

Susanne T Birkhold

List of Publications by Year in descending order

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1040056

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1170
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#	ARTICLE	IF	CITATIONS
1	Interplay of Mobile Ions and Injected Carriers Creates Recombination Centers in Metal Halide Perovskites under Bias. <i>ACS Energy Letters</i> , 2018, 3, 1279-1286.	17.4	106
2	Toward Fluorinated Spacers for MAPI-Derived Hybrid Perovskites: Synthesis, Characterization, and Phase Transitions of (FC ₂ H ₄ NH ₃) ₂ PbCl ₄ . <i>Chemistry of Materials</i> , 2016, 28, 6560-6566.	6.7	74
3	Direct Observation and Quantitative Analysis of Mobile Frenkel Defects in Metal Halide Perovskites Using Scanning Kelvin Probe Microscopy. <i>Journal of Physical Chemistry C</i> , 2018, 122, 12633-12639.	3.1	58
4	H-aggregate analysis of P3HT thin films-Capability and limitation of photoluminescence and UV/Vis spectroscopy. <i>Scientific Reports</i> , 2016, 6, 32434.	3.3	53
5	Perovskite-Polymer Blends Influencing Microstructures, Nonradiative Recombination Pathways, and Photovoltaic Performance of Perovskite Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 42542-42551.	8.0	50
6	Benzimidazolium Lead Halide Perovskites: Effects of Anion Substitution and Dimensionality on the Bandgap. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2016, 642, 1369-1376.	1.2	29
7	Impact of Crystal Surface on Photoexcited States in Organic-Inorganic Perovskites. <i>Advanced Functional Materials</i> , 2017, 27, 1604995.	14.9	23
8	Surface Band Bending Influences the Open-Circuit Voltage of Perovskite Solar Cells. <i>ACS Applied Energy Materials</i> , 2019, 2, 4045-4052.	5.1	15
9	Mechanism and Impact of Cation Polarization in Methylammonium Lead Iodide. <i>Journal of Physical Chemistry C</i> , 2018, 122, 12140-12147.	3.1	9