

Tingting Yang

List of Publications by Year in descending order

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451
papers

15,464
citations

14614

66
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all docs

486
docs citations

486
times ranked

12580
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbon-Increasing Catalytic Strategies for Upgrading Biomass into Energy-Intensive Fuels and Chemicals. <i>ACS Catalysis</i> , 2018, 8, 148-187.	5.5	267
2	Inhibition of Tobacco Bacterial Wilt with Sulfone Derivatives Containing an 1,3,4-Oxadiazole Moiety. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 1036-1041.	2.4	240
3	Efficient valorization of biomass to biofuels with bifunctional solid catalytic materials. <i>Progress in Energy and Combustion Science</i> , 2016, 55, 98-194.	15.8	234
4	Immobilized functional ionic liquids: efficient, green, and reusable catalysts. <i>RSC Advances</i> , 2012, 2, 12525.	1.7	199
5	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
6	Synthesis and antifungal activities of 5-(3,4,5-trimethoxyphenyl)-2-sulfonyl-1,3,4-thiadiazole and 5-(3,4,5-trimethoxyphenyl)-2-sulfonyl-1,3,4-oxadiazole derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 3981-3989.	1.4	180
7	Synthesis and Antiviral Activities of Pyrazole Derivatives Containing an Oxime Moiety. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 10160-10167.	2.4	177
8	Chemical composition and in vitro evaluation of the cytotoxic and antioxidant activities of supercritical carbon dioxide extracts of pitaya (dragon fruit) peel. <i>Chemistry Central Journal</i> , 2014, 8, 1.	2.6	177
9	Production and selected fuel properties of biodiesel from promising non-edible oils: <i>Euphorbia lathyris</i> L., <i>Sapium sebiferum</i> L. and <i>Jatropha curcas</i> L.. <i>Bioresource Technology</i> , 2011, 102, 1194-1199.	4.8	172
10	Functionalization of Benzylic C(sp ³)H Bonds of Heteroaryl Aldehydes through N-Heterocyclic Carbene Organocatalysis. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 11134-11137.	7.2	169
11	Acid-Base Bifunctional Zirconium N-Alkyltriphosphate Nanohybrid for Hydrogen Transfer of Biomass-Derived Carboxides. <i>ACS Catalysis</i> , 2016, 6, 7722-7727.	5.5	158
12	Glucose Isomerization by Enzymes and Chemo-catalysts: Status and Current Advances. <i>ACS Catalysis</i> , 2017, 7, 3010-3029.	5.5	154
13	Synthesis and antifungal activity of novel sulfoxide derivatives containing trimethoxyphenyl substituted 1,3,4-thiadiazole and 1,3,4-oxadiazole moiety. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 3632-3640.	1.4	153
14	N-Heterocyclic Carbene-Catalyzed Radical Reactions for Highly Enantioselective β^2 -Hydroxylation of Enals. <i>Journal of the American Chemical Society</i> , 2015, 137, 2416-2419.	6.6	153
15	Direct transformation of carbohydrates to the biofuel 5-ethoxymethylfurfural by solid acid catalysts. <i>Green Chemistry</i> , 2016, 18, 726-734.	4.6	151
16	Zeolite and zeotype-catalysed transformations of biofuranic compounds. <i>Green Chemistry</i> , 2016, 18, 5701-5735.	4.6	142
17	Synthesis and Antiviral Activities of Chiral Thiourea Derivatives Containing an β^2 -Aminophosphonate Moiety. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 1383-1388.	2.4	137
18	Synthesis and Antiviral Activities of Amide Derivatives Containing the β^2 -Aminophosphonate Moiety. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 998-1001.	2.4	125

