

Michael J Enright

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

292
citations

933447

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h-index

1199594

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14
all docs

14
docs citations

14
times ranked

483
citing authors

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