

Pei-Zhou Li

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

93 papers	5,201 citations	38 h-index	71 g-index
104 ext. papers	5,826 ext. citations	6.6 avg, IF	5.78 L-index

#	Paper	IF	Citations
93	A Triazole-Containing Metal-Organic Framework as a Highly Effective and Substrate Size-Dependent Catalyst for CO ₂ Conversion. <i>Journal of the American Chemical Society</i> , 2016 , 138, 2142-5	16.4	415
92	A p-type Ti(IV)-based metal-organic framework with visible-light photo-response. <i>Chemical Communications</i> , 2014 , 50, 3786-8	5.8	375
91	Top-down fabrication of crystalline metal-organic framework nanosheets. <i>Chemical Communications</i> , 2011 , 47, 8436-8	5.8	266
90	Biocompatible, Uniform, and Redispersible Mesoporous Silica Nanoparticles for Cancer-Targeted Drug Delivery In Vivo. <i>Advanced Functional Materials</i> , 2014 , 24, 2450-2461	15.6	212
89	ZIF-8 immobilized nickel nanoparticles: highly effective catalysts for hydrogen generation from hydrolysis of ammonia borane. <i>Chemical Communications</i> , 2012 , 48, 3173-5	5.8	206
88	Titanium-based metal-organic frameworks for photocatalytic applications. <i>Coordination Chemistry Reviews</i> , 2018 , 359, 80-101	23.2	163
87	Highly dispersed surfactant-free nickel nanoparticles and their remarkable catalytic activity in the hydrolysis of ammonia borane for hydrogen generation. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 6753-6	16.4	149
86	Surfactant media to grow new crystalline cobalt 1,3,5-benzenetricarboxylate metal-organic frameworks. <i>Inorganic Chemistry</i> , 2014 , 53, 8529-37	5.1	131
85	Intracellular redox-activated anticancer drug delivery by functionalized hollow mesoporous silica nanoreservoirs with tumor specificity. <i>Biomaterials</i> , 2014 , 35, 7951-62	15.6	126
84	Synthesis, Characterization and Ethylene Oligomerization Studies of Nickel Complexes Bearing 2-Benzimidazolylpyridine Derivatives. <i>Organometallics</i> , 2007 , 26, 2439-2446	3.8	124
83	DNA/protein binding, molecular docking, and in vitro anticancer activity of some thioether-dipyrinato complexes. <i>Inorganic Chemistry</i> , 2013 , 52, 13984-96	5.1	120
82	DNA binding and anti-cancer activity of redox-active heteroleptic piano-stool Ru(II), Rh(III), and Ir(III) complexes containing 4-(2-methoxypyridyl)phenyldipyrromethene. <i>Inorganic Chemistry</i> , 2013 , 52, 3687-98	5.1	120
81	A rationally designed nitrogen-rich metal-organic framework and its exceptionally high CO ₂ and H ₂ uptake capability. <i>Scientific Reports</i> , 2013 , 3, 1149	4.9	117
80	Kinetically controlling phase transformations of crystalline mercury selenidostannates through surfactant media. <i>Inorganic Chemistry</i> , 2013 , 52, 4148-50	5.1	115
79	Room-temperature synthesis of bimetallic Co/Zn based zeolitic imidazolate frameworks in water for enhanced CO ₂ and H ₂ uptakes. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 14932-14938	13	104
78	Significant gas uptake enhancement by post-exchange of zinc(II) with copper(II) within a metal-organic framework. <i>Chemical Communications</i> , 2012 , 48, 10286-8	5.8	102
77	Fluorescent zinc(II) complex exhibiting "on-off-on" switching toward Cu ²⁺ and Ag ⁺ ions. <i>Inorganic Chemistry</i> , 2011 , 50, 3189-97	5.1	99

