

# Lokesh Kumar Kumawat

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3704670/publications.pdf>

Version: 2024-02-01

24  
papers

2,123  
citations

567144

15  
h-index

610775

24  
g-index

25  
all docs

25  
docs citations

25  
times ranked

2197  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thiazole Schiff base turn-on fluorescent chemosensor for Al <sup>3+</sup> ion. Sensors and Actuators B: Chemical, 2014, 195, 98-108.	4.0	424
2	A reversible fluorescence "on-off" sensor for sequential detection of aluminum and acetate/fluoride ions. Talanta, 2015, 144, 80-89.	2.9	344
3	Selective naked-eye detection of Magnesium (II) ions using a coumarin-derived fluorescent probe. Sensors and Actuators B: Chemical, 2015, 207, 216-223.	4.0	325
4	A new multifunctional rhodamine-derived probe for colorimetric sensing of Cu(II) and Al(III) and fluorometric sensing of Fe(III) in aqueous media. Sensors and Actuators B: Chemical, 2016, 223, 101-113.	4.0	200
5	A highly selective colorimetric and turn-on fluorescent chemosensor based on 1-(2-pyridylazo)-2-naphthol for the detection of aluminium(III) ions. Sensors and Actuators B: Chemical, 2015, 209, 15-24.	4.0	112
6	A novel optical sensor for copper ions based on phthalocyanine tetrasulfonic acid. Sensors and Actuators B: Chemical, 2015, 212, 389-394.	4.0	109
7	The Versatility of Squaramides: From Supramolecular Chemistry to Chemical Biology. Chem, 2019, 5, 1398-1485.	5.8	106
8	A turn-on fluorescent chemosensor for Zn <sup>2+</sup> ions based on antipyrine schiff base. Sensors and Actuators B: Chemical, 2014, 204, 507-514.	4.0	88
9	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). Sensors and Actuators B: Chemical, 2016, 222, 468-482.	4.0	80
10	Novel synthesized antipyrine derivative based "Naked eye" colorimetric chemosensors for Al <sup>3+</sup> and Cr <sup>3+</sup> . Sensors and Actuators B: Chemical, 2016, 231, 847-859.	4.0	76
11	Preparation of Iodide Selective Carbon Paste Electrode with Modified Carbon Nanotubes by Potentiometric Method and Effect of CuS@NPs on Its Response. Electroanalysis, 2015, 27, 1516-1522.	1.5	46
12	A novel gadolinium ion-selective membrane electrode based on 2-(4-phenyl-1, 3-thiazol-2-yliminomethyl) phenol. Electrochimica Acta, 2013, 95, 132-138.	2.6	45
13	An easily accessible optical chemosensor for Cu <sup>2+</sup> based on novel imidazoazine framework, its performance characteristics and potential applications. Sensors and Actuators B: Chemical, 2017, 240, 365-375.	4.0	40
14	2-(Alkylamino)acrylamide, 7-dihydrobenzofuran-4(5H)-ones: Improved Synthesis and their Photophysical Properties. ChemistryOpen, 2015, 4, 626-632.	0.9	24
15	Squaramide-Naphthalimide Conjugates as Turn-On Fluorescent Sensors for Bromide Through an Aggregation-Disaggregation Approach. Frontiers in Chemistry, 2019, 7, 354.	1.8	21
16	Dual ion selective fluorescence sensor with potential applications in sample monitoring and membrane sensing. Sensors and Actuators B: Chemical, 2017, 241, 1090-1098.	4.0	17
17	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. RSC Advances, 2015, 5, 106030-106037.	1.7	13
18	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. ChemistrySelect, 2016, 1, 277-284.	0.7	11

#	ARTICLE	IF	CITATIONS
19	Coumarin-based fluorescent AND™ logic gate probes for the detection of homocysteine and a chosen biological analyte. RSC Advances, 2019, 9, 26425-26428.	1.7	9
20	Squaramide-Based Self-Associating Amphiphiles for Anion Recognition. ChemPlusChem, 2021, 86, 1058-1068.	1.3	8
21	Optical and electrochemical dual channel sensing of Cu <sup>2+</sup> using functionalized furo[2,3-d]pyrimidines-2,4[1H,3H]-diones. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 181, 73-81.	2.0	7
22	Highly Selective Dual Channel Chemosensor Based on benzo[ <i>b</i> ]thiazole for Detection of Zn ions. International Journal of Electrochemical Science, 2016, 11, 8861-8873.	0.5	7
23	Structure property studies revealed a new indoylfuranone based bifunctional chemosensor for Cu <sup>2+</sup> and Al <sup>3+</sup> . Analytical Methods, 2016, 8, 7369-7379.	1.3	6
24	Coumarin-based fluorescent probe for the detection of glutathione and nitroreductase. Tetrahedron, 2021, 82, 131890.	1.0	5