Yun Ling

List of Publications by Year in Descending Order

57 papers	1,218 citations	19 h-index	33 g-index
59 ext. papers	1,398 ext. citations	5.4 avg, IF	4.28 L-index

#	Paper	IF	Citations
57	Reticular chemistry approach to explore the catalytic CO2-epoxide cycloaddition reaction over tetrahedral coordination Lewis acidic sites in a Rutile-type Zinc-phosphonocarboxylate framework. *Chemical Engineering Journal*, **2022**, 427, 131759	14.7	5
56	Peptide identification of hepatocyte growth-promoting factor and its function in cytoprotection and promotion of liver cell proliferation through the JAK2/STAT3/c-MYC pathway.. *European Journal of Pharmacology*, **2022**, 920, 174832	5.3	0
55	Development of anti-breast cancer PI3K inhibitors based on 7-azaindole derivatives through scaffold hopping: Design, synthesis and in vitro biological evaluation. *Bioorganic Chemistry*, **2021**, 117, 105405	5.1	0
54	Precise regulating synergistic effect in metal□rganic framework for stepwise-controlled adsorption. *Inorganic Chemistry Frontiers*, **2021**, 8, 1666-1674	6.8	2
53	Hollow carbon nanospheres dotted with Gd-Fe nanoparticles for magnetic resonance and photoacoustic imaging. *Nanoscale*, **2021**, 13, 10943-10952	7.7	3
52	TEA-assistant synthesis of MOF-74 nanorods for drug delivery and in-vitro magnetic resonance imaging. *Microporous and Mesoporous Materials*, **2021**, 315, 110900	5.3	7
51	Discovery of cinnoline derivatives as potent PI3K inhibitors with antiproliferative activity. *Bioorganic and Medicinal Chemistry Letters*, **2021**, 48, 128271	2.9	3
50	Bioisosteric replacements of the indole moiety for the development of a potent and selective PI3K□nhibitor: Design, synthesis and biological evaluation. *European Journal of Medicinal Chemistry*, **2021**, 223, 113661	6.8	2
49	Post-synthetic anchoring Fe(III) into a fcu-type Zr-MOF for the catalyzed hydrolysis of 5-hydroxylmethoxyfurfural. *Microporous and Mesoporous Materials*, **2021**, 328, 111449	5.3	1
48	Multimetal lanthanide phosphonocarboxylate frameworks: structures, colour tuning and near-infrared emission. *Dalton Transactions*, **2021**, 50, 7380-7387	4.3	2
47	Revisiting the NaNiMnO Cathode: Oxygen Redox Chemistry and Oxygen Release Suppression. *ACS Central Science*, **2020**, 6, 232-240	16.8	66
46	In situ embedding dual-Fe nanoparticles in synchronously generated carbon for the synergistic integration of magnetic resonance imaging and drug delivery. *Nanoscale Advances*, **2020**, 2, 5296-5304	5.1	3
45	Synergistic integration of FeNi magnetic nanoparticles with graphene-based porous carbon for efficient capture of N-linked glycans. *Nanoscale*, **2020**, 12, 24188-24195	7.7	2
44	A robust etb-type metal-organic framework showing polarity-exclusive adsorption of acetone over methanol for their azeotropic mixture. *Chemical Communications*, **2019**, 55, 6495-6498	5.8	9
43	Cobalt substitution in a flexible metal-organic framework: modulating a soft paddle-wheel unit for tunable gate-opening adsorption. *Dalton Transactions*, **2019**, 48, 7100-7104	4.3	8
42	Photoelectrochemical properties of MOF-induced surface-modified TiO photoelectrode. *Nanoscale*, **2018**, 10, 20339-20346	7.7	18
41	Tannic acid-mediated synthesis of dual-heteroatom-doped hollow carbon from a metal-organic framework for efficient oxygen reduction reaction. *Dalton Transactions*, **2018**, 47, 7812-7818	4.3	26