76	Bimetallic Metal-Organic Frameworks: Probing the Lewis Acid Site for CO ₂ Conversion. <i>Small</i> , 2016 , 12, 2334-43	11	96
75	Selective H ₂ S/CO ₂ Separation by Metal-Organic Frameworks Based on Chemical-Physical Adsorption. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 13249-13255	3.8	91
74	Highly Effective Carbon Fixation via Catalytic Conversion of CO ₂ by an Acylamide-Containing Metal-Organic Framework. <i>Chemistry of Materials</i> , 2017 , 29, 9256-9261	9.6	88
73	Enhancing Organic Phosphorescence by Manipulating Heavy-Atom Interaction. <i>Crystal Growth and Design</i> , 2016 , 16, 808-813	3.5	86
72	Nitrogen-rich porous adsorbents for CO ₂ capture and storage. <i>Chemistry - an Asian Journal</i> , 2013 , 8, 1680-91	4.9	86
71	Clicked Isoreticular Metal-Organic Frameworks and Their High Performance in the Selective Capture and Separation of Large Organic Molecules. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 12748-52	16.4	85
70	Surfactant-thermal method to synthesize a novel two-dimensional oxochalcogenide. <i>Chemistry - an Asian Journal</i> , 2014 , 9, 131-4	4.5	74
69	Nickel Complexes Bearing 2-(Benzimidazol-2-yl)-1,10-phenanthrolines: Synthesis, Characterization and Their Catalytic Behavior Toward Ethylene Oligomerization. <i>European Journal of Inorganic Chemistry</i> , 2007 , 2007, 3816-3826	2.3	71
68	[4 + 2] cycloaddition reaction to approach diazotwistpentacenes: synthesis, structures, physical properties, and self-assembly. <i>Journal of Organic Chemistry</i> , 2014 , 79, 4438-45	4.2	68
67	Experimental and Theoretical Investigation of Mesoporous MnO ₂ Nanosheets with Oxygen Vacancies for High-Efficiency Catalytic DeNO _x . <i>ACS Catalysis</i> , 2018 , 8, 3865-3874	13.1	66
66	Click chemistry as a versatile reaction for construction and modification of metal-organic frameworks. <i>Coordination Chemistry Reviews</i> , 2019 , 380, 484-518	23.2	56
65	"Click"-extended nitrogen-rich metal-organic frameworks and their high performance in CO ₂ -selective capture. <i>Chemical Communications</i> , 2014 , 50, 4683-5	5.8	55
64	Responsive mesoporous silica nanoparticles for sensing of hydrogen peroxide and simultaneous treatment toward heart failure. <i>Nanoscale</i> , 2017 , 9, 2253-2261	7.7	53
63	Synthesis of Microporous Nitrogen-Rich Covalent-Organic Framework and Its Application in CO ₂ Capture. <i>Chinese Journal of Chemistry</i> , 2015 , 33, 90-94	4.9	48
62	Helicity Inversion of Supramolecular Hydrogels Induced by Achiral Substituents. <i>ACS Nano</i> , 2017 , 11, 11880-11889	16.7	48
61	Understanding Pathway Complexity of Organic Micro/Nanofiber Growth in Hydrogen-Bonded Coassembly of Aromatic Amino Acids. <i>ACS Nano</i> , 2017 , 11, 4206-4216	16.7	44
60	Self-assembly of a neutral luminescent Au(12) cluster with D(2) symmetry. <i>Chemical Communications</i> , 2008 , 5514-6	5.8	42
59	A Cd(II)-based metal-organic framework as a luminance sensor to nitrobenzene and Tb(III) ion. <i>Dalton Transactions</i> , 2016 , 45, 6983-9	4.3	41

