

Lokesh Kumar Kumawat

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

2,123
citations

567144

15
h-index

610775

24
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25
all docs

25
docs citations

25
times ranked

2197
citing authors

#	ARTICLE	IF	CITATIONS
1	Coumarin-based fluorescent probe for the detection of glutathione and nitroreductase. <i>Tetrahedron</i> , 2021, 82, 131890.	1.0	5
2	Squaramide-Based Self-Associating Amphiphiles for Anion Recognition. <i>ChemPlusChem</i> , 2021, 86, 1058-1068.	1.3	8
3	Coumarin-based fluorescent AND logic gate probes for the detection of homocysteine and a chosen biological analyte. <i>RSC Advances</i> , 2019, 9, 26425-26428.	1.7	9
4	Squaramide-Naphthalimide Conjugates as Turn-On Fluorescent Sensors for Bromide Through an Aggregation-Disaggregation Approach. <i>Frontiers in Chemistry</i> , 2019, 7, 354.	1.8	21
5	The Versatility of Squaramides: From Supramolecular Chemistry to Chemical Biology. <i>CheM</i> , 2019, 5, 1398-1485.	5.8	106
6	Optical and electrochemical dual channel sensing of Cu ²⁺ using functionalized furo[2,3-d]pyrimidines-2,4[1H,3H]-diones. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 181, 73-81.	2.0	7
7	Dual ion selective fluorescence sensor with potential applications in sample monitoring and membrane sensing. <i>Sensors and Actuators B: Chemical</i> , 2017, 241, 1090-1098.	4.0	17
8	An easily accessible optical chemosensor for Cu ²⁺ based on novel imidazoazine framework, its performance characteristics and potential applications. <i>Sensors and Actuators B: Chemical</i> , 2017, 240, 365-375.	4.0	40
9	Novel Furochromenone based Dual Channel Sensors for Selective Detection of Cu ²⁺ with Potential Applications in Sample Monitoring, Membrane Sensing and Photo-printing. <i>ChemistrySelect</i> , 2016, 1, 277-284.	0.7	11
10	Structure property studies revealed a new indoylfuranone based bifunctional chemosensor for Cu ²⁺ and Al ³⁺ . <i>Analytical Methods</i> , 2016, 8, 7369-7379.	1.3	6
11	Novel synthesized antipyrine derivative based Naked eye colorimetric chemosensors for Al ³⁺ and Cr ³⁺ . <i>Sensors and Actuators B: Chemical</i> , 2016, 231, 847-859.	4.0	76
12	A new multifunctional rhodamine-derived probe for colorimetric sensing of Cu(II) and Al(III) and fluorometric sensing of Fe(III) in aqueous media. <i>Sensors and Actuators B: Chemical</i> , 2016, 223, 101-113.	4.0	200
13	An easily accessible switch-on optical chemosensor for the detection of noxious metal ions Ni(II), Zn(II), Fe(III) and UO ₂ (II). <i>Sensors and Actuators B: Chemical</i> , 2016, 222, 468-482.	4.0	80
14	Highly Selective Dual Channel Chemosensor Based on benzo[<i>b</i>]thiazole for Detection of Zn ions. <i>International Journal of Electrochemical Science</i> , 2016, 11, 8861-8873.	0.5	7
15	2-(Alkylamino)-3-caryloxy-6,7-dihydrobenzofuran-4(5 <i>H</i>)-ones: Improved Synthesis and their Photophysical Properties. <i>ChemistryOpen</i> , 2015, 4, 626-632.	0.9	24
16	A reversible fluorescence off-on-off sensor for sequential detection of aluminum and acetate/fluoride ions. <i>Talanta</i> , 2015, 144, 80-89.	2.9	344
17	Rational design of the first furoquinolinol based molecular systems for easy detection of Cu ²⁺ with potential applications in the area of membrane sensing. <i>RSC Advances</i> , 2015, 5, 106030-106037.	1.7	13
18	A novel optical sensor for copper ions based on phthalocyanine tetrasulfonic acid. <i>Sensors and Actuators B: Chemical</i> , 2015, 212, 389-394.	4.0	109

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19	Preparation of Iodide Selective Carbon Paste Electrode with Modified Carbon Nanotubes by Potentiometric Method and Effect of CuSâ€NP s on Its Response. <i>Electroanalysis</i> , 2015, 27, 1516-1522.	1.5	46
20	A highly selective colorimetric and turn-on fluorescent chemosensor based on 1-(2-pyridylazo)-2-naphthol for the detection of aluminium(III) ions. <i>Sensors and Actuators B: Chemical</i> , 2015, 209, 15-24.	4.0	112
21	Selective naked-eye detection of Magnesium (II) ions using a coumarin-derived fluorescent probe. <i>Sensors and Actuators B: Chemical</i> , 2015, 207, 216-223.	4.0	325
22	Thiazole Schiff base turn-on fluorescent chemosensor for Al ³⁺ ion. <i>Sensors and Actuators B: Chemical</i> , 2014, 195, 98-108.	4.0	424
23	A turn-on fluorescent chemosensor for Zn ²⁺ ions based on antipyrine schiff base. <i>Sensors and Actuators B: Chemical</i> , 2014, 204, 507-514.	4.0	88
24	A novel gadolinium ion-selective membrane electrode based on 2-(4-phenyl-1, 3-thiazol-2-yliminomethyl) phenol. <i>Electrochimica Acta</i> , 2013, 95, 132-138.	2.6	45