

Adam E Colbert

List of Publications by Year in descending order

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10
papers

257
citations

1307594

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1372567

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all docs

10
docs citations

10
times ranked

730
citing authors

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