58	Heteroleptic dipyrinato complexes containing 5-ferrocenyldipyrromethene and dithiocarbamates as coligands: selective chromogenic and redox probes. <i>Inorganic Chemistry</i> , 2012 , 51, 8916-30	5.1	41
57	Environment-Adaptive Coassembly/Self-Sorting and Stimulus-Responsiveness Transfer Based on Cholesterol Building Blocks. <i>Advanced Science</i> , 2018 , 5, 1700552	13.6	40
56	Surfactant-thermal syntheses, structures, and magnetic properties of Mn-Ge-sulfides/selenides. <i>Inorganic Chemistry</i> , 2014 , 53, 10248-56	5.1	39
55	Microporous polymelamine network for highly selective CO ₂ adsorption. <i>Polymer</i> , 2013 , 54, 596-600	3.9	36
54	Water-Binding-Mediated Gelation/Crystallization and Thermosensitive Superchirality. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 7774-7779	16.4	32
53	[enH][Cu ₂ AgSnS ₄]: a quaternary layered sulfide based on Cu ₂ AgSnS ₄ composition. <i>CrystEngComm</i> , 2014 , 16, 5989-5992	3.3	32
52	Macroscopic architecture of charge transfer-induced molecular recognition from electron-rich polymer interpenetrated porous frameworks. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 5056-60	9.5	31
51	Fabrication of novel hybrid nanoflowers from boron nitride nanosheets and metal-organic frameworks: a solid acid catalyst with enhanced catalytic performance. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 18731-18735	13	30
50	Pyridinium-fused pyridinone: a novel "turn-on" fluorescent chemodosimeter for cyanide. <i>Chemistry - an Asian Journal</i> , 2014 , 9, 121-5	4.5	30
49	A urea decorated (3,24)-connected rhf-type metal-organic framework exhibiting high gas uptake capability and catalytic activity. <i>CrystEngComm</i> , 2015 , 17, 4632-4636	3.3	30
48	Co(II)-tricarboxylate metal-organic frameworks constructed from solvent-directed assembly for CO ₂ adsorption. <i>Microporous and Mesoporous Materials</i> , 2013 , 176, 194-198	5.3	30
47	Self-Assembly of Two Chiral Supramolecules with Three-Dimensional Porous Host Frameworks: (Δ){[Fe(II)(phen)(3)][Fe(III)Na(C(2)O(4))(3)]}(n) and Its Enantiomer. <i>Inorganic Chemistry</i> , 2007 , 46, 5823-5	5.1	30
46	A dual responsive "turn-on" fluorophore for orthogonal selective sensing of biological thiols and hydrogen peroxide. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 2761-2774	7.1	29
45	A highly porous metal-organic framework for large organic molecule capture and chromatographic separation. <i>Chemical Communications</i> , 2017 , 53, 3434-3437	5.8	27
44	Greener and modular synthesis of triazine-based conjugated porous polymers via direct arylation polymerization: structure-function relationship and photocatalytic application. <i>Polymer Chemistry</i> , 2018 , 9, 1972-1982	4.9	27
43	Drug encapsulation and release by mesoporous silica nanoparticles: the effect of surface functional groups. <i>Chemistry - A European Journal</i> , 2014 , 20, 11276-82	4.8	27
42	Rationally "clicked" post-modification of a highly stable metal-organic framework and its high improvement on CO ₂ -selective capture. <i>RSC Advances</i> , 2013 , 3, 15566	3.7	27
41	Surfactant-thermal method to prepare two novel two-dimensional MnSbS ₂ compounds for photocatalytic applications. <i>Journal of Solid State Chemistry</i> , 2014 , 220, 118-123	3.3	27

