

# Ranjana Rautela

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

142  
citations

1307594

7  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

228  
citing authors

#	ARTICLE	IF	CITATIONS
1	Luminescence characteristics and room temperature phosphorescence of naphthoic acids in polymers. <i>Journal of Luminescence</i> , 2013, 138, 122-128.	3.1	27
2	UV Illumination as a Method to Improve the Performance of Gas Sensors Based on Graphene Field-Effect Transistors. <i>ACS Sensors</i> , 2021, 6, 4417-4424.	7.8	21
3	Determinants of the efficiency of photon upconversion by triplet-triplet annihilation in the solid state: zinc porphyrin derivatives in PVA. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 23471-23482.	2.8	15
4	Steady State and Time-Resolved Fluorescence Study of Isoquinoline: Reinvestigation of Excited State Proton Transfer. <i>Journal of Physical Chemistry A</i> , 2012, 116, 7272-7278.	2.5	14
5	Mechanistic Insight into the Limiting Factors of Graphene-Based Environmental Sensors. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 39764-39771.	8.0	13
6	Fluorescence properties of 4-amino salicylic acid in polymers. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2010, 216, 51-58.	3.9	12
7	Photophysical behavior and fluorescence quenching by halides of quinidine dication: Steady state and time resolved study. <i>Journal of Luminescence</i> , 2015, 158, 412-416.	3.1	11
8	Graphene Field Effect Transistors: A Sensitive Platform for Detecting Sarin. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 61751-61757.	8.0	9
9	Fluorescence studies of some protonated cinchona alkaloids in polymers. <i>Journal of Luminescence</i> , 2011, 131, 1550-1555.	3.1	7
10	Fluorescence quenching of 8-methyl quinolinium: An efficient halide indicator mechanism. <i>Journal of Molecular Liquids</i> , 2016, 218, 632-636.	4.9	6
11	Polymer microenvironmental effects on the photophysics of cinchonine dication. <i>Journal of Luminescence</i> , 2010, 130, 1994-1998.	3.1	5
12	Photophysical study of dansylamide in polymeric micro-environment. <i>Journal of Molecular Structure</i> , 2021, 1227, 129573.	3.6	2