

Yu-Feng Liu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Self-assembly of a new 3D platelike ternary-oxo-cluster: An efficient catalyst for the synthesis of pyrazoles. <i>Chinese Chemical Letters</i> , 2022, 33, 354-357.	9.0	23
2	H ₄ SiW ₁₂ O ₄₀ -catalyzed cyclization of epoxides/aldehydes and sulfonyl hydrazides: An efficient synthesis of 3,4-disubstituted 1H-pyrazoles. <i>Chinese Chemical Letters</i> , 2022, 33, 1483-1487.	9.0	33
3	Effect of Na(I)-H ₂ O clusters on self-assembly of sandwich-type U(VI)-containing silicotungstates and the efficient catalytic activity for the synthesis of substituted phenylsulfonyl-1H-pyrazoles. <i>Tungsten</i> , 2022, 4, 149-157.	4.8	21
4	Two Dawson-type U(VI)-containing selenotungstates with sandwich structure and its high efficiency catalysis for pyrazoles. <i>Chinese Chemical Letters</i> , 2022, 33, 3899-3902.	9.0	15
5	Two novel telluronibates with efficient catalytic activity for the imidation/amidation reaction. <i>Chemical Communications</i> , 2022, 58, 1167-1170.	4.1	11
6	Synthesis of 3,3-disubstituted Isobenzofuranones via Cs _{0.5} H _{2.5} PW ₁₂ O ₄₀ -Catalyzed Difunctionalization of Carbonyls. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 1460-1464.	4.3	11
7	The largest Se-4f cluster incorporated polyoxometalate with high Lewis acid-base catalytic activity. <i>Chemical Communications</i> , 2022, 58, 5737-5740.	4.1	9
8	Copper-Containing Polyoxometalate-Based Metal-Organic Frameworks as Heterogeneous Catalysts for the Synthesis of N-Heterocycles. <i>Inorganic Chemistry</i> , 2022, 61, 6934-6942.	4.0	29
9	Regioselective Synthetic Approach to Higher Alkenes from Lower Alkenes with Sulfoxides in the Fe ³⁺ /H ₂ O ₂ System via Direct Alkylation or Arylation of the C ² -H Bond on the C=C Bond of Alkenes. <i>Journal of Organic Chemistry</i> , 2022, 87, 7022-7032.	3.2	4
10	Three rare-earth incorporating 6-peroxotantalo-4-selenates and catalytic activities for imidation reaction. <i>Dalton Transactions</i> , 2022, 51, 9988-9993.	3.3	7
11	Heteropolyacid ionic liquid heterogeneously catalyzed synthesis of isochromans via oxa-Pictet-Spengler cyclization in dimethyl carbonate. <i>RSC Advances</i> , 2021, 11, 10610-10614.	3.6	10
12	Synthesis of symmetrical / unsymmetrical thiosulfonates through the disproportionate coupling reaction of sulfonyl hydrazide mediated by phosphomolybdic acid. <i>Tetrahedron Letters</i> , 2021, 65, 152757.	1.4	29
13	2D network structure of zinc(II) complex: A new easily accessible and efficient catalyst for the synthesis of pyrazoles. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6379.	3.5	6
14	Regio- and Stereoselective Synthesis of (<i>Z</i>)- α -lidenephthalides via H ₃ PMo ₁₂ O ₄₀ -Catalyzed Cyclization of α -Acylbenzoic Acids with Benzylic Alcohols. <i>Chinese Journal of Chemistry</i> , 2021, 39, 3017-3022.	4.9	29
15	Two C=C Bond Participation in Annulation to Pyridines Based on DMF as the Nonadjacent N and C Atom Donors. <i>Journal of Organic Chemistry</i> , 2021, 86, 13446-13453.	3.2	9
16	[Co ₃ (μ_3 -O)]-Based Metal-Organic Frameworks as Advanced Anode Materials in K- and Na-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 46902-46908.	8.0	34
17	Self-assembly of Keggin-type U(VI)-containing tungstophosphates with a sandwich structure: an efficient catalyst for the synthesis of sulfonyl pyrazoles. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 4650-4656.	6.0	46
