

# Yun Ling

## List of Publications by Citations

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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	Synthesis of nitrogen-doped hollow carbon nanospheres for CO <sub>2</sub> capture. <i>Chemical Communications</i> , <b>2014</b> , 50, 329-31	5.8	196
56	Revisiting the NaNiMnO Cathode: Oxygen Redox Chemistry and Oxygen Release Suppression. <i>ACS Central Science</i> , <b>2020</b> , 6, 232-240	16.8	66
55	Mesoporous TiO <sub>2</sub> Mesocrystals: Remarkable Defects-Induced Crystallite-Interface Reactivity and Their in Situ Conversion to Single Crystals. <i>ACS Central Science</i> , <b>2015</b> , 1, 400-8	16.8	63
54	Crystal transformation synthesis of a highly stable phosphonate MOF for selective adsorption of CO <sub>2</sub> . <i>CrystEngComm</i> , <b>2013</b> , 15, 2040-2043	3.3	58
53	Hydrothermal synthesis of nitrogen-containing carbon nanodots as the high-efficient sensor for copper(II) ions. <i>Materials Research Bulletin</i> , <b>2013</b> , 48, 1728-1731	5.1	55
52	Constructing Three-Dimensional Mesoporous Bouquet-Posy-like TiO Superstructures with Radially Oriented Mesochannels and Single-Crystal Walls. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 517-526	16.4	53
51	Unprecedented highly efficient capture of glycopeptides by FeO@Mg-MOF-74 core-shell nanoparticles. <i>Chemical Communications</i> , <b>2017</b> , 53, 4018-4021	5.8	51
50	Enhancing CO <sub>2</sub> adsorption of a Zn-phosphonocarboxylate framework by pore space partitions. <i>Chemical Communications</i> , <b>2013</b> , 49, 78-80	5.8	50
49	A zinc(II) metal-organic framework based on triazole and dicarboxylate ligands for selective adsorption of hexane isomers. <i>Chemical Communications</i> , <b>2011</b> , 47, 7197-9	5.8	44
48	Periodic Mesoporous Organosilica Nanocubes with Ultrahigh Surface Areas for Efficient CO <sub>2</sub> Adsorption. <i>Scientific Reports</i> , <b>2016</b> , 6, 20769	4.9	43
47	A highly stable indium phosphonocarboxylate framework as a multifunctional sensor for Cu(2+) and methylviologen ions. <i>Dalton Transactions</i> , <b>2015</b> , 44, 3794-800	4.3	37
46	Facile preparation of nitrogen-doped porous carbon from waste tobacco by a simple pre-treatment process and their application in electrochemical capacitor and CO <sub>2</sub> capture. <i>Materials Research Bulletin</i> , <b>2015</b> , 64, 327-332	5.1	35
45	A novel green phosphorescent silver(I) coordination polymer with three-fold interpenetrated CdSO <sub>4</sub> -type net generated via in situ reaction. <i>CrystEngComm</i> , <b>2011</b> , 13, 1504-1508	3.3	30
44	Two-step synthesis, structure and adsorption property of a dynamic zinc phosphonocarboxylate framework. <i>CrystEngComm</i> , <b>2011</b> , 13, 3378	3.3	30
43	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. <i>CrystEngComm</i> , <b>2013</b> , 15, 7031	3.3	26
42	Tannic acid-mediated synthesis of dual-heteroatom-doped hollow carbon from a metal-organic framework for efficient oxygen reduction reaction. <i>Dalton Transactions</i> , <b>2018</b> , 47, 7812-7818	4.3	26
41	Novel iso-reticular Zn(II) metal-organic frameworks constructed by trinuclear-triangular and paddle-wheel units: synthesis, structure and gas adsorption. <i>Dalton Transactions</i> , <b>2012</b> , 41, 4007-11	4.3	24

