Selva Kumar R

List of Publications by Year
in descending order

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24	451	687220 13	713332 21
papers	citations	h-index	g-index

24	24	24	385
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Development of the Smartphone-Assisted Colorimetric Detection of Thorium by Using New Schiffâ€™s Base and Its Applications to Real Time Samples. Inorganic Chemistry, 2018, 57, 15270-15279.	1.9	56
2	Highly selective turn-on fluorogenic chemosensor for Zn2+ based on chelation enhanced fluorescence. Inorganic Chemistry Communication, 2019, 102, 171-179.	1.8	54
3	A colorimetric and ratiometric fluorescent sensor for biogenic primary amines based on dicyanovinyl substituted phenanthridine conjugated probe. Dyes and Pigments, 2020, 178, 108346.	2.0	43
4	Bipyridine bisphosphonate-based fluorescent optical sensor and optode for selective detection of Zn²⁺ ions and its applications. New Journal of Chemistry, 2018, 42, 8494-8502.	1.4	31
5	Synthesis, characterisation, molecular docking, biomolecular interaction and cytotoxicity studies of novel ruthenium(<scp>ii</scp>)â€“arene-2-heteroarylbenzoxazole complexes. New Journal of Chemistry, 2019, 43, 3291-3302.	1.4	31
6	Highly selective fluorescent chemosensor for the relay detection of Al3+ and picric acid. Inorganic Chemistry Communication, 2019, 106, 165-173.	1.8	26
7	An â€œOff-On-Offâ€•type fluorescent chemosensor for the relay detection of Zn2+ and H2PO4â^' in aqueous environment. Inorganica Chimica Acta, 2020, 502, 119348.	1.2	24
8	A multifunctional Schiff-base as chromogenic chemosensor for Mn2+ and fluorescent chemosensor for Zn2+ in semi-aqueous environment. Inorganica Chimica Acta, 2019, 493, 49-56.	1.2	22
9	Highly selective CHEF-type chemosensor for lutetium (III) recognition in semi-aqueous media. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 214, 32-39.	2.0	19
10	Dual optical properties of new schiff base based on bisthiophene for sensing of Cu2+ in protic media. Journal of Molecular Structure, 2019, 1198, 126906.	1.8	16
11	A ninhydrinâ€“thiosemicarbazone based highly selective and sensitive chromogenic sensor for Hg2+ and Fâ^' ions. Journal of Chemical Sciences, 2020, 132, 1.	0.7	16
12	Visible colorimetric sensing of Zn2+ and CNâ^' by diaminomaleonitrile derived Schiffâ€™s base and its applications to pharmaceutical and food sample analysis. Inorganic Chemistry Communication, 2021, 130, 108708.	1.8	16
13	Luminescent ruthenium(II)-para-cymene complexes of aryl substituted imidazo-1,10-phenanthroline as anticancer agents and the effect of remote substituents on cytotoxic activities. Inorganica Chimica Acta, 2021, 515, 120066.	1.2	15
14	Development of highly selective chemosensor for chomium(III) estimation in aqueous environment. Inorganic Chemistry Communication, 2019, 101, 74-80.	1.8	13
15	Development of highly selective potentiometric thorium(<scp>iv</scp>) ion-selective electrode: exploration supported with optical and DFT analysis. Analytical Methods, 2019, 11, 1338-1345.	1.3	11
16	Phenanthridine-based fluorescence sensor for the â€œoff-onâ€•determination of thorium ion and its bio-imaging applications. Dyes and Pigments, 2022, 197, 109826.	2.0	11
17	A turn-on fluorescent probe for Lu3+ recognition and bio-imaging in live cells and zebrafish. Analytical Methods, 2021, 13, 212-221.	1.3	9
18	Luminescent Anticancer Acenaphtho[1,â€‰2â€b]quinoxaline: Green Synthesis, DFT and Molecular Docking Studies, Liveâ€Cell Imaging and Reactivity towards Nucleic Acid and Protein BSA. ChemistrySelect, 2018, 3, 5421-5430.	0.7	8

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19	A light activated CMP conjugated 8-aminoquinoline turn-on fluorescent optode for selective determination of Th⁴⁺in an aqueous environment. Dalton Transactions, 2019, 48, 12607-12614.	1.6	8
20	Development of highly selective dual mode chromogenic and fluorogenic chemosensor for Bi3+ ions. Journal of Molecular Structure, 2020, 1212, 128143.	1.8	6
21	Benzimidazolium ionic liquid tagged phenazine salophen as a bifunctional â€˜offâ€“onâ€™ PET based fluorescent sensor for aqueous phase detection of trinitrotoluene and picric acid. Journal of Materials Chemistry C, 2022, 10, 7949-7961.	2.7	5
22	Rapid detection strategies for the ultra-level chemosensing of uranyl ions. Dalton Transactions, 2021, 50, 14706-14713.	1.6	4
23	Highly selective phenanthroline based light-up fluorescent probe for monitoring Zr(IV) in aqueous medium. Inorganic Chemistry Communication, 2021, 125, 108406.	1.8	4
24	Experimental and Theoretical Study on the Biomolecular Interaction of Novel Acenaphtho Quinoxaline and Dipyridophenazine Analogues. ChemistrySelect, 2018, 3, 10593-10602.	0.7	3