k Radhakrishnan

List of Publications by Year
in descending order

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9 papers	363 citations	1039406 9 h-index	1473754 9 g-index
9 all docs	9 docs citations	9 times ranked	504 citing authors

#	Article	IF	Citations
1	A green synthetic route for the surface-passivation of carbon dots as an effective multifunctional fluorescent sensor for the recognition and detection of toxic metal ions from aqueous solution. Analytical Methods, 2019, 11, 490-506.	1.3	75
2	Green synthesis of surface-passivated carbon dots from the prickly pear cactus as a fluorescent probe for the dual detection of arsenic(<scp>iii</scp>) and hypochlorite ions from drinking water. RSC Advances, 2018, 8, 30455-30467.	1.7	70
3	Turn-On fluorescence sensor based detection of heavy metal ion using carbon dots@graphitic-carbon nitride nanocomposite probe. Journal of Photochemistry and Photobiology A: Chemistry, 2020, 389, 112204.	2.0	56
4	Fluorometric determination of lead(II) and mercury(II) based on their interaction with a complex formed between graphene oxide and a DNAzyme. Mikrochimica Acta, 2018, 185, 2.	2.5	46
5	MoS2 nanosheets as an effective fluorescent quencher for successive detection of arsenic ions in aqueous system. Applied Surface Science, 2018, 449, 31-38.	3.1	38
6	Colorimetric determination of Hg(II) sensor based on magnetic nanocomposite (Fe3O4@ZIF-67) acting as peroxidase mimics. Journal of Photochemistry and Photobiology A: Chemistry, 2018, 364, 715-724.	2.0	27
7	DNAzyme Based Amplified Biosensor on Ultrasensitive Fluorescence Detection of Pb (II) Ions from Aqueous System. Journal of Fluorescence, 2017, 27, 2101-2109.	1.3	23
8	A hybrid magnetic coreâ€“shell fibrous silica nanocomposite for a chemosensor-based highly effective fluorescent detection of Cu(<scp>ii</scp>). RSC Advances, 2017, 7, 45824-45833.	1.7	14
9	Magnetic core-shell fibrous silica functionalized with pyrene derivative for highly sensitive and selective detection of Hg (II) ion. Journal of Dispersion Science and Technology, 2019, 40, 1368-1377.	1.3	14