanocomposite. Journal of Applied Physics, 2019, 125, .	1.1	13
13	Modulation of thermal conductivity and thermoelectric figure of merit by anharmonic lattice vibration in Sb ₂ Te ₃ thermoelectrics. AIP Advances, 2018, 8, 125119.	0.6	4
14	Electrical Characterization of n-ZnO NW/p-CuO Thin Film Hetero-Junction Solar Cell Grown by Chemical Bath Deposition and Vapor Liquid Solid Technique with Varying Reaction Time. Springer Proceedings in Physics, 2017, , 165-171.	0.1	0
15	Effect of Mn dispersion on thermoelectric properties of Sb ₂ Te ₃ based nanocomposite. AIP Conference Proceedings, 2017, , .	0.3	0
16	Evolution of phonon anharmonicity in Se-doped Sb ₂ Te ₃ thermoelectrics. Physical Review B, 2017, 96, .	1.1	18
17	Structural and resistive property study of Bi ₂ Te ₃ +x% graphite nanocomposites. AIP Conference Proceedings, 2017, , .	0.3	0