40	A Series of Metal-Organic Frameworks Built of Triazolate-Trinuclear and Paddlewheel Units: Solid-Solution Framework Approach for Optimizing CO <sub>2</sub> Adsorption and Separation. <i>Crystal Growth and Design</i> , <b>2015</b> , 15, 5794-5801	3.5	20
39	End-End Connection Pattern of Trinuclear-Triangular Copper Cluster for Construction of Two Metal-Organic Frameworks: Syntheses, Structures, Magnetic and Gas Adsorption Properties. <i>Crystal Growth and Design</i> , <b>2015</b> , 15, 1526-1534	3.5	19
38	Photoelectrochemical properties of MOF-induced surface-modified TiO photoelectrode. <i>Nanoscale</i> , <b>2018</b> , 10, 20339-20346	7.7	18
37	Discovery of a Novel Series of 7-Azaindole Scaffold Derivatives as PI3K Inhibitors with Potent Activity. <i>ACS Medicinal Chemistry Letters</i> , <b>2017</b> , 8, 875-880	4.3	17
36	A flexible porous metal-azolate framework constructed by [Cu <sub>3</sub> (β-OH)(α-O)(triazolate) <sub>2</sub> ] <sup>+</sup> building blocks: synthesis, reversible structural transformation and related magnetic properties. <i>CrystEngComm</i> , <b>2013</b> , 15, 3484	3.3	17
35	Tuning the adsorption behaviors of water, methanol, and ethanol in a porous material by varying the flexibility of substituted groups. <i>Dalton Transactions</i> , <b>2016</b> , 45, 7235-9	4.3	17
34	Single Molecular Wells-Dawson-Like Heterometallic Cluster for the In Situ Functionalization of Ordered Mesoporous Carbon: A T <sub>1</sub> - and T <sub>2</sub> -Weighted Dual-Mode Magnetic Resonance Imaging Agent and Drug Delivery System. <i>Advanced Functional Materials</i> , <b>2017</b> , 27, 1605313	15.6	16
33	Cation-Exchange Approach to Tuning the Flexibility of a Metal-Organic Framework for Gated Adsorption. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 5069-5075	5.1	15
32	Preparation of highly dispersed FeO and GdPO co-functionalized mesoporous carbon spheres for dual-mode MR imaging and anti-cancer drug carrying. <i>Journal of Materials Chemistry B</i> , <b>2017</b> , 5, 3765-3770	7.3	14
31	Structural diversity of a series of coordination polymers built from 5-substituted isophthalic acid with or without a methyl-functionalized N-donor ligand. <i>CrystEngComm</i> , <b>2016</b> , 18, 1363-1375	3.3	14
30	Integrating Zeolite-Type Chalcogenide with Titanium Dioxide Nanowires for Enhanced Photoelectrochemical Activity. <i>Langmuir</i> , <b>2017</b> , 33, 13634-13639	4	14
29	Solvothermal in situ synthesis of cyanide-containing ternary silver(I) coordination polymers and their phosphorescent properties. <i>CrystEngComm</i> , <b>2012</b> , 14, 1425-1431	3.3	13
28	Systematic exploration of a rutile-type zinc(II)-phosphonocarboxylate open framework: the factors that influence the structure. <i>Dalton Transactions</i> , <b>2010</b> , 39, 10712-8	4.3	13
27	Schmidt Reaction of Ketones in DME Solution in a Continuous-Flow Microreactor. <i>Organic Process Research and Development</i> , <b>2014</b> , 18, 1589-1592	3.9	12
26	A robust etb-type metal-organic framework showing polarity-exclusive adsorption of acetone over methanol for their azeotropic mixture. <i>Chemical Communications</i> , <b>2019</b> , 55, 6495-6498	5.8	9
25	Acid-induced Zn(II)-based metal-organic frameworks for encapsulation and sensitization of lanthanide cations. <i>CrystEngComm</i> , <b>2015</b> , 17, 2294-2300	3.3	9
24	A self-catenated rob-type porous coordination polymer constructed from triazolate and carboxylate ligands: fluorescence response to the reversible phase transformation. <i>CrystEngComm</i> , <b>2015</b> , 17, 6023-6029	3.3	9
23	Unlocking Inter- to Non-Penetrating Frameworks Using Steric Influences on Spacers for CO <sub>2</sub> Adsorption. <i>Chemistry - an Asian Journal</i> , <b>2015</b> , 10, 2117-20	4.5	9

