Aniruddha Das

List of Publications by Year
in descending order

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15 papers	473 citations	759233 12 h-index	996975 15 g-index
15 all docs	15 docs citations	15 times ranked	533 citing authors

#	Article	IF	Citations
1	A multi-responsive carbazole-functionalized Zr(IV)-based metal-organic framework for selective sensing of Fe(III), cyanide and p -nitrophenol. Sensors and Actuators B: Chemical, 2017, 250, 121-131.	7.8	94
2	A dual functional MOF-based fluorescent sensor for intracellular phosphate and extracellular 4-nitrobenzaldehyde. Dalton Transactions, 2019, 48, 1332-1343.	3.3	56
3	Extraordinary sensitivity for H₂S and Fe(<scp>iii</scp>) sensing in aqueous medium by Al-MIL-53-N₃metalâ€“organic framework:in vitroandin vivoapplications of H₂S sensing. Dalton Transactions, 2018, 47, 2690-2700.	3.3	53
4	Highly Active Urea-Functionalized Zr(IV)-UiO-67 Metalâ€“Organic Framework as Hydrogen Bonding Heterogeneous Catalyst for Friedelâ€“Crafts Alkylation. Inorganic Chemistry, 2019, 58, 5163-5172.	4.0	51
5	A highly catalytically active Hf(IV) metal-organic framework for Knoevenagel condensation. Microporous and Mesoporous Materials, 2019, 284, 459-467.	4.4	47
6	A functionalized UiO-66 MOF for turn-on fluorescence sensing of superoxide in water and efficient catalysis for Knoevenagel condensation. Dalton Transactions, 2019, 48, 17371-17380.	3.3	40
7	Influence of Hydrogen Bond Donating Sites in UiOâ€66 Metalâ€Organic Framework for Highly Regioselective Methanolysis of Epoxides. ChemCatChem, 2020, 12, 1789-1798.	3.7	27
8	A functionalized UiO-66 MOF acting as a luminescent chemosensor for selective and sensitive turn-on detection of superoxide and acetylacetone. Microporous and Mesoporous Materials, 2021, 323, 111251.	4.4	26
9	A Thiophene-2-carboxamide-Functionalized Zr(IV) Organic Framework as a Prolific and Recyclable Heterogeneous Catalyst for Regioselective Ring Opening of Epoxides. Inorganic Chemistry, 2019, 58, 16581-16591.	4.0	16
10	Highly Active Bisamino Functionalized Zr(IV)â€UiOâ€67 Metalâ€Organic Framework for Cascade Catalysis. European Journal of Inorganic Chemistry, 2020, 2020, 2830-2834.	2.0	15
11	A phthalimide-functionalized UiO-66 metalâ€“organic framework for the fluorogenic detection of hydrazine in live cells. Dalton Transactions, 2019, 48, 12615-12621.	3.3	14
12	A hydrazine functionalized UiO-66(Hf) metalâ€“organic framework for the synthesis of quinolines via FriedlÃnder condensation. New Journal of Chemistry, 2020, 44, 10982-10988.	2.8	13
13	Amino Group Functionalized Hfâ€Based Metalâ€Organic Framework for Knoevenagelâ€Doebner Condensation. European Journal of Inorganic Chemistry, 2021, 2021, 3396-3403.	2.0	8
14	Rational design of a functionalized aluminum metalâ€“organic framework as a turn-off fluorescence sensor for Î±-ketoglutaric acid. Dalton Transactions, 2020, 49, 16928-16934.	3.3	7
15	A Cd(<scp>ii</scp>)-organic framework as a highly sensitive and rapid fluorometric sensor for ascorbic acid in aqueous medium. CrystEngComm, 2022, 24, 4723-4730.	2.6	6