

# Iain W H Oswald

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5012740/publications.pdf>

Version: 2024-02-01

9  
papers

445  
citations

1307594

7  
h-index

1588992

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9  
docs citations

9  
times ranked

902  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Aryl-Perfluoroaryl Interaction in Two-Dimensional Organic-Inorganic Hybrid Perovskites Boosts Stability and Photovoltaic Efficiency. , 2019, 1, 171-176.		63
3	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
4	Hybrid Charge-Transfer Semiconductors: $(\text{C}_7\text{H}_7\text{Sb})_4$ , $(\text{C}_7\text{H}_7\text{Bi})_4$ , and Their Halide Congeners. <i>Inorganic Chemistry</i> , 2019, 58, 5818-5826.	4.0	37
5	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
6	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
7	Influence of organic cation planarity on structural templating in hybrid metal-halides. <i>Dalton Transactions</i> , 2019, 48, 16340-16349.	3.3	12
8	Hydrothermal Crystal Growth of Mixed Valence $\text{Cs}_2\text{SbBr}_6$ . <i>Crystal Growth and Design</i> , 2019, 19, 4090-4094.	3.0	8
9	Structure and Optical Properties of Layered Perovskite $(\text{MA})_2\text{PbI}_2\text{xBr}_x(\text{SCN})_2$ ( $0 \leq x < 1.6$ ). <i>Inorganic Chemistry</i> , 2020, 59, 17379-17384.	4.0	6