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19	Direct conversion of biomass components to the biofuel methyl levulinate catalyzed by acid-base bifunctional zirconia-zeolites. <i>Applied Catalysis B: Environmental</i> , 2017, 200, 182-191.	10.8	124
20	Synthesis and antiviral activity of novel pyrazole derivatives containing oxime esters group. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 9699-9707.	1.4	120
21	Synthesis, X-ray crystallographic analysis, and antitumor activity of N-(benzothiazole-2-yl)-1-(fluorophenyl)-O,O-dialkyl-1±-aminophosphonates. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 1537-1543.	1.0	118
22	Biomass-derived mesoporous Hf-containing hybrid for efficient Meerwein-Ponndorf-Verley reduction at low temperatures. <i>Applied Catalysis B: Environmental</i> , 2018, 227, 79-89.	10.8	118
23	Access to P-Stereogenic Phosphinates via N-Heterocyclic Carbene-Catalyzed Desymmetrization of Bisphenols. <i>Journal of the American Chemical Society</i> , 2016, 138, 7524-7527.	6.6	114
24	Metal and carbene organocatalytic relay activation of alkynes for stereoselective reactions. <i>Nature Communications</i> , 2014, 5, 3982.	5.8	110
25	A novel orally available small molecule that inhibits hepatitis B virus expression. <i>Journal of Hepatology</i> , 2018, 68, 412-420.	1.8	109
26	Enantioselective Sulfonation of Enones with Sulfonyl Imines by Cooperative Nâ€Heterocyclicâ€Carbene/Thiourea/Tertiaryâ€Amine Multicatalysis. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 12354-12358.	7.2	108
27	Synthesis, structure, and bioactivity of Nâ€ ² -substituted benzylidene-3,4,5-trimethoxybenzohydrazide and 3-acetyl-2-substituted phenyl-5-(3,4,5-trimethoxyphenyl)-2,3-dihydro-1,3,4-oxadiazole derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 5036-5040.	1.0	107
28	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
29	Synthesis and Antiviral Activity of Novel Chiral Cyanoacrylate Derivatives. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 7886-7891.	2.4	106
30	Synthesis and bioactivities of novel thioether/sulfone derivatives containing 1,2,3-thiadiazole and 1,3,4-oxadiazole/thiadiazole moiety. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 5821-5824.	1.0	103
31	Magnetically recyclable acidic polymeric ionic liquids decorated with hydrophobic regulators as highly efficient and stable catalysts for biodiesel production. <i>Applied Energy</i> , 2018, 223, 416-429.	5.1	103
32	Metal chalcogenide hollow polar bipyramid prisms as efficient sulfur hosts for Na-S batteries. <i>Nature Communications</i> , 2020, 11, 5242.	5.8	102
33	Design, synthesis and insecticidal activities of novel pyrazole amides containing hydrazone substructures. <i>Pest Management Science</i> , 2012, 68, 801-810.	1.7	101
34	Synthesis and Antiviral Activity of 5â€(4â€Chlorophenyl)-1,3,4-Thiadiazole Sulfonamides. <i>Molecules</i> , 2010, 15, 9046-9056.	1.7	100
35	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
36	Preparation of 2,3-dihydroquinazolin-4(1H)-one derivatives in aqueous media with Î²-cyclodextrin-SO ₃ H as a recyclable catalyst. <i>Green Chemistry</i> , 2014, 16, 3210-3217.	4.6	98

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37	Cascade catalytic transfer hydrogenation-cyclization of ethyl levulinate to γ -valerolactone with Al-Zr mixed oxides. <i>Applied Catalysis A: General</i> , 2016, 510, 11-19.	2.2	96
38	Benzene construction via organocatalytic formal [3+3] cycloaddition reaction. <i>Nature Communications</i> , 2014, 5, 5027.	5.8	95
39	Synthesis and antibacterial activity of pyridinium-tailored 2,5-substituted-1,3,4-oxadiazole thioether/sulfoxide/sulfone derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 1214-1217.	1.0	95
40	Polyhalides as Efficient and Mild Oxidants for Oxidative Carbene Organocatalysis by Radical Processes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 2942-2946.	7.2	91
41	Direct Conversion of Sugars and Ethyl Levulinate into γ -Valerolactone with Superparamagnetic Acid-Base Bifunctional ZrFeO Nanocatalysts. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 236-246.	3.2	90
42	Chemical Constituents of the Ethyl Acetate Extract of <i>Belamcanda chinensis</i> (L.) DC Roots and Their Antitumor Activities. <i>Molecules</i> , 2012, 17, 6156-6169.	1.7	88
43	Catalytic Transfer Hydrogenation of Bio-Based Furfural with NiO Nanoparticles. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 17220-17229.	3.2	88
44	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
45	Novel bithioether derivatives containing a 1,3,4-oxadiazole moiety: design, synthesis, antibacterial and nematocidal activities. <i>Pest Management Science</i> , 2018, 74, 844-852.	1.7	85
46	Catalytic Transfer Hydrogenation of Furfural to Furfuryl Alcohol with Recyclable Al-Zr@Fe Mixed Oxides. <i>ChemCatChem</i> , 2018, 10, 430-438.	1.8	85
47	Immobilizing Cr ³⁺ with SO ₃ H-functionalized solid polymeric ionic liquids as efficient and reusable catalysts for selective transformation of carbohydrates into 5-hydroxymethylfurfural. <i>Bioresource Technology</i> , 2013, 144, 21-27.	4.8	83
48	Porous Zirconium-Furandicarboxylate Microspheres for Efficient Redox Conversion of Biofurans. <i>ChemSusChem</i> , 2017, 10, 1761-1770.	3.6	81
49	Enantioselective Nucleophilic γ -Carbon-Atom Amination of Enals: Carbene-Catalyzed Formal [3+2] Reactions. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12280-12284.	7.2	80
50	MIL-100(Fe)-catalyzed efficient conversion of hexoses to lactic acid. <i>RSC Advances</i> , 2017, 7, 5621-5627.	1.7	79
51	Nano La ₂ O ₃ as a heterogeneous catalyst for biodiesel synthesis by transesterification of <i>Jatropha curcas</i> L. oil. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 31, 385-392.	2.9	78
52	Carbene-catalysed reductive coupling of nitrobenzyl bromides and activated ketones or imines via single-electron-transfer process. <i>Nature Communications</i> , 2016, 7, 12933.	5.8	78
53	γ -Functionalization of Carboxylic Anhydrides with γ -Alkyl Substituents through Carbene Organocatalysis. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13506-13509.	7.2	77
54	Orderly Layered Zr-Benzylphosphonate Nanohybrids for Efficient Acid-Base-Mediated Bifunctional/Cascade Catalysis. <i>ChemSusChem</i> , 2017, 10, 681-686.	3.6	77

