Yi Luan

List of Publications by Year
in descending order

52 papers	1,867 citations	331538 21 h-index	254106 43 g-index
52 all docs	52 docs citations	52 times ranked	2609 citing authors

#	Article	IF	Citations
1	UiO-67 metalâ€“organic framework immobilized Fe³⁺ catalyst for efficient Moritaâ€“Baylisâ€“Hillman reaction. New Journal of Chemistry, 2022, 46, 3199-3206.	1.4	9
2	One-pot fabrication of crosslinked nanochains composed of resorcinolâ€“formaldehyde resin hollow nanospheres with tunable shell thickness by using poly(acrylic acid) as template. Materials Today Communications, 2022, 31, 103281.	0.9	1
3	An efficient and recyclable Cu@UiO-67-BPY catalyst for the selective oxidation of alcohols and the epoxidation of olefins. New Journal of Chemistry, 2022, 46, 5839-5847.	1.4	3
4	Multi-field driven thermochromic films and preparation of multi-color patterns. Liquid Crystals, 2022, 49, 1853-1865.	0.9	1
5	The role of nanomesh fibres loaded with fluorescent materials on the electro-optical performance of PDLC devices. Liquid Crystals, 2022, 49, 2037-2050.	0.9	9
6	Photo-induced anti-Markovnikov hydroalkylation of unactivated alkenes employing a dual-component initiator. Chinese Chemical Letters, 2021, 32, 681-684.	4.8	6
7	Synthesis of dendritic porous silica nanospheres coated by polymer layer with well-dispersed ultrasmall Pt nanoparticles. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 618, 126407.	2.3	1
8	Chemical Syntheses and Biological Evaluation of CXCL14 and Its Site-Selectively Modified Methionine Sulfoxide-Containing Derivatives. Journal of Organic Chemistry, 2020, 85, 1740-1747.	1.7	8
9	Growth of Cu-BTC MOFs on dendrimer-like porous silica nanospheres for the catalytic aerobic epoxidation of olefins. New Journal of Chemistry, 2020, 44, 14350-14357.	1.4	4
10	Copperâ€doped sulfonic acidâ€functionalized MILâ€101(Cr) metalâ€“organic framework for efficient aerobic oxidation reactions. Applied Organometallic Chemistry, 2020, 34, e5445.	1.7	14
11	Reversible Addition-Fragmentation Chain Transfer Polymerization of 2-Chloroethyl Methacrylate and Post-Polymerization Modification. Macromolecular Research, 2019, 27, 686-692.	1.0	0
12	An efficient Nozakiâ€“Hiyama allenylation promoted by the acid derived MIL-101 MOF. RSC Advances, 2019, 9, 7479-7484.	1.7	6
13	A Perspective on Reversibility in Controlled Polymerization Systems: Recent Progress and New Opportunities. Molecules, 2018, 23, 2870.	1.7	14
14	A facile 2H-chromene dimerization through an ortho-quinone methide intermediate catalyzed by a sulfonyl derived MIL-101 MOF. New Journal of Chemistry, 2018, 42, 12722-12728.	1.4	10
15	Modification of Cu2+ into Zr-based metalâ€“organic framework (MOF) with carboxylic units as an efficient heterogeneous catalyst for aerobic epoxidation of olefins. Molecular Catalysis, 2018, 456, 57-64.	1.0	30
16	Homodimerization of 2H-chromenes catalyzed by BrÃ¸nsted-acid derived UiO-66 MOFs. Catalysis Science and Technology, 2018, 8, 3406-3413.	2.1	13
17	Direct synthesis of Fe(III) immobilized Zrâ€based metalâ€“organic framework for aerobic oxidation reaction. Applied Organometallic Chemistry, 2017, 31, e3862.	1.7	10
18	A novel modified MIL-101-NH2 ligand for CuI-catalyzed and air promoted oxidation of secondary alcohols. RSC Advances, 2017, 7, 22353-22359.	1.7	16

