Zekai Lin

List of Publications by Year
in descending order

33	3,553	201674 27	434195 31
papers	citations	h-index	g-index

36	36	36	4651
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	Luminescence Enhancement of <i>cis</i>-[Ru(bpy)₂(py)₂]²⁺ via Confinement within a Metalâ€“Organic Framework. Inorganic Chemistry, 2019, 58, 7645-7648.	4.0	10
2	Metalâ€“organic layers stabilize earth-abundant metalâ€“terpyridine diradical complexes for catalytic Câ€“H activation. Chemical Science, 2018, 9, 143-151.	7.4	75
3	Titanium(III)-Oxo Clusters in a Metalâ€“Organic Framework Support Single-Site Co(II)-Hydride Catalysts for Arene Hydrogenation. Journal of the American Chemical Society, 2018, 140, 433-440.	13.7	112
4	Single-Site Cobalt Catalysts at New Zr₁₂(Î¼₃-O)₈(Î¼₃-OH)₈(Î¼₂-OH)₆ Metalâ€“Organic Framework Nodes for Highly Active Hydrogenation of Nitroarenes, Nitriles, and Isocyanides. Journal of the American Chemical Society, 2017, 139, 7004-7011.	13.7	211
5	Exciton Migration and Amplified Quenching on Two-Dimensional Metalâ€“Organic Layers. Journal of the American Chemical Society, 2017, 139, 7020-7029.	13.7	134
6	Surface Modification of Twoâ€Dimensional Metalâ€“Organic Layers Creates Biomimetic Catalytic Microenvironments for Selective Oxidation. Angewandte Chemie - International Edition, 2017, 56, 9704-9709.	13.8	155
7	Phenanthroline-based metalâ€“organic frameworks for Fe-catalyzed C_{sp3}â€“H amination. Faraday Discussions, 2017, 201, 303-315.	3.2	38
8	Surface Modification of Twoâ€Dimensional Metalâ€“Organic Layers Creates Biomimetic Catalytic Microenvironments for Selective Oxidation. Angewandte Chemie, 2017, 129, 9836-9841.	2.0	38
9	Nanoscale Metalâ€“Organic Layers for Deeply Penetrating Xâ€rayâ€Induced Photodynamic Therapy. Angewandte Chemie, 2017, 129, 12270-12274.	2.0	59
10	Frontispiece: Surface Modification of Twoâ€Dimensional Metalâ€“Organic Layers Creates Biomimetic Catalytic Microenvironments for Selective Oxidation. Angewandte Chemie - International Edition, 2017, 56, .	13.8	0
11	Frontispiz: Surface Modification of Twoâ€Dimensional Metalâ€“Organic Layers Creates Biomimetic Catalytic Microenvironments for Selective Oxidation. Angewandte Chemie, 2017, 129, .	2.0	0
12	Transformation of Metalâ€“Organic Framework Secondary Building Units into Hexanuclear Zr-Alkyl Catalysts for Ethylene Polymerization. Journal of the American Chemical Society, 2017, 139, 11325-11328.	13.7	104
13	Nanoscale Metalâ€“Organic Layers for Deeply Penetrating Xâ€rayâ€Induced Photodynamic Therapy. Angewandte Chemie - International Edition, 2017, 56, 12102-12106.	13.8	146
14	Molecular Iridium Complexes in Metalâ€“Organic Frameworks Catalyze CO₂ Hydrogenation via Concerted Proton and Hydride Transfer. Journal of the American Chemical Society, 2017, 139, 17747-17750.	13.7	135
15	Selfâ€Supporting Metalâ€“Organic Layers as Singleâ€Site Solid Catalysts. Angewandte Chemie - International Edition, 2016, 55, 4962-4966.	13.8	303
16	InnenrÃ¼cktitelbild: Self-Supporting Metal-Organic Layers as Single-Site Solid Catalysts (Angew. Chem.) Tj ETQq0 0 0 rgBT /Overlock 10	2.0	0
17	Single-Site Cobalt Catalysts at New Zr₈(Î¼₂-O)₈(Î¼₂-OH)₄ Metal-Organic Framework Nodes for Highly Active Hydrogenation of Alkenes, Imines, Carbonyls, and Heterocycles. Journal of the American Chemical Society, 2016, 138, 12234-12242.	13.7	151
18	Highly Efficient Cooperative Catalysis by Co^{III}(Porphyrin) Pairs in Interpenetrating Metalâ€“Organic Frameworks. Angewandte Chemie, 2016, 128, 13943-13947.	2.0	24

