

Marcus J Smith

List of Publications by Year in descending order

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18
papers

490
citations

759233

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times ranked

992
citing authors

#	ARTICLE	IF	CITATIONS
1	Large and Emissive Crystals from Carbon Quantum Dots onto Interfacial Organized Templates. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 20167-20173.	13.8	14
2	Large and Emissive Crystals from Carbon Quantum Dots onto Interfacial Organized Templates. <i>Angewandte Chemie</i> , 2020, 132, 20342-20348.	2.0	0
3	Control of Whispering Gallery Modes and PT-Symmetry Breaking in Colloidal Quantum Dot Microdisk Lasers with Engineered Notches. <i>Nano Letters</i> , 2019, 19, 6049-6057.	9.1	13
4	Self-Assembly of Emissive Nanocellulose/Quantum Dot Nanostructures for Chiral Fluorescent Materials. <i>ACS Nano</i> , 2019, 13, 9074-9081.	14.6	115
5	Enhancing Plasmonic Photonic Hybrid Cavity Modes by Coupling of Individual Plasmonic Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2019, 123, 24255-24262.	3.1	14
6	Coupled Whispering Gallery Mode Resonators via Template-Assisted Assembly of Photoluminescent Microspheres. <i>Advanced Functional Materials</i> , 2019, 29, 1902520.	14.9	5
7	Heterogeneous forward and backward scattering modulation by polymer-infused plasmonic nanohole arrays. <i>Journal of Materials Chemistry C</i> , 2019, 7, 3090-3099.	5.5	8
8	Composite Structures with Emissive Quantum Dots for Light Enhancement. <i>Advanced Optical Materials</i> , 2019, 7, 1801072.	7.3	30
9	Robust lasing modes in coupled colloidal quantum dot microdisk pairs using a non-Hermitian exceptional point. <i>Nature Communications</i> , 2019, 10, 561.	12.8	32
10	Large-Area Lasing and Multicolor Perovskite Quantum Dot Patterns. <i>Advanced Optical Materials</i> , 2018, 6, 1800474.	7.3	95
11	Spectral and directional properties of elliptical quantum-dot microlasers. <i>Journal of Photonics for Energy</i> , 2018, 8, 1.	1.3	2
12	Robust, Uniform, and Highly Emissive Quantum Dot Polymer Films and Patterns Using Thiolene Chemistry. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 17435-17448.	8.0	32
13	Decay-to-Recovery Behavior and on/off Recovery of Photoluminescence Intensity from Core/Shell Quantum Dots. <i>ACS Photonics</i> , 2017, 4, 1691-1704.	6.6	10
14	Large-Scale Robust Quantum Dot Microdisk Lasers with Controlled High Quality Cavity Modes. <i>Advanced Optical Materials</i> , 2017, 5, 1700011.	7.3	21
15	Programmed Emission Transformations: Negative-to-Positive Patterning Using the Decay-to-Recovery Behavior of Quantum Dots. <i>Advanced Optical Materials</i> , 2017, 5, 1600509.	7.3	8
16	Large-Area Multicolor Emissive Patterns of Quantum Dot Polymer Films via Targeted Recovery of Emission Signature. <i>Advanced Optical Materials</i> , 2016, 4, 608-619.	7.3	27
17	Enhancement of optical gain characteristics of quantum dot films by optimization of organic ligands. <i>Journal of Materials Chemistry C</i> , 2016, 4, 10069-10081.	5.5	19
18	Core/Alloyed-Shell Quantum Dot Robust Solid Films with High Optical Gains. <i>ACS Photonics</i> , 2016, 3, 647-658.	6.6	45