

Adam E Colbert

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

257
citations

1307594

7
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

730
citing authors

#	ARTICLE	IF	CITATIONS
1	Rationalizing energy level alignment by characterizing Lewis acid/base and ionic interactions at printable semiconductor/ionic liquid interfaces. <i>Materials Horizons</i> , 2022, 9, 471-481.	12.2	3
2	Enhanced Infrared Photodiodes Based on PbS/PbCl ₂ Core/Shell Nanocrystals. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 58916-58926.	8.0	2
3	Effects of a Lead Chloride Shell on Lead Sulfide Quantum Dots. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 1914-1918.	4.6	14
4	Morphological consequences of ligand exchange in quantum dot - Polymer solar cells. <i>Organic Electronics</i> , 2018, 54, 119-125.	2.6	11
5	Subpicosecond Photon-Energy-Dependent Hole Transfer from PbS Quantum Dots to Conjugated Polymers. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 5150-5155.	4.6	3
6	Zr Incorporation into TiO ₂ Electrodes Reduces Hysteresis and Improves Performance in Hybrid Perovskite Solar Cells while Increasing Carrier Lifetimes. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 669-675.	4.6	106
7	Effects of Ligands on Charge Generation and Recombination in Hybrid Polymer/Quantum Dot Solar Cells. <i>Journal of Physical Chemistry C</i> , 2015, 119, 24733-24739.	3.1	34
8	Size-Dependent Charge Transfer Yields in Conjugated Polymer/Quantum Dot Blends. <i>Journal of Physical Chemistry C</i> , 2014, 118, 5710-5715.	3.1	24
9	Hot Hole Transfer Increasing Polaron Yields in Hybrid Conjugated Polymer/PbS Blends. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 208-211.	4.6	22
10	Hole Transfer from Low Band Gap Quantum Dots to Conjugated Polymers in Organic/Inorganic Hybrid Photovoltaics. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 280-284.	4.6	38