22	Amine-directed structural studies of four zinc metal-organic frameworks based on a novel phosphonocarboxylate ligand. <i>Inorganic Chemistry Communication</i> , <b>2013</b> , 37, 93-96	3.1	9
21	Cobalt substitution in a flexible metal-organic framework: modulating a soft paddle-wheel unit for tunable gate-opening adsorption. <i>Dalton Transactions</i> , <b>2019</b> , 48, 7100-7104	4.3	8
20	A CuI-Phosphonotriazolate Coordination Polymer Based on [Cu <sub>4</sub> Cl] Cluster for Fluorescent Sensing of O <sub>2</sub> . <i>ChemistrySelect</i> , <b>2016</b> , 1, 1917-1920	1.8	8
19	Three Zinc(II) Phosphonates: Syntheses, Structures and Sensing of Copper(II) Ions. <i>ChemPlusChem</i> , <b>2016</b> , 81, 822-827	2.8	7
18	TEA-assistant synthesis of MOF-74 nanorods for drug delivery and in-vitro magnetic resonance imaging. <i>Microporous and Mesoporous Materials</i> , <b>2021</b> , 315, 110900	5.3	7
17	Predicting and creating 7-connected Zn <sub>4</sub> O vertices for the construction of an exceptional metal-organic framework with nanoscale cages. <i>CrystEngComm</i> , <b>2015</b> , 17, 1923-1926	3.3	6
16	Reticular chemistry approach to explore the catalytic CO <sub>2</sub> -epoxide cycloaddition reaction over tetrahedral coordination Lewis acidic sites in a Rutile-type Zinc-phosphonocarboxylate framework. <i>Chemical Engineering Journal</i> , <b>2022</b> , 427, 131759	14.7	5
15	A polyacrylonitrile copolymer-silica template for three-dimensional hierarchical porous carbon as a Pt catalyst support for the oxygen reduction reaction. <i>Dalton Transactions</i> , <b>2017</b> , 46, 9912-9917	4.3	4
14	In situ embedding dual-Fe nanoparticles in synchronously generated carbon for the synergistic integration of magnetic resonance imaging and drug delivery. <i>Nanoscale Advances</i> , <b>2020</b> , 2, 5296-5304	5.1	3
13	Hollow carbon nanospheres dotted with Gd-Fe nanoparticles for magnetic resonance and photoacoustic imaging. <i>Nanoscale</i> , <b>2021</b> , 13, 10943-10952	7.7	3
12	Discovery of cinnoline derivatives as potent PI3K inhibitors with antiproliferative activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2021</b> , 48, 128271	2.9	3
11	Hollow carbon nanospheres embedded with stoichiometric Fe <sub>2</sub> O <sub>3</sub> and GdPO <sub>4</sub> : tuning the nanospheres for in vitro and in vivo size effect evaluation. <i>Nanoscale Advances</i> ,	5.1	2
10	Synergistic integration of FeNi magnetic nanoparticles with graphene-based porous carbon for efficient capture of N-linked glycans. <i>Nanoscale</i> , <b>2020</b> , 12, 24188-24195	7.7	2
9	Precise regulating synergistic effect in metal-organic framework for stepwise-controlled adsorption. <i>Inorganic Chemistry Frontiers</i> , <b>2021</b> , 8, 1666-1674	6.8	2
8	Bioisosteric replacements of the indole moiety for the development of a potent and selective PI3K inhibitor: Design, synthesis and biological evaluation. <i>European Journal of Medicinal Chemistry</i> , <b>2021</b> , 223, 113661	6.8	2
7	Multimetal lanthanide phosphonocarboxylate frameworks: structures, colour tuning and near-infrared emission. <i>Dalton Transactions</i> , <b>2021</b> , 50, 7380-7387	4.3	2
6	Ir -based Octahedral Metalloligands Derived Primitive Cubic Frameworks for Enhanced CO /N Separation. <i>Chemistry - an Asian Journal</i> , <b>2017</b> , 12, 3110-3113	4.5	1
5	Syntheses, Crystal Structures, and Reversible Structural Transformation of Two Zinc Coordination Polymers. <i>Chemistry Letters</i> , <b>2014</b> , 43, 997-998	1.7	1

4	Post-synthetic anchoring Fe(III) into a fcu-type Zr-MOF for the catalyzed hydrolysis of 5-hydroxymethoxyfurfural. <i>Microporous and Mesoporous Materials</i> , <b>2021</b> , 328, 111449	5.3	1
3	Development of anti-breast cancer PI3K inhibitors based on 7-azaindole derivatives through scaffold hopping: Design, synthesis and in vitro biological evaluation. <i>Bioorganic Chemistry</i> , <b>2021</b> , 117, 105405	5.1	0
2	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.. <i>European Journal of Pharmacology</i> , <b>2022</b> , 920, 174832	5.3	0
1	Ultrafine Fe-modulated Ni nanoparticles embedded within nitrogen-doped carbon from Zr-MOFs-confined conversion for efficient oxygen evolution reaction. <i>Frontiers of Chemical Science and Engineering</i> , 1	4.5	