

Farzaneh Jahanbakhshi

List of Publications by Year in descending order

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9
papers

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1305906

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#	ARTICLE	IF	CITATIONS
1	Organic Spacers in 2D Perovskites: General Trends and Structure–Property Relationships from Computational Studies. <i>Helvetica Chimica Acta</i> , 2021, 104, e2000232.	1.0	6
2	Multimodal host–guest complexation for efficient and stable perovskite photovoltaics. <i>Nature Communications</i> , 2021, 12, 3383.	5.8	72
3	Naphthalenediimide/Formamidinium-Based Low-Dimensional Perovskites. <i>Chemistry of Materials</i> , 2021, 33, 6412-6420.	3.2	16
4	Nanoscale Phase Segregation in Supramolecular π -Templating for Hybrid Perovskite Photovoltaics from NMR Crystallography. <i>Journal of the American Chemical Society</i> , 2021, 143, 1529-1538.	6.6	55
5	Formamidinium-Based Dion–Jacobson Layered Hybrid Perovskites: Structural Complexity and Optoelectronic Properties. <i>Advanced Functional Materials</i> , 2020, 30, 2003428.	7.8	61
6	Unravelling the structural complexity and photophysical properties of adamantyl-based layered hybrid perovskites. <i>Journal of Materials Chemistry A</i> , 2020, 8, 17732-17740.	5.2	14
7	Crown Ether Modulation Enables over 23% Efficient Formamidinium-Based Perovskite Solar Cells. <i>Journal of the American Chemical Society</i> , 2020, 142, 19980-19991.	6.6	145
8	Atomic-Level Microstructure of Efficient Formamidinium-Based Perovskite Solar Cells Stabilized by 5-Ammonium Valeric Acid Iodide Revealed by Multinuclear and Two-Dimensional Solid-State NMR. <i>Journal of the American Chemical Society</i> , 2019, 141, 17659-17669.	6.6	104
9	Ruddlesden–Popper Phases of Methylammonium-Based Two-Dimensional Perovskites with 5-Ammonium Valeric Acid $\text{AVA}_{2-n}\text{MA}_n\text{Pb}_{3-n}\text{I}_{3+n-1}$ with $n = 1, 2, \text{ and } 3$. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 3543-3549.	2.1	35