

Sanjog S Nagarkar

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Network Size Control in Coordination Polymer Glasses and Its Impact on Viscosity and H ⁺ Conductivity. <i>Chemistry of Materials</i> , 2022, 34, 5832-5841.	3.2	14
2	A New Dimension for Coordination Polymers and Metal-Organic Frameworks: Towards Functional Glasses and Liquids. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 6652-6664.	7.2	146
3	A Dual-Ligand Porous Coordination Polymer Chemiresistor with Modulated Conductivity and Porosity. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 172-176.	7.2	124
4	Eine neue Dimension von Koordinationspolymeren und Metall-organischen Gerüsten: hin zu funktionellen Gläsern und Flüssigkeiten. <i>Angewandte Chemie</i> , 2020, 132, 6716-6729.	1.6	17
5	Coordination polymer glass from a protic ionic liquid: proton conductivity and mechanical properties as an electrolyte. <i>Chemical Science</i> , 2020, 11, 5175-5181.	3.7	47
6	Crystal melting and glass formation in copper thiocyanate based coordination polymers. <i>Chemical Communications</i> , 2019, 55, 5455-5458.	2.2	57
7	Modular Self-Assembly and Dynamics in Coordination Star Polymer Glasses: New Media for Ion Transport. <i>Chemistry of Materials</i> , 2018, 30, 8555-8561.	3.2	27
8	Enhanced and Optically Switchable Proton Conductivity in a Melting Coordination Polymer Crystal. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4976-4981.	7.2	83
9	Enhanced and Optically Switchable Proton Conductivity in a Melting Coordination Polymer Crystal. <i>Angewandte Chemie</i> , 2017, 129, 5058-5063.	1.6	21
10	A proton-hopping charge storage mechanism of ionic one-dimensional coordination polymers for high-performance supercapacitors. <i>Chemical Communications</i> , 2017, 53, 11786-11789.	2.2	11
11	Synthesis of Oligodiacetylene Derivatives from Flexible Porous Coordination Frameworks. <i>Journal of the American Chemical Society</i> , 2017, 139, 13876-13881.	6.6	7
12	Chemical Adsorption and Physical Confinement of Polysulfides with the Janus-faced Interlayer for High-performance Lithium-Sulfur Batteries. <i>Scientific Reports</i> , 2017, 7, 17703.	1.6	35
13	Increase in Electrical Conductivity of MOF to Billion-Fold upon Filling the Nanochannels with Conducting Polymer. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 2945-2950.	2.1	127
14	High hydroxide conductivity in a chemically stable crystalline metal-organic framework containing a water-hydroxide supramolecular chain. <i>Chemical Communications</i> , 2016, 52, 8459-8462.	2.2	32
15	Encapsulating Mobile Proton Carriers into Structural Defects in Coordination Polymer Crystals: High Anhydrous Proton Conduction and Fuel Cell Application. <i>Journal of the American Chemical Society</i> , 2016, 138, 8505-8511.	6.6	146
16	Engineering metal-organic frameworks for aqueous phase 2,4,6-trinitrophenol (TNP) sensing. <i>CrystEngComm</i> , 2016, 18, 2994-3007.	1.3	189
17	OFET based explosive sensors using diketopyrrolopyrrole and metal organic framework composite active channel material. <i>Sensors and Actuators B: Chemical</i> , 2016, 223, 114-122.	4.0	58
18	A Nitro-Functionalized Metal-Organic Framework as a Reaction-Based Fluorescence Turn-On Probe for Rapid and Selective H ₂ S Detection. <i>Chemistry - A European Journal</i> , 2015, 21, 9994-9997.	1.7	93

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19	Aqueous phase selective detection of 2,4,6-trinitrophenol using a fluorescent metal-organic framework with a pendant recognition site. Dalton Transactions, 2015, 44, 15175-15180.	1.6	161
20	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
21	Two-Phase: Inherent Anhydrous and Water-Assisted High Proton Conduction in a 3D Metal-Organic Framework. Angewandte Chemie - International Edition, 2014, 53, 2638-2642.	7.2	367
22	Stimulus-Responsive Metal-Organic Frameworks. Chemistry - an Asian Journal, 2014, 9, 2358-2376.	1.7	109
23	A fluorescent metal-organic framework for highly selective detection of nitro explosives in the aqueous phase. Chemical Communications, 2014, 50, 8915-8918.	2.2	486
24	Metal-organic framework based highly selective fluorescence turn-on probe for hydrogen sulphide. Scientific Reports, 2014, 4, 7053.	1.6	109
25	Amino Acid Based Dynamic Metal-Biomolecule Frameworks. Chemistry - A European Journal, 2013, 19, 11178-11183.	1.7	27
26	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
27	Zn(II) coordination polymer of an in situ generated 4-pyridyl (4Py) attached bis(amido)phosphate ligand, [PO ₂ (NH ₄ Py) ₂] ⁺ showing preferential water uptake over aliphatic alcohols. Dalton Transactions, 2013, 42, 10964.	1.6	15
28	Bi-porous metal-organic framework with hydrophilic and hydrophobic channels: selective gas sorption and reversible iodine uptake studies. CrystEngComm, 2013, 15, 9465.	1.3	64
29	Highly Selective Detection of Nitro Explosives by a Luminescent Metal-Organic Framework. Angewandte Chemie - International Edition, 2013, 52, 2881-2885.	7.2	1,206
30	A Continuous π -Stacked Starfish Array of Two-Dimensional Luminescent MOF for Detection of Nitro Explosives. Crystal Growth and Design, 2013, 13, 3716-3721.	1.4	157
31	Role of Temperature on Framework Dimensionality: Supramolecular Isomers of Zn ₃ (RCOO) ₈ Based Metal Organic Frameworks. Crystal Growth and Design, 2012, 12, 572-576.	1.4	78
32	Selective CO ₂ Adsorption in a Robust and Water-Stable Porous Coordination Polymer with New Network Topology. Inorganic Chemistry, 2012, 51, 572-576.	1.9	94
33	Bistable Dynamic Coordination Polymer Showing Reversible Structural and Functional Transformations. Inorganic Chemistry, 2012, 51, 8317-8321.	1.9	17