40	"Turn-on" fluorescence probe integrated polymer nanoparticles for sensing biological thiol molecules. <i>Scientific Reports</i> , 2014 , 4, 7057	4.9	26
39	Doxorubicin-Loaded Metal-Organic Gels for pH and Glutathione Dual-Responsive Release. <i>ChemNanoMat</i> , 2016 , 2, 504-508	3.5	26
38	Ruthenium-Catalyzed Oxidative Homocoupling of Arylboronic Acids in Water: Ligand Tuned Reactivity and Mechanistic Study. <i>Inorganic Chemistry</i> , 2016 , 55, 6332-43	5.1	25
37	In Situ Integration of Anisotropic SnO ₂ Heterostructures inside Three-Dimensional Graphene Aerogel for Enhanced Lithium Storage. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 26085-93	9.5	23
36	Synthesis, characterization and reactivity of arene ruthenium compounds based on 2,2'-dipyridylamine and di-2-pyridylbenzylamine and their applications in catalytic hydrogen transfer of ketones. <i>Journal of Organometallic Chemistry</i> , 2010 , 695, 2205-2212	2.3	23
35	Controlled synthesis of concave cuboctahedral nitrogen-rich metal-organic framework nanoparticles showing enhanced catalytic activation of epoxides with carbon dioxide. <i>CrystEngComm</i> , 2015 , 17, 8596-8601	3.3	20
34	Self-assembly of three 1-D zinc benzenedicarboxylate coordination polymers with 1,10-phenanthroline. <i>Journal of Coordination Chemistry</i> , 2010 , 63, 3923-3932	1.6	20
33	Syntheses, crystal structures and magnetic behaviors of three MnII-terephthalate coordination polymers containing terminal ligands. <i>Polyhedron</i> , 2008 , 27, 2402-2408	2.7	19
32	Scalable Synthesis of Honeycomblke VO/Carbon Nanotube Networks as Enhanced Cathodes for Lithium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 42438-42443	9.5	18
31	New challenge of metal-organic frameworks for high-efficient separation of hydrogen chloride toward clean hydrogen energy. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 5275-5279	1.3	17
30	Troponate/Aminotroponate Ruthenium-Arene Complexes: Synthesis, Structure, and Ligand-Tuned Mechanistic Pathway for Direct C-H Bond Arylation with Aryl Chlorides in Water. <i>Inorganic Chemistry</i> , 2016 , 55, 6739-49	5.1	16
29	Clicked Isorecticular Metal-Organic Frameworks and Their High Performance in the Selective Capture and Separation of Large Organic Molecules. <i>Angewandte Chemie</i> , 2015 , 127, 12939-12943	3.6	16
28	Highly Dispersed Surfactant-Free Nickel Nanoparticles and Their Remarkable Catalytic Activity in the Hydrolysis of Ammonia Borane for Hydrogen Generation. <i>Angewandte Chemie</i> , 2012 , 124, 6857-6860	3.6	16
27	{[M(NH ₃) ₆][Ag ₄ M ₄ Sn ₃ Se ₁₃]} [M=Zn, Mn]: Three-dimensional chalcogenide frameworks constructed from quaternary metal selenide clusters with two different transition metals. <i>Journal of Solid State Chemistry</i> , 2014 , 218, 146-150	3.3	15
26	An amine functionalized rht-type metal-organic framework with the improved performance for gas uptake. <i>Inorganic Chemistry Communication</i> , 2014 , 46, 13-16	3.1	15
25	An rht-type metal-organic framework constructed from an unsymmetrical ligand exhibiting high hydrogen uptake capability. <i>RSC Advances</i> , 2014 , 4, 53975-53980	3.7	14
24	Water-Binding-Mediated Gelation/Crystallization and Thermosensitive Superchirality. <i>Angewandte Chemie</i> , 2018 , 130, 7900-7905	3.6	13
23	Self-Assembly of -Terminal Aryl Amino Acids into Adaptive Single- and Double-Strand Helices. <i>Journal of Physical Chemistry Letters</i> , 2020 , 11, 4147-4155	6.4	11

