

# Xiaowang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6877441/publications.pdf>

Version: 2024-02-01

11  
papers

1,296  
citations

1040056

9  
h-index

1281871

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

1687  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lanthanide-Activated Phosphors Based on 4f-5d Optical Transitions: Theoretical and Experimental Aspects. <i>Chemical Reviews</i> , 2017, 117, 4488-4527.	47.7	702
2	Binary temporal upconversion codes of Mn <sup>2+</sup> -activated nanoparticles for multilevel anti-counterfeiting. <i>Nature Communications</i> , 2017, 8, 899.	12.8	290
3	Recent Development in X-Ray Imaging Technology: Future and Challenges. <i>Research</i> , 2021, 2021, 9892152.	5.7	65
4	Organic phosphorescent scintillation from copolymers by X-ray irradiation. <i>Nature Communications</i> , 2022, 13, .	12.8	55
5	Self-assembly of colloidal inorganic nanocrystals: nanoscale forces, emergent properties and applications. <i>Chemical Society Reviews</i> , 2021, 50, 2074-2101.	38.1	54
6	Dual-Mode Long-Lived Luminescence of Mn <sup>2+</sup> -Doped Nanoparticles for Multilevel Anticounterfeiting. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 30146-30153.	8.0	42
7	Afterglow Carbon Dots: From Fundamentals to Applications. <i>Research</i> , 2021, 2021, .	5.7	30
8	Tuning Long-Lived Mn(II) Upconversion Luminescence through Alkaline-Earth Metal Doping and Energy-Level Tailoring. <i>Advanced Optical Materials</i> , 2019, 7, 1900519.	7.3	24
9	A General Strategy for Hollow Metal-Phytate Coordination Complex Micropolyhedra Enabled by Cation Exchange. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 20988-20995.	13.8	21
10	Tuning Luminescence of Lanthanide-Doped Upconversion Nanoparticles through Simultaneous Binary Cation Exchange. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 10947-10954.	8.0	7
11	A General Strategy for Hollow Metal-Phytate Coordination Complex Micropolyhedra Enabled by Cation Exchange. <i>Angewandte Chemie</i> , 2020, 132, 21174-21181.	2.0	6