

Alkiviathes Meldrum

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

311
citations

1040056

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888059

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22
all docs

22
docs citations

22
times ranked

564
citing authors

#	ARTICLE	IF	CITATIONS
1	Sensing using a fluorescent product generated from Cu ²⁺ assisted L-Ascorbic acid oxidation. Nano Select, 2022, 3, 723-732.	3.7	0
2	Ultrasensitive Picomolar Detection of Aqueous Acids in Microscale Fluorescent Droplets. ACS Sensors, 2022, 7, 245-252.	7.8	6
3	A Nanometric Probe of the Local Proton Concentration in Microtubule-Based Biophysical Systems. Nano Letters, 2022, 22, 517-523.	9.1	7
4	Two-Photon Fluorescence in Red and Violet Conjugated Polymer Microspheres. Inorganics, 2022, 10, 101.	2.7	3
5	Silicon Quantum Dot "Polymer Fabry" Rot Resonators with Narrowed and Tunable Emissions. ACS Applied Materials & Interfaces, 2021, 13, 27149-27158.	8.0	8
6	Wide Gamut Blended Conjugated Polymer Microspheres. Advanced Optical Materials, 2021, 9, 2101788.	7.3	6
7	Consistently High V_{oc} Values in p-i-n Type Perovskite Solar Cells Using Ni ³⁺ -Doped NiO Nanomesh as the Hole Transporting Layer. ACS Applied Materials & Interfaces, 2020, 12, 11467-11478.	8.0	48
8	Tailorable Indirect to Direct Band-Gap Double Perovskites with Bright White-Light Emission: Decoding Chemical Structure Using Solid-State NMR. Journal of the American Chemical Society, 2020, 142, 10780-10793.	13.7	58
9	A Tale of Seemingly "Identical" Silicon Quantum Dot Families: Structural Insight into Silicon Quantum Dot Photoluminescence. Chemistry of Materials, 2020, 32, 6838-6846.	6.7	22
10	An Ultrasensitive Fluorescent Paper-Based CO ₂ Sensor. ACS Applied Materials & Interfaces, 2020, 12, 20507-20513.	8.0	44
11	Ratiometric Detection of Nerve Agents by Coupling Complementary Properties of Silicon-Based Quantum Dots and Green Fluorescent Protein. ACS Applied Materials & Interfaces, 2019, 11, 33478-33488.	8.0	28
12	Metal-Organic Framework with Color-Switching and Strongly Polarized Emission. Chemistry of Materials, 2019, 31, 5816-5823.	6.7	16
13	Nanophotonic enhancement and improved electron extraction in perovskite solar cells using near-horizontally aligned TiO ₂ nanorods. Journal of Power Sources, 2019, 417, 176-187.	7.8	17
14	Reappraising the Luminescence Lifetime Distributions in Silicon Nanocrystals. Nanoscale Research Letters, 2018, 13, 383.	5.7	14
15	Ultrabright Fluorescent and Lasing Microspheres from a Conjugated Polymer. Advanced Functional Materials, 2018, 28, 1802759.	14.9	20
16	Multilayer route to iron nanoparticle formation in an insulating matrix. Journal of Applied Physics, 2007, 101, 034314.	2.5	8
17	Controlled Growth of Silicon Oxide Nanowires from a Patterned Reagent. Journal of Physical Chemistry C, 2007, 111, 1865-1867.	3.1	5
18	Structural and Optical Properties of Gold In MgO: Effects of Shape And The Interface. Materials Research Society Symposia Proceedings, 2001, 635, C1.5.1.	0.1	1

#	ARTICLE	IF	CITATIONS
19	Optical Response of Gold Nanoparticles in Dielectric Materials. Materials Research Society Symposia Proceedings, 2001, 635, C4.40.1.	0.1	0