40	Single Molecular Wells□Dawson-Like Heterometallic Cluster for the In Situ Functionalization of Ordered Mesoporous Carbon: A T 1- and T 2-Weighted Dual-Mode Magnetic Resonance Imaging Agent and Drug Delivery System. *Advanced Functional Materials*, **2017**, 27, 1605313	15.6	16
39	Cation-Exchange Approach to Tuning the Flexibility of a Metal-Organic Framework for Gated Adsorption. *Inorganic Chemistry*, **2017**, 56, 5069-5075	5.1	15
38	Preparation of highly dispersed □FeO and GdPO co-functionalized mesoporous carbon spheres for dual-mode MR imaging and anti-cancer drug carrying. *Journal of Materials Chemistry B*, **2017**, 5, 3765-3770	7.3	14
37	Unprecedented highly efficient capture of glycopeptides by FeO@Mg-MOF-74 core-shell nanoparticles. *Chemical Communications*, **2017**, 53, 4018-4021	5.8	51
36	Constructing Three-Dimensional Mesoporous Bouquet-Posy-like TiO Superstructures with Radially Oriented Mesochannels and Single-Crystal Walls. *Journal of the American Chemical Society*, **2017**, 139, 517-526	16.4	53
35	Ir -based Octahedral Metalloligands Derived Primitive Cubic Frameworks for Enhanced CO /N Separation. *Chemistry - an Asian Journal*, **2017**, 12, 3110-3113	4.5	1
34	A polyacrylonitrile copolymer-silica template for three-dimensional hierarchical porous carbon as a Pt catalyst support for the oxygen reduction reaction. *Dalton Transactions*, **2017**, 46, 9912-9917	4.3	4
33	Discovery of a Novel Series of 7-Azaindole Scaffold Derivatives as PI3K Inhibitors with Potent Activity. *ACS Medicinal Chemistry Letters*, **2017**, 8, 875-880	4.3	17
32	Integrating Zeolite-Type Chalcogenide with Titanium Dioxide Nanowires for Enhanced Photoelectrochemical Activity. *Langmuir*, **2017**, 33, 13634-13639	4	14
31	A CuI-Phosphonotriazolate Coordination Polymer Based on [CuI4Cl] Cluster for Fluorescent Sensing of O2. *ChemistrySelect*, **2016**, 1, 1917-1920	1.8	8
30	Structural diversity of a series of coordination polymers built from 5-substituted isophthalic acid with or without a methyl-functionalized N-donor ligand. *CrystEngComm*, **2016**, 18, 1363-1375	3.3	14
29	Three Zinc(II) Phosphonates: Syntheses, Structures and Sensing of Copper(II) Ions. *ChemPlusChem*, **2016**, 81, 822-827	2.8	7
28	Periodic Mesoporous Organosilica Nanocubes with Ultrahigh Surface Areas for Efficient CO□ Adsorption. *Scientific Reports*, **2016**, 6, 20769	4.9	43
27	Tuning the adsorption behaviors of water, methanol, and ethanol in a porous material by varying the flexibility of substituted groups. *Dalton Transactions*, **2016**, 45, 7235-9	4.3	17
26	Acid-induced Zn(II)-based metal□rganic frameworks for encapsulation and sensitization of lanthanide cations. *CrystEngComm*, **2015**, 17, 2294-2300	3.3	9
25	A self-catenated rob-type porous coordination polymer constructed from triazolate and carboxylate ligands: fluorescence response to the reversible phase transformation. *CrystEngComm*, **2015**, 17, 6023-6029	3.3	9
24	Facile preparation of nitrogen-doped porous carbon from waste tobacco by a simple pre-treatment process and their application in electrochemical capacitor and CO2 capture. *Materials Research Bulletin*, **2015**, 64, 327-332	5.1	35
23	Unlocking Inter- to Non-Penetrating Frameworks Using Steric Influences on Spacers for CO2 Adsorption. *Chemistry - an Asian Journal*, **2015**, 10, 2117-20	4.5	9

