

# Rakesh Purkait

## 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.

15  
papers

175  
citations

8  
h-index

13  
g-index

16  
ext. papers

229  
ext. citations

3.6  
avg, IF

3.45  
L-index

#	Paper	IF	Citations
15	A promising class of luminescent derivatives of Silver(I) and Gold(I)-N-heterocyclic carbene. <i>Applied Organometallic Chemistry</i> , <b>2020</b> , 34, e5673	3.1	3
14	X-ray structure of two Schiff bases: TURN-ON sensing of Fe and Al in the HepG2 cell line. <i>Analytical Methods</i> , <b>2020</b> , 12, 5485-5495	3.2	1
13	A Vanillinyl-Hydrazone Schiff Base: Recognition of Mg <sup>2+</sup> , Zn <sup>2+</sup> , Cd <sup>2+</sup> and I <sup>-</sup> by Turn-On Fluorescence Method. <i>ChemistrySelect</i> , <b>2020</b> , 5, 8274-8283	1.8	4
12	Design of a coumarinyl-picolinoyl hydrazide Schiff base for the fluorescence turn-on/off sequential sensing of Al <sup>3+</sup> and nitroaromatics, and electronic device fabrication. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 14979-14990	3.6	13
11	Fluorescence sensing and intracellular imaging of Pd <sup>2+</sup> ions by a novel coumarinyl-rhodamine Schiff base. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 3899-3906	3.6	12
10	Solvent-tuned discriminant sensing of Al <sup>3+</sup> , Mg <sup>2+</sup> and HF <sup>2-</sup> by vanillinyl-picolinyl hydrazide Schiff base. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 9815-9823	3.6	5
9	Aggregation-Induced Emission-Active Hydrazone-Based Probe: Selective Sensing of Al, HF <sup>-</sup> , and Nitro Explosives. <i>ACS Omega</i> , <b>2019</b> , 4, 8451-8464	3.9	17
8	Selective detection of trinitrophenol by a Cd(II)-based coordination compound.. <i>RSC Advances</i> , <b>2019</b> , 9, 38718-38723	3.7	8
7	An azine-based carbothioamide chemosensor for selective and sensitive turn-on-off sequential detection of Zn(II) and HPO <sub>4</sub> <sup>2-</sup> , live cell imaging and INHIBIT logic gate. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2019</b> , 207, 164-172	4.4	24
6	A hydrazine-based thiocarbamide probe for colorimetric and turn-on fluorometric detection of PO <sub>4</sub> <sup>3-</sup> and AsO <sub>3</sub> <sup>3-</sup> in semi-aqueous medium. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 6236-6246	3.6	16
5	Cu(II)-Based binuclear compound for the application of photosensitive electronic devices. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 8629-8637	3.6	11
4	A visible light excitable chromone appended hydrazide chemosensor for sequential sensing of Al <sup>3+</sup> and F <sup>-</sup> in aqueous medium and in Vero cells. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 257, 545-552	8.5	33
3	A multi-analyte responsive chemosensor vanillinyl Schiff base: fluorogenic sensing of Zn(II), Cd(II) and I <sup>-</sup> . <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 16653-16665	3.6	22
2	Highly selective and sensitive recognition of Zn(II) by a novel coumarinyl scaffold following spectrofluorometric technique and its application in living cells. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 16297-16306	3.6	6
1	Anion Dependent Imidazolium Protic Ionic Liquid Catalyzed Solvent-Free General Strategy for Chemoselective Fmoc and Cbz Protection of Amines and Their Chiral Analogues. <i>ChemistrySelect</i> , <b>2016</b> , 1, 2668-2672	1.8	0