

Kristopher M Koskela

List of Publications by Year in descending order

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383
citing authors

#	ARTICLE	IF	CITATIONS
1	Kinetics and mechanistic details of bulk ZnO dissolution using a thiol-imidazole system. <i>Chemical Science</i> , 2022, 13, 3208-3215.	7.4	5
2	Surface Functionalization of Surfactant-Free Particles: A Strategy to Tailor the Properties of Nanocomposites for Enhanced Thermoelectric Performance. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	15
3	OD Nanocrystals as Light-Driven, Localized Charge-Injection Sources for the Contactless Manipulation of Atomically Thin 2D Materials. <i>Advanced Photonics Research</i> , 2021, 2, 2000151.	3.6	9
4	Solution Processing Cu ₃ BiS ₃ Absorber Layers with a Thiol-Amine Solvent Mixture. <i>ACS Applied Energy Materials</i> , 2021, 4, 11026-11031.	5.1	13
5	Progress of thiol-amine alkylamine™ solutions for thin film deposition. <i>Trends in Chemistry</i> , 2021, 3, 1061-1073.	8.5	18
6	Solution Deposition of a Bournonite CuPbSbS ₃ Semiconductor Thin Film from the Dissolution of Bulk Materials with a Thiol-Amine Solvent Mixture. <i>Journal of the American Chemical Society</i> , 2020, 142, 6173-6179.	13.7	22
7	Light-Driven Permanent Charge Separation across a Hybrid Zero-Dimensional/Two-Dimensional Interface. <i>Journal of Physical Chemistry C</i> , 2020, 124, 8000-8007.	3.1	14
8	Influence of Monomer Flux and Temperature on Morphology of Indium Oxide Nanocrystals during a Continuous Growth Synthesis. <i>Chemistry of Materials</i> , 2019, 31, 7638-7649.	6.7	5
9	Influence of Nanocrystal Size on the Optoelectronic Properties of Thin, Solution-Cast Sn-Doped In ₂ O ₃ Films. <i>Chemistry of Materials</i> , 2019, 31, 3370-3380.	6.7	35
10	Transition Metal-Doped Metal Oxide Nanocrystals: Efficient Substitutional Doping through a Continuous Growth Process. <i>Chemistry of Materials</i> , 2017, 29, 8167-8176.	6.7	47
11	Radial Dopant Placement for Tuning Plasmonic Properties in Metal Oxide Nanocrystals. <i>ACS Nano</i> , 2017, 11, 7719-7728.	14.6	69