

# Lokesh Kumar Kumawat

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Coumarin-based fluorescent probe for the detection of glutathione and nitroreductase. <i>Tetrahedron</i> , <b>2021</b> , 82, 131890	2.4	2
23	Squaramide-Based Self-Associating Amphiphiles for Anion Recognition. <i>ChemPlusChem</i> , <b>2021</b> , 86, 1058-1068	10.8	2
22	Coumarin-based fluorescent 'AND' logic gate probes for the detection of homocysteine and a chosen biological analyte.. <i>RSC Advances</i> , <b>2019</b> , 9, 26425-26428	3.7	7
21	Squaramide-Naphthalimide Conjugates as "Turn-On" Fluorescent Sensors for Bromide Through an Aggregation-Disaggregation Approach. <i>Frontiers in Chemistry</i> , <b>2019</b> , 7, 354	5	10
20	The Versatility of Squaramides: From Supramolecular Chemistry to Chemical Biology. <i>Chem</i> , <b>2019</b> , 5, 1398-1485	16.2	53
19	Optical and electrochemical dual channel sensing of Cu using functionalized furo[2,3-d]pyrimidines-2,4[1H,3H]-diones. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2017</b> , 181, 73-81	4.4	3
18	Dual ion selective fluorescence sensor with potential applications in sample monitoring and membrane sensing. <i>Sensors and Actuators B: Chemical</i> , <b>2017</b> , 241, 1090-1098	8.5	13
17	An easily accessible optical chemosensor for Cu <sup>2+</sup> based on novel imidazoazine framework, its performance characteristics and potential applications. <i>Sensors and Actuators B: Chemical</i> , <b>2017</b> , 240, 365-375	8.5	33
16	An easily accessible switch-on optical chemosensor for the detection of noxious metal ions Ni(II), Zn(II), Fe(III) and UO <sub>2</sub> (II). <i>Sensors and Actuators B: Chemical</i> , <b>2016</b> , 222, 468-482	8.5	73
15	Structure property studies revealed a new indoylfuranone based bifunctional chemosensor for Cu <sup>2+</sup> and Al <sup>3+</sup> . <i>Analytical Methods</i> , <b>2016</b> , 8, 7369-7379	3.2	6
14	Novel synthesized antipyrine derivative based Naked eye colorimetric chemosensors for Al <sup>3+</sup> and Cr <sup>3+</sup> . <i>Sensors and Actuators B: Chemical</i> , <b>2016</b> , 231, 847-859	8.5	64
13	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> , <b>2016</b> , 223, 101-113	8.5	169
12	Novel Furochromenone based Dual Channel Sensors for Selective Detection of Cu <sup>2+</sup> with Potential Applications in Sample Monitoring, Membrane Sensing and Photo Printing. <i>ChemistrySelect</i> , <b>2016</b> , 1, 277-284	1.8	9
11	A novel optical sensor for copper ions based on phthalocyanine tetrasulfonic acid. <i>Sensors and Actuators B: Chemical</i> , <b>2015</b> , 212, 389-394	8.5	94
10	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> , <b>2015</b> , 27, 1516-1522	3	39
9	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> , <b>2015</b> , 209, 15-24	8.5	97
8	Selective naked-eye detection of Magnesium (II) ions using a coumarin-derived fluorescent probe. <i>Sensors and Actuators B: Chemical</i> , <b>2015</b> , 207, 216-223	8.5	293

7	2-(Alkylamino)-3-aryl-6,7-dihydrobenzofuran-4(5H)-ones: Improved Synthesis and their Photophysical Properties. <i>ChemistryOpen</i> , <b>2015</b> , 4, 626-32	2.3	21
6	A reversible fluorescence "off-on-off" sensor for sequential detection of aluminum and acetate/fluoride ions. <i>Talanta</i> , <b>2015</b> , 144, 80-9	6.2	307
5	Rational design of the first furoquinolinol based molecular systems for easy detection of Cu <sup>2+</sup> with potential applications in the area of membrane sensing. <i>RSC Advances</i> , <b>2015</b> , 5, 106030-106037	3.7	12
4	Thiazole Schiff base turn-on fluorescent chemosensor for Al <sup>3+</sup> ion. <i>Sensors and Actuators B: Chemical</i> , <b>2014</b> , 195, 98-108	8.5	375
3	A turn-on fluorescent chemosensor for Zn <sup>2+</sup> ions based on antipyrine schiff base. <i>Sensors and Actuators B: Chemical</i> , <b>2014</b> , 204, 507-514	8.5	72
2	A novel gadolinium ion-selective membrane electrode based on 2-(4-phenyl-1,3-thiazol-2-yliminomethyl) phenol. <i>Electrochimica Acta</i> , <b>2013</b> , 95, 132-138	6.7	32
1	Highly Selective Dual Channel Chemosensor Based on benzo[d]thiazole for Detection of Zn <sup>2+</sup> ions. <i>International Journal of Electrochemical Science</i> , 8861-8873	2.2	6