

Susanne T Birkhold

List of Publications by Year in descending order

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1170
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface Band Bending Influences the Open-Circuit Voltage of Perovskite Solar Cells. ACS Applied Energy Materials, 2019, 2, 4045-4052.	5.1	15
2	Perovskite-Polymer Blends Influencing Microstructures, Nonradiative Recombination Pathways, and Photovoltaic Performance of Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2018, 10, 42542-42551.	8.0	50
3	Direct Observation and Quantitative Analysis of Mobile Frenkel Defects in Metal Halide Perovskites Using Scanning Kelvin Probe Microscopy. Journal of Physical Chemistry C, 2018, 122, 12633-12639.	3.1	58
4	Mechanism and Impact of Cation Polarization in Methylammonium Lead Iodide. Journal of Physical Chemistry C, 2018, 122, 12140-12147.	3.1	9
5	Interplay of Mobile Ions and Injected Carriers Creates Recombination Centers in Metal Halide Perovskites under Bias. ACS Energy Letters, 2018, 3, 1279-1286.	17.4	106
6	Impact of Crystal Surface on Photoexcited States in Organic-Inorganic Perovskites. Advanced Functional Materials, 2017, 27, 1604995.	14.9	23
7	Benzimidazolium Lead Halide Perovskites: Effects of Anion Substitution and Dimensionality on the Bandgap. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2016, 642, 1369-1376.	1.2	29
8	Toward Fluorinated Spacers for MAPI-Derived Hybrid Perovskites: Synthesis, Characterization, and Phase Transitions of $(\text{FC}_2\text{H}_4\text{NH}_3)_2\text{PbCl}_4$. Chemistry of Materials, 2016, 28, 6560-6566.	6.7	74
9	H-aggregate analysis of P3HT thin films-Capability and limitation of photoluminescence and UV/Vis spectroscopy. Scientific Reports, 2016, 6, 32434.	3.3	53