

Shuai Yan

List of Publications by Year in descending order

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docs citations

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685
citing authors

#	ARTICLE	IF	CITATIONS
1	High-pressure in-situ X-ray diffraction and Raman spectroscopy of Ca ₂ AlFeO ₅ brownmillerite. High Pressure Research, 2019, 39, 92-105.	1.2	4
2	Anomalous compression behaviour in Nd ₂ O ₃ studied by x-ray diffraction and Raman spectroscopy. AIP Advances, 2018, 8, .	1.3	19
3	Optical oscillator strengths of the vibronic excitations of molecular deuterium determined by the dipole (T_j) $\frac{1}{\Omega} \frac{d}{dt} \langle \mathbf{r} \rangle$ /Overlock 10 Tf 50 667 Td (xmlns:mml="http://www.w3.org/1998/Math/MathML") T_j	2.5	4
4	Physical Review A, 2018, 98, . Isothermal pressure-derived metastable states in 2D hybrid perovskites showing enduring bandgap narrowing. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 8076-8081.	7.1	137
5	Single crystal growth, crystalline structure investigation and high-pressure behavior of impurity-free siderite (FeCO ₃). Physics and Chemistry of Minerals, 2018, 45, 831-842.	0.8	13
6	A 1-m non-resonant inelastic x-ray scattering spectrometer at BL15U, Shanghai Synchrotron Radiation Facility. Review of Scientific Instruments, 2018, 89, 085108.	1.3	4
7	Pressure-induced structural evaluation and insulator-metal transition in the mixed spinel ferrite $Zn_{1-x}M_x$	3.2	21
8	Pressure-Induced Crystallization and Phase Transformation of Para-xylene. Scientific Reports, 2017, 7, 5321.	3.3	18
9	Temperature-dependent thermal properties of Ru/C multilayers. Journal of Synchrotron Radiation, 2017, 24, 975-980.	2.4	5
10	Pressure-induced phase transitions of exposed curved surface nano-TiO ₂ with high photocatalytic activity. Journal of Applied Physics, 2016, 119, .	2.5	14
11	An equivalent source to describe realistic synchrotron hard X-rays. Applied Physics B: Lasers and Optics, 2016, 122, 1.	2.2	0
12	The behaviors of anatase and TiO ₂ (B) phase coexisting nanosheets under high pressure. Radiation Physics and Chemistry, 2016, 120, 1-6.	2.8	13
13	Structural phase transitions in Bi ₂ Se ₃ under high pressure. Scientific Reports, 2015, 5, 15939.	3.3	56
14	Investigation of Compton profiles of molecular methane and ethane. Journal of Chemical Physics, 2015, 142, 084301.	3.0	5