

Tingting Yang

List of Publications by Year in descending order

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451
papers

15,464
citations

14614

66
h-index

39575

94
g-index

486
all docs

486
docs citations

486
times ranked

12580
citing authors

#	ARTICLE	IF	CITATIONS
1	Ammonia borane-enabled hydrogen transfer processes: Insights into catalytic strategies and mechanisms. <i>Green Energy and Environment</i> , 2023, 8, 948-971.	4.7	19
2	Sustainable Catalyst-free N-formylation using CO ₂ as a Carbon Source. <i>Current Organic Synthesis</i> , 2022, 19, 187-196.	0.7	2
3	Electrovalent bifunctional acid enables heterogeneously catalytic production of biodiesel by (trans)esterification of non-edible oils. <i>Fuel</i> , 2022, 310, 122273.	3.4	31
4	Direct production of biodiesel from crude <i>Euphorbia lathyris</i> L. Oil catalyzed by multifunctional mesoporous composite materials. <i>Fuel</i> , 2022, 309, 122172.	3.4	27
5	Covalent sortase A inhibitor ML346 prevents <i>Staphylococcus aureus</i> infection of <i>Galleria mellonella</i> . <i>RSC Medicinal Chemistry</i> , 2022, 13, 138-149.	1.7	7
6	One-step catalytic upgrading of bio-based furfural to Î ³ -valerolactone actuated by coordination organophosphateâ€”Hf polymers. <i>Sustainable Energy and Fuels</i> , 2022, 6, 484-501.	2.5	11
7	Advances in Dielsâ€”Alder/aromatization of biomass furan derivatives towards renewable aromatic hydrocarbons. <i>Catalysis Science and Technology</i> , 2022, 12, 1902-1921.	2.1	28
8	Carboxylateâ€”Functionalized Zeolitic Imidazolate Framework Enables Catalytic Nâ€”Formylation Using Ambient CO ₂ . <i>Advanced Sustainable Systems</i> , 2022, 6, .	2.7	9
9	Increasing Structural Diversity of Prenylated Chalcones by Two Fungal Prenyltransferases. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 1610-1617.	2.4	9
10	Electroâ€”and Photocatalytic Oxidative Upgrading of Bioâ€”based 5â€”Hydroxymethylfurfural. <i>ChemSusChem</i> , 2022, 15, .	3.6	67
11	Thermal catalytic conversion of bioderived oils to biodiesel with sulfonic acidâ€”functionalized solid materials. , 2022, , 163-209.		0
12	Catalytic upgrading of CO ₂ to N-formamides. , 2022, , 613-639.		0
13	Pretreatment methods for converting straws into fermentable sugars. , 2022, , 117-162.		0
14	Hyperuricemia is Related to the Risk of Cardiovascular Diseases in Ethnic Chinese Elderly Women. <i>Global Heart</i> , 2022, 17, 12.	0.9	6
15	Design, Synthesis, and Biological Profiles of Novel 1,3,4-Oxadiazole-2-carbohydrazides with Molecular Diversity. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 2825-2838.	2.4	11
16	Highly Efficient and Ultrafast Terahertz Modulation in Perovskite Hybrid Structure. <i>ACS Applied Electronic Materials</i> , 2022, 4, 1832-1840.	2.0	2
17	The dose-response relationship of serum uric acid with Dyslipidaemia and its components: a cross-sectional study of a Chinese multi-ethnic cohort. <i>Lipids in Health and Disease</i> , 2022, 21, 36.	1.2	1
18	Exploring an Innovative Strategy for Suppressing Bacterial Plant Disease: Excavated Novel Isopropanolamine-Tailored Pterostilbene Derivatives as Potential Antibiofilm Agents. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 4899-4911.	2.4	22

