

Matthew A Koc

List of Publications by Year in descending order

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8
papers

1,085
citations

1307594

7
h-index

1588992

8
g-index

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8
docs citations

8
times ranked

2165
citing authors

#	ARTICLE	IF	CITATIONS
1	Design Principles for Trap-Free CsPbX ₃ Nanocrystals: Enumerating and Eliminating Surface Halide Vacancies with Softer Lewis Bases. <i>Journal of the American Chemical Society</i> , 2018, 140, 17760-17772.	13.7	446
2	Encapsulation of Perovskite Nanocrystals into Macroscale Polymer Matrices: Enhanced Stability and Polarization. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 35523-35533.	8.0	398
3	Tunable Anisotropic Photon Emission from Self-Organized CsPbBr ₃ Perovskite Nanocrystals. <i>Nano Letters</i> , 2017, 17, 4534-4540.	9.1	66
4	Structure of the Ice-Clathrate Interface. <i>Journal of Physical Chemistry C</i> , 2015, 119, 4104-4117.	3.1	65
5	The Quasi-Liquid Layer of Ice under Conditions of Methane Clathrate Formation. <i>Journal of Physical Chemistry C</i> , 2012, 116, 12172-12180.	3.1	59
6	Characterizing Photon Reabsorption in Quantum Dot-Polymer Composites for Use as Displacement Sensors. <i>ACS Nano</i> , 2017, 11, 2075-2084.	14.6	32
7	Pseudoelasticity at Large Strains in Au Nanocrystals. <i>Physical Review Letters</i> , 2018, 121, 056102.	7.8	17
8	Semi-Quantitative MALDI Measurements of Blood-Based Samples for Molecular Diagnostics. <i>Molecules</i> , 2022, 27, 997.	3.8	2