Guomin Xiao

List of Publications by Year
in descending order

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128 papers	3,425 citations	109264 35 h-index	175177 52 g-index
128 all docs	128 docs citations	128 times ranked	3770 citing authors

#	Article	IF	Citations
1	Biodiesel from palm oil via loading KF/Caâ€“Al hydrotalcite catalyst. Biomass and Bioenergy, 2010, 34, 1283-1288.	2.9	128
2	Catalytic pyrolysis of black-liquor lignin by co-feeding with different plastics in a fluidized bed reactor. Bioresource Technology, 2015, 192, 68-74.	4.8	126
3	CuNi@C catalysts with high activity derived from metalâ€“organic frameworks precursor for conversion of furfural to cyclopentanone. Chemical Engineering Journal, 2016, 299, 104-111.	6.6	125
4	3D-monoclinic Mâ€“BTC MOF (M = Mn, Co, Ni) as highly efficient catalysts for chemical fixation of CO2 into cyclic carbonates. Journal of Industrial and Engineering Chemistry, 2018, 58, 296-303.	2.9	113
5	Biodiesel from Waste Cooking Oil via Heterogeneous Superacid Catalyst SO₄^{2â^'}/ZrO₂. Energy & Fuels, 2009, 23, 569-572.	2.5	100
6	High-efficiency and low-cost Li/ZnO catalysts for synthesis of glycerol carbonate from glycerol transesterification: The role of Li and ZnO interaction. Applied Catalysis A: General, 2017, 532, 77-85.	2.2	91
7	A Universal Procedure for Crude Glycerol Purification from Different Feedstocks in Biodiesel Production: Experimental and Simulation Study. Industrial & Engineering Chemistry Research, 2013, 52, 14291-14296.	1.8	89
8	Catalytic pyrolysis of natural algae over Mg-Al layered double oxides/ZSM-5 (MgAl-LDO/ZSM-5) for producing bio-oil with low nitrogen content. Bioresource Technology, 2017, 225, 293-298.	4.8	83
9	Efficient production of furfural from xylose and wheat straw by bifunctional chromium phosphate catalyst in biphasic systems. Fuel Processing Technology, 2018, 175, 90-96.	3.7	75
10	Catalytic Hydroprocessing of Furfural to Cyclopentanol Over Ni/CNTs Catalysts: Model Reaction for Upgrading of Bio-oil. Catalysis Letters, 2014, 144, 235-241.	1.4	72
11	Catalytic conversion of biomass pyrolysis-derived compounds with chemical liquid deposition (CLD) modified ZSM-5. Bioresource Technology, 2014, 155, 57-62.	4.8	68
12	Performance of hierarchical HZSM-5 zeolites prepared by NaOH treatments in the aromatization of glycerol. RSC Advances, 2015, 5, 63697-63704.	1.7	68
13	Imidazolium ionic liquid functionalized UiO-66-NH2 as highly efficient catalysts for chemical fixation of CO2 into cyclic carbonates. Microporous and Mesoporous Materials, 2021, 310, 110578.	2.2	61
14	Selective hydrogenation of furfural to cyclopentanone over Cu-Ni-Al hydrotalcite-based catalysts. Korean Journal of Chemical Engineering, 2014, 31, 593-597.	1.2	60
15	An experimental and theoretical study of glycerol oxidation to 1,3â€dihydroxyacetone over bimetallic Ptâ€Bi catalysts. AICHE Journal, 2017, 63, 705-715.	1.8	60
16	Co-catalytic pyrolysis of biomass and waste triglyceride seed oil in a novel fluidized bed reactor to produce olefins and aromatics integrated with self-heating and catalyst regeneration processes. RSC Advances, 2013, 3, 5769.	1.7	58
17	Upgrading of liquid fuel from fast pyrolysis of biomass over modified Ni/CNT catalysts. Fuel Processing Technology, 2014, 126, 12-18.	3.7	56
