

# Chiranjib Gogoi

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Diamino group-functionalized Zr-based metal-organic framework for fluorescence sensing of free chlorine in the aqueous phase and Knoevenagel condensation. Dalton Transactions, 2022, 51, 6964-6975.	3.3	14
2	A self-cleaning hydrophobic MOF-based composite for highly efficient and recyclable separation of oil from water and emulsions. Materials Chemistry Frontiers, 2022, 6, 2051-2060.	5.9	14
3	Superhydrophobic Self-Cleaning Composite of a Metal-Organic Framework with Polypropylene Fabric for Efficient Removal of Oils from Oil-Water Mixtures and Emulsions. ACS Applied Nano Materials, 2022, 5, 10003-10014.	5.0	21
4	Specific fluorescence sensing of hydrogen sulphide by an azide functionalized Zr(IV) MOF with DUT-52 topology. Microporous and Mesoporous Materials, 2021, 311, 110725.	4.4	22
5	Diffusion driven nanostructuring of metal-organic frameworks (MOFs) for graphene hydrogel based tunable heterostructures: highly active electrocatalysts for efficient water oxidation. Journal of Materials Chemistry A, 2021, 9, 7640-7649.	10.3	18
6	Metal-Organic Framework (MOF) Derived Recyclable, Superhydrophobic Composite of Cotton Fabrics for the Facile Removal of Oil Spills. ACS Applied Materials & Interfaces, 2021, 13, 8563-8573.	8.0	78
7	A Zr-Based Metal-Organic Framework with a DUT-52 Structure Containing a Trifluoroacetamido-Functionalized Linker for Aqueous Phase Fluorescence Sensing of the Cyanide Ion and Aerobic Oxidation of Cyclohexane. Inorganic Chemistry, 2021, 60, 4539-4550.	4.0	26
8	Aqueous-Phase Nanomolar Detection of Dichromate by a Recyclable Cd(II) Metal-Organic Framework. Crystal Growth and Design, 2021, 21, 2680-2689.	3.0	19
9	Amino Group Functionalized Hf-Based Metal-Organic Framework for Knoevenagel-Doebner Condensation. European Journal of Inorganic Chemistry, 2021, 2021, 3396-3403.	2.0	8
10	Rapid recognition of fatal cyanide in water in a wide pH range by a trifluoroacetamido based metal-organic framework. New Journal of Chemistry, 2021, 45, 20193-20200.	2.8	14
11	Rational design of a functionalized aluminum metal-organic framework as a turn-off fluorescence sensor for $\beta$ -ketoglutaric acid. Dalton Transactions, 2020, 49, 16928-16934.	3.3	7
12	A new 3D luminescent Zn(ii)-organic framework containing a quinoline-2,6-dicarboxylate linker for the highly selective sensing of Fe(iii) ions. Dalton Transactions, 2019, 48, 1766-1773.	3.3	49
13	A pyrazine core-based luminescent Zr(IV) organic framework for specific sensing of Fe <sup>3+</sup> , picric acid and Cr <sub>2</sub> O <sub>7</sub> <sup>2-</sup> . CrystEngComm, 2019, 21, 6252-6260.	2.6	26
14	A new quinoline based luminescent Zr(IV) metal-organic framework for the ultrasensitive recognition of 4-nitrophenol and Fe(III) ions. Dalton Transactions, 2018, 47, 14696-14705.	3.3	59