

Claire A Mclellan

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

310
citations

1307594

7
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

682
citing authors

#	ARTICLE	IF	CITATIONS
1	Engineering Bright and Mechanosensitive Alkaline-Earth Rare-Earth Upconverting Nanoparticles. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 1547-1553.	4.6	10
2	Lanthanide-Based Nanosensors: Refining Nanoparticle Responsiveness for Single Particle Imaging of Stimuli. <i>ACS Photonics</i> , 2021, 8, 3-17.	6.6	31
3	Engineering quantum-coherent defects: The role of substrate miscut in chemical vapor deposition diamond growth. <i>Applied Physics Letters</i> , 2020, 117, 194001.	3.3	8
4	Bright Infrared-to-Ultraviolet/Visible Upconversion in Small Alkaline Earth-Based Nanoparticles with Biocompatible CaF ₂ Shells. <i>Angewandte Chemie</i> , 2020, 132, 21787-21796.	2.0	4
5	Bright Infrared-to-Ultraviolet/Visible Upconversion in Small Alkaline Earth-Based Nanoparticles with Biocompatible CaF ₂ Shells. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 21603-21612.	13.8	31
6	Alkaline-earth Rare-earth Upconverting Nanoparticles as Bio-compatible Mechanical Force Sensors. , 2020, , .		1
7	Optically Robust and Biocompatible Mechanosensitive Upconverting Nanoparticles. <i>ACS Central Science</i> , 2019, 5, 1211-1222.	11.3	30
8	Sub-20 nm Core-Shell Nanoparticles for Bright Upconversion and Enhanced Förster Resonant Energy Transfer. <i>Journal of the American Chemical Society</i> , 2019, 141, 16997-17005.	13.7	80
9	Optimizing the formation of depth-confined nitrogen vacancy center spin ensembles in diamond for quantum sensing. <i>Physical Review Materials</i> , 2019, 3, .	2.4	26
10	Patterned Formation of Highly Coherent Nitrogen-Vacancy Centers Using a Focused Electron Irradiation Technique. <i>Nano Letters</i> , 2016, 16, 2450-2454.	9.1	89