

# Prakash Majee

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/7136524/prakash-majee-publications-by-citations.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

22  
papers

582  
citations

10  
h-index

24  
g-index

24  
ext. papers

692  
ext. citations

3.8  
avg, IF

4.29  
L-index

#	Paper	IF	Citations
22	Luminescent rare-earth-based MOFs as optical sensors. <i>Dalton Transactions</i> , <b>2017</b> , 46, 301-328	4.3	192
21	Optical detection of submicromolar levels of nitro explosives by a submicron sized metal-organic phosphor material. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 20908-20915	13	109
20	A Eu-Doped Y-Based Luminescent Metal-Organic Framework as a Highly Efficient Sensor for Nitroaromatic Explosives. <i>European Journal of Inorganic Chemistry</i> , <b>2015</b> , 2015, 1390-1397	2.3	42
19	Visible detection of explosive nitroaromatics facilitated by a large Stokes shift of luminescence using europium and terbium doped yttrium based MOFs. <i>RSC Advances</i> , <b>2015</b> , 5, 102076-102084	3.7	42
18	Detection of Pesticides in Aqueous Medium and in Fruit Extracts Using a Three-Dimensional Metal-Organic Framework: Experimental and Computational Study. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 12155-12165 <sup>36</sup>	5.1	36
17	Highly Selective Aqueous Phase Detection of Azinphos-Methyl Pesticide in ppb Level Using a Cage-Connected 3D MOF. <i>ChemistrySelect</i> , <b>2017</b> , 2, 5760-5768	1.8	31
16	A luminescent cadmium based MOF as selective and sensitive iodide sensor in aqueous medium. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2018</b> , 356, 389-396	4.7	28
15	Luminescent metal-organic framework-based phosphor for the detection of toxic oxoanions in an aqueous medium. <i>Dalton Transactions</i> , <b>2020</b> , 49, 829-840	4.3	19
14	Effect of charge transfer and structural rigidity on divergent luminescence response of a metal organic framework towards different metal ions: luminescence lifetime decay experiments and DFT calculations. <i>Photochemical and Photobiological Sciences</i> , <b>2019</b> , 18, 1110-1121	4.2	17
13	Detection of pesticide using the large Stokes shift of luminescence of a mixed lanthanide co-doped metal-organic framework. <i>Polyhedron</i> , <b>2019</b> , 158, 277-282	2.7	14
12	pH-Controlled Luminescence Turn-On Behaviour of a Water-Soluble Europium-Based Molecular Complex. <i>European Journal of Inorganic Chemistry</i> , <b>2016</b> , 2016, 4631-4636	2.3	10
11	Benzthiazoline-2-thione (BTT) revisited: An experimental and theoretical endeavor to understand UV-spectra. <i>Chemical Physics Letters</i> , <b>2017</b> , 686, 88-96	2.5	6
10	A lanthanide doped metal-organic framework demonstrated as naked eye detector of a trace of water in organic solvents including alcohols by monitoring the turn-on of luminescence. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2020</b> , 402, 112830	4.7	6
9	Selective Luminescence-Based Detection of Cd <sup>2+</sup> and Zn <sup>2+</sup> Ions in Water Using a Proton-Transferred Coordination Polymer-Amine Conjugate Pair. <i>ChemistrySelect</i> , <b>2017</b> , 2, 3388-3395	1.8	5
8	Trace-level and selective detection of uric acid by a luminescent Zn (II) based 1D coordination polymer in aqueous medium. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2018</b> , 365, 125-132 <sup>47</sup>	4.7	5
7	A selective detection of nanomolar-range noxious anions in water by a luminescent metal-organic framework. <i>Materials Advances</i> , <b>2021</b> , 2, 985-995	3.3	5
6	Dramatic luminescence signal from a Co(II)-based metal-organic compound due to the construction of charge-transfer bands with Al <sup>3+</sup> and Fe <sup>3+</sup> ions in water: steady-state and time-resolved spectroscopic studies. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 4376-4385	3.6	4

5	A Co(II) complex of a vitamer of vitamin B6 acts as a sensor for Hg <sup>2+</sup> and pH in aqueous media. <i>New Journal of Chemistry</i> , <b>2016</b> , 40, 6396-6404	3.6	4
4	Solvent Dependent Luminescence Sensing of Nitro-Explosives by a Terbium-Based Metal-Organic Complex. <i>ChemistrySelect</i> , <b>2018</b> , 3, 683-689	1.8	3
3	Response of a Zn(II)-based metal-organic coordination polymer towards trivalent metal ions (Al, Fe and Cr) probed by spectroscopic methods. <i>Dalton Transactions</i> , <b>2021</b> , 50, 7388-7399	4.3	3
2	pH response of a hydroxyl-functionalized luminescent metalorganic framework based phosphor. <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 9394-9402	3.6	1
1	Photophysical studies of a room temperature phosphorescent Cd(II) based MOF and its application towards ratiometric detection of Hg <sup>2+</sup> ions in water. <i>CrystEngComm</i> , <b>2021</b> , 23, 4160-4168	3.3	0