Jun-sheng Qin

List of Publications by Year
in descending order

87 papers	8,947 citations	47006 47 h-index	51608 86 g-index
92 all docs	92 docs citations	92 times ranked	8450 citing authors

#	Article	IF	Citations
1	Bioinspired spike-like double yolkâ€"shell structured TiO₂@ZnIn₂S₄ for efficient photocatalytic CO₂ reduction. Catalysis Science and Technology, 2022, 12, 1092-1099.	4.1	9
2	Dualâ€Functional Photocatalysis for Cooperative Hydrogen Evolution and Benzylamine Oxidation Coupling over Sandwichedâ€Like Pd@TiO₂@ZnIn₂S₄ Nanobox. Small, 2022, 18, e2105114.	10.0	40
3	Bioinspired Selfâ€Supporting Phthalocyanine@ZnIn₂S₄ Foam for Photocatalytic CO₂ Reduction Under Visible Light Irradiation. Advanced Energy and Sustainability Research, 2022, 3, .	5.8	5
4	Tuning the Structure of Fe-Tetracarboxylate Frameworks Through Linker-Symmetry Reduction. CCS Chemistry, 2021, 3, 1701-1709.	7.8	7
5	Morphology Transcription in Hierarchical MOF-on-MOF Architectures. , 2021, 3, 738-743.		13
6	Perovskite Quantum Dots Encapsulated in a Mesoporous Metalâ€"Organic Framework as Synergistic Photocathode Materials. Journal of the American Chemical Society, 2021, 143, 14253-14260.	13.7	118
7	Precisely Embedding Active Sites into a Mesoporous Zr-Framework through Linker Installation for High-Efficiency Photocatalysis. Journal of the American Chemical Society, 2020, 142, 15020-15026.	13.7	71
8	Metalâ€"Organic Frameworks Based on Group 3 and 4 Metals. Advanced Materials, 2020, 32, e2004414.	21.0	69
9	Stepwise Assembly of Turnâ€on Fluorescence Sensors in Multicomponent Metalâ€"Organic Frameworks for inâ€...Vitro Cyanide Detection. Angewandte Chemie, 2020, 132, 9405-9409.	2.0	18
10	Fluorescence Enhancement in the Solid State by Isolating Perylene Fluorophores in Metalâ€"Organic Frameworks. ACS Applied Materials & Interfaces, 2020, 12, 26727-26732.	8.0	36
11	Stepwise Assembly of Turnâ€on Fluorescence Sensors in Multicomponent Metalâ€"Organic Frameworks for inâ€...Vitro Cyanide Detection. Angewandte Chemie - International Edition, 2020, 59, 9319-9323.	13.8	104
12	Functionalization of Zirconiumâ€Based Metalâ€"Organic Layers with Tailored Pore Environments for Heterogeneous Catalysis. Angewandte Chemie, 2020, 132, 18381-18385.	2.0	7
13	Functionalization of Zirconiumâ€Based Metalâ€"Organic Layers with Tailored Pore Environments for Heterogeneous Catalysis. Angewandte Chemie - International Edition, 2020, 59, 18224-18228.	13.8	44
14	Continuous Variation of Lattice Dimensions and Pore Sizes in Metalâ€"Organic Frameworks. Journal of the American Chemical Society, 2020, 142, 4732-4738.	13.7	65
15	Discrete nanographene implanted in zirconium metal-organic framework for electrochemical energy storage. Journal of Solid State Chemistry, 2020, 287, 121377.	2.9	7
16	Spatially separated bimetallic cocatalysts on hollow-structured TiO₂ for photocatalytic hydrogen generation. Materials Chemistry Frontiers, 2020, 4, 1671-1678.	5.9	19
17	A Honeycombâ€Like Bulk Superstructure of Carbon Nanosheets for Electrocatalysis and Energy Storage. Angewandte Chemie - International Edition, 2020, 59, 19627-19632.	13.8	100
18	Spatially Separated Bifunctional Cocatalysts Decorated on Hollow-Structured TiO₂ for Enhanced Photocatalytic Hydrogen Generation. ACS Applied Materials & Interfaces, 2020, 12, 23356-23362.	8.0	28