18	Copper-catalyzed aerobic oxidative C=C bond cleavage of simple ketones for the synthesis of amides. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 6958-6964.	2.8	14

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19	H3PMo12O40-catalyzed coupling of diarylmethanols with epoxides/diols/aldehydes toward polyaryl-substituted aldehydes. <i>Chinese Chemical Letters</i> , 2020, 31, 3233-3236.	9.0	37
20	Efficient Synthesis of 3,6-Dihydro-2H-Pyrans via [3+2+1] Annulation Based on the Heteroatom-Free Triatom Donor. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 5392-5399.	4.3	8
21	Dimethyl Sulfoxide Oxygen Donor-Based Annulation of Ketones and Ammonium Persulfate: Regioselective Synthesis of 2,4-disubstituted Oxazoles. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 1632-1640.	4.3	26
22	Synthesis of 3-Nitroisoxazoles via Copper Acetate-Mediated Reaction of Benzaldehydes with Nitromethane. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 3420-3429.	4.3	10
23	Direct Assembly of Polysubstituted Furans via C(sp ³)-H Bond Functionalization by Using Dimethyl Sulfoxide as a Dual Synthon. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 1084-1091.	4.3	31
24	Copper-Catalyzed Aerobic Oxidative Cyclization of Anilines, Aryl Methyl Ketones and DMSO: Efficient Assembly of 2-Arylquinolines. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 2691-2695.	4.3	51
25	Transition-Metal-Free Oxidative Decarboxylative Cross Coupling of α,β -Unsaturated Carboxylic Acids with Cyclic Ethers under Air Conditions: Mild Synthesis of α -Oxyalkyl Ketones. <i>Journal of Organic Chemistry</i> , 2017, 82, 2965-2971.	3.2	34
26	Transition metal-free C(sp ³)-H bond coupling among three methyl groups. <i>Chemical Communications</i> , 2017, 53, 5346-5349.	4.1	57
27	Copper(I)-Catalyzed α,β -Acryloyloxylation of Ketones with α,β -Unsaturated Carboxylic Acids To Form α,β -Acryloyloxy Ketones. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 734-740.	2.4	5
28	Transition Metal-Free α -C(sp ³)-H Methylenation of Ketones to Form C-C Bond Using Dimethyl Sulfoxide as Carbon Source. <i>Journal of Organic Chemistry</i> , 2017, 82, 7159-7164.	3.2	71
29	Transition-Metal-Free TBAI-Facilitated Addition-Cyclization of <i>N</i> -Methyl- <i>N</i> -arylacrylamides with Arylaldehydes or Benzenesulfonohydrazides: Access to Carbonyl- and Sulfone-Containing <i>N</i> -Methyloxindoles. <i>Journal of Organic Chemistry</i> , 2016, 81, 5181-5189.	3.2	59
30	Disulfides as Sulfonylating Precursors for the Synthesis of Sulfone-Containing Oxindoles. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 2976-2983.	4.3	37
31	K ₂ S ₂ O ₈ -mediated nitration of alkenes with NaNO ₂ and 2,2,6,6-tetramethylpiperidine-1-oxyl: stereoselective synthesis of (E)-nitroalkenes. <i>Tetrahedron Letters</i> , 2016, 57, 80-84.	1.4	28
32	Metal-free direct cyanoisopropylation/arylation of <i>N</i> -arylacrylamides or <i>N</i> -alkyl- <i>N</i> -(arylsulfonyl)acrylamides with AIBN: a simple and mild approach to cyano-containing oxindoles. <i>RSC Advances</i> , 2015, 5, 56438-56443.	3.6	24
33	Transition-Metal-Free Synthesis of Carbonyl-Containing Oxindoles from <i>N</i> -Arylacrylamides and α,β -Diketones via TBHP- or Oxone-Mediated Oxidative Cleavage of C(sp ²)-C(sp ²) Bonds. <i>Journal of Organic Chemistry</i> , 2015, 80, 10777-10786.	3.2	31