

k Radhakrishnan

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

363
citations

1039406

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1473754

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9
times ranked

504
citing authors

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