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19	A Honeycombâ€Like Bulk Superstructure of Carbon Nanosheets for Electrocatalysis and Energy Storage. Angewandte Chemie, 2020, 132, 19795-19800.	2.0	7
20	Face-Sharing Archimedean Solids Stacking for the Construction of Mixed-Ligand Metalâ€“Organic Frameworks. Journal of the American Chemical Society, 2019, 141, 13841-13848.	13.7	101
21	Solvent-Assisted, Thermally Triggered Structural Transformation in Flexible Mesoporous Metalâ€“Organic Frameworks. Chemistry of Materials, 2019, 31, 8787-8793.	6.7	30
22	Tuning the Ionicity of Stable Metalâ€“Organic Frameworks through Ionic Linker Installation. Journal of the American Chemical Society, 2019, 141, 3129-3136.	13.7	70
23	Thermodynamically Controlled Linker Installation in Flexible Zirconium Metalâ€“Organic Frameworks. Crystal Growth and Design, 2019, 19, 2069-2073.	3.0	13
24	Lattice Expansion and Contraction in Metal-Organic Frameworks by Sequential Linker Reinstallation. Matter, 2019, 1, 156-167.	10.0	67
25	Creating Well-Defined Hexabenzocoronene in Zirconium Metalâ€“Organic Framework by Postsynthetic Annulation. Journal of the American Chemical Society, 2019, 141, 2054-2060.	13.7	148
26	Poreâ€Environment Engineering with Multiple Metal Sites in Rareâ€Earth Porphyrinic Metalâ€“Organic Frameworks. Angewandte Chemie, 2018, 130, 5189-5193.	2.0	18
27	Retrosynthesis of multi-component metalâ^'organic frameworks. Nature Communications, 2018, 9, 808.	12.8	159
28	Poreâ€Environment Engineering with Multiple Metal Sites in Rareâ€Earth Porphyrinic Metalâ€“Organic Frameworks. Angewandte Chemie - International Edition, 2018, 57, 5095-5099.	13.8	136
29	Stable Metalâ€“Organic Frameworks with Group 4 Metals: Current Status and Trends. ACS Central Science, 2018, 4, 440-450.	11.3	382
30	Stable metalâ€“organic frameworks as a host platform for catalysis and biomimetics. Chemical Communications, 2018, 54, 4231-4249.	4.1	137
31	[Ti₈Zr₂O₁₂(COO)₁₆] Cluster: An Ideal Inorganic Building Unit for Photoactive Metalâ€“Organic Frameworks. ACS Central Science, 2018, 4, 105-111.	11.3	204
32	Sophisticated Construction of Electronically Labile Materials: A Neutral, Radical-Rich, Cobalt Valence Tautomeric Triangle. Journal of the American Chemical Society, 2018, 140, 14581-14585.	13.7	21
33	Interior Decoration of Stable Metalâ€“Organic Frameworks. Langmuir, 2018, 34, 13795-13807.	3.5	34
34	Sequential Transformation of Zirconium(IV)â€MOFs into Heterobimetallic MOFs Bearing Magnetic Anisotropic Cobalt(II) Centers. Angewandte Chemie - International Edition, 2018, 57, 12578-12583.	13.8	70
35	Sequential Transformation of Zirconium(IV)â€MOFs into Heterobimetallic MOFs Bearing Magnetic Anisotropic Cobalt(II) Centers. Angewandte Chemie, 2018, 130, 12758-12763.	2.0	5
36	Exposed Equatorial Positions of Metal Centers via Sequential Ligand Elimination and Installation in MOFs. Journal of the American Chemical Society, 2018, 140, 10814-10819.	13.7	70

