

Stephen L Gibbs

List of Publications by Year in descending order

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Version: 2024-02-01

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12
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249
citing authors

#	ARTICLE	IF	CITATIONS
1	Tuning Nanocrystal Surface Depletion by Controlling Dopant Distribution as a Route Toward Enhanced Film Conductivity. Nano Letters, 2018, 18, 2870-2878.	9.1	45
2	Quantitative Analysis of Extinction Coefficients of Tin-Doped Indium Oxide Nanocrystal Ensembles. Nano Letters, 2019, 19, 8149-8154.	9.1	43
3	Surface Depletion Layers in Plasmonic Metal Oxide Nanocrystals. Accounts of Chemical Research, 2019, 52, 2516-2524.	15.6	32
4	Assembly of Linked Nanocrystal Colloids by Reversible Covalent Bonds. Chemistry of Materials, 2020, 32, 10235-10245.	6.7	27
5	Intrinsic Optical and Electronic Properties from Quantitative Analysis of Plasmonic Semiconductor Nanocrystal Ensemble Optical Extinction. Journal of Physical Chemistry C, 2020, 124, 24351-24360.	3.1	22
6	Modulation of the Visible Absorption and Reflection Profiles of ITO Nanocrystal Thin Films by Plasmon Excitation. ACS Photonics, 2020, 7, 1188-1196.	6.6	16
7	Quantitative Analysis of Plasmonic Metal Oxide Nanocrystal Ensembles Reveals the Influence of Dopant Selection on Intrinsic Optoelectronic Properties. Chemistry of Materials, 2021, 33, 6955-6964.	6.7	15
8	Dual-Mode Infrared Absorption by Segregating Dopants within Plasmonic Semiconductor Nanocrystals. Nano Letters, 2020, 20, 7498-7505.	9.1	12
9	Effect of Nonincorporative Cations on the Size and Shape of Indium Oxide Nanocrystals. Chemistry of Materials, 2020, 32, 9347-9354.	6.7	11
10	<i>In Situ</i> Optical Quantification of Extracellular Electron Transfer Using Plasmonic Metal Oxide Nanocrystals**. ChemElectroChem, 2022, 9, .	3.4	6
11	Contact Conductance Governs Metallicity in Conducting Metal Oxide Nanocrystal Films. Nano Letters, 2022, 22, 5009-5014.	9.1	3