

Sorb Yesudhas

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

328
citations

933447

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888059

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20
times ranked

649
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural, Vibrational, and Electronic Properties of 1D-TlInTe ₂ under High Pressure: A Combined Experimental and Theoretical Study. <i>Inorganic Chemistry</i> , 2021, 60, 9320-9331.	4.0	6
2	Pressure-Induced Phase Changes in Cesium Lead Bromide Perovskite Nanocrystals with and without Ruddlesden-Popper Faults. <i>Chemistry of Materials</i> , 2020, 32, 785-794.	6.7	25
3	Chemical ordering and pressure-induced isostructural and electronic transitions in MoSSe crystal. <i>Physical Review B</i> , 2020, 102, .	3.2	12
4	Coupling of organic cation and inorganic lattice in methylammonium lead halide perovskites: Insights into a pressure-induced isostructural phase transition. <i>Physical Review Materials</i> , 2020, 4, .	2.4	13
5	Lattice frustration in spin-orbit Mott insulator Sr ₃ Ir ₂ O ₇ at high pressure. <i>Npj Quantum Materials</i> , 2019, 4, .	5.2	12
6	Probing Cerium 4 <i>f</i> States across the Volume Collapse Transition by X-ray Raman Scattering. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 7890-7897.	4.6	8
7	Structural, vibrational, and electrical properties of $\text{Ca}_{1-x}\text{Sr}_x\text{TiO}_3$ under hydrostatic pressure: Experiments and theory. <i>Physical Review B</i> , 2018, 97, .	3.2	63
8	Prolonged mixed phase induced by high pressure in MnRuP. <i>Physical Review B</i> , 2018, 97, .	3.2	3
9	Extraordinarily Stable Noncubic Structures of Au: A High-Pressure and -Temperature Study. <i>Chemistry of Materials</i> , 2017, 29, 1485-1489.	6.7	20
10	Diamond: High-Pressure Synthesis. , 2016, , .		1
11	Pressure induced structural, electronic topological, and semiconductor to metal transition in AgBiSe ₂ . <i>Applied Physics Letters</i> , 2016, 109, .	3.3	25
12	Interferroelectric transition as another manifestation of intrinsic size effect in ferroelectrics. <i>Physical Review B</i> , 2016, 94, .	3.2	8
13	Pressure-induced electronic topological transition in Sb ₂ S ₃ . <i>Journal of Physics Condensed Matter</i> , 2016, 28, 015602.	1.8	41
14	Structural phase transitions of ionic layered PbFX (X = Cl ⁻ or Br ⁻) compounds under high pressure. <i>Materials Research Bulletin</i> , 2015, 65, 1-6.	5.2	8
15	Synthesis of Ge-Sn at high pressure and high temperature in a laser-heated diamond anvil cell. <i>Philosophical Magazine</i> , 2015, 95, 158-166.	1.6	3
16	Pressure-induced structural changes and insulator-metal transition in layered bismuth triiodide, BiI ₃ : a combined experimental and theoretical study. <i>Journal of Physics Condensed Matter</i> , 2014, 26, 275502.	1.8	16
17	High pressure Raman spectroscopy of layered matlockite, PbFCl. <i>Journal of Physics Condensed Matter</i> , 2013, 25, 155401.	1.8	16
18	Evidence for Ge-C bond formation at high P-T conditions in a laser heated diamond anvil cell. , 2012, , .		1

#	ARTICLE	IF	CITATIONS
19	Acoustic phonons of NaZr ₂ (PO ₄) ₂ (PO ₄) ₂ Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 747 Td (xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" <mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>)	3.2	43
20	High Pressure in situ Micro-Raman Spectroscopy of Ge-Sn System Synthesized in a Laser Heated Diamond Anvil Cell. , 2011, , .		4