

# Anthony Ruth

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Charge Compensation by Iodine Covalent Bonding in Lead Iodide Perovskite Materials. Crystals, 2022, 12, 88.	2.2	2
2	Improving Photostability of Cesium-Doped Formamidinium Lead Triiodide Perovskite. ACS Energy Letters, 2021, 6, 574-580.	17.4	22
3	Suppressing Cation Migration in Triple-Cation Lead Halide Perovskites. ACS Energy Letters, 2020, 5, 2802-2810.	17.4	51
4	Photoinduced Anion Segregation in Mixed Halide Perovskites. Trends in Chemistry, 2020, 2, 282-301.	8.5	141
5	Electronic structure and thermoelectric properties of CoAsSb with post-DFT approaches. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	2.3	2
6	Vacancy-Mediated Anion Photo-segregation Kinetics in Mixed Halide Hybrid Perovskites: Coupled Kinetic Monte Carlo and Optical Measurements. ACS Energy Letters, 2018, 3, 2321-2328.	17.4	119
7	Fluorescence intermittency originates from re-clustering in two-dimensional organic semiconductors. Nature Communications, 2017, 8, 14521.	12.8	5
8	Molybdenum Carbamate Nanosheets as a New Class of Potential Phase Change Materials. Nano Letters, 2017, 17, 3902-3906.	9.1	3