k Radhakrishnan

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	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.	3.9	56
2	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.	2.4	14
3	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.	2.7	75
4	MoS2 nanosheets as an effective fluorescent quencher for successive detection of arsenic ions in aqueous system. Applied Surface Science, 2018, 449, 31-38.	6.1	38
5	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.	5.0	46
6	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.	3.6	70
7	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.	3.9	27
8	A hybrid magnetic core–shell fibrous silica nanocomposite for a chemosensor-based highly effective fluorescent detection of Cu(<scp>ii</scp>). RSC Advances, 2017, 7, 45824-45833.	3.6	14
9	DNAzyme Based Amplified Biosensor on Ultrasensitive Fluorescence Detection of Pb (II) Ions from Aqueous System. Journal of Fluorescence, 2017, 27, 2101-2109.	2.5	23