

# Claire A Mclellan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/97557/publications.pdf>

Version: 2024-02-01

10  
papers

310  
citations

1307594

7  
h-index

1474206

9  
g-index

10  
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10  
docs citations

10  
times ranked

682  
citing authors

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