

# Yunfei Shang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8020068/publications.pdf>

Version: 2024-02-01

21  
papers

691  
citations

759055

12  
h-index

752573

20  
g-index

21  
all docs

21  
docs citations

21  
times ranked

990  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reproducible Single-Droplet multiplexed detection through Excitation-Encoded Tri-mode upconversion solid sensors. <i>Chemical Engineering Journal</i> , 2022, 430, 131242.	6.6	4
2	Advanced lanthanide doped upconversion nanomaterials for lasing emission. <i>Journal of Rare Earths</i> , 2022, 40, 687-695.	2.5	14
3	Activators Confined Upconversion Nanoprobe with Near-Unity Förster Resonance Energy Transfer Efficiency for Ultrasensitive Detection. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 19826-19835.	4.0	12
4	Recent Trends in Elpasolite Single Crystal Scintillators for Radiation Detection. <i>Crystals</i> , 2022, 12, 887.	1.0	9
5	Topology-controlled Polarized Photoluminescence from Rare-earth Doped Nanocrystals. , 2021, , .		0
6	Enhance the performance of dye-sensitized solar cells by constructing upconversion-core/semiconductor-shell structured NaYF <sub>4</sub> :Yb,Er @BiOCl microprisms. <i>Solar Energy</i> , 2021, 224, 563-568.	2.9	16
7	Numerical simulation for growing Large-scale and High-quality Zinc germanium phosphide crystals. <i>Journal of Crystal Growth</i> , 2021, 575, 126354.	0.7	3
8	Low threshold lasing emissions from a single upconversion nanocrystal. <i>Nature Communications</i> , 2020, 11, 6156.	5.8	49
9	Tuning the upconversion luminescence of cubic KMnF <sub>3</sub> :Yb <sup>3+</sup> /Er <sup>3+</sup> nanocrystals through inert lanthanide ion doping. <i>Journal of Materials Chemistry C</i> , 2020, 8, 2847-2851.	2.7	5
10	Topological nanophotonics for photoluminescence control. <i>Nanophotonics</i> , 2020, 10, 435-441.	2.9	16
11	Dual-Mode Upconversion Nanoprobe Enables Broad-Range Thermometry from Cryogenic to Room Temperature. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 42455-42461.	4.0	63
12	Optimizing concurrent extension of near-infrared and ultraviolet light harvesting of dye sensitized solar cells by introducing sandwich-nanostructured upconversion-core/inert-shell/downconversion-shell nanoparticles. <i>Journal of Power Sources</i> , 2019, 430, 43-50.	4.0	12
13	Confining excitation energy of Er <sup>3+</sup> -sensitized upconversion nanoparticles through introducing various energy trapping centers. <i>Journal of Materials Chemistry C</i> , 2018, 6, 3869-3875.	2.7	62
14	Constructing a "Native" Oxyfluoride Layer on Fluoride Particles for Enhanced Upconversion Luminescence. <i>Advanced Functional Materials</i> , 2018, 28, 1803946.	7.8	38
15	Enhancement of dye sensitized solar cell efficiency through introducing concurrent upconversion/downconversion core/shell nanoparticles as spectral converters. <i>Electrochimica Acta</i> , 2018, 282, 743-749.	2.6	24
16	Enhancing dye-sensitized solar cell efficiency through broadband near-infrared upconverting nanoparticles. <i>Nanoscale</i> , 2017, 9, 6711-6715.	2.8	99
17	Pleurotus nebrodensis polysaccharide (PN50G) evokes A549 cell apoptosis by the ROS/AMPK/PI3K/AKT/mTOR pathway to suppress tumor growth. <i>Food and Function</i> , 2016, 7, 1616-1627.	2.1	36
18	pH Mediated Control Synthesis of Lanthanide-Doped YPO <sub>4</sub> Upconversion Nano/Microcrystals. <i>American Journal of Engineering and Applied Sciences</i> , 2015, 8, 310-317.	0.3	6

#	ARTICLE	IF	CITATIONS
19	Enhancing Solar Cell Efficiency Using Photon Upconversion Materials. <i>Nanomaterials</i> , 2015, 5, 1782-1809.	1.9	142
20	Synthesis of Upconversion $\text{NaYF}_4:\text{Nd}^{3+}/\text{Yb}^{3+}/\text{Er}^{3+}$ Particles with Enhanced Luminescent Intensity through Control of Morphology and Phase. <i>Nanomaterials</i> , 2015, 5, 218-232.	1.9	43
21	Tuning the size and upconversion emission of $\text{NaYF}_4:\text{Yb}^{3+}/\text{Pr}^{3+}$ nanoparticles through $\text{Yb}^{3+}$ doping. <i>RSC Advances</i> , 2014, 4, 56302-56306.	1.7	38