#	Article	IF	Citations
19	Highly Efficient Cooperative Catalysis by Co^{III}(Porphyrin) Pairs in Interpenetrating Metalâ€“Organic Frameworks. Angewandte Chemie - International Edition, 2016, 55, 13739-13743.	13.8	78
20	Metalâ€“Organic Frameworks Stabilize Mono(phosphine)â€“Metal Complexes for Broad-Scope Catalytic Reactions. Journal of the American Chemical Society, 2016, 138, 9783-9786.	13.7	111
21	Cerium-Hydride Secondary Building Units in a Porous Metalâ€“Organic Framework for Catalytic Hydroboration and Hydrophosphination. Journal of the American Chemical Society, 2016, 138, 14860-14863.	13.7	69
22	Chemoselective single-site Earth-abundant metal catalysts at metalâ€“organic framework nodes. Nature Communications, 2016, 7, 12610.	12.8	225
23	Hierarchical Integration of Photosensitizing Metalâ€“Organic Frameworks and Nickelâ€Containing Polyoxometalates for Efficient Visibleâ€Lightâ€Driven Hydrogen Evolution. Angewandte Chemie, 2016, 128, 6521-6526.	2.0	53
24	Selfâ€Supporting Metalâ€“Organic Layers as Singleâ€Site Solid Catalysts. Angewandte Chemie, 2016, 128, 5046-5050.	2.0	61
25	Hierarchical Integration of Photosensitizing Metalâ€“Organic Frameworks and Nickelâ€Containing Polyoxometalates for Efficient Visibleâ€Lightâ€Driven Hydrogen Evolution. Angewandte Chemie - International Edition, 2016, 55, 6411-6416.	13.8	230
26	Graphene-Immobilized <i>fac</i>-Re(bipy)(CO)₃Cl for Syngas Generation from Carbon Dioxide. ACS Applied Materials & Interfaces, 2016, 8, 4192-4198.	8.0	21
27	FÃ¶rster Energy Transport in Metalâ€“Organic Frameworks Is Beyond Step-by-Step Hopping. Journal of the American Chemical Society, 2016, 138, 5308-5315.	13.7	131
28	Robust and Porous Î²-Diketiminate-Functionalized Metalâ€“Organic Frameworks for Earth-Abundant-Metal-Catalyzed Câ€“H Amination and Hydrogenation. Journal of the American Chemical Society, 2016, 138, 3501-3509.	13.7	158
29	Cation-mediated optical resolution and anticancer activity of chiral polyoxometalates built from entirely achiral building blocks. Chemical Science, 2016, 7, 4220-4229.	7.4	87
30	Photosensitizing Metalâ€“Organic Framework Enabling Visible-Light-Driven Proton Reduction by a Wellsâ€“Dawson-Type Polyoxometalate. Journal of the American Chemical Society, 2015, 137, 3197-3200.	13.7	374
31	Robust, Chiral, and Porous BINAP-Based Metalâ€“Organic Frameworks for Highly Enantioselective Cyclization Reactions. Journal of the American Chemical Society, 2015, 137, 12241-12248.	13.7	128
32	The first chiral diene-based metalâ€“organic frameworks for highly enantioselective carbonâ€“carbon bond formation reactions. Chemical Science, 2015, 6, 7163-7168.	7.4	71
33	A Metalâ€“Organic Framework Containing Unusual Eightâ€Connected Zrâ€“Oxo Secondary Building Units and Orthogonal Carboxylic Acids for Ultraâ€sensitive Metal Detection. Chemistry - A European Journal, 2014, 20, 14965-14970.	3.3	58