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19	Dietary patterns and gallstone risks in Chinese adults: a cross-sectional analysis of China Multi-Ethnic Cohort Study. <i>Journal of Epidemiology</i> , 2022, , .	1.1	0
20	Discovery of novel rosta€4â€ene derivatives as potential plant activators for preventing phytopathogenic bacterial infection: Design, synthesis and biological studies. <i>Pest Management Science</i> , 2022, 78, 3404-3415.	1.7	14
21	Increased allostatic load associated with ambient air pollution acting as a stressor: Cross-sectional evidence from the China multi-ethnic cohort study. <i>Science of the Total Environment</i> , 2022, 831, 155658.	3.9	2
22	Fabrication of Isopropanolamine-Decorated Coumarin Derivatives as Novel Quorum Sensing Inhibitors to Suppress Plant Bacterial Disease. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 6037-6049.	2.4	17
23	Glycosylation of luteolin in hydrophilic organic solvents and structureâ€“antioxidant relationships of luteolin glycosides. <i>RSC Advances</i> , 2022, 12, 18232-18237.	1.7	5
24	1,3,4-Oxadiazole Derivatives as Plant Activators for Controlling Plant Viral Diseases: Preparation and Assessment of the Effect of Auxiliaries. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 7929-7940.	2.4	19
25	A robust starchâ€“polyacrylamide hydrogel with scavenging energy harvesting capacity for efficient solar thermoelectricityâ€“freshwater cogeneration. <i>Energy and Environmental Science</i> , 2022, 15, 3388-3399.	15.6	63
26	Graphene-based terahertz bias-driven negative-conductivity metasurface. <i>Nanoscale Advances</i> , 2022, 4, 3342-3352.	2.2	2
27	Protophilic solvent-impelled quasi-catalytic CO2 valorization to formic acid and N-formamides. <i>Fuel</i> , 2022, 326, 125074.	3.4	4
28	Sustainable and rapid production of biofuel Î³-valerolactone from biomass-derived levulinat enabled by a fluoride-ionic liquid. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2021, 43, 905-915.	1.2	3
29	Arabidopsis MHP1, a homologue of yeast Mpo1, is involved in ABA signaling. <i>Plant Science</i> , 2021, 304, 110732.	1.7	8
30	Sulfonic acid-functionalized heterogeneous catalytic materials for efficient biodiesel production: A review. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 104719.	3.3	42
31	Design, synthesis and anti-TMV activity of novel Î±-aminophosphonate derivatives containing a chalcone moiety that induce resistance against plant disease and target the TMV coat protein. <i>Pesticide Biochemistry and Physiology</i> , 2021, 172, 104749.	1.6	24
32	Construction of isoxazolone-fused phenanthridines via Rh-catalyzed cascade Câ€“H activation/cyclization of 3-arylisoxazolones with cyclic 2-diazo-1,3-diketones. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 552-556.	1.5	9
33	Catalytic cascade acetylation-alkylation of biofuran to C17 diesel precursor enabled by a budget acid-switchable catalyst. <i>Chinese Journal of Chemical Engineering</i> , 2021, 34, 171-179.	1.7	3
34	Room-temperature quasi-catalytic hydrogen generation from waste and water. <i>Green Chemistry</i> , 2021, 23, 7528-7533.	4.6	4
35	A substituent- and temperature-controllable NHC-derived zwitterionic catalyst enables CO₂ upgrading for high-efficiency construction of formamides and benzimidazoles. <i>Green Chemistry</i> , 2021, 23, 5759-5765.	4.6	18
36	Theoretical model for N-heterocyclic carbene-catalyzed decarboxylation reactions. <i>Organic Chemistry Frontiers</i> , 2021, 8, 3268-3273.	2.3	19

