

Pinku Saha

List of Publications by Year in descending order

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papers

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1163117

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13
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13
times ranked

199
citing authors

#	ARTICLE	IF	CITATIONS
1	Growth-dependent structural ordering and stability in \hat{I}^2 -tungsten films for spintronic applications. Journal of Applied Physics, 2022, 131, 125301.	2.5	2
2	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
3	Pressure-Induced Emergence of Visible Luminescence in Lead Free Halide Perovskite $\text{Cs}_3\text{Bi}_2\text{Br}_9$: Effect of Structural Distortion. Journal of Physical Chemistry C, 2021, 125, 3432-3440.	3.1	12
4	Synthesis and compression study of orthorhombic $\text{Fe}_7(\text{C}, \text{Si})_3$: a possible constituent of the Earth's core. High Pressure Research, 2021, 41, 290-305.	1.2	1
5	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
6	Pressure induced lattice expansion and phonon softening in layered ReS_2 . Journal of Applied Physics, 2020, 128, 085904.	2.5	15
7	High pressure anomalies in exfoliated MoSe_2 : resonance Raman and x-ray diffraction studies. Materials Research Express, 2020, 7, 025902.	1.6	14
8	Thermal conductivity of dense hcp iron: Direct measurements using laser heated diamond anvil cell. Geoscience Frontiers, 2020, 11, 1755-1761.	8.4	20
9	High-pressure structural investigation on lead-free piezoelectric $0.5\text{Ba}(\text{Ti}_{0.8}\text{Zr}_{0.2})\text{O}_3 \cdot 0.5(\text{Ba}_{0.7}\text{Ca}_{0.3})\text{O}_3$. Journal of the American Ceramic Society, 2020, 103, 5259-5269.		
10	Structural anomalies in exfoliated WS_2 : High pressure investigations on monolayer and nanocrystalline tungsten disulfide. Journal of Applied Physics, 2018, 123, .	2.5	15
11	Pressure induced anomalous magnetic behaviour in nanocrystalline YCrO_3 at room temperature. Journal of Physics Condensed Matter, 2018, 30, 335401.	1.8	4
12	High Pressure Experimental Studies on CuO : Indication of Re-entrant Multiferroicity at Room Temperature. Scientific Reports, 2016, 6, 31610.	3.3	30
13	Study of structural phase transition of HfO_2 at high pressure. Materials Today: Proceedings, 2016, 3, 2997-3001.	1.8	7