

Kristopher M Koskela

List of Publications by Year in descending order

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