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19	Picolinoyl functionalized MOF ligands for an air-promoted secondary alcohol oxidation with CuBr. New Journal of Chemistry, 2017, 41, 4400-4405.	1.4	11
20	Recent Synthetic Advances on Ï€-Extended Carbon Nanohoops. Synlett, 2017, 28, 1383-1388.	1.0	18
21	Dendritic porous yolk@ordered mesoporous shell structured heterogeneous nanocatalysts with enhanced stability. Journal of Materials Chemistry A, 2017, 5, 21560-21569.	5.2	53
22	Facile synthesis of Cu₃(BTC)₂/cellulose acetate mixed matrix membranes and their catalytic applications in continuous flow process. New Journal of Chemistry, 2017, 41, 9123-9129.	1.4	15
23	An Fe₃O₄@P4VP@FeCl₃ coreâ€“shell heterogeneous catalyst for aerobic oxidation of alcohols and benzylic oxidation reaction. RSC Advances, 2017, 7, 51142-51150.	1.7	16
24	Development of a BrÃ¸nsted acid Alâ€“MIL-53 metalâ€“organic framework catalyst and its application in [4 + 2] cycloadditions. RSC Advances, 2017, 7, 34591-34597.	1.7	20
25	The synthesis of metalâ€“organic framework Alâ€MILâ€53â€derived BrÃ¸nsted acid catalyst and its application in the Mannich reaction. Applied Organometallic Chemistry, 2017, 31, e3569.	1.7	14
26	Development of a novel BrÃ¸nsted acid UiO-66 metalâ€“organic framework catalyst by postsynthetic modification and its application in catalysis. RSC Advances, 2016, 6, 67226-67231.	1.7	30
27	Introduction of an organic acid phase changing material into metalâ€“organic frameworks and the study of its thermal properties. Journal of Materials Chemistry A, 2016, 4, 7641-7649.	5.2	132
28	A Metalâ€Organic Framework BrÃ¸nsted Acid Catalyst: Synthesis, Characterization and Application to the Generation of Quinone Methides for [4+2] Cycloadditions. Advanced Synthesis and Catalysis, 2016, 358, 2604-2611.	2.1	23
29	The synthesis of a bifunctional copper metal organic framework and its application in the aerobic oxidation/Knoevenagel condensation sequential reaction. Dalton Transactions, 2016, 45, 13917-13924.	1.6	76
30	Fabrication of hierarchical composite microspheres of copper-doped Fe₃O₄@P4VP@ZIF-8 and their application in aerobic oxidation. New Journal of Chemistry, 2016, 40, 10127-10135.	1.4	21
31	Design and Synthesis of an Au@MILâ€53(NH₂) Catalyst for a Oneâ€Pot Aerobic Oxidation/Knoevenagel Condensation Reaction. European Journal of Inorganic Chemistry, 2015, 2015, 5099-5105.	1.0	36
32	Synthesis of a flower-like Zr-based metalâ€“organic framework and study of its catalytic performance in the Mannich reaction. RSC Advances, 2015, 5, 19273-19278.	1.7	61
33	Highly efficient sulfonated-polystyreneâ€“Cu(II)@Cu₃(BTC)₂ coreâ€“shell microsphere catalysts for base-free aerobic oxidation of alcohols. Journal of Materials Chemistry A, 2015, 3, 4266-4273.	5.2	41
34	Synthesis of UiO-66-NH2 derived heterogeneous copper (II) catalyst and study of its application in the selective aerobic oxidation of alcohols. Journal of Molecular Catalysis A, 2015, 407, 53-59.	4.8	98
35	A general post-synthetic modification approach of amino-tagged metalâ€“organic frameworks to access efficient catalysts for the Knoevenagel condensation reaction. Journal of Materials Chemistry A, 2015, 3, 17320-17331.	5.2	211
36	Enantioselective Synthesis of 1,2-Dihydronaphthalene-1-carbaldehydes by Addition of Boronates to Isochromene Acetals Catalyzed by Tartaric Acid. Journal of the American Chemical Society, 2015, 137, 3233-3236.	6.6	57

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37	Nanoscaled Copper Metalâ€“Organic Framework (MOF) Based on Carboxylate Ligands as an Efficient Heterogeneous Catalyst for Aerobic Epoxidation of Olefins and Oxidation of Benzylic and Allylic Alcohols. Chemistry - A European Journal, 2015, 21, 1589-1597.	1.7	116
38	Ultrathin mesoporous NiCo₂O₄ nanosheets as an efficient and reusable catalyst for benzylic oxidation. RSC Advances, 2015, 5, 2405-2410.	1.7	12
39	Hierarchical PS/PANI nanostructure supported Cu(<scp>ii</scp>) complexes: facile synthesis and study of catalytic applications in aerobic oxidation. RSC Advances, 2014, 4, 55028-55035.	1.7	31
40	Merging metalâ€“organic framework catalysis with organocatalysis: A thiourea functionalized heterogeneous catalyst at the nanoscale. Catalysis Science and Technology, 2014, 4, 925.	2.1	77
41	A fast synthesis of hierarchical yolkâ€“shell copper hydroxysulfates at room temperature with adjustable sizes. CrystEngComm, 2014, 16, 2520.	1.3	14
42	Development of a SO₃Hâ€Functionalized UiOâ€66 Metalâ€“Organic Framework by Postsynthetic Modification and Studies of Its Catalytic Activities. European Journal of Inorganic Chemistry, 2014, 2014, 4268-4272.	1.0	54
43	The development of a novel HAuCl4@MOF catalyst and its catalytic application in the formation of dihydrochalcones. RSC Advances, 2014, 4, 34199.	1.7	12
44	Synthesis of a Fe₃O₄â€“CuO@meso-SiO₂ nanostructure as a magnetically recyclable and efficient catalyst for styrene epoxidation. Catalysis Science and Technology, 2014, 4, 3082-3089.	2.1	41
45	Synthesis of an amino-functionalized metalâ€“organic framework at a nanoscale level for gold nanoparticle deposition and catalysis. Journal of Materials Chemistry A, 2014, 2, 20588-20596.	5.2	130
46	Synthesis of hierarchical Polystyrene/Polyaniline@Au nanostructures of different surface states and studies of their catalytic properties. Science China Chemistry, 2014, 57, 1211-1217.	4.2	15
47	Diastereoselective Three-Component Synthesis of Î²-Amino Carbonyl Compounds Using Diazo Compounds, Boranes, and Acyl Imines under Catalyst-Free Conditions. Journal of Organic Chemistry, 2014, 79, 4694-4698.	1.7	18
48	Enantioselective Addition of Boronates to o-Quinone Methides Catalyzed by Chiral Biphenols. Journal of the American Chemical Society, 2012, 134, 19965-19968.	6.6	189
49	Multicomponent Mannich Reactions with Boron Enolates Derived from Diazo Esters and 9-BBN. Organic Letters, 2011, 13, 2510-2513.	2.4	30
50	Iron-Catalyzed Rearrangements and Cycloaddition Reactions of 2H-Chromenes. Organic Letters, 2011, 13, 6480-6483.	2.4	38
51	The synthesis of a copper metalâ€organic framework Cu 3 TDPAT and its application in a Moritaâ€Baylisâ€Hillman (MBH) reaction. Applied Organometallic Chemistry, 0, , .	1.7	1
52	Dual-field responsive polymer-dispersed liquid crystal films with polymer spacer columns and fluorescent properties. Liquid Crystals, 0, , 1-14.	0.9	1