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37	Naturally occurring prenylated chalcones from plants: structural diversity, distribution, activities and biosynthesis. <i>Natural Product Reports</i> , 2021, 38, 2236-2260.	5.2	30
38	Functionalized Polymeric Materials for Catalytic Upgrading of Biobased Feedstocks. <i>Advances in Polymer Technology</i> , 2021, 2021, 1-2.	0.8	1
39	Insights into Ammonia Borane-Enabled Green Synthesis of <i>N</i> -Substituted Lactams from Biomass-Derived Keto Acids and Amines. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 4377-4382.	3.2	9
40	In vivo antiviral activity and disassembly mechanism of novel 1-phenyl-5-amine-4-pyrazole thioether derivatives against Tobacco mosaic virus. <i>Pesticide Biochemistry and Physiology</i> , 2021, 173, 104771.	1.6	22
41	Rational Optimization of 1,2,3-Triazole-Tailored Carbazoles As Prospective Antibacterial Alternatives with Significant In Vivo Control Efficiency and Unique Mode of Action. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 4615-4627.	2.4	36
42	Synthesis, Antimicrobial Activity, and Molecular Docking of Benzoic Hydrazide or Amide Derivatives Containing a 1,2,3-Triazole Group as Potential SDH Inhibitors. <i>Chinese Journal of Chemistry</i> , 2021, 39, 1319-1330.	2.6	12
43	Ultrafast carrier response of CH ₃ NH ₃ Pb ₃ /MoO ₃ /graphene heterostructure for terahertz waves. <i>Journal Physics D: Applied Physics</i> , 2021, 54, 325102.	1.3	4
44	Advances in Pretreatment of Straw Biomass for Sugar Production. <i>Frontiers in Chemistry</i> , 2021, 9, 696030.	1.8	55
45	Dysregulation of ClpP by Small-Molecule Activators Used Against <i>Xanthomonas oryzae pv. oryzae</i> Infections. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 7545-7553.	2.4	24
46	Fabrication of Versatile Pyrazole Hydrazide Derivatives Bearing a 1,3,4-Oxadiazole Core as Multipurpose Agricultural Chemicals against Plant Fungal, Oomycete, and Bacterial Diseases. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 8380-8393.	2.4	35
47	SS18 regulates pluripotent-somatic transition through phase separation. <i>Nature Communications</i> , 2021, 12, 4090.	5.8	14
48	Catalytic Upgrading of Bio-Based 5-Hydroxymethylfurfural to 2,5-Dimethylfuran with Non-Noble Metals. <i>Energy Technology</i> , 2021, 9, 2100653.	1.8	10
49	Single-Atom Catalysts Enabled Reductive Upgrading of CO ₂ . <i>ChemCatChem</i> , 2021, 13, 4859-4877.	1.8	10
50	Mesoporous tin phosphate as an effective catalyst for fast cyclodehydration of bio-based citral into p-cymene. <i>Molecular Catalysis</i> , 2021, 515, 111887.	1.0	4
51	Design, synthesis, and biological evaluation of cyano-substituted 2,4-diarylamino pyrimidines as potent JAK3 inhibitors for the treatment of B-cell lymphoma. <i>Bioorganic Chemistry</i> , 2021, 116, 105330.	2.0	7
52	Synthesis, Biological Evaluation, and 3D-QSAR Studies of <i>N</i> -(Substituted) Tetrahydroquinoline-10-Toluidine (pyridine-2-Potential Succinate Dehydrogenase Inhibitors. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 1214-1223.	2.4	30
53	Heterogeneous ZnO-containing catalysts for efficient biodiesel production. <i>RSC Advances</i> , 2021, 11, 20465-20478.	1.7	33
54	Hierarchical Porous MIL-101(Cr) Solid Acid-Catalyzed Production of Value-Added Acetals from Biomass-Derived Furfural. <i>Polymers</i> , 2021, 13, 3498.	2.0	6

