Jiangtao Jia

List of Publications by Year in descending order

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34 papers	1,691 citations	331670 21 h-index	377865 34 g-index
35 all docs	35 docs citations	35 times ranked	2215 citing authors

#	Article	IF	Citations
1	Metalâ€“Organic Frameworks in Mixed-Matrix Membranes for High-Speed Visible-Light Communication. Journal of the American Chemical Society, 2022, 144, 6813-6820.	13.7	23
2	Asymmetric pore windows in MOF membranes for natural gas valorization. Nature, 2022, 606, 706-712.	27.8	163
3	Reticular Chemistry for the Construction of Highly Porous Aluminum-Based nia-Metalâ€“Organic Frameworks. Inorganic Chemistry, 2022, 61, 10661-10666.	4.0	8
4	Directional Exciton Migration in Benzoimidazole-Based Metalâ€“Organic Frameworks. Journal of Physical Chemistry Letters, 2021, 12, 4917-4927.	4.6	10
5	Electrochemical synthesis of continuous metalâ€“organic framework membranes for separation of hydrocarbons. Nature Energy, 2021, 6, 882-891.	39.5	115
6	Unusual design strategy for a stable and soluble high-molecular-weight copper(<scp>i</scp>) arylacetylide polymer. Chemical Communications, 2021, 57, 12004-12007.	4.1	1
7	Ultrafast Aggregation-Induced Tunable Emission Enhancement in a Benzothiadiazole-Based Fluorescent Metalâ€“Organic Framework Linker. Journal of Physical Chemistry B, 2021, 125, 13298-13308.	2.6	5
8	Made-to-order porous electrodes for supercapacitors: MOFs embedded with redox-active centers as a case study. Chemical Communications, 2020, 56, 1883-1886.	4.1	31
9	Covalent Organic Frameworks as Negative Electrodes for Highâ€Performance Asymmetric Supercapacitors. Advanced Energy Materials, 2020, 10, 2001673.	19.5	107
10	Access to Highly Efficient Energy Transfer in Metalâ€“Organic Frameworks via Mixed Linkers Approach. Journal of the American Chemical Society, 2020, 142, 8580-8584.	13.7	62
11	Unprecedented Ultralow Detection Limit of Amines using a Thiadiazole-Functionalized Zr(IV)-Based Metalâ€“Organic Framework. Journal of the American Chemical Society, 2019, 141, 7245-7249.	13.7	203
12	Extremely Hydrophobic POPs to Access Highly Porous Storage Media and Capturing Agent for Organic Vapors. CheM, 2019, 5, 180-191.	11.7	42
13	Carbonization of covalent triazine-based frameworks via ionic liquid induction. Journal of Materials Chemistry A, 2018, 6, 15564-15568.	10.3	13
14	Fabrication of triazine-based Porous Aromatic Framework (PAF) membrane with structural flexibility for gas mixtures separation. Journal of Industrial and Engineering Chemistry, 2018, 67, 373-379.	5.8	21
15	Enriching the Reticular Chemistry Repertoire: Merged Nets Approach for the Rational Design of Intricate Mixed-Linker Metalâ€“Organic Framework Platforms. Journal of the American Chemical Society, 2018, 140, 8858-8867.	13.7	129
16	Synthesis, characterization and dissolution of three pharmaceutical cocrystals based on deferiprone. Journal of Molecular Structure, 2016, 1108, 560-566.	3.6	13
17	Porphyrin Boxes: Rationally Designed Porous Organic Cages. Angewandte Chemie - International Edition, 2015, 54, 13241-13244.	13.8	161
18	A highly porous medical metalâ€“organic framework constructed from bioactive curcumin. Chemical Communications, 2015, 51, 5774-5777.	4.1	120

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19	Three pharmaceuticals cocrystals of adefovir: Syntheses, structures and dissolution study. Journal of Molecular Structure, 2015, 1100, 395-400.	3.6	9
20	Syntheses and pharmacokinetics properties of an iloperidone pharmaceutical cocrystal. Inorganic Chemistry Communication, 2014, 39, 144-146.	3.9	8
21	Syntheses, structures and luminescence properties of three metalâ€“organic frameworks based on 5-(4-(2H-tetrazol-5-yl)phenoxy)isophthalic acid. CrystEngComm, 2014, 16, 339-343.	2.6	39
22	Dissolution and pharmacokinetic properties of two paliperidone cocrystals with 4-hydroxybenzoic and 4-aminobenzoic acid. CrystEngComm, 2014, 16, 7667.	2.6	14
23	Fluorescent Dodecapus in 3D Framework. Crystal Growth and Design, 2014, 14, 4258-4261.	3.0	41
24	The Adsorption and Simulated Separation of Light Hydrocarbons in Isoreticular Metalâ€“Organic Frameworks Based on Dendritic Ligands with Different Aliphatic Side Chains. Chemistry - A European Journal, 2014, 20, 9073-9080.	3.3	40
25	Solvent-Induced Single Crystal To Single Crystal Transformation and Complete Metal Exchange of a Pyrene-Based Metalâ€“Organic Framework. Crystal Growth and Design, 2014, 14, 1738-1743.	3.0	51
26	Using Dissolution and Pharmacokinetics Studies of Crystal Form to Optimize the Original Iloperidone. Crystal Growth and Design, 2013, 13, 5261-5266.	3.0	23
27	Trigonal prism or octahedron: the conformational change of a dendritic six-node ligand in MOFs. Journal of Materials Chemistry A, 2013, 1, 10112.	10.3	20
28	Three metalâ€“organic coordination polymers constructed by 1,4-bis(1,2,4-triazol-1-ylmethyl)benzene. Journal of Molecular Structure, 2013, 1047, 338-343.	3.6	4
29	Growth of large single MOF crystals and effective separation of organic dyes. CrystEngComm, 2013, 15, 4094.	2.6	50
30	Mixed-integer Linear Programming Formulation for Short-term Scheduling of Cascaded Hydroelectric Plants with Pumped-storage Units. Electric Power Components and Systems, 2013, 41, 1456-1468.	1.8	10
31	Design and Synthesis of a Metal-organic Framework with nia Topology. Acta Chimica Sinica, 2013, 71, 1492.	1.4	4
32	Highly porous and robust ionic MOFs with nia topology constructed by connecting an octahedral ligand and a trigonal prismatic metal cluster. Chemical Communications, 2012, 48, 6010.	4.1	55
33	A novel low density metalâ€“organic framework with pcu topology by dendritic ligand. Chemical Communications, 2011, 47, 9167.	4.1	63
34	A spontaneously resoluted zincâ€“organic framework with nonlinear optical and ferroelectric properties generated from tetrazolate-ethyl ester ligand. CrystEngComm, 2010, 12, 3499.	2.6	33