

Nicholas C Anderson

List of Publications by Year in descending order

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21
papers

2,002
citations

471509

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713466

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docs citations

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times ranked

3563
citing authors

#	ARTICLE	IF	CITATIONS
1	Morphological Control of In _x Ga _{1-x} P Nanocrystals Synthesized in a Nonthermal Plasma. <i>Chemistry of Materials</i> , 2018, 30, 3131-3140.	6.7	3
2	Dynamic Evolution of 2D Layers within Perovskite Nanocrystals via Salt Pair Extraction and Reinsertion. <i>Journal of Physical Chemistry C</i> , 2018, 122, 14029-14038.	3.1	14
3	Targeted Ligand-Exchange Chemistry on Cesium Lead Halide Perovskite Quantum Dots for High-Efficiency Photovoltaics. <i>Journal of the American Chemical Society</i> , 2018, 140, 10504-10513.	13.7	303
4	Stereoelectronic Effects on the Binding of Neutral Lewis Bases to CdSe Nanocrystals. <i>Journal of the American Chemical Society</i> , 2018, 140, 7199-7205.	13.7	32
5	Tight Binding of Carboxylate, Phosphonate, and Carbamate Anions to Stoichiometric CdSe Nanocrystals. <i>Journal of the American Chemical Society</i> , 2017, 139, 3227-3236.	13.7	84
6	Covalent Surface Modification of Gallium Arsenide Photocathodes for Water Splitting in Highly Acidic Electrolyte. <i>ChemSusChem</i> , 2017, 10, 767-773.	6.8	27
7	Characterization of Silicon Nanocrystal Surfaces by Multidimensional Solid-State NMR Spectroscopy. <i>Chemistry of Materials</i> , 2017, 29, 10339-10351.	6.7	37
8	Synthesis and Spectroscopy of Silver-Doped PbSe Quantum Dots. <i>Journal of the American Chemical Society</i> , 2017, 139, 10382-10394.	13.7	58
9	Silicon Photoelectrode Thermodynamics and Hydrogen Evolution Kinetics Measured by Intensity-Modulated High-Frequency Resistivity Impedance Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 5253-5258.	4.6	16
10	Revealing the semiconductor-catalyst interface in buried platinum black silicon photocathodes. <i>Journal of Materials Chemistry A</i> , 2016, 4, 8123-8129.	10.3	15
11	Proton Reduction Using a Hydrogenase-Modified Nanoporous Black Silicon Photoelectrode. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 14481-14487.	8.0	44
12	All-Inorganic Germanium Nanocrystal Films by Cationic Ligand Exchange. <i>Nano Letters</i> , 2016, 16, 1949-1954.	9.1	32
13	Effect of Surface Stoichiometry on Blinking and Hole Trapping Dynamics in CdSe Nanocrystals. <i>Journal of Physical Chemistry C</i> , 2015, 119, 27797-27803.	3.1	55
14	Oxidatively Stable Nanoporous Silicon Photocathodes with Enhanced Onset Voltage for Photoelectrochemical Proton Reduction. <i>Nano Letters</i> , 2015, 15, 2517-2525.	9.1	80
15	Silyl Radical Abstraction in the Functionalization of Plasma-Synthesized Silicon Nanocrystals. <i>Chemistry of Materials</i> , 2015, 27, 6869-6878.	6.7	72
16	Time-resolved energy transfer from single chloride-terminated nanocrystals to graphene. <i>Applied Physics Letters</i> , 2014, 104, 171101.	3.3	23
17	Electrical Transport and Grain Growth in Solution-Cast, Chloride-Terminated Cadmium Selenide Nanocrystal Thin Films. <i>ACS Nano</i> , 2014, 8, 7513-7521.	14.6	41
18	Ligand Exchange and the Stoichiometry of Metal Chalcogenide Nanocrystals: Spectroscopic Observation of Facile Metal-Carboxylate Displacement and Binding. <i>Journal of the American Chemical Society</i> , 2013, 135, 18536-18548.	13.7	714

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19	Soluble, Chloride-Terminated CdSe Nanocrystals: Ligand Exchange Monitored by ¹ H and ³¹ P NMR Spectroscopy. Chemistry of Materials, 2013, 25, 69-76.	6.7	154
20	Broadband Absorbing Bulk Heterojunction Photovoltaics Using Low-Bandgap Solution-Processed Quantum Dots. Nano Letters, 2010, 10, 2635-2639.	9.1	123
21	Absence of Photoinduced Charge Transfer in Blends of PbSe Quantum Dots and Conjugated Polymers. ACS Nano, 2009, 3, 1345-1352.	14.6	75