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55	Catalytic high-yield biodiesel production from fatty acids and non-food oils over a magnetically separable acid nanosphere. <i>Industrial Crops and Products</i> , 2021, 173, 114126.	2.5	33
56	The discovery of natural 4'-demethylepipodophyllotoxin from renewable <i>Dyosma versipellis</i> species as a novel bacterial cell division inhibitor for controlling intractable diseases in rice. <i>Industrial Crops and Products</i> , 2021, 174, 114182.	2.5	23
57	One-step upgrading of bio-based furfural to γ -valerolactone via HfCl_4 -mediated bifunctional catalysis. <i>RSC Advances</i> , 2021, 11, 35415-35424.	1.7	9
58	Synthesis and Biological Evaluation of 1,2,4-Triazole Thioethers as Both Potential Virulence Factor Inhibitors against Plant Bacterial Diseases and Agricultural Antiviral Agents against Tobacco Mosaic Virus Infections. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 15108-15122.	2.4	21
59	Simulation and future projection of the mixed layer depth and subduction process in the subtropical Southeast Pacific. <i>Acta Oceanologica Sinica</i> , 2021, 40, 104-113.	0.4	1
60	Dual acidic mesoporous KIT silicates enable one-pot production of γ -valerolactone from biomass derivatives via cascade reactions. <i>Renewable Energy</i> , 2020, 146, 359-370.	4.3	48
61	Design, synthesis, and antitumor activity research of novel paeonol Schiff base derivatives containing a 1,2,3-triazole moiety. <i>Journal of the Chinese Chemical Society</i> , 2020, 67, 165-171.	0.8	6
62	F-containing ionic liquid-catalyzed benign and rapid hydrogenation of bio-based furfural and relevant aldehydes using siloxane as hydrogen source. <i>Biomass Conversion and Biorefinery</i> , 2020, 10, 795-802.	2.9	5
63	Heterogeneous Fenton-like degradation of tetracyclines using porous magnetic chitosan microspheres as an efficient catalyst compared with two preparation methods. <i>Chemical Engineering Journal</i> , 2020, 379, 122324.	6.6	192
64	Antibiotic activities of propanolamine containing 1,4-benzoxazin-3-ones against phytopathogenic bacteria. <i>RSC Advances</i> , 2020, 10, 682-688.	1.7	8
65	Heterogeneous (de)chlorination-enabled control of reactivity in the liquid-phase synthesis of furanic biofuel from cellulosic feedstock. <i>Green Chemistry</i> , 2020, 22, 637-645.	4.6	32
66	Antibacterial activities against <i>Ralstonia solanacearum</i> and <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> of 6-chloro-4-(4-substituted piperazinyl)quinazoline derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 126912.	1.0	10
67	Hot water-promoted catalyst-free reductive cycloamination of (bio-)keto acids with HCOONH_4 toward cyclic amides. <i>Journal of Supercritical Fluids</i> , 2020, 157, 104698.	1.6	12
68	Integration of naturally bioactive thiazolium and 1,3,4-oxadiazole fragments in a single molecular architecture as prospective antimicrobial surrogates. <i>Journal of Saudi Chemical Society</i> , 2020, 24, 127-138.	2.4	7
69	Carbene-Catalyzed Formal [3+3] Cycloaddition Reaction for Access to Substituted 2-Phenylbenzothiazoles. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 492-495.	1.2	8
70	3-Bromopyridine-Heterogenized Phosphotungstic Acid for Efficient Trimerization of Biomass-Derived 5-Hydroxymethylfurfural with 2-Methylfuran to C_{21} Fuel Precursor. <i>Advances in Polymer Technology</i> , 2020, 2020, 1-12.	0.8	1
71	An MXene-based aerogel with cobalt nanoparticles as an efficient sulfur host for room-temperature Na-S batteries. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 4396-4403.	3.0	33
72	Low-cost acetate-catalyzed efficient synthesis of benzimidazoles using ambient CO_2 as a carbon source under mild conditions. <i>Sustainable Chemistry and Pharmacy</i> , 2020, 17, 100276.	1.6	10