18	Study on Pyrolysis of Pine Sawdust with Solid Base and Acid Mixed Catalysts by Thermogravimetryâ€“Fourier Transform Infrared Spectroscopy and Pyrolysisâ€“Gas Chromatography/Mass Spectrometry. Energy & Fuels, 2014, 28, 4294-4299.	2.5	56

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19	Biodiesel production in a membrane reactor using MCM-41 supported solid acid catalyst. Bioresource Technology, 2014, 159, 286-291.	4.8	53
20	Efficient and selective conversion of methanol to para-xylene over stable H[Zn,Al]ZSM-5/SiO2 composite catalyst. Applied Catalysis A: General, 2018, 557, 15-24.	2.2	52
21	Chemical fixation of CO₂ into cyclic carbonates catalyzed by bimetal mixed MOFs: the role of the interaction between Co and Zn. Dalton Transactions, 2020, 49, 312-321.	1.6	52
22	Short channeled Ni-Co/SBA-15 catalysts for highly selective hydrogenation of biomass-derived furfural to tetrahydrofurfuryl alcohol. Microporous and Mesoporous Materials, 2018, 262, 154-165.	2.2	49
23	Synthesis of glycerol carbonate from glycerol and diethyl carbonate over Ce-NiO catalyst: The role of multiphase Ni. Journal of Alloys and Compounds, 2017, 720, 360-368.	2.8	48
24	Direct conversion of biomass-derived carbohydrates to 5-hydroxymethylfurfural using an efficient and inexpensive manganese phosphate catalyst. Fuel Processing Technology, 2018, 181, 199-206.	3.7	46
25	Enhanced performance of glycerol to aromatics over Sn-containing HZSM-5 zeolites. RSC Advances, 2016, 6, 42984-42993.	1.7	45
26	Highly efficient Cr/Î² zeolite catalyst for conversion of carbohydrates into 5â€˘hydroxymethylfurfural: Characterization and performance. Fuel Processing Technology, 2019, 190, 38-46.	3.7	45
27	Conversion of Furfural to Cyclopentanol on Cu/Zn/Al Catalysts Derived from Hydrotalcite-Like Materials. Catalysis Letters, 2015, 145, 1557-1565.	1.4	43
28	2-Methylimidazole Modified Co-BTC MOF as an Efficient Catalyst for Chemical Fixation of Carbon Dioxide. Catalysis Letters, 2019, 149, 2575-2585.	1.4	43
29	Zn2(C9H3O6)(C4H5N2)(C4H6N2)3 MOF as a highly efficient catalyst for chemical fixation of CO2 into cyclic carbonates and kinetic studies. Chemical Engineering Research and Design, 2018, 140, 273-282.	2.7	42
30	Catalytic conversion of guaiacol to alcohols for bio-oil upgrading. Journal of Energy Chemistry, 2015, 24, 425-431.	7.1	41
31	Engineered Polymer for Controlled Metal Nanoparticle Synthesis. Chemistry of Materials, 2010, 22, 2181-2183.	3.2	40
32	Synthesis of glycerol carbonate over porous La-Zr based catalysts: The role of strong and super basic sites. Journal of Alloys and Compounds, 2018, 750, 828-837.	2.8	38
33	Synthesis of glycerol carbonate from glycerol and diethyl carbonate over CeO 2 -CdO catalyst: The role of Ce 4+ doped into CdO lattice. Journal of the Taiwan Institute of Chemical Engineers, 2018, 87, 131-139.	2.7	38
34	Mn-based MOFs as efficient catalysts for catalytic conversion of carbon dioxide into cyclic carbonates and DFT studies. Chemical Engineering Science, 2019, 201, 288-297.	1.9	38
35	Carbon nitride as efficient catalyst for chemical fixation of CO2 into chloropropene carbonate: Promotion effect of Cl in epichlorohydrin. Molecular Catalysis, 2017, 436, 228-236.	1.0	37
