

Pressure-Induced Structural and Optical Properties of Perovskite-Based Formamidinium Lead Bromide

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Pressure-Induced Structural Evolution and Band Gap Shifts of Organometal Halide Perovskite-Based Methylammonium Lead Chloride. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 5273-5279.	4.6	120
2	Mechanism of Pressure-Induced Phase Transitions, Amorphization, and Absorption-Edge Shift in Photovoltaic Methylammonium Lead Iodide. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 3458-3466.	4.6	176
3	High-Pressure Study of Perovskite-Like Organometal Halide: Band-Gap Narrowing and Structural Evolution of $[\text{NH}_3(\text{CH}_2)_4\text{NH}_3]\text{CuCl}_4$. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 500-506.	4.6	65
4	Between the Sheets: Postsynthetic Transformations in Hybrid Perovskites. <i>Chemistry of Materials</i> , 2017, 29, 1868-1884.	6.7	75
5	Piezochromic Topology Switch in a Coordination Polymer. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 929-935.	4.6	30
6	Photovoltaic Hybrid Perovskites under Pressure. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 2496-2506.	4.6	104
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8	Pressure-Induced Bandgap Optimization in Lead-Based Perovskites with Prolonged Carrier Lifetime and Ambient Retainability. <i>Advanced Functional Materials</i> , 2017, 27, 1604208.	14.9	167
9	Pressure-Induced Effects in Organic-Inorganic Hybrid Perovskites. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 2613-2622.	4.6	88
10	Halide Perovskites under Pressure: Accessing New Properties through Lattice Compression. <i>ACS Energy Letters</i> , 2017, 2, 1549-1555.	17.4	138
11	From Nano- to Micrometer Scale: The Role of Antisolvent Treatment on High Performance Perovskite Solar Cells. <i>Chemistry of Materials</i> , 2017, 29, 3490-3498.	6.7	234
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13	Temperature-Induced Lattice Relaxation of Perovskite Crystal Enhances Optoelectronic Properties and Solar Cell Performance. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 137-143.	4.6	39
14	Piezochromic Porous Metal-Organic Framework. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 279-284.	4.6	53
15	Chemistry at high pressure: Tuning functional materials properties. <i>MRS Bulletin</i> , 2017, 42, 718-723.	3.5	8
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17	Pressure-Induced Emission Enhancement of Carbazole: The Restriction of Intramolecular Vibration. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 4191-4196.	4.6	95
18	Pressure-induced dramatic changes in organic-inorganic halide perovskites. <i>Chemical Science</i> , 2017, 8, 6764-6776.	7.4	74

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20	Pressure-induced structural evolution, optical and electronic transitions of nontoxic organometal halide perovskite-based methylammonium tin chloride. Applied Physics Letters, 2017, 111, .	3.3	28
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