

Lokesh Kumar Kumawat

List of Publications by Citations

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24
papers

1,792
citations

14
h-index

25
g-index

25
ext. papers

1,939
ext. citations

6
avg, IF

5.27
L-index

#	Paper	IF	Citations
24	Thiazole Schiff base turn-on fluorescent chemosensor for Al ³⁺ ion. <i>Sensors and Actuators B: Chemical</i> , 2014 , 195, 98-108	8.5	375
23	A reversible fluorescence "off-on-off" sensor for sequential detection of aluminum and acetate/fluoride ions. <i>Talanta</i> , 2015 , 144, 80-9	6.2	307
22	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	8.5	293
21	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	8.5	169
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	8.5	97
19	A novel optical sensor for copper ions based on phthalocyanine tetrasulfonic acid. <i>Sensors and Actuators B: Chemical</i> , 2015 , 212, 389-394	8.5	94
18	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	8.5	73
17	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	8.5	72
16	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	8.5	64
15	The Versatility of Squaramides: From Supramolecular Chemistry to Chemical Biology. <i>Chem</i> , 2019 , 5, 1398-1485	16.2	53
14	Preparation of Iodide Selective Carbon Paste Electrode with Modified Carbon Nanotubes by Potentiometric Method and Effect of CuS-NPs on Its Response. <i>Electroanalysis</i> , 2015 , 27, 1516-1522	3	39
13	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	8.5	33
12	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	6.7	32
11	2-(Alkylamino)-3-aryl-6,7-dihydrobenzofuran-4(5H)-ones: Improved Synthesis and their Photophysical Properties. <i>ChemistryOpen</i> , 2015 , 4, 626-32	2.3	21
10	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	8.5	13
9	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	3.7	12
8	Squaramide-Naphthalimide Conjugates as "Turn-On" Fluorescent Sensors for Bromide Through an Aggregation-Disaggregation Approach. <i>Frontiers in Chemistry</i> , 2019 , 7, 354	5	10

- 7 Novel Furochromenone based Dual Channel Sensors for Selective Detection of Cu²⁺ with Potential Applications in Sample Monitoring, Membrane Sensing and PhotoPrinting. *ChemistrySelect*, **2016**, 1, 277-284 1.8 9
- 6 Coumarin-based fluorescent 'AND' logic gate probes for the detection of homocysteine and a chosen biological analyte.. *RSC Advances*, **2019**, 9, 26425-26428 3.7 7
- 5 Structure property studies revealed a new indoylfuranone based bifunctional chemosensor for Cu²⁺ and Al³⁺. *Analytical Methods*, **2016**, 8, 7369-7379 3.2 6
- 4 Highly Selective Dual Channel Chemosensor Based on benzo[d]thiazole for Detection of Zn²⁺ ions. *International Journal of Electrochemical Science*, 8861-8873 2.2 6
- 3 Optical and electrochemical dual channel sensing of Cu using functionalized furo[2,3-d]pyrimidines-2,4[1H,3H]-diones. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2017**, 181, 73-81 4.4 3
- 2 Coumarin-based fluorescent probe for the detection of glutathione and nitroreductase. *Tetrahedron*, **2021**, 82, 131890 2.4 2
- 1 Squaramide-Based Self-Associating Amphiphiles for Anion Recognition. *ChemPlusChem*, **2021**, 86, 1058-1068 1.8 2