36	Production of Biofuels from High-Acid-Value Waste Oils. Energy & Fuels, 2011, 25, 4638-4642.	2.5	36

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37	Synergy effect between hierarchical structured and Sn-modified H[Sn, Al]ZSM-5 zeolites on the catalysts for glycerol aromatization. Microporous and Mesoporous Materials, 2018, 257, 154-161.	2.2	36
38	Melem based multifunctional catalyst for chemical fixation of carbon dioxide into cyclic carbonate. Journal of CO2 Utilization, 2018, 24, 287-297.	3.3	35
39	Pyridyl Ionic Liquid Functionalized ZIF-90 for Catalytic Conversion of CO2 into Cyclic Carbonates. Catalysis Letters, 2020, 150, 3561-3571.	1.4	35
40	Promoting effect of zirconium oxide on Cuâ€“Al₂O₃ catalyst for the hydrogenolysis of glycerol to 1,2-propanediol. Catalysis Science and Technology, 2016, 6, 4889-4900.	2.1	33
41	Functionalized DVB-based polymer catalysts for glycerol and CO2 catalytic conversion. Journal of CO2 Utilization, 2018, 28, 326-334.	3.3	32
42	Efficient conversion of glucose into 5-hydroxymethylfurfural using a bifunctional Fe³⁺ modified Amberlyst-15 catalyst. Sustainable Energy and Fuels, 2019, 3, 390-395.	2.5	31
43	Facile fabrication of water repellent coatings from vinyl functionalized SiO2 spheres. Journal of Coatings Technology Research, 2013, 10, 465-473.	1.2	29
44	Direct Conversion of Wheat Straw Components into Furan Compounds Using a Highly Efficient and Reusable SnCl₂-PTA/Î² Zeolite Catalyst. Industrial & Engineering Chemistry Research, 2019, 58, 9276-9285.	1.8	29
45	The effect of hierarchical pore architecture on one-step catalytic aromatization of glycerol: Reaction routes and catalytic performances. Molecular Catalysis, 2017, 432, 144-154.	1.0	28
46	(Liquid+liquid) extraction of methanol from alkanes using dialkylphosphate-based ionic liquids as solvents. Journal of Chemical Thermodynamics, 2015, 87, 110-116.	1.0	27
47	The growth mode of ZnO on HZSM-5 substrates by atomic layer deposition and its catalytic property in the synthesis of aromatics from methanol. Catalysis Science and Technology, 2016, 6, 3074-3086.	2.1	27
48	Selective hydrogenation of furfuryl alcohol to tetrahydrofurfuryl alcohol over Ni/Î³-Al2O3 catalysts. Research on Chemical Intermediates, 2017, 43, 1179-1195.	1.3	26
49	Facile fabrication of superhydrophobic raspberryâ€like SIO₂/polystyrene composite particles. Polymer Composites, 2013, 34, 51-57.	2.3	25
50	Catalytic Conversion of Xylose and Xylan into Furfural Over Cr³⁺/P-SBA-15 Catalyst Derived from Spent Adsorbent. Industrial & Engineering Chemistry Research, 2019, 58, 13013-13020.	1.8	25
51	Efficient and Selective Ni/Al2O3â€“C Catalyst Derived from Metalâ€–Organic Frameworks for the Hydrogenation of Furfural to Furfuryl Alcohol. Catalysis Letters, 2019, 149, 2158-2168.	1.4	25
52	A study on the liquidâ€–liquid equilibrium of 1-alkyl-3-methylimidazolium dialkylphosphate with methanol and dimethyl carbonate. Fluid Phase Equilibria, 2014, 382, 254-259.	1.4	24
53	Liquidâ€–liquid equilibria for ternary systems ethanol+heptane+phosphoric-based ionic liquids. Fluid Phase Equilibria, 2015, 386, 155-161.	1.4	24
54	A highly active and stable Zn@C/HZSM-5 catalyst using Zn@C derived from ZIF-8 as a template for conversion of glycerol to aromatics. Catalysis Science and Technology, 2019, 9, 739-752.	2.1	23

