

Vadivel Ramanan

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

472
citations

1306789

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h-index

1199166

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all docs

12
docs citations

12
times ranked

641
citing authors

#	ARTICLE	IF	CITATIONS
1	Outright Green Synthesis of Fluorescent Carbon Dots from Eutrophic Algal Blooms for In Vitro Imaging. ACS Sustainable Chemistry and Engineering, 2016, 4, 4724-4731.	3.2	193
2	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. ACS Sustainable Chemistry and Engineering, 2018, 6, 1627-1638.	3.2	123
3	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. New Journal of Chemistry, 2019, 43, 11710-11719.	1.4	53
4	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. New Journal of Chemistry, 2018, 42, 8933-8942.	1.4	41
5	Commonly available, everyday materials as non-conventional powders for the visualization of latent fingerprints. Forensic Chemistry, 2021, 24, 100339.	1.7	19
6	Fluorescence spotting of latent sweat fingerprints with zinc oxide carbon dots embedded in a silica gel nanopowder: a green approach. New Journal of Chemistry, 2021, 45, 17447-17460.	1.4	12
7	New photophysical insights on effect of gold nanoparticles on the interaction between phthalocyanine and PC70BM in solution. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 150, 992-1001.	2.0	8
8	Deciphering the incognito role of water in a light driven proton coupled electron transfer process. Chemical Science, 2018, 9, 910-921.	3.7	8
9	Water-Soluble Pyrene-Adorned Imidazolium Salts with Multicolor Solid-State Fluorescence: Synthesis, Structure, Photophysical Properties, and Application on the Detection of Latent Fingerprints. ACS Omega, 2021, 6, 10318-10332.	1.6	7
10	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. RSC Advances, 2019, 9, 39689-39698.	1.7	4
11	Synthesis of highly luminescent carbon dots from postconsumer waste silk cloth and investigation of its electron transfer dynamics with methyl viologen dichloride. Journal of the Indian Chemical Society, 2021, 98, 100181.	1.3	3
12	Probing electron transfer dynamics of phenosafranine with iodide. Journal of Luminescence, 2016, 169, 245-250.	1.5	1