

# Shriparna Mukherjee

## List of Publications by Year in descending order

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14  
papers

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932766

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1125271

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14  
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docs citations

14  
times ranked

346  
citing authors

#	ARTICLE	IF	CITATIONS
1	Key properties of inorganic thermoelectric materialsâ€”tables (version 1). JPhys Energy, 2022, 4, 022002.	2.3	51
2	Thermoelectric properties of BiSbTe-type alloys prepared by chill-casting and cryo-milling. Materials Chemistry and Physics, 2021, 260, 124116.	2.0	9
3	Anisotropy of Microstructure and Its Influence on Thermoelectricity: The Case of Cu <sub>2</sub> Teâ€”Sb <sub>2</sub> Te <sub>3</sub> Eutectic. ACS Applied Energy Materials, 2021, 4, 11867-11877.	2.5	2
4	Effect of Fe alloying on the thermoelectric performance of Cu <sub>2</sub> Te. Journal of Alloys and Compounds, 2020, 817, 152729.	2.8	24
5	Ultralow thermal conductivity and high thermoelectric figure of merit in Cu <sub>2</sub> Teâ€”Ag <sub>2</sub> Te composites. Journal of Alloys and Compounds, 2020, 848, 156540.	2.8	13
6	Raman Spectroscopy Study of Phonon Liquid Electron Crystal in Copper Deficient Superionic Thermoelectric Cu <sub>2</sub> Te. ACS Applied Energy Materials, 2020, 3, 2175-2181.	2.5	35
7	Reply to the â€”Comment on â€”Investigation on the structure and thermoelectric properties of Cu <sub>x</sub> Te binary compoundsâ€” 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
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	Tuning the thermoelectric properties of chalcopyrite by Co and Se double substitution. AIP Conference Proceedings, 2019, , .	0.3	1
10	Ultralow thermal conductivity and low charge carrier scattering potential in Zn <sub>1-x</sub> Cd <sub>x</sub> Sb solid solutions for thermoelectric application. Materials Today Energy, 2019, 12, 107-113.	2.5	12
11	Investigation on the structure and thermoelectric properties of Cu <sub>x</sub> Te binary compounds. Dalton Transactions, 2019, 48, 1040-1050.	1.6	36
12	High Thermoelectric Performance in Mg <sub>2</sub> (Si <sub>0.3</sub> Sn <sub>0.7</sub> ) by Enhanced Phonon Scattering. ACS Applied Energy Materials, 2019, 2, 2129-2137.	2.5	44
13	Microstructure and thermoelectric properties of Cu <sub>2</sub> Te-Sb <sub>2</sub> Te <sub>3</sub> pseudo-binary system. Applied Surface Science, 2018, 449, 805-814.	3.1	16
14	YVO <sub>4</sub> :Er <sup>3+</sup> /Yb <sup>3+</sup> phosphor for multifunctional applications. Journal of the Optical Society of America B: Optical Physics, 2014, 31, 1814.	0.9	68