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55	Selective Hydrogenolysis of Glycerol over Acid-Modified Coâ€“Al Catalysts in a Fixed-Bed Flow Reactor. ACS Sustainable Chemistry and Engineering, 2018, 6, 110-118.	3.2	22
56	Promoting effect of Ce on a Cuâ€“Coâ€“Al catalyst for the hydrogenolysis of glycerol to 1,2-propanediol. Catalysis Science and Technology, 2016, 6, 5656-5667.	2.1	21
57	Dual-linker metal-organic frameworks as efficient carbon dioxide conversion catalysts. Applied Catalysis A: General, 2018, 566, 44-51.	2.2	21
58	Biodiesel Preparation from Jatropha curcas Oil Catalyzed by Hydrotalcite Loaded With K2CO3. Applied Biochemistry and Biotechnology, 2010, 162, 1725-1736.	1.4	20
59	A simple method for the fabrication of silica-based superhydrophobic surfaces. Journal of Coatings Technology Research, 2014, 11, 509-515.	1.2	20
60	Hydrogenolysis of glycerol to propanediols on Cuâ€“Caâ€“Al hydrotalcites derived catalysts. Reaction Kinetics, Mechanisms and Catalysis, 2016, 117, 239-251.	0.8	20
61	Sn and Zn modified HZSM-5 for one-step catalytic upgrading of glycerol to value-added aromatics: Synergistic combination of impregnated Sn particles, ALD introduced ZnO film and HZSM-5 zeolite. Applied Catalysis A: General, 2017, 539, 80-89.	2.2	20
62	MICROWAVE PRETREATMENTâ€ASSISTED ETHANOL EXTRACTION OF CHLOROPHYLLS FROM SPIRULINA PLATENSIS. Journal of Food Process Engineering, 2012, 35, 792-799.	1.5	17
63	Biodiesel Production from Soybean Oil in a Membrane Reactor over Hydrotalcite Based Catalyst: An Optimization Study. Energy & Fuels, 2013, 27, 6738-6742.	2.5	17
64	Antigraffiti polyurethane coating containing fluorocarbon side chains grafted polymethylsiloxane. Journal of Coatings Technology Research, 2013, 10, 361-369.	1.2	16
65	The comparison of mesoporous HZSM-5 zeolite catalysts prepared by different mesoporous templates and their catalytic performance in the methanol to aromatics reaction. Reaction Kinetics, Mechanisms and Catalysis, 2016, 119, 699-713.	0.8	15
66	Supported <scp>Cu</scp> catalysts for the hydrogenation of furfural in aqueous phase: effect of support. Asia-Pacific Journal of Chemical Engineering, 2017, 12, 422-431.	0.8	15
67	Effective and Stable Zeolite Imidazole Framework-Supported Copper Nanoparticles (Cu/ZIF-8) for Glycerol to Lactic Acid. Catalysis Letters, 2022, 152, 172-186.	1.4	15
68	Preparation of nano-sized HZSM-5 zeolite with sodium alginate for glycerol aromatization. Reaction Kinetics, Mechanisms and Catalysis, 2019, 127, 449-467.	0.8	14
69	Study on biodiesel from cotton seed oil by using heterogeneous super acid catalyst SO₄^{2â”}/ZrO₂. Asia-Pacific Journal of Chemical Engineering, 2012, 7, S222.	0.8	13
70	Atomic Layer Deposition of ZnO Thin Films on ZSM-5 Zeolite and Its Catalytic Performance in Chichibabin Reaction. Catalysis Letters, 2015, 145, 947-954.	1.4	13
71	Recent Advances of Pervaporation Separation in DMF/H2O Solutions: A Review. Membranes, 2021, 11, 455.	1.4	13
72	Direct conversion of cellulose to levulinic acid using SO3H-functionalized ionic liquids containing halogen-anions. Journal of Molecular Liquids, 2021, 339, 117278.	2.3	13

