

Michael J Enright

List of Publications by Year in descending order

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papers

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933447

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483
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of Atomic Structure on Exciton Dynamics and Photoluminescence in NIR Emissive InAs/InP/ZnSe Quantum Dots. <i>Journal of Physical Chemistry C</i> , 2022, 126, 7576-7587.	3.1	7
2	3D Particle-Free Printing of Biocompatible Conductive Hydrogel Platforms for Neuron Growth and Electrophysiological Recording. <i>Advanced Functional Materials</i> , 2021, 31, 2010246.	14.9	38
3	Dynamic structure of active sites in ceria-supported Pt catalysts for the water gas shift reaction. <i>Nature Communications</i> , 2021, 12, 914.	12.8	103
4	Fabrication techniques for high-performance Si heterojunction (SHJ) microcells. , 2021, , .		0
5	Silicon Heterojunction Microcells. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 45600-45608.	8.0	1
6	Autonomous Light Management in Flexible Photoelectrochromic Films Integrating High Performance Silicon Solar Microcells. <i>ACS Applied Energy Materials</i> , 2020, 3, 1540-1551.	5.1	13
7	Seeded Growth of Nanoscale Semiconductor Tetrapods: Generality and the Role of Cation Exchange. <i>Chemistry of Materials</i> , 2020, 32, 4774-4784.	6.7	18
8	Modeling Equilibrium Binding at Quantum Dot Surfaces Using Cyclic Voltammetry. <i>Nano Letters</i> , 2020, 20, 2620-2624.	9.1	10
9	Photolytic C=O Bond Cleavage with Quantum Dots. <i>Chemistry of Materials</i> , 2019, 31, 2677-2682.	6.7	29
10	Effects of Zn ²⁺ and Ga ³⁺ doping on the quantum yield of cluster-derived InP quantum dots. <i>Journal of Chemical Physics</i> , 2019, 151, 194702.	3.0	21
11	Kinetically controlled assembly of cadmium chalcogenide nanorods and nanorod heterostructures. <i>Materials Chemistry Frontiers</i> , 2018, 2, 1296-1305.	5.9	12
12	Synthesis of tailor-made colloidal semiconductor heterostructures. <i>Chemical Communications</i> , 2018, 54, 7109-7122.	4.1	20
13	Quantifying Cation Exchange of Cd ²⁺ in ZnTe: A Challenge for Accessing Type II Heterostructures. <i>Chemistry of Materials</i> , 2017, 29, 666-672.	6.7	20