22	Solvothermal synthesis, structure and properties of two new compounds based on Keggin polyoxometalates decorated by copper complexes. <i>Journal of Coordination Chemistry</i> , 2008 , 61, 3753-3762	1.6	11
21	Synthesis, structure and magnetic property of a one-dimensional Co(II)-formate helical coordination polymer. <i>Journal of Molecular Structure</i> , 2008 , 890, 112-115	3.4	11
20	Incorporating Photochromic Triphenylamine into a Zirconium-Organic Framework for Highly Effective Photocatalytic Aerobic Oxidation of Sulfides. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 20137-20144	9.5	11
19	Two metal-organic frameworks sharing the same basic framework show distinct interpenetration degrees and different performances in CO ₂ catalytic conversion. <i>CrystEngComm</i> , 2017 , 19, 4157-4161	3.3	10
18	Solvothermal syntheses of three new one-dimensional ternary selenidostannates: [DBNH][M ₁ /2Sn ₁ /2Se ₂] (M=Mn, Zn, Hg). <i>Journal of Solid State Chemistry</i> , 2013 , 204, 86-90	3.3	10
17	Metal-Nanoparticle Catalyzed Hydrogen Generation from Liquid-Phase Chemical Hydrogen Storage Materials. <i>Journal of the Chinese Chemical Society</i> , 2012 , 59, 1181-1189	1.5	10
16	Photoassisted "gate-lock" fluorescence "turn-on" in a new Schiff base and coordination ability of E-Z isomers. <i>Organic Letters</i> , 2012 , 14, 592-5	6.2	10
15	pH-Directed assembly and magnetic properties of two polynuclear Mn(II) complexes: [Mn ₃ (phen) ₂ (OOCCH ₃) ₆] and 1-D [Mn(phen)Cl ₂] _n . <i>Polyhedron</i> , 2008 , 27, 3669-3673	2.7	9
14	Understanding the Pathway of Gas Hydrate Formation with Porous Materials for Enhanced Gas Separation. <i>Research</i> , 2019 , 2019, 3206024	7.8	9
13	Two 1-D europium coordination polymers: synthesis, crystal structure and fluorescence. <i>Journal of Coordination Chemistry</i> , 2009 , 62, 797-807	1.6	8
12	Self-assembly of two 3D coordination polymers based on Ni(II)/Co(II)-terephthalic 1D blocks. <i>Inorganica Chimica Acta</i> , 2008 , 361, 293-298	2.7	7
11	An iGlu receptor antagonist and its simultaneous use with an anticancer drug for cancer therapy. <i>Chemistry - A European Journal</i> , 2015 , 21, 6123-31	4.8	6
10	Synthesis and characterization of Ru(IV) and Rh(II) complexes containing phenylimidazole ligands. <i>Journal of Organometallic Chemistry</i> , 2010 , 695, 1924-1931	2.3	6
9	Synthesis and characterization of [Fe(EDCl) ₂ (phen)] _n and [Fe(H ₂ O) ₃ (phen)SO ₄]. <i>Journal of Coordination Chemistry</i> , 2008 , 61, 1568-1574	1.6	6
8	A Robust Aluminum Metal-Organic Framework with Temperature-Induced Breathing Effect 2020 , 2, 220-226		5
7	High Enhancement in Proton Conductivity by Incorporating Sulfonic Acids into a Zirconium-Based Metal-Organic Framework via "Click" Reaction. <i>Inorganic Chemistry</i> , 2021 , 60, 10089-10094	5.1	3
6	Effective Photocatalytic Initiation of Reactive Oxygen Species by a Photoactive Covalent Organic Framework for Oxidation Reactions	1160-1167	3
5	catena-Poly[[[(2,2'-bipyridine-4,4'-diyl,N,N')cobalt(II)]-hexafluorophosphate-1,4,5,8-tetrakis(oxido)]]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 65, m508		2

4	Metal-Organic Frameworks: Bimetallic Metal-Organic Frameworks: Probing the Lewis Acid Site for CO ₂ Conversion (Small 17/2016). <i>Small</i> , 2016 , 12, 2386-2386	11	2
3	Homo-chiral self-assemblies and magnetic studies of M(II)-2,2'-bipyridine-4,4'-dicarboxylate coordination polymers. <i>Inorganic Chemistry Communication</i> , 2011 , 14, 411-414	3.1	1
2	Low-Dimensional Hybrid Lead Iodide Perovskites Single Crystals via Bifunctional Amino Acid Cross-Linkage: Structural Diversity and Properties Controllability. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 3325-3335	9.5	1
1	Facile construction of a click-based robust porous organic polymer and its in-situ sulfonation for proton conduction. <i>Microporous and Mesoporous Materials</i> , 2021 , 325, 111348	5.3	0