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73	Preparation and characterization of polyurethane clearcoats and investigation into their antigraffiti property. Journal of Coatings Technology Research, 2013, 10, 775-784.	1.2	12
74	Liquidâ€“Liquid Equilibrium for Ternary System Methanol + Methyl Acetate + 1,3-Dimethylimidazolium Dimethylphosphate at Several Temperatures and Atmospheric Pressure. Journal of Chemical & Engineering Data, 2015, 60, 57-64.	1.0	12
75	Tuning the Catalytic Activity of UiOâ€66 via Modulated Synthesis: Esterification of Levulinic Acid as a Test Reaction. European Journal of Inorganic Chemistry, 2020, 2020, 833-840.	1.0	12
76	Enhancement in the active site exposure in a porphyrin-based PIL/graphene composite catalyst for the highly efficient conversion of CO₂. Dalton Transactions, 2022, 51, 3331-3340.	1.6	12
77	Synthesis of glycerin triacetate over molding zirconia-loaded sulfuric acid catalyst. Journal of Natural Gas Chemistry, 2012, 21, 25-28.	1.8	11
78	Thermodynamic and kinetic studies for synthesis of glycerol carbonate from glycerol and diethyl carbonate over Ceâ€“NiO catalyst. Chemical Papers, 2018, 72, 2909-2919.	1.0	11
79	Ultranarrow Bandgap Naphthalenediimideâ€Dialkylbifuranâ€Based Copolymers with Highâ€Performance Organic Thinâ€Film Transistors and Allâ€Polymer Solar Cells. Macromolecular Rapid Communications, 2020, 41, 2000144.	2.0	11
80	[(CH3)2NH2][M(COOH)3] (M=Mn, Co, Ni, Zn) MOFs as highly efficient catalysts for chemical fixation of CO2 and DFT studies. Molecular Catalysis, 2019, 475, 110485.	1.0	10
81	An Effective and Inexpensive Hf/ZSM-5 Catalyst for Efficient HMF Formation from Cellulose. Catalysis Letters, 2021, 151, 1984-1992.	1.4	10
82	Monodisperse perovskite CoSn(OH)6 in-situ grown on NiCo hydroxide nanoflowers with strong interfacial bonds to boost broadband visible-light-driven photocatalytic CO2 reduction. Journal of Colloid and Interface Science, 2022, 619, 407-418.	5.0	10
83	Fabrication of superhydrophobic silica film by removing polystyrene spheres. Journal of Sol-Gel Science and Technology, 2011, 59, 334-337.	1.1	9
84	Selective hydrogenolysis of glycerol to 1,2-propanediol on the modified ultrastable Y-type zeolite dispersed copper catalyst. Reaction Kinetics, Mechanisms and Catalysis, 2014, 113, 543-556.	0.8	9
85	Cu/ZnO-USY: an efficient bifunctional catalyst for the hydrogenolysis of glycerol. Reaction Kinetics, Mechanisms and Catalysis, 2015, 115, 377-388.	0.8	9
86	Effect of supports on the structure and activity of vanadium-chromium oxide catalysts for ammoxidation of 3-picoline. Chinese Journal of Catalysis, 2013, 34, 1833-1838.	6.9	8
87	An Efficient and Green Transesterification of Glycols into Cyclic Carbonates Catalysed by KF/Caâ€“Mgâ€“Al Hydrotalcite. Journal of Chemical Research, 2014, 38, 679-681.	0.6	8
88	Preparation and characterization of inorganic acid catalytic membrane for biodiesel production from oleic acid. Asia-Pacific Journal of Chemical Engineering, 2015, 10, 851-857.	0.8	8
89	Supercritical CO2 extraction and response surface optimization of ginkgolic acids from ginkgo biloba exopleura. Korean Journal of Chemical Engineering, 2015, 32, 1649-1654.	1.2	8
90	Hierarchical glucose-based carbons prepared by soft templating and solâ€“gel process for CO2 capture. Journal of Porous Materials, 2017, 24, 1637-1645.	1.3	8

