

Reassigning the Pressure-Induced Phase Transitions of Perovskite

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Hybrid perovskites under pressure: Present and future directions. <i>Journal of Applied Physics</i> , 2022, 132, .	2.5	4
2	Residual Strain Evolution Induced by Crystallization Kinetics During Anti-Solvent Spin Coating in Organic-Inorganic Hybrid Perovskite. <i>Advanced Science</i> , 2023, 10, .	11.2	5
3	Novel high-temperature phase and crystal structure evolution of CsCuBr ₃ halide identified by neutron powder diffraction. <i>CrystEngComm</i> , 2023, 25, 4417-4426.	2.6	2
4	Stabilizing Polar Domains in MAPbBr ₃ via the Hydrostatic Pressure-Induced Liquid Crystal-like Transition. <i>Journal of Physical Chemistry Letters</i> , 2023, 14, 5497-5504.	4.6	0
5	Pressure-Induced Phase Transition versus Amorphization in Hybrid Methylammonium Lead Bromide Perovskite. <i>Journal of Physical Chemistry C</i> , 2023, 127, 12821-12826.	3.1	5
6	Lattice dynamics and phase transitions in FAPbBr ₃ single crystals: Temperature- and pressure-dependent Raman spectroscopy. <i>Journal of Raman Spectroscopy</i> , 2023, 54, 1138-1149.	2.5	0
7	Strain Regulation and Photophysical Properties in Halide Perovskite. <i>Solar Rrl</i> , 2023, 7, .	5.8	0
8	Building Block-Inspired Hybrid Perovskite Derivatives for Ferroelectric Channel Layers with Gate-Tunable Memory Behavior. <i>Angewandte Chemie</i> , 0, , .	2.0	0
9	Building Block-Inspired Hybrid Perovskite Derivatives for Ferroelectric Channel Layers with Gate-Tunable Memory Behavior. <i>Angewandte Chemie - International Edition</i> , 2023, 62, .	13.8	1
10	Lattice and Electronic Structural Evolutions in Compressed Multilayer MnPS ₃ . <i>Journal of Physical Chemistry C</i> , 2023, 127, 17186-17193.	3.1	0
11	Efficient FRET process between CsPbBr ₃ quantum dots and RhB dye molecules by pressure regulation. <i>Applied Physics Letters</i> , 2023, 123, .	3.3	0
12	High-pressure structural studies and pressure-induced sensitisation of 3,4,5-trinitro-1 <i>H</i> -pyrazole. <i>Physical Chemistry Chemical Physics</i> , 2023, 25, 31646-31654.	2.8	0
13	Halogen Substitution Regulates High Temperature Dielectric Switch in Lead-Free Chiral Hybrid Perovskites. <i>Chemistry - A European Journal</i> , 2024, 30, .	3.3	0
14	Boosting Photoluminescence in MAPbBr ₃ Single Crystals through Laser-Based Surface Modification. <i>ACS Photonics</i> , 0, , .	6.6	0
15	Cation Dynamics as Structure Explorer in Hybrid Perovskites—The Case of MAPbI ₃ . <i>Crystal Growth and Design</i> , 0, , .	3.0	0
16	Structural and Optical Properties of Methylhydrazinium Lead Bromide Perovskites Under Pressure. <i>Journal of Materials Chemistry A</i> , 0, , .	10.3	0
17	Probing Local Structural Phase Transition at the Surface of (BA) ₂ PbI ₄ via Interlayer Exciton Emission. <i>Advanced Functional Materials</i> , 0, , .	14.9	0
18	Mechanical Properties and Temperature and Pressure Effects on the Crystal Structure of (2 <i>S</i> ,3 <i>S</i> ,4 <i>R</i>)-2,3,4-(Trinitratomethyl)-1-nitroazetidine (TMNA) by Single-Crystal X-ray Diffractometry and Density Functional Theory. <i>Journal of Physical Chemistry C</i> , 2024, 128, 927-940.	3.1	0

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19	Pressure-induced band gap engineering and enhanced optoelectronic properties of non-toxic Ca-based perovskite CsCaCl ₃ : Insights from density functional theory. Computational Condensed Matter, 2024, 38, e00879.	2.1	2
20	Pressure Engineering on Perovskite Structures, Properties, and Devices. Advanced Functional Materials, 0, , .	14.9	0
21	Computational high-pressure chemistry: Ab initio simulations of atoms, molecules, and extended materials in the gigapascal regime. Wiley Interdisciplinary Reviews: Computational Molecular Science, 2024, 14, .	14.6	0
22	A review: Comprehensive investigation on bandgap engineering under high pressure utilizing microscopic UV-Vis absorption spectroscopy. APL Materials, 2024, 12, .	5.1	0