

# Katherine Emily Shulenberger

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5011830/publications.pdf>

Version: 2024-02-01

14  
papers

790  
citations

840776

11  
h-index

1058476

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

1464  
citing authors

#	ARTICLE	IF	CITATIONS
1	Supramolecular Lattice Deformation and Exciton Trapping in Nanotubular J-Aggregates. <i>Journal of Physical Chemistry C</i> , 2022, 126, 4095-4105.	3.1	3
2	The Kinetics of Electron Transfer from CdS Nanorods to the MoFe Protein of Nitrogenase. <i>Journal of Physical Chemistry C</i> , 2022, 126, 8425-8435.	3.1	7
3	Resolving the Triexciton Recombination Pathway in CdSe/CdS Nanocrystals through State-Specific Correlation Measurements. <i>Nano Letters</i> , 2021, 21, 7457-7464.	9.1	13
4	Photocharging of Colloidal CdS Nanocrystals. <i>Journal of Physical Chemistry C</i> , 2021, 125, 22650-22659.	3.1	13
5	The Motion of Trapped Holes on Nanocrystal Surfaces. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 9876-9885.	4.6	4
6	Size-Dependent Biexciton Spectrum in CsPbBr <sub>3</sub> Perovskite Nanocrystals. <i>ACS Energy Letters</i> , 2019, 4, 2639-2645.	17.4	53
7	Setting an Upper Bound to the Biexciton Binding Energy in CsPbBr <sub>3</sub> Perovskite Nanocrystals. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 5680-5686.	4.6	29
8	Light Management in Organic Photovoltaics Processed in Ambient Conditions Using ZnO Nanowire and Antireflection Layer with Nanocone Array. <i>Small</i> , 2019, 15, e1900508.	10.0	31
9	Triplet-Sensitization by Lead Halide Perovskite Thin Films for Near-Infrared-to-Visible Upconversion. <i>ACS Energy Letters</i> , 2019, 4, 888-895.	17.4	117
10	Electron-Induced Radiolysis of Astrochemically Relevant Ammonia Ices. <i>ACS Earth and Space Chemistry</i> , 2019, 3, 800-810.	2.7	21
11	Coherent single-photon emission from colloidal lead halide perovskite quantum dots. <i>Science</i> , 2019, 363, 1068-1072.	12.6	345
12	Precursor Concentration Affects Grain Size, Crystal Orientation, and Local Performance in Mixed-Ion Lead Perovskite Solar Cells. <i>ACS Applied Energy Materials</i> , 2018, 1, 6801-6808.	5.1	65
13	Multiexciton Lifetimes Reveal Triexciton Emission Pathway in CdSe Nanocrystals. <i>Nano Letters</i> , 2018, 18, 5153-5158.	9.1	27
14	Probing Linewidths and Biexciton Quantum Yields of Single Cesium Lead Halide Nanocrystals in Solution. <i>Nano Letters</i> , 2017, 17, 6838-6846.	9.1	62