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91	Hydrodeoxygenation of Octanoic Acid over the Moâ€“Doped CeO₂â€Supported Bimetal Catalysts: The Role of Mo. ChemistrySelect, 2018, 3, 4786-4796.	0.7	8
92	Manganese(II) naphthenate as effective catalyst for the clean oxidation of 2-methylnaphthalene by hydrogen peroxide. Research on Chemical Intermediates, 2012, 38, 1839-1846.	1.3	7
93	Facile creation of superhydrophobic surface with fluorineâ€“silicon polymer under ambient atmosphere. Journal of Coatings Technology Research, 2012, 9, 589-595.	1.2	7
94	Efficient conversion of xylan and rice husk to furfural over immobilized imidazolium acidic ionic liquids. Reaction Kinetics, Mechanisms and Catalysis, 2022, 135, 795-810.	0.8	7
95	Hydroisomerization of n-Heptane Over Cr Promoted Pt-bearing H3PW12O40 Catalysts Supported on Dealuminated USY Zeolite. Catalysis Letters, 2009, 127, 360-367.	1.4	6
96	Ammoxidation of 3-picoline to nicotinonitrile using silica-supported VCrO catalysts. Research on Chemical Intermediates, 2013, 39, 1353-1361.	1.3	6
97	Hydrogenolysis of glycerol to propanediols over supported Agâ€“Cu catalysts. Chemical Papers, 2017, 71, 763-773.	1.0	6
98	Cyanobacteria pyrolysis with methanol catalyzed by Mg-Al hydrotalcite-derived oxides/ZSM-5. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2018, 40, 1273-1278.	1.2	6
99	Enhanced HMF yield from glucose with H-ZSM-5 catalyst in water-tetrahydrofuran/2-butanol/2-methyltetrahydrofuran biphasic systems. Journal of Central South University, 2019, 26, 2974-2986.	1.2	6
100	An Effective and Stable HfP/SiO2 Catalyst for the Production of Furfural from Xylan. Catalysis Letters, 2020, 150, 1121-1127.	1.4	6
101	Narrow bandgap difluorobenzochalcogenadiazole-based polymers for high-performance organic thin-film transistors and polymer solar cells. New Journal of Chemistry, 2020, 44, 8032-8043.	1.4	6
102	Pervaporation separation of levulinic acid aqueous solution by <scp>ZSM</scp>â€5/<scp>PDMS</scp> composite membrane. Journal of Applied Polymer Science, 2021, 138, .	1.3	6
103	Performance of Bulk and Silica Supported Vanadiumâ€“Chromium Catalysts in the Ammoxidation of 3-Picoline. Catalysis Letters, 2013, 143, 1200-1206.	1.4	5
104	Liquid extraction of polyhydric alcohols from water using [A336][SCN] as a solvent. Journal of Chemical Thermodynamics, 2015, 89, 35-40.	1.0	5
105	In situ synthesis and characterization of Caâ€“Mgâ€“Al hydrotalcite on ceramic membrane for biodiesel production. Chinese Journal of Chemical Engineering, 2015, 23, 1035-1040.	1.7	5
106	A new protocol for the synthesis of 4,7,12,15-tetrachloro[2.2]paracyclophane. Beilstein Journal of Organic Chemistry, 2016, 12, 2443-2449.	1.3	5
107	Nitrogenous compounds produced by catalytic pyrolysis of cyanobacteria over metal loaded MCM-41 with vaporized methanol. New Journal of Chemistry, 2019, 43, 6569-6576.	1.4	5
108	Synthesis of 2-amino-4,6-dimethoxypyrimidine with dimethyl carbonate as methylating agent. Research on Chemical Intermediates, 2014, 40, 1789-1797.	1.3	4

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109	Experimental and computational studies of Zn (II) complexes structured with Schiff base ligands as the efficient catalysts for chemical fixation of CO2 into cyclic carbonates. Molecular Catalysis, 2021, 515, 111894.	1.0	4