22	A Series of Metal–Organic Frameworks Built of Triazolate-Trinuclear and Paddlewheel Units: Solid-Solution Framework Approach for Optimizing CO2 Adsorption and Separation. *Crystal Growth and Design*, **2015**, 15, 5794-5801	3.5	20
21	Mesoporous TiO2 Mesocrystals: Remarkable Defects-Induced Crystallite-Interface Reactivity and Their in Situ Conversion to Single Crystals. *ACS Central Science*, **2015**, 1, 400-8	16.8	63
20	End-End Connection Pattern of Trinuclear-Triangular Copper Cluster for Construction of Two Metal–Organic Frameworks: Syntheses, Structures, Magnetic and Gas Adsorption Properties. *Crystal Growth and Design*, **2015**, 15, 1526-1534	3.5	19
19	Predicting and creating 7-connected Zn4O vertices for the construction of an exceptional metal–organic framework with nanoscale cages. *CrystEngComm*, **2015**, 17, 1923-1926	3.3	6
18	A highly stable indium phosphonocarboxylate framework as a multifunctional sensor for Cu(2+) and methylviologen ions. *Dalton Transactions*, **2015**, 44, 3794-800	4.3	37
17	Synthesis of nitrogen-doped hollow carbon nanospheres for CO2 capture. *Chemical Communications*, **2014**, 50, 329-31	5.8	196
16	Syntheses, Crystal Structures, and Reversible Structural Transformation of Two Zinc Coordination Polymers. *Chemistry Letters*, **2014**, 43, 997-998	1.7	1
15	Schmidt Reaction of Ketones in DME Solution in a Continuous-Flow Microreactor. *Organic Process Research and Development*, **2014**, 18, 1589-1592	3.9	12
14	A three-dimensional structure built of paddle-wheel and triazolate-dinuclear metal clusters: synthesis, deformation and reformation of paddle-wheel unit in the single-crystal-to-single-crystal transformation. *CrystEngComm*, **2013**, 15, 7031	3.3	26
13	Amine-directed structural studies of four zinc metal-organic frameworks based on a novel phosphonocarboxylate ligand. *Inorganic Chemistry Communication*, **2013**, 37, 93-96	3.1	9
12	Hydrothermal synthesis of nitrogen-containing carbon nanodots as the high-efficient sensor for copper(II) ions. *Materials Research Bulletin*, **2013**, 48, 1728-1731	5.1	55
11	Enhancing CO2 adsorption of a Zn-phosphonocarboxylate framework by pore space partitions. *Chemical Communications*, **2013**, 49, 78-80	5.8	50
10	Crystal transformation synthesis of a highly stable phosphonate MOF for selective adsorption of CO2. *CrystEngComm*, **2013**, 15, 2040-2043	3.3	58
9	A flexible porous metal–azolate framework constructed by [Cu3(μ3-OH)(μ2-O)(triazolate)2]+ building blocks: synthesis, reversible structural transformation and related magnetic properties. *CrystEngComm*, **2013**, 15, 3484	3.3	17
8	Novel iso-reticular Zn(II) metal-organic frameworks constructed by trinuclear-triangular and paddle-wheel units: synthesis, structure and gas adsorption. *Dalton Transactions*, **2012**, 41, 4007-11	4.3	24
7	Solvothermal in situ synthesis of cyanide-containing ternary silver(I) coordination polymers and their phosphorescent properties. *CrystEngComm*, **2012**, 14, 1425-1431	3.3	13
6	A zinc(II) metal-organic framework based on triazole and dicarboxylate ligands for selective adsorption of hexane isomers. *Chemical Communications*, **2011**, 47, 7197-9	5.8	44
5	A novel green phosphorescent silver(I) coordination polymer with three-fold interpenetrated CdSO4-type net generated via in situ reaction. *CrystEngComm*, **2011**, 13, 1504-1508	3.3	30

4	Two-step synthesis, structure and adsorption property of a dynamic zinc phosphonocarboxylate framework. *CrystEngComm*, **2011**, 13, 3378	3.3	30
3	Systematic exploration of a rutile-type zinc(II)-phosphonocarboxylate open framework: the factors that influence the structure. *Dalton Transactions*, **2010**, 39, 10712-8	4.3	13
2	Hollow carbon nanospheres embedded with stoichiometric Fe2O3 and GdPO4: tuning the nanospheres for in vitro and in vivo size effect evaluation. *Nanoscale Advances*,	5.1	2
1	Ultrafine Fe-modulated Ni nanoparticles embedded within nitrogen-doped carbon from Zr-MOFs-confined conversion for efficient oxygen evolution reaction. *Frontiers of Chemical Science and Engineering*,1	4.5	