

# Juhi Pandey

## List of Publications by Year in descending order

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13  
papers

616  
citations

759055

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1125617

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docs citations

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times ranked

1080  
citing authors

#	ARTICLE	IF	CITATIONS
1	Engineering ferroelectric instability to achieve ultralow thermal conductivity and high thermoelectric performance in Sn <sub>1-x</sub> Ge <sub>x</sub> Te. Energy and Environmental Science, 2019, 12, 589-595.	15.6	155
2	Intrinsically Ultralow Thermal Conductivity in Ruddlesden-Popper 2D Perovskite Cs <sub>2</sub> PbCl <sub>2</sub> : Localized Anharmonic Vibrations and Dynamic Octahedral Distortions. Journal of the American Chemical Society, 2020, 142, 15595-15603.	6.6	82
3	Soft phonon modes driven reduced thermal conductivity in self-compensated Sn <sub>1.03</sub> Te with Mn doping. Applied Physics Letters, 2016, 109, .	1.5	69
4	Ultralow Thermal Conductivity in Chain-like TlSe Due to Inherent Tl <sup>+</sup> Rattling. Journal of the American Chemical Society, 2019, 141, 20293-20299.	6.6	61
5	An Environmentally Stable and Lead-Free Chalcogenide Perovskite. Advanced Functional Materials, 2020, 30, 2001387.	7.8	52
6	Unraveling biexciton and excitonic excited states from defect bound states in monolayer MoS <sub>2</sub> . Applied Surface Science, 2019, 463, 52-57.	3.1	50
7	Raman Spectroscopy Study of Phonon Liquid Electron Crystal in Copper Deficient Superionic Thermoelectric Cu <sub>2-x</sub> Te. ACS Applied Energy Materials, 2020, 3, 2175-2181.	2.5	35
8	Charge carriers modulation and thermoelectric performance of intrinsically p-type Bi <sub>2</sub> Te <sub>3</sub> by Ge doping. Journal of Alloys and Compounds, 2018, 746, 350-355.	2.8	30
9	Enhancement of Power Factor for Inherently Poor Thermal Conductor Ag <sub>8</sub> GeSe <sub>6</sub> by Replacing Ge with Sn. ACS Applied Energy Materials, 2019, 2, 1660-1666.	2.5	26
10	Electron-phonon interactions and two-phonon modes associated with charge density wave in single crystalline $T\hat{V}Se_2$ .	1.3	22
11	Phys Spectroscopic correlation of chalcogen defects in atomically thin MoS <sub>2</sub> (1-x)Se <sub>2x</sub> alloys. JPhys Materials, 2020, 3, 045001.	1.8	15
12	Local ferroelectric polarization in antiferroelectric chalcogenide perovskite BaZrS <sub>3</sub> thin films. Physical Review B, 2020, 102, .	1.1	13
13	Selective Oxidation of WS <sub>2</sub> Defect Domain with Sub-Monolayer Thickness Leads to Multifold Enhancement in Photoluminescence. Advanced Materials Interfaces, 2019, 6, 1900962.	1.9	6