

Pinku Saha

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

158
citations

1163117

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1125743

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g-index

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all docs

13
docs citations

13
times ranked

199
citing authors

#	ARTICLE	IF	CITATIONS
1	High Pressure Experimental Studies on CuO: Indication of Re-entrant Multiferroicity at Room Temperature. Scientific Reports, 2016, 6, 31610.	3.3	30
2	Structural, optical characterization of the synthesized Fe doped CdO Nano particles, its application as a promising photocatalyst for degradation of the hazardous Methyl violet dye. Optik, 2021, 246, 167795.	2.9	25
3	Thermal conductivity of dense hcp iron: Direct measurements using laser heated diamond anvil cell. Geoscience Frontiers, 2020, 11, 1755-1761.	8.4	20
4	Structural anomalies in exfoliated WS ₂ : High pressure investigations on monolayer and nanocrystalline tungsten disulfide. Journal of Applied Physics, 2018, 123, .	2.5	15
5	Pressure induced lattice expansion and phonon softening in layered ReS ₂ . Journal of Applied Physics, 2020, 128, 085904.	2.5	15
6	High pressure anomalies in exfoliated MoSe ₂ : resonance Raman and x-ray diffraction studies. Materials Research Express, 2020, 7, 025902.	1.6	14
7	Pressure-Induced Emergence of Visible Luminescence in Lead Free Halide Perovskite Cs ₃ Bi ₂ Br ₉ : Effect of Structural Distortion. Journal of Physical Chemistry C, 2021, 125, 3432-3440.	3.1	12
8	High pressure structural investigation on lead-free piezoelectric 0.5Ba(Ti _{0.8} Zr _{0.2})O ₃ ∼ 0.5(Ba _{0.7} Ca _{0.3})O ₃ . Journal of the American Ceramic Society, 2020, 103, 5259-5269.		
9	Study of structural phase transition of HfO ₂ at high pressure. Materials Today: Proceedings, 2016, 3, 2997-3001.	1.8	7
10	Pressure induced anomalous magnetic behaviour in nanocrystalline YCrO ₃ at room temperature. Journal of Physics Condensed Matter, 2018, 30, 335401.	1.8	4
11	Temperature measurement in double-sided laser-heated diamond anvil cell and reaction of carbon. Indian Journal of Physics, 2021, 95, 621-628.	1.8	4
12	Growth-dependent structural ordering and stability in $\hat{1}^2$ -tungsten films for spintronic applications. Journal of Applied Physics, 2022, 131, 125301.	2.5	2
13	Synthesis and compression study of orthorhombic Fe ₇ (C, Si) ₃ : a possible constituent of the Earth's core. High Pressure Research, 2021, 41, 290-305.	1.2	1