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55	Efficient production of biodiesel with promising fuel properties from <i>Koelerutera integrifoliola</i> oil using a magnetically recyclable acidic ionic liquid. <i>Energy Conversion and Management</i> , 2017, 138, 45-53.	4.4	76
56	Carbene-Catalyzed Dynamic Kinetic Resolution of Carboxylic Esters. <i>Journal of the American Chemical Society</i> , 2016, 138, 7212-7215.	6.6	75
57	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
58	Synthesis and Antiviral Activities of Cyanoacrylate Derivatives Containing an $\hat{\pm}$ -Aminophosphonate Moiety. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 5242-5246.	2.4	71
59	Synthesis and bioactivity of novel sulfone derivatives containing 2,4-dichlorophenyl substituted 1,3,4-oxadiazole/thiadiazole moiety as chitinase inhibitors. <i>Pesticide Biochemistry and Physiology</i> , 2011, 101, 6-15.	1.6	71
60	Synthesis, Antibacterial Activities, and 3<sc>D</sc>-â€œ<sc>QSAR</sc> of Sulfone Derivatives Containing 1, 3, 4â€œOxadiazole Moiety. <i>Chemical Biology and Drug Design</i> , 2013, 82, 546-556.	1.5	71
61	Efficient and green production of biodiesel catalyzed by recyclable biomass-derived magnetic acids. <i>Fuel Processing Technology</i> , 2018, 181, 259-267.	3.7	71
62	Synthesis and Antiviral Bioactivities of $\hat{\pm}$ -Aminophosphonates Containing Alkoxyethyl Moieties. <i>Molecules</i> , 2006, 11, 666-676.	1.7	70
63	Direct catalytic transformation of carbohydrates into 5-ethoxymethylfurfural with acidâ€œbase bifunctional hybrid nanospheres. <i>Energy Conversion and Management</i> , 2014, 88, 1245-1251.	4.4	70
64	Effective production of biodiesel from non-edible oil using facile synthesis of imidazolium salts-based Brønsted-Lewis solid acid and co-solvent. <i>Energy Conversion and Management</i> , 2018, 166, 534-544.	4.4	70
65	Novel 1,3,4-Oxadiazole-2-carbohydrazides as Prospective Agricultural Antifungal Agents Potentially Targeting Succinate Dehydrogenase. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 13892-13903.	2.4	70
66	Functionalized magnetic nanosized materials for efficient biodiesel synthesis <i>via</i> acidâ€œbase/enzyme catalysis. <i>Green Chemistry</i> , 2020, 22, 2977-3012.	4.6	70
67	Synthesis and antifungal activity of novel s-substituted 6-fluoro-4-alkyl(aryl)thioquinazoline derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 3768-3774.	1.4	69
68	One-pot transformation of polysaccharides via multi-catalytic processes. <i>Catalysis Science and Technology</i> , 2014, 4, 4138-4168.	2.1	68
69	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
70	Acidic ionic liquid-functionalized mesoporous melamine-formaldehyde polymer as heterogeneous catalyst for biodiesel production. <i>Fuel</i> , 2019, 239, 886-895.	3.4	68
71	Biodiesel preparation, optimization, and fuel properties from non-edible feedstock, <i>Datura stramonium</i> L. <i>Fuel</i> , 2012, 91, 182-186.	3.4	67
72	Electroâ€œand Photocatalytic Oxidative Upgrading of Bioâ€œbased 5â€œHydroxymethylfurfural. <i>ChemSusChem</i> , 2022, 15, .	3.6	67

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73	Isolation and inhibitory activity against ERK Phosphorylation of hydroxyanthraquinones from rhubarb. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 563-568.	1.0	66
74	Antiproliferative activity and apoptosis-inducing mechanism of constituents from <i>Toona sinensis</i> on human cancer cells. <i>Cancer Cell International</i> , 2013