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37	Encapsulation of an iridium complex in a metalâ€“organic framework to give a composite with efficient white light emission. Inorganic Chemistry Frontiers, 2017, 4, 547-552.	6.0	42
38	Mixed-linker strategy for the construction of multifunctional metalâ€“organic frameworks. Journal of Materials Chemistry A, 2017, 5, 4280-4291.	10.3	163
39	Flexible Zirconium MOF as the Crystalline Sponge for Coordinative Alignment of Dicarboxylates. ACS Applied Materials & Interfaces, 2017, 9, 33408-33412.	8.0	48
40	Diamondoid-structured polymolybdate-based metalâ€“organic frameworks as high-capacity anodes for lithium-ion batteries. Chemical Communications, 2017, 53, 5204-5207.	4.1	92
41	A flexible thioether-based MOF as a crystalline sponge for structural characterization of liquid organic molecules. Materials Chemistry Frontiers, 2017, 1, 1764-1767.	5.9	15
42	Construction of hierarchically porous metalâ€“organic frameworks through linker labilization. Nature Communications, 2017, 8, 15356.	12.8	326
43	Effect of Imidazole Arrangements on Proton-Conductivity in Metalâ€“Organic Frameworks. Journal of the American Chemical Society, 2017, 139, 6183-6189.	13.7	436
44	Control the Structure of Zr-Tetracarboxylate Frameworks through Steric Tuning. Journal of the American Chemical Society, 2017, 139, 16939-16945.	13.7	153
45	PCN-250 under Pressure: Sequential Phase Transformation and the Implications for MOF Densification. Joule, 2017, 1, 806-815.	24.0	65
46	Systematic Engineering of Single Substitution in Zirconium Metalâ€“Organic Frameworks toward High-Performance Catalysis. Journal of the American Chemical Society, 2017, 139, 18590-18597.	13.7	102
47	The Enhancement on Proton Conductivity of Stable Polyoxometalateâ€Based Coordination Polymers by the Synergistic Effect of MultiProton Units. Chemistry - A European Journal, 2016, 22, 9299-9304.	3.3	42
48	Derivation and Decoration of Nets with Trigonal-Prismatic Nodes: A Unique Route to Reticular Synthesis of Metalâ€“Organic Frameworks. Journal of the American Chemical Society, 2016, 138, 5299-5307.	13.7	84
49	Thermodynamically Guided Synthesis of Mixed-Linker Zr-MOFs with Enhanced Tunability. Journal of the American Chemical Society, 2016, 138, 6636-6642.	13.7	232
50	Linker Installation: Engineering Pore Environment with Precisely Placed Functionalities in Zirconium MOFs. Journal of the American Chemical Society, 2016, 138, 8912-8919.	13.7	278
51	A stable Alq3@MOF composite for white-light emission. Chemical Communications, 2016, 52, 3288-3291.	4.1	81
52	A Highly Energetic Nâ€Rich Zeoliteâ€Like Metalâ€Organic Framework with Excellent Air Stability and Insensitivity. Advanced Science, 2015, 2, 1500150.	11.2	53
53	Cooperative Cluster Metalation and Ligand Migration in Zirconium Metalâ€“Organic Frameworks. Angewandte Chemie - International Edition, 2015, 54, 14696-14700.	13.8	169
54	A stable metalâ€“organic framework with suitable pore sizes and rich uncoordinated nitrogen atoms on the internal surface of micropores for highly efficient CO₂ capture. Journal of Materials Chemistry A, 2015, 3, 7361-7367.	10.3	86

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55	Sequential Linker Installation: Precise Placement of Functional Groups in Multivariate Metalâ€“Organic Frameworks. Journal of the American Chemical Society, 2015, 137, 3177-3180.	13.7	323
56	Ultrastable Polymolybdate-Based Metalâ€“Organic Frameworks as Highly Active Electrocatalysts for Hydrogen Generation from Water. Journal of the American Chemical Society, 2015, 137, 7169-7177.	13.7	584
57	Stable Luminescent Metalâ€“Organic Frameworks as Dual-Functional Materials To Encapsulate Ln³⁺ Ions for White-Light Emission and To Detect Nitroaromatic Explosives. Inorganic Chemistry, 2015, 54, 3290-3296.	4.0	196
58	A single crystalline porphyrinic titanium metalâ€“organic framework. Chemical Science, 2015, 6, 3926-3930.	7.4	236
59	A multifunctional microporous anionic metalâ€“organic framework for column-chromatographic dye separation and selective detection and adsorption of Cr³⁺. Journal of Materials Chemistry A, 2015, 3, 23426-23434.	10.3	117
60	A Stable Porous Anionic Metalâ€“Organic Framework for Luminescence Sensing of Ln³⁺ Ions and Detection of Nitrobenzene. Chemistry - an Asian Journal, 2014, 9, 749-753.	3.3	77
61	2D Cd(II)â€“Lanthanide(III) Heterometallicâ€“Organic Frameworks Based on Metalloligands for Tunable Luminescence and Highly Selective, Sensitive, and Recyclable Detection of Nitrobenzene. Inorganic Chemistry, 2014, 53, 8105-8113.	4.0	105
62	Recent advances in porous polyoxometalate-based metalâ€“organic framework materials. Chemical Society Reviews, 2014, 43, 4615-4632.	38.1	845
63	A Fluorescent Sensor for Highly Selective Detection of Nitroaromatic Explosives Based on a 2D, Extremely Stable, Metalâ€“Organic Framework. Chemistry - A European Journal, 2014, 20, 3589-3594.	3.3	271
64	A Microporous Anionic Metalâ€“Organic Framework for Sensing Luminescence of Lanthanide(III) Ions and Selective Absorption of Dyes by Ionic Exchange. Chemistry - A European Journal, 2014, 20, 5625-5630.	3.3	154
65	Selfâ€Assembly versus Stepwise Synthesis: Heterometalâ€“Organic Frameworks Based on Metalloligands with Tunable Luminescence Properties. Chemistry - A European Journal, 2013, 19, 11279-11286.	3.3	55
66	An unprecedented (3,4,24)-connected heteropolyoxozincate organic framework as heterogeneous crystalline Lewis acid catalyst for biodiesel production. Scientific Reports, 2013, 3, 2616.	3.3	39
67	Controllable synthesis of microporous, nanotubular and mesocage-like metalâ€“organic frameworks by adjusting the reactant ratio and modulated luminescence properties of Alq3@MOF composites. Journal of Materials Chemistry, 2012, 22, 17947.	6.7	40
68	Functional heterometallic coordination polymers with metalloligands as tunable luminescent crystalline materials. Journal of Materials Chemistry, 2012, 22, 19673.	6.7	30
69	Piezochromic luminescent (PCL) behavior and aggregation-induced emission (AIE) property of a new cationic iridium(iii) complex. Dalton Transactions, 2012, 41, 9590.	3.3	62
70	Polyoxometalate-based crystalline tubular microreactor: redox-active inorganicâ€“organic hybrid materials producing gold nanoparticles and catalytic properties. Chemical Science, 2012, 3, 705-710.	7.4	93
71	Redox-active polyoxometalate-based crystalline material-immobilized noble metal nanoparticles: spontaneous reduction and synergistic catalytic activity. Journal of Materials Chemistry, 2012, 22, 21040.	6.7	22
72	N-rich zeolite-like metalâ€“organic framework with sodalite topology: high CO2 uptake, selective gas adsorption and efficient drug delivery. Chemical Science, 2012, 3, 2114.	7.4	277