110	Blooming-forming cyanobacteria pyrolysis over Ni-Al layered double oxides/MCM-41 for nitriles under nitrogen and methanol atmosphere. Biomass Conversion and Biorefinery, 2020, 10, 1063-1070.	2.9	4
111	Efficient conversion of glycerol to aromatics over stable nanosized x-ZF/ZM-y catalysts using ZIF-8 as a template. Applied Catalysis A: General, 2022, 643, 118761.	2.2	4
112	In-situ synthesis of MCM-41 on ceramic membranes and its application in transesterification as catalyst support for p-toluenesulfonic acid. Journal of Porous Materials, 2014, 21, 667-675.	1.3	3
113	Preparation, characterization and use of K2O, Al2O3 and SiO2 modified iron oxide as catalyst for the vapor phase synthesis of 2,3,6-trimethylphenol from m-cresol and methanol. Reaction Kinetics, Mechanisms and Catalysis, 2014, 112, 199-208.	0.8	3
114	Effects of Additives and Metals on Crystallization of Nano-Sized HZSM-5 Zeolite for Glycerol Aromatization. Catalysts, 2019, 9, 899.	1.6	3
115	Efficient Conversion of Carbohydrates to 5-Hydroxymethylfurfural Over Poly(4-Styrenesulfonic Acid) Catalyst. Catalysis Letters, 0, , 1.	1.4	3
116	Production of Biofuel Additives from Glycerol Etherification Using Zirconia Supported Phosphotungstic Acid. Catalysis Letters, 2022, 152, 2293-2301.	1.4	3
117	Chitosanâ€Modified Polyvinyl Alcohol Membrane High Performance in Biodiesel/Methanol Pervaporation Separation. ChemistrySelect, 2021, 6, 9052-9059.	0.7	3
118	The Synergistic Effect of Hydroxylated Carbon Nanotubes and Ultrasound Treatment on Hierarchical HZSM-5 in the Selective Catalytic Upgrading of Biomass Derived Glycerol to Aromatics. Catalysis Letters, 2022, 152, 2421-2433.	1.4	3
119	A novel synthetic method for preparation of some folates. Research on Chemical Intermediates, 2013, 39, 2211-2218.	1.3	2
120	Microwave-assisted synthesis of 1,4-bis(difluoromethyl)benzene. Chemical Papers, 2017, 71, 1249-1254.	1.0	2
121	Catalytic pyrolysis of distilled lemon grass over Ni-Al based oxides supported on MCM-41. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-12.	1.2	2
122	Fluorinated biselenophene-naphthalenediimide copolymers for efficient all-polymer solar cells. Dyes and Pigments, 2020, 183, 108721.	2.0	2
123	Insights into mathematical characteristics of developed adsorption model using a sigmoid model. Journal of Molecular Liquids, 2020, 317, 113902.	2.3	2
124	Synthesis of Brominated Alkanes via Heterogeneous Catalytic Distillation over Al2O3/SO42â˜'/ZrO2. Catalysts, 2021, 11, 1464.	1.6	2
125	A simple method for the separation of (6R)- and (6S)-5,6,7,8-tetrahydrofolic acid by reversed-phase HPLC with hydroxypropyl-Î²-cyclodextrin as the mobile phase additive. Research on Chemical Intermediates, 2012, 38, 2237-2243.	1.3	1
126	Synthesis and characterization of poly(hydroxylic fluoroacrylate)/mSiO₂ nanocomposite by in situ solution polymerization. Journal of Applied Polymer Science, 2013, 127, 3204-3212.	1.3	1

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127	Hydrogenolysis of glycerol to propanediols over heteropolyacids promoted AgCu/Al2O3 catalysts. Chemical Papers, 2017, 71, 1645-1655.	1.0	0
128	Synthesis of aluminum alkylphosphinates under atmospheric pressure. Journal of Chemical Research, 2022, 46, 174751982110732.	0.6	0