

Chris Siefe

List of Publications by Year in descending order

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14
papers

457
citations

932766

10
h-index

1125271

13
g-index

14
all docs

14
docs citations

14
times ranked

798
citing authors

#	ARTICLE	IF	CITATIONS
1	Sub-20 nm Core-Shell Nanoparticles for Bright Upconversion and Enhanced First Resonant Energy Transfer. Journal of the American Chemical Society, 2019, 141, 16997-17005.	6.6	80
2	Improving Quantum Yield of Upconverting Nanoparticles in Aqueous Media via Emission Sensitization. Nano Letters, 2018, 18, 2689-2695.	4.5	69
3	Small Alkaline-Earth-based Core/Shell Nanoparticles for Efficient Upconversion. Nano Letters, 2019, 19, 3878-3885.	4.5	67
4	Bright, Mechanosensitive Upconversion with Cubic-Phase Heteroepitaxial Core-Shell Nanoparticles. Nano Letters, 2018, 18, 4454-4459.	4.5	55
5	Bright sub-20-nm cathodoluminescent nanoprobes for electron microscopy. Nature Nanotechnology, 2019, 14, 420-425.	15.6	36
6	Bright Infrared-Ultraviolet/Visible Upconversion in Small Alkaline Earth-Based Nanoparticles with Biocompatible CaF ₂ Shells. Angewandte Chemie - International Edition, 2020, 59, 21603-21612.	7.2	31
7	Lanthanide-Based Nanosensors: Refining Nanoparticle Responsiveness for Single Particle Imaging of Stimuli. ACS Photonics, 2021, 8, 3-17.	3.2	31
8	Optically Robust and Biocompatible Mechanosensitive Upconverting Nanoparticles. ACS Central Science, 2019, 5, 1211-1222.	5.3	30
9	Amorphous Mixed-Metal Oxide Thin Films from Aqueous Solution Precursors with Near-Atomic Smoothness. Journal of the American Chemical Society, 2016, 138, 16800-16808.	6.6	20
10	Merely Measuring the UV-Visible Spectrum of Gold Nanoparticles Can Change Their Charge State. Nano Letters, 2018, 18, 669-674.	4.5	19
11	Engineering Bright and Mechanosensitive Alkaline-Earth Rare-Earth Upconverting Nanoparticles. Journal of Physical Chemistry Letters, 2022, 13, 1547-1553.	2.1	10
12	Single Particle Cathodoluminescence Spectroscopy with Sub-20 nm, Electron-Stable Phosphors. ACS Photonics, 2021, 8, 1539-1547.	3.2	5
13	Bright Infrared-Ultraviolet/Visible Upconversion in Small Alkaline Earth-Based Nanoparticles with Biocompatible CaF ₂ Shells. Angewandte Chemie, 2020, 132, 21787-21796.	1.6	4
14	A Core-Shell-Shell Nanoparticle Architecture Towards Bright Upconversion and Improved First Resonant Energy Transfer. , 2020, , .		0