Yong Yan

List of Publications by Year
in descending order

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Version: 2024-02-01

30 papers	4,233 citations	279798 23 h-index	454955 30 g-index
31 all docs	31 docs citations	31 times ranked	5773 citing authors

#	Article	IF	Citations
1	Sulfone-containing covalent organic frameworks for photocatalytic hydrogen evolution from water. Nature Chemistry, 2018, 10, 1180-1189.	13.6	883
2	Tuning the Selectivity of Two Chemosensors to Fe(III) and Cr(III). Organic Letters, 2007, 9, 4567-4570.	4.6	363
3	Exceptionally high H2 storage by a metalâ€“organic polyhedral framework. Chemical Communications, 2009, , 1025.	4.1	316
4	A Robust Binary Supramolecular Organic Framework (SOF) with High CO₂ Adsorption and Selectivity. Journal of the American Chemical Society, 2014, 136, 12828-12831.	13.7	287
5	Metalâ^'Organic Polyhedral Frameworks: High H₂ Adsorption Capacities and Neutron Powder Diffraction Studies. Journal of the American Chemical Society, 2010, 132, 4092-4094.	13.7	281
6	Studies on Metalâ€“Organic Frameworks of Cu(II) with Isophthalate Linkers for Hydrogen Storage. Accounts of Chemical Research, 2014, 47, 296-307.	15.6	261
7	Bisphosphonate-Anchored PEGylation and Radiolabeling of Superparamagnetic Iron Oxide: Long-Circulating Nanoparticles for in Vivo Multimodal (T1 MRI-SPECT) Imaging. ACS Nano, 2013, 7, 500-512.	14.6	253
8	Structural and dynamic studies of substrate binding in porous metalâ€“organic frameworks. Chemical Society Reviews, 2017, 46, 239-274.	38.1	206
9	Photocatalytic Hydrogen Evolution from Water Using Fluorene and Dibenzothiophene Sulfone-Conjugated Microporous and Linear Polymers. Chemistry of Materials, 2019, 31, 305-313.	6.7	173
10	A mesoporous metalâ€“organic framework constructed from a nanosized C3-symmetric linker and [Cu24(isophthalate)24] cuboctahedra. Chemical Communications, 2011, 47, 9995.	4.1	130
11	Modulating the packing of [Cu24(isophthalate)24] cuboctahedra in a triazole-containing metalâ€“organic polyhedral framework. Chemical Science, 2013, 4, 1731.	7.4	123
12	Analysis of High and Selective Uptake of CO₂ in an Oxamideâ€Containing {Cu₂(OOCR)₄}â€Based Metalâ€“Organic Framework. Chemistry - A European Journal, 2014, 20, 7317-7324.	3.3	119
13	Selective Hysteretic Sorption of Light Hydrocarbons in a Flexible Metalâ€“Organic Framework Material. Chemistry of Materials, 2016, 28, 2331-2340.	6.7	112
14	Non-Interpenetrated Metalâ€“Organic Frameworks Based on Copper(II) Paddlewheel and Oligoparaxylene-Isophthalate Linkers: Synthesis, Structure, and Gas Adsorption. Journal of the American Chemical Society, 2016, 138, 3371-3381.	13.7	104
15	Porous Metalâ€“Organic Polyhedral Frameworks with Optimal Molecular Dynamics and Pore Geometry for Methane Storage. Journal of the American Chemical Society, 2017, 139, 13349-13360.	13.7	99
16	Aluminium hydroxide stabilised MnFe2O4 and Fe3O4 nanoparticles as dual-modality contrasts agent for MRI and PET imaging. Biomaterials, 2014, 35, 5840-5846.	11.4	81
17	Modifying Cage Structures in Metalâ€“Organic Polyhedral Frameworks for H₂ Storage. Chemistry - A European Journal, 2011, 17, 11162-11170.	3.3	73
18	Unusual and Tunable Negative Linear Compressibility in the Metalâ€“Organic Framework MFM-133(M) (M) Tj ETQq0 0 0 rgBT /Overlock	13.7	60

#	Article	IF	Citations
19	Synthesis, Characterization, and Application of Coreâ€“Shell Co_{0.16}Fe_{2.84}O₄@NaYF₄(Yb, Er) and Fe₃O₄@NaYF₄(Yb, Tm) Nanoparticle as Trimodal (MRI, PET/SPECT,) Tj ETQq1 1 0.784314 rgBT	3.6	59
20	Polycatenated 2D Hydrogen-Bonded Binary Supramolecular Organic Frameworks (SOFs) with Enhanced Gas Adsorption and Selectivity. Crystal Growth and Design, 2018, 18, 2555-2562.	3.0	49
21	Amides Do Not Always Work: Observation of Guest Binding in an Amide-Functionalized Porous Metalâ€“Organic Framework. Journal of the American Chemical Society, 2016, 138, 14828-14831.	13.7	44
22	Amino Acid Residues Determine the Response of Flexible Metalâ€“Organic Frameworks to Guests. Journal of the American Chemical Society, 2020, 142, 14903-14913.	13.7	29
23	Aluminum Metalâ€“Organic Frameworkâ€“Silver Nanoparticle Composites for Catalytic Reduction of Nitrophenols. ACS Applied Nano Materials, 2020, 3, 11426-11433.	5.0	27
24	Guest-Controlled Incommensurate Modulation in a Meta-Rigid Metalâ€“Organic Framework Material. Journal of the American Chemical Society, 2020, 142, 19189-19197.	13.7	24
25	High Volumetric Hydrogen Adsorption in a Porous Anthracene-Decorated Metalâ€“Organic Framework. Inorganic Chemistry, 2018, 57, 12050-12055.	4.0	23
26	Al(OH)₃ facilitated synthesis of water-soluble, magnetic, radiolabelled and fluorescent hydroxyapatite nanoparticles. Chemical Communications, 2015, 51, 9332-9335.	4.1	21
27	Methane Adsorption in Metalâ€“Organic Frameworks Containing Nanographene Linkers: A Computational Study. Journal of Physical Chemistry C, 2014, 118, 15573-15580.	3.1	17
28	Synthesis and in vivo evaluation of PEG-BPâ€“BaYbF5 nanoparticles for computed tomography imaging and their toxicity. Journal of Materials Chemistry B, 2020, 8, 7723-7732.	5.8	8
29	The Anisotropic Responses of a Flexible Metalâ€“Organic Framework Constructed from Asymmetric Flexible Linkers and Heptanuclear Zinc Carboxylate Secondary Building Units. Crystal Growth and Design, 2019, 19, 5604-5618.	3.0	6
30	Editorial: Functional Metal-Organic Frameworks: Gas Sorption, Separation, and Heterogeneous Catalysis. Frontiers in Materials, 2019, 6, .	2.4	1