

Juhi Pandey

List of Publications by Year in descending order

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papers

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759055

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#	ARTICLE	IF	CITATIONS
1	Intrinsically Ultralow Thermal Conductivity in Ruddlesden-Popper 2D Perovskite Cs ₂ PbCl ₂ : Localized Anharmonic Vibrations and Dynamic Octahedral Distortions. Journal of the American Chemical Society, 2020, 142, 15595-15603.	6.6	82
2	Local ferroelectric polarization in antiferroelectric chalcogenide perovskite BaZrS ₃ thin films. Physical Review B, 2020, 102, .	1.1	13
3	Raman Spectroscopy Study of Phonon Liquid Electron Crystal in Copper Deficient Superionic Thermoelectric Cu ₂ Te. ACS Applied Energy Materials, 2020, 3, 2175-2181.	2.5	35
4	An Environmentally Stable and Lead-Free Chalcogenide Perovskite. Advanced Functional Materials, 2020, 30, 2001387.	7.8	52
5	Spectroscopic correlation of chalcogen defects in atomically thin MoS ₂ (1-x)Se _{2x} alloys. JPhys Materials, 2020, 3, 045001.	1.8	15
6	Electron-phonon interactions and two-phonon modes associated with charge density wave in single crystalline $T\hat{V}Se_2$. Phys	1.3	22
7	Unraveling biexciton and excitonic excited states from defect bound states in monolayer MoS ₂ . Applied Surface Science, 2019, 463, 52-57.	3.1	50
8	Selective Oxidation of WS ₂ Defect Domain with Sub-Monolayer Thickness Leads to Multifold Enhancement in Photoluminescence. Advanced Materials Interfaces, 2019, 6, 1900962.	1.9	6
9	Engineering ferroelectric instability to achieve ultralow thermal conductivity and high thermoelectric performance in Sn _{1-x} Ge _x Te. Energy and Environmental Science, 2019, 12, 589-595.	15.6	155
10	Ultralow Thermal Conductivity in Chain-like TlSe Due to Inherent Tl ⁺ Rattling. Journal of the American Chemical Society, 2019, 141, 20293-20299.	6.6	61
11	Enhancement of Power Factor for Inherently Poor Thermal Conductor Ag ₈ GeSe ₆ by Replacing Ge with Sn. ACS Applied Energy Materials, 2019, 2, 654-660.	2.5	26
12	Charge carriers modulation and thermoelectric performance of intrinsically p-type Bi ₂ Te ₃ by Ge doping. Journal of Alloys and Compounds, 2018, 746, 350-355.	2.8	30
13	Soft phonon modes driven reduced thermal conductivity in self-compensated Sn _{1.03} Te with Mn doping. Applied Physics Letters, 2016, 109, .	1.5	69