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73	Heteropoly Acid-Based Catalysts for Hydrolytic Depolymerization of Cellulosic Biomass. <i>Frontiers in Chemistry</i> , 2020, 8, 580146.	1.8	23
74	Switching of C–C and C–N Coupling/Cleavage for Hypersensitive Detection of Cu ²⁺ by a Catalytically Mediated 2-Aminoimidazolyl-Tailored Six-Membered Rhodamine Probe. <i>Organic Letters</i> , 2020, 22, 8234-8239.	2.4	21
75	Metal chalcogenide hollow polar bipyramid prisms as efficient sulfur hosts for Na-S batteries. <i>Nature Communications</i> , 2020, 11, 5242.	5.8	102
76	The chemistry of phosphirane-substituted phosphinidene complexes. <i>Chemical Communications</i> , 2020, 56, 9707-9710.	2.2	9
77	Zeolite-related catalysts for biomass-derived sugar valorization. , 2020, , 141-159.		2
78	Discovery of Natural FabH Inhibitors Using an Immobilized Enzyme Column and Their Antibacterial Activity against <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 14204-14211.	2.4	17
79	Endogenous X–C=O species enable catalyst-free formylation prerequisite for CO ₂ reductive upgrading. <i>Green Chemistry</i> , 2020, 22, 5822-5832.	4.6	21
80	Sustainable access to renewable N-containing chemicals from reductive amination of biomass-derived platform compounds. <i>Green Chemistry</i> , 2020, 22, 6714-6747.	4.6	100
81	Recent advances in liquid hydrosilane-mediated catalytic N-formylation of amines with CO ₂ . <i>RSC Advances</i> , 2020, 10, 33972-34005.	1.7	20
82	Ammonia borane enabled upgrading of biomass derivatives at room temperature. <i>Green Chemistry</i> , 2020, 22, 5972-5977.	4.6	14
83	Advances in Heterogeneously Catalytic Degradation of Biomass Saccharides with Ordered-Nanoporous Materials. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 16970-16986.	1.8	5
84	Antibacterial Functions and Proposed Modes of Action of Novel 1,2,3,4-Tetrahydro- β -carboline Derivatives that Possess an Attractive 1,3-Diaminopropan-2-ol Pattern against Rice Bacterial Blight, Kiwifruit Bacterial Canker, and Citrus Bacterial Canker. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 12558-12568.	2.4	36
85	Assembling Anthracene-Tailored Amphiphiles: Charge-Transfer Interactions Directed Hierarchical Nanofibers with Ameliorative Antibacterial Activity toward Plant Pathogens. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 5579-5585.	2.4	6
86	Efficient Production of Biodiesel from Esterification of Lauric Acid Catalyzed by Ammonium and Silver Co-Doped Phosphotungstic Acid Embedded in a Zirconium Metal–Organic Framework Nanocomposite. <i>ACS Omega</i> , 2020, 5, 12760-12767.	1.6	31
87	GSM2, a transaldolase, contributes to reactive oxygen species homeostasis in Arabidopsis. <i>Plant Molecular Biology</i> , 2020, 104, 39-53.	2.0	12
88	Novel piperazine-tailored ursolic acid hybrids as significant antibacterial agents targeting phytopathogens <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> and <i>X. axonopodis</i> pv. <i>citri</i> probably directed by activation of apoptosis. <i>Pest Management Science</i> , 2020, 76, 2746-2754.	1.7	19
89	Morphine and Naloxone Facilitate Neural Stem Cells Proliferation via a TET1-Dependent and Receptor-Independent Pathway. <i>Cell Reports</i> , 2020, 30, 3625-3631.e6.	2.9	10
90	Design, synthesis, and antimicrobial behavior of novel oxadiazoles containing various N-containing heterocyclic pendants. <i>Pest Management Science</i> , 2020, 76, 2681-2692.	1.7	24

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91	Naloxone regulates the differentiation of neural stem cells via a receptor-independent pathway. <i>FASEB Journal</i> , 2020, 34, 5917-5930.	0.2	10
92	Lactic acid/lactates production from biomass over chemocatalytic strategies. , 2020, , 227-257.		3
93	ZrOCl ₂ as a bifunctional and <i>in situ</i> precursor material for catalytic hydrogen transfer of bio-based carboxides. <i>Sustainable Energy and Fuels</i> , 2020, 4, 3102-3114.	2.5	19
94	Tideglusib and Its Analogues As Inhibitors of <i>Staphylococcus aureus</i> SrtA. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 8442-8457.	2.9	19
95	Synthesis and Docking Study of <i>N</i> -(Cinnamoyl)- <i>N</i> -(substituted)acryloyl Hydrazide Derivatives Containing Pyridinium Moieties as a Novel Class of Filamentous Temperature-Sensitive Protein Z Inhibitors against the Intractable <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> Infections in Rice. <i>Journal of Agricultural and Food Chemistry</i> . 2020. 68. 8132-8142.	2.4	30
96	<p>Association Between Bullying and Suicidal Behavior Among Chinese Adolescents: An Analysis of Gender Differences</p>. <i>Psychology Research and Behavior Management</i> , 2020, Volume 13, 89-96.	1.3	14
97	Metabolic switch and epithelial-mesenchymal transition cooperate to regulate pluripotency. <i>EMBO Journal</i> , 2020, 39, e102961.	3.5	27
98	Highly Selective Reduction of Bio-Based Furfural to Furfuryl Alcohol Catalyzed by Supported KF with Polymethylhydrosiloxane (PMHS). <i>Journal of Chemistry</i> , 2020, 2020, 1-10.	0.9	4
99	Progress of Catalytic Valorization of Bio-Glycerol with Urea into Glycerol Carbonate as a Monomer for Polymeric Materials. <i>Advances in Polymer Technology</i> , 2020, 2020, 1-17.	0.8	13
100	Target Discovery in <i>Ralstonia solanacearum</i> through an Activity-Based Protein Profiling Technique Based on Bioactive Oxadiazole Sulfones. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 2340-2346.	2.4	11
101	Furfural as a renewable chemical platform for furfuryl alcohol production. , 2020, , 299-322.		8
102	Highly Selective and Sensitive Detection of Biogenic Defense Phytohormone Salicylic Acid in Living Cells and Plants Using a Novel and Viable Rhodamine-Functionalized Fluorescent Probe. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 4285-4291.	2.4	14
103	Capsaicin derivatives with nitrothiophene substituents: Design, synthesis and antibacterial activity against multidrug-resistant <i>S. Aureus</i> . <i>European Journal of Medicinal Chemistry</i> , 2020, 198, 112352.	2.6	11
104	Synthesis of novel 18β -glycyrrhetic piperazine amides displaying significant <i>in vitro</i> and <i>in vivo</i> antibacterial activities against intractable plant bacterial diseases. <i>Pest Management Science</i> , 2020, 76, 2959-2971.	1.7	29
105	Nanospheric heterogeneous acid-enabled direct upgrading of biomass feedstocks to novel benzimidazoles with potent antibacterial activities. <i>Industrial Crops and Products</i> , 2020, 150, 112406.	2.5	11
106	Curcumin-Cu(II) Ensemble-Based Fluorescence Turn-On Mode Sensing the Plant Defensive Hormone Salicylic Acid <i>In Situ</i> and <i>In Vivo</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 4844-4850.	2.4	12
107	Access to Optically Enriched \pm -Aryloxycarboxylic Esters via Carbene-Catalyzed Dynamic Kinetic Resolution and Transesterification. <i>Organic Letters</i> , 2020, 22, 3335-3338.	2.4	18
108	Functionalized magnetic nanosized materials for efficient biodiesel synthesis <i>via</i> acid-base/enzyme catalysis. <i>Green Chemistry</i> , 2020, 22, 2977-3012.	4.6	70