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73	An unprecedented 3D 8-connected pure inorganic framework based on nanosized {[Na12PO16H24]âŠ‚[P4Mo6O31H6]4}15âˆ’ clusters and zinc cations. Chemical Communications, 2011, 47, 2832.	4.1	36
74	A novel 3-connected [3 + 3] topological net showing both rotaxane- and catenane-like motifs. CrystEngComm, 2011, 13, 4945.	2.6	8
75	pH-Tuned self-assembly of organicâ€“inorganic hybrids based on different vanadate chains, Zn(<scp>ii</scp>) ions and flexible ligands: crystallizing in polar and centrosymmetric space group. CrystEngComm, 2011, 13, 779-786.	2.6	25
76	Building block approach to a series of substituted Keggin-type inorganicâ€“organic hybrids. Solid State Sciences, 2011, 13, 1115-1121.	3.2	16
77	3D Chiral Microporous (10,3)-a Topology Metalâ€“Organic Framework Containing Large Helical Channels. Crystal Growth and Design, 2011, 11, 2510-2514.	3.0	21
78	Syntheses, structures and luminescent properties of a series of 3D lanthanide coordination polymers with tripodal semirigid ligand. Journal of Solid State Chemistry, 2011, 184, 373-378.	2.9	24
79	A series of inorganicâ€“organic hybrid compounds constructed from bis(undecatungstophosphate) lanthanates and copper-organic units. Inorganica Chimica Acta, 2010, 363, 3823-3831.	2.4	22
80	A en-templated 3D coordination polymer based on H2pzdc with macrometallocycles. Inorganic Chemistry Communication, 2010, 13, 1227-1230.	3.9	14
81	pH-Dependent Binary Metalâˆ’Organic Compounds Assembled from Different Helical Units: Structural Variation and Supramolecular Isomers. Crystal Growth and Design, 2010, 10, 1699-1705.	3.0	63
82	3d - 4f Heterometallic Complexes for the Construction of POM-based Inorganic - Organic Hybrid Compounds: from Nanoclusters to One-Dimensional Ladder-Like Chains. Australian Journal of Chemistry, 2010, 63, 1389.	0.9	33
83	Assembly of 3D Metal-Organic Frameworks Based on Different Helical Units: Chiral and Achiral Structures Constructed by Length-Modulated N-Donor Ligands. Crystal Growth and Design, 2009, 9, 4142-4146.	3.0	49
84	Self-Assembly of 2Dâ†’2D Interpenetrating Coordination Polymers Showing Polyrotaxane- and Polycatenane-like Motifs: Influence of Various Ligands on Topological Structural Diversity. Inorganic Chemistry, 2008, 47, 10600-10610.	4.0	162
85	A (4,8)-Connected Fluorite Topology Framework Based on Mononuclear and Dinuclear Metal Centers. Crystal Growth and Design, 2008, 8, 2055-2057.	3.0	47
86	Tetraaquabis(2-oxo-1,2-dihydroquinoline-4-carboxylato-ÎºO4)nickel(II). Acta Crystallographica Section E: Structure Reports Online, 2008, 64, m389-m390.	0.2	0
87	Bis{4,4â€²-[(2,2â€²-bi-1H-imidazole-1,1â€²-diyl)dimethylene]dipyridinium} Î²-octamolybdate. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, m2817-m2817.	0.2	1