

Farzaneh Jahanbakhshi

List of Publications by Year in descending order

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749
citing authors

#	ARTICLE	IF	CITATIONS
1	Crown Ether Modulation Enables over 23% Efficient Formamidinium-Based Perovskite Solar Cells. <i>Journal of the American Chemical Society</i> , 2020, 142, 19980-19991.	13.7	145
2	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.	13.7	104
3	Multimodal host-guest complexation for efficient and stable perovskite photovoltaics. <i>Nature Communications</i> , 2021, 12, 3383.	12.8	72
4	Formamidinium-Based Dion-Jacobson Layered Hybrid Perovskites: Structural Complexity and Optoelectronic Properties. <i>Advanced Functional Materials</i> , 2020, 30, 2003428.	14.9	61
5	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.	13.7	55
6	Ruddlesden-Popper Phases of Methylammonium-Based Two-Dimensional Perovskites with 5-Ammonium Valeric Acid $\text{AVA}_{2n}\text{MA}_{n-1}\text{Pb}_{3n+1}\text{I}_{3n+1}$ with $n = 1, 2, \text{ and } 3$. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 3543-3549.	4.6	35
7	Naphthalenediimide/Formamidinium-Based Low-Dimensional Perovskites. <i>Chemistry of Materials</i> , 2021, 33, 6412-6420.	6.7	16
8	Unravelling the structural complexity and photophysical properties of adamantyl-based layered hybrid perovskites. <i>Journal of Materials Chemistry A</i> , 2020, 8, 17732-17740.	10.3	14
9	Organic Spacers in 2D Perovskites: General Trends and Structure-Property Relationships from Computational Studies. <i>Helvetica Chimica Acta</i> , 2021, 104, e2000232.	1.6	6