Sanjog S Nagarkar

List of Publications by Year
in descending order

33 papers	4,466 citations	218592 26 h-index	360920 35 g-index
35 all docs	35 docs citations	35 times ranked	4722 citing authors

#	Article	IF	Citations
1	Highly Selective Detection of Nitro Explosives by a Luminescent Metalâ€“Organic Framework. Angewandte Chemie - International Edition, 2013, 52, 2881-2885.	7.2	1,206
2	A fluorescent metalâ€“organic framework for highly selective detection of nitro explosives in the aqueous phase. Chemical Communications, 2014, 50, 8915-8918.	2.2	486
3	Twoâ€inâ€One: Inherent Anhydrous and Waterâ€Assisted High Proton Conduction in a 3D Metalâ€“Organic Framework. Angewandte Chemie - International Edition, 2014, 53, 2638-2642.	7.2	367
4	Engineering metalâ€“organic frameworks for aqueous phase 2,4,6-trinitrophenol (TNP) sensing. CrystEngComm, 2016, 18, 2994-3007.	1.3	189
5	Aqueous phase selective detection of 2,4,6-trinitrophenol using a fluorescent metalâ€“organic framework with a pendant recognition site. Dalton Transactions, 2015, 44, 15175-15180.	1.6	161
6	A Continuous Ï€-Stacked Starfish Array of Two-Dimensional Luminescent MOF for Detection of Nitro Explosives. Crystal Growth and Design, 2013, 13, 3716-3721.	1.4	157
7	Encapsulating Mobile Proton Carriers into Structural Defects in Coordination Polymer Crystals: High Anhydrous Proton Conduction and Fuel Cell Application. Journal of the American Chemical Society, 2016, 138, 8505-8511.	6.6	146
8	A New Dimension for Coordination Polymers and Metalâ€“Organic Frameworks: Towards Functional Glasses and Liquids. Angewandte Chemie - International Edition, 2020, 59, 6652-6664.	7.2	146
9	Increase in Electrical Conductivity of MOF to Billion-Fold upon Filling the Nanochannels with Conducting Polymer. Journal of Physical Chemistry Letters, 2016, 7, 2945-2950.	2.1	127
10	A Dualâ€Ligand Porous Coordination Polymer Chemiresistor with Modulated Conductivity and Porosity. Angewandte Chemie - International Edition, 2020, 59, 172-176.	7.2	124
11	Stimulusâ€Responsive Metalâ€“Organic Frameworks. Chemistry - an Asian Journal, 2014, 9, 2358-2376.	1.7	109
12	Metal-organic framework based highly selective fluorescence turn-on probe for hydrogen sulphide. Scientific Reports, 2014, 4, 7053.	1.6	109
13	Selective CO₂ Adsorption in a Robust and Water-Stable Porous Coordination Polymer with New Network Topology. Inorganic Chemistry, 2012, 51, 572-576.	1.9	94
14	A Nitroâ€Functionalized Metalâ€“Organic Framework as a Reactionâ€Based Fluorescence Turnâ€On Probe for Rapid and Selective H₂S Detection. Chemistry - A European Journal, 2015, 21, 9994-9997.	1.7	93
15	Enhanced and Optically Switchable Proton Conductivity in a Melting Coordination Polymer Crystal. Angewandte Chemie - International Edition, 2017, 56, 4976-4981.	7.2	83
16	Role of Temperature on Framework Dimensionality: Supramolecular Isomers of Zn₃(RCOO)₈ Based Metal Organic Frameworks. Crystal Growth and Design, 2012, 12, 572-576.	1.4	78
17	Bi-porous metalâ€“organic framework with hydrophilic and hydrophobic channels: selective gas sorption and reversible iodine uptake studies. CrystEngComm, 2013, 15, 9465.	1.3	64
18	OFET based explosive sensors using diketopyrrolopyrrole and metal organic framework composite active channel material. Sensors and Actuators B: Chemical, 2016, 223, 114-122.	4.0	58

#	Article	IF	Citations
19	Crystal melting and glass formation in copper thiocyanate based coordination polymers. Chemical Communications, 2019, 55, 5455-5458.	2.2	57
20	Coordination polymer glass from a protic ionic liquid: proton conductivity and mechanical properties as an electrolyte. Chemical Science, 2020, 11, 5175-5181.	3.7	47
21	Chemical Adsorption and Physical Confinement of Polysulfides with the Janus-faced Interlayer for High-performance Lithium-Sulfur Batteries. Scientific Reports, 2017, 7, 17703.	1.6	35
22	High hydroxide conductivity in a chemically stable crystalline metalâ€“organic framework containing a water-hydroxide supramolecular chain. Chemical Communications, 2016, 52, 8459-8462.	2.2	32
23	Amino Acid Based Dynamic Metalâ€“Biomolecule Frameworks. Chemistry - A European Journal, 2013, 19, 11178-11183.	1.7	27
24	Modular Self-Assembly and Dynamics in Coordination Star Polymer Glasses: New Media for Ion Transport. Chemistry of Materials, 2018, 30, 8555-8561.	3.2	27
25	Enhanced and Optically Switchable Proton Conductivity in a Melting Coordination Polymer Crystal. Angewandte Chemie, 2017, 129, 5058-5063.	1.6	21
26	Bistable Dynamic Coordination Polymer Showing Reversible Structural and Functional Transformations. Inorganic Chemistry, 2012, 51, 8317-8321.	1.9	17
27	Eine neue Dimension von Koordinationspolymeren und Metallâ€organischen GerÃ¼sten: hin zu funktionellen GlÃsern und FlÃ¼ssigkeiten. Angewandte Chemie, 2020, 132, 6716-6729.	1.6	17
28	Structural Dynamism and Controlled Chemical Blocking/Unblocking of Active Coordination Space of a Soft Porous Crystal. Inorganic Chemistry, 2013, 52, 12784-12789.	1.9	16
29	Zn(ii) coordination polymer of an in situ generated 4-pyridyl (4Py) attached bis(amido)phosphate ligand, [PO2(NH4Py)2]âˆ’ showing preferential water uptake over aliphatic alcohols. Dalton Transactions, 2013, 42, 10964.	1.6	15
30	Network Size Control in Coordination Polymer Glasses and Its Impact on Viscosity and H⁺ Conductivity. Chemistry of Materials, 2022, 34, 5832-5841.	3.2	14
31	A proton-hopping charge storage mechanism of ionic one-dimensional coordination polymers for high-performance supercapacitors. Chemical Communications, 2017, 53, 11786-11789.	2.2	11
32	Synthesis of Oligodiacetylene Derivatives from Flexible Porous Coordination Frameworks. Journal of the American Chemical Society, 2017, 139, 13876-13881.	6.6	7
33	Reversible structural transformations in a Co(II)-based 2D dynamic metal-organic framework showing selective solvent uptake. Journal of Chemical Sciences, 2015, 127, 627-633.	0.7	5