

Vadivel Ramanan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8040129/publications.pdf>

Version: 2024-02-01

12
papers

472
citations

1306789

7
h-index

1199166

12
g-index

12
all docs

12
docs citations

12
times ranked

641
citing authors

#	ARTICLE	IF	CITATIONS
1	Fluorescence spotting of latent sweat fingerprints with zinc oxide carbon dots embedded in a silica gel nanopowder: a green approach. <i>New Journal of Chemistry</i> , 2021, 45, 17447-17460.	1.4	12
2	Water-Soluble Pyrene-Adorned Imidazolium Salts with Multicolor Solid-State Fluorescence: Synthesis, Structure, Photophysical Properties, and Application on the Detection of Latent Fingerprints. <i>ACS Omega</i> , 2021, 6, 10318-10332.	1.6	7
3	Commonly available, everyday materials as non-conventional powders for the visualization of latent fingerprints. <i>Forensic Chemistry</i> , 2021, 24, 100339.	1.7	19
4	Synthesis of highly luminescent carbon dots from postconsumer waste silk cloth and investigation of its electron transfer dynamics with methyl viologen dichloride. <i>Journal of the Indian Chemical Society</i> , 2021, 98, 100181.	1.3	3
5	Facile and green synthesis of highly fluorescent nitrogen-doped carbon dots from jackfruit seeds and its applications towards the fluorimetric detection of Au ³⁺ ions in aqueous medium and in <i>in vitro</i> multicolor cell imaging. <i>New Journal of Chemistry</i> , 2019, 43, 11710-11719.	1.4	53
6	Environmentally benign, facile and selective recovery of gold from aqueous media: synergic role of carbon dots as green reductant and sensor towards Au ³⁺ ions. <i>RSC Advances</i> , 2019, 9, 39689-39698.	1.7	4
7	A green synthesis of highly luminescent carbon dots from itaconic acid and their application as an efficient sensor for Fe ³⁺ ions in aqueous medium. <i>New Journal of Chemistry</i> , 2018, 42, 8933-8942.	1.4	41
8	Green Synthesis of Multifunctionalized, Nitrogen-Doped, Highly Fluorescent Carbon Dots from Waste Expanded Polystyrene and Its Application in the Fluorimetric Detection of Au ³⁺ Ions in Aqueous Media. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 1627-1638.	3.2	123
9	Deciphering the incognito role of water in a light driven proton coupled electron transfer process. <i>Chemical Science</i> , 2018, 9, 910-921.	3.7	8
10	Outright Green Synthesis of Fluorescent Carbon Dots from Eutrophic Algal Blooms for In Vitro Imaging. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 4724-4731.	3.2	193
11	Probing electron transfer dynamics of phenosafranin with iodide. <i>Journal of Luminescence</i> , 2016, 169, 245-250.	1.5	1
12	New photophysical insights on effect of gold nanoparticles on the interaction between phthalocyanine and PC70BM in solution. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 150, 992-1001.	2.0	8