

# Kumbam Lingeshwar Reddy

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/902089/publications.pdf>

Version: 2024-02-01

11  
papers

587  
citations

1163117  
8  
h-index

1281871  
11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

828  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mandelic Acid Appended Chiral Gels as Efficient Templates for Multicolour Circularly Polarized Luminescence. <i>Nanoscale</i> , 2022, , .	5.6	10
2	A Facile Approach for the Ligand Free Synthesis of Biocompatible Upconversion Nanophosphors. <i>Frontiers in Chemistry</i> , 2022, 10, .	3.6	2
3	Spectral Engineering and Morphological Tuning of Amino Acid Capped Hydrophilic Upconversion Nanophosphors. <i>Journal of Physical Chemistry C</i> , 2021, 125, 26263-26273.	3.1	2
4	Wide spectrum photocatalytic activity in lanthanide-doped upconversion nanophosphors coated with porous TiO <sub>2</sub> and Ag-Cu bimetallic nanoparticles. <i>Journal of Hazardous Materials</i> , 2019, 367, 694-705.	12.4	90
5	Rational Design and Development of Lanthanide-Doped NaYF <sub>4</sub> @CdS@Au@RGO as Quaternary Plasmonic Photocatalysts for Harnessing Visible-Near-Infrared Broadband Spectrum. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 15565-15581.	8.0	156
6	Core-Shell Structures of Upconversion Nanocrystals Coated with Silica for Near Infrared Light Enabled Optical Imaging of Cancer Cells. <i>Micromachines</i> , 2018, 9, 400.	2.9	9
7	Lanthanide Doped Near Infrared Active Upconversion Nanophosphors: Fundamental Concepts, Synthesis Strategies, and Technological Applications. <i>Small</i> , 2018, 14, e1801304.	10.0	103
8	Microwave-assisted one-step synthesis of acetate-capped NaYF <sub>4</sub> :Yb/Er upconversion nanocrystals and their application in bioimaging. <i>Journal of Materials Science</i> , 2017, 52, 5738-5750.	3.7	27
9	Enhancement of Luminescence Intensity in Red Emitting NaYF <sub>4</sub> :Yb/Ho/Mn Upconversion Nanophosphors by Variation of Reaction Parameters. <i>Journal of Physical Chemistry C</i> , 2017, 121, 11783-11793.	3.1	57
10	Nanocomposite of MoS <sub>2</sub> -RGO as Facile, Heterogeneous, Recyclable, and Highly Efficient Green Catalyst for One-Pot Synthesis of Indole Alkaloids. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 8551-8567.	6.7	82
11	Near-infrared driven photocatalytic performance of lanthanide-doped NaYF <sub>4</sub> @CdS core-shell nanostructures with enhanced upconversion properties. <i>Journal of Alloys and Compounds</i> , 2017, 724, 481-491.	5.5	49