Shriparna Mukherjee

List of Publications by Year
in descending order

14	326	932766 10	1125271 13
papers	citations	h-index	g-index

14	14	14	346
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	YVO_4:Er^3+/Yb^3+ phosphor for multifunctional applications. Journal of the Optical Society of America B: Optical Physics, 2014, 31, 1814.	0.9	68
2	Key properties of inorganic thermoelectric materialsâ€"tables (version 1). JPhys Energy, 2022, 4, 022002.	2.3	51
3	High Thermoelectric Performance in Mg₂(Si_{0.3}Sn_{0.7}) by Enhanced Phonon Scattering. ACS Applied Energy Materials, 2019, 2, 2129-2137.	2.5	44
4	Investigation on the structure and thermoelectric properties of Cu_xTe binary compounds. Dalton Transactions, 2019, 48, 1040-1050.	1.6	36
5	Raman Spectroscopy Study of Phonon Liquid Electron Crystal in Copper Deficient Superionic Thermoelectric Cu_{2â€“x}Te. ACS Applied Energy Materials, 2020, 3, 2175-2181.	2.5	35
6	Effect of Fe alloying on the thermoelectric performance of Cu2Te. Journal of Alloys and Compounds, 2020, 817, 152729.	2.8	24
7	Microstructure and thermoelectric properties of Cu2Te-Sb2Te3 pseudo-binary system. Applied Surface Science, 2018, 449, 805-814.	3.1	16
8	Simultaneous increase in thermopower and electrical conductivity through Ta-doping and nanostructuring in half-Heusler TiNiSn alloys. Materialia, 2019, 7, 100410.	1.3	15
9	Ultralow thermal conductivity and high thermoelectric figure of merit in Cu2Teâ€“Ag2Te composites. Journal of Alloys and Compounds, 2020, 848, 156540.	2.8	13
10	Ultralow thermal conductivity and low charge carrier scattering potential in Zn1-xCdxSb solid solutions for thermoelectric application. Materials Today Energy, 2019, 12, 107-113.	2.5	12
11	Thermoelectric properties of BiSbTe-type alloys prepared by chill-casting and cryo-milling. Materials Chemistry and Physics, 2021, 260, 124116.	2.0	9
12	Anisotropy of Microstructure and Its Influence on Thermoelectricity: The Case of Cu₂Teâ€“Sb₂Te₃ Eutectic. ACS Applied Energy Materials, 2021, 4, 11867-11877.	2.5	2
13	Tuning the thermoelectric properties of chalcopyrite by Co and Se double substitution. AIP Conference Proceedings, 2019, , .	0.3	1
14	Reply to the â€˜Comment on â€œInvestigation on the structure and thermoelectric properties of CuxTe binary compoundsâ€â€™ by A. H. Barajas-Aguilar, A. M. Garay-Tapia, and S. J. JimÃ©nez-Sandoval, Dalton Trans., 2020, 49, DOI: 10.1039/C9DT03607E. Dalton Transactions, 2020, 49, 5738-5740.	1.6	0