

Iain W H Oswald

List of Publications by Year in descending order

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1307594

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#	ARTICLE	IF	CITATIONS
1	Correlating Broadband Photoluminescence with Structural Dynamics in Layered Hybrid Halide Perovskites. <i>Journal of the American Chemical Society</i> , 2022, 144, 1313-1322.	13.7	37
2	Identification of a New Family of Prenylated Volatile Sulfur Compounds in <i>Cannabis</i> Revealed by Comprehensive Two-Dimensional Gas Chromatography. <i>ACS Omega</i> , 2021, 6, 31667-31676.	3.5	23
3	Structure and Optical Properties of Layered Perovskite (MA) ₂ PbI ₂ xBr _x (SCN) ₂ (0 ≤ x < 1.6). <i>Inorganic Chemistry</i> , 2020, 59, 17379-17384.	4.0	6
4	Aryl-Perfluoroaryl Interaction in Two-Dimensional Organic-Inorganic Hybrid Perovskites Boosts Stability and Photovoltaic Efficiency. , 2019, 1, 171-176.		63
5	Hydrothermal Crystal Growth of Mixed Valence Cs ₂ SbBr ₆ . <i>Crystal Growth and Design</i> , 2019, 19, 4090-4094.	3.0	8
6	Hybrid Charge-Transfer Semiconductors: (C ₇ H ₇)SbI ₄ , (C ₇ H ₇)BiI ₄ , and Their Halide Congeners. <i>Inorganic Chemistry</i> , 2019, 58, 5818-5826.	4.0	37
7	Synthetic control over orientational degeneracy of spacer cations enhances solar cell efficiency in two-dimensional perovskites. <i>Nature Communications</i> , 2019, 10, 1276.	12.8	222
8	Influence of organic cation planarity on structural templating in hybrid metal-halides. <i>Dalton Transactions</i> , 2019, 48, 16340-16349.	3.3	12
9	General Synthesis Principles for Ruddlesden-Popper Hybrid Perovskite Halides from a Dynamic Equilibrium. <i>Chemistry of Materials</i> , 2018, 30, 8606-8614.	6.7	37