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109	Functional Nanomaterials-Catalyzed Production of Biodiesel. <i>Current Nanoscience</i> , 2020, 16, 376-391.	0.7	12
110	CO ₂ -Enabled Biomass Fractionation/Depolymerization: A Highly Versatile Pre-Step for Downstream Processing. <i>ChemSusChem</i> , 2020, 13, 3565-3582.	3.6	20
111	Synergetic combination of a mesoporous polymeric acid and a base enables highly efficient heterogeneous catalytic one-pot conversion of crude <i>Jatropha</i> oil into biodiesel. <i>Green Chemistry</i> , 2020, 22, 1698-1709.	4.6	25
112	Catalytic Dimerization of Bio-Based 5-methylfurfuryl Alcohol to Bis(5-methylfuran-2-yl) Methane with a Solid Acidic Nanohybrid. <i>Current Nanoscience</i> , 2020, 16, 235-245.	0.7	3
113	Green Processes Toward Bioproducts. <i>Current Green Chemistry</i> , 2020, 7, 258-258.	0.7	1
114	Catalytic Transfer Hydrogenation of Biomass-derived Levulinates to γ -valerolactone Using Alcohols as H-donors. <i>Current Green Chemistry</i> , 2020, 7, 304-313.	0.7	4
115	Positive feedback between retinoic acid and 2-phospho-L-ascorbic acid trisodium salt during somatic cell reprogramming. <i>Cell Regeneration</i> , 2020, 9, 17.	1.1	0
116	Carbene-Catalyzed Direct Functionalization of the α -Carbon Atoms of α -Chloroaldehydes. <i>Chemistry - A European Journal</i> , 2019, 25, 12719-12723.	1.7	9
117	Efficient Transfer Hydrogenation of Nitro Compounds to Amines Enabled by Mesoporous N-Stabilized Co-Zn/C. <i>Frontiers in Chemistry</i> , 2019, 7, 590.	1.8	18
118	Heterogeneous Catalytic Upgrading of Biofuranic Aldehydes to Alcohols. <i>Frontiers in Chemistry</i> , 2019, 7, 529.	1.8	32
119	<i>Arabidopsis</i> GSM1 is involved in ABI4-regulated ABA signaling under high-glucose condition in early seedling growth. <i>Plant Science</i> , 2019, 287, 110183.	1.7	13
120	Advances in production of bio-based ester fuels with heterogeneous bifunctional catalysts. <i>Renewable and Sustainable Energy Reviews</i> , 2019, 114, 109296.	8.2	107
121	Catalytic Transfer of Fructose to 5-Hydroxymethylfurfural over Bimetal Oxide Catalysts. <i>International Journal of Chemical Engineering</i> , 2019, 2019, 1-6.	1.4	11
122	A Facile Direct Route to <i>N</i> -(Un)substituted Lactams by Cycloamination of Oxocarboxylic Acids without External Hydrogen. <i>ChemSusChem</i> , 2019, 12, 3778-3784.	3.6	26
123	Heterogeneously Chemo/Enzyme-Functionalized Porous Polymeric Catalysts of High-Performance for Efficient Biodiesel Production. <i>ACS Catalysis</i> , 2019, 9, 10990-11029.	5.5	88
124	Design, Synthesis, Antibacterial Evaluation, and Induced Apoptotic Behaviors of Epimeric and Chiral 18 β -Glycyrrhetic Acid Ester Derivatives with an Isopropanolamine Bridge against Phytopathogens. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 13212-13220.	2.4	28
125	Synthesis of Thiazolium-Labeled 1,3,4-Oxadiazole Thioethers as Prospective Antimicrobials: In Vitro and In Vivo Bioactivity and Mechanism of Action. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 12696-12708.	2.4	46
126	Tetraethylammonium Fluoride-mediated A Green Hydrogen Transfer Process for Selective Reduction of Biomass-derived Aldehydes. <i>Current Green Chemistry</i> , 2019, 6, 127-134.	0.7	3

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127	Fabrication of Furan-Functionalized Quinazoline Hybrids: Their Antibacterial Evaluation, Quantitative Proteomics, and Induced Phytopathogen Morphological Variation Studies. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 11005-11017.	2.4	29
128	Eco-friendly acetylcholine-carboxylate bio-ionic liquids for controllable <i>N</i> -methylation and <i>N</i> -formylation using ambient CO ₂ at low temperatures. <i>Green Chemistry</i> , 2019, 21, 567-577.	4.6	68
129	Low-temperature catalytic hydrogenation of bio-based furfural and relevant aldehydes using cesium carbonate and hydrosiloxane. <i>RSC Advances</i> , 2019, 9, 3063-3071.	1.7	15
130	Quasi-Catalytic Approach to <i>N</i> -Unprotected Lactams via Transfer Hydro-amination/Cyclization of Biobased Keto Acids. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 10207-10213.	3.2	18
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132	Synthesis and <i>In Vitro</i> and <i>In Vivo</i> Biological Activity Evaluation and Quantitative Proteome Profiling of Oxadiazoles Bearing Flexible Heterocyclic Patterns. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 7626-7639.	2.4	54
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144	The inhibitory mechanism of aurintricarboxylic acid targeting serine/threonine phosphatase Stp1 in <i>Staphylococcus aureus</i> : insights from molecular dynamics simulations. <i>Acta Pharmacologica Sinica</i> , 2019, 40, 850-858.	2.8	8

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155	Acidic ionic liquid-functionalized mesoporous melamine-formaldehyde polymer as heterogeneous catalyst for biodiesel production. <i>Fuel</i> , 2019, 239, 886-895.	3.4	68
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#	ARTICLE	IF	CITATIONS
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164	Magnetic nickel ferrite nanoparticles as highly durable catalysts for catalytic transfer hydrogenation of bio-based aldehydes. <i>Catalysis Science and Technology</i> , 2018, 8, 790-797.	2.1	74
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176	Catalytic Transfer Hydrogenation of Bio-Based Furfural with NiO Nanoparticles. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 17220-17229.	3.2	88
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202	Polyhalides as Efficient and Mild Oxidants for Oxidative Carbene Organocatalysis by Radical Processes. <i>Angewandte Chemie</i> , 2017, 129, 2988-2992.	1.6	28
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205	Simple Assembly of Acidic Nanospheres for Efficient Production of 5-Ethoxymethylfurfural from 5-Hydroxymethylfurfural and Fructose. <i>Energy Technology</i> , 2017, 5, 2046-2054.	1.8	26
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