

# Kumbam Lingeshwar Reddy

## List of Publications by Year in descending order

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

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11  
papers

587  
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1163117  
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1281871  
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docs citations

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times ranked

828  
citing authors

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