

# Tarun Kumar Joshi

## List of Publications by Year in descending order

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Version: 2024-02-01

7  
papers

78  
citations

1683354

5  
h-index

2053342

5  
g-index

7  
all docs

7  
docs citations

7  
times ranked

22  
citing authors

#	ARTICLE	IF	CITATIONS
1	A density functional study of electronic and optical properties of perovskite (CH <sub>3</sub> CH <sub>2</sub> NH <sub>3</sub> PbI <sub>3</sub> ) for photovoltaic cell application. Computational Condensed Matter, 2022, 30, e00635.	0.9	0
2	Transition metal-based halides double Cs <sub>2</sub> ZSbX <sub>6</sub> (Z = Ag, Cu, and X = Cl, Br, I) perovskites: A mechanically stable and highly absorptive materials for photovoltaic devices. Journal of Solid State Chemistry, 2022, 314, 123420.	1.4	19
3	First-principles spectroscopic screening of hybrid perovskite (CH <sub>3</sub> CH <sub>2</sub> NH <sub>3</sub> CH <sub>3</sub> CH <sub>2</sub> NH <sub>3</sub> PbI <sub>3</sub> ) potential photovoltaic absorber. International Journal of Energy Research, 2021, 45, 908-919.	0.784314	12
4	Emerging potential photovoltaic absorber hybrid halide perovskites (CH <sub>3</sub> CH <sub>2</sub> NH <sub>3</sub> CH <sub>3</sub> CH <sub>2</sub> NH <sub>3</sub> PbI <sub>3</sub> ) International Journal of Energy Research, 2021, 45, 15231-15244.	2.2	10
5	The electronic and optical properties of CH <sub>3</sub> CH <sub>2</sub> NH <sub>3</sub> PbI <sub>3</sub> : A first principles study. AIP Conference Proceedings, 2021, , .	0.3	0
6	Computational determination of structural, electronic, optical, thermoelectric and thermodynamic properties of hybrid perovskite CH <sub>3</sub> CH <sub>2</sub> NH <sub>3</sub> GeI <sub>3</sub> : An emerging material for photovoltaic cell. Materials Chemistry and Physics, 2020, 251, 123103.	2.0	19
7	Investigation of structural, electronic, optical and thermoelectric properties of Ethylammonium tin iodide (CH <sub>3</sub> CH <sub>2</sub> NH <sub>3</sub> SnI <sub>3</sub> ): An appropriate hybrid material for photovoltaic application. Materials Science in Semiconductor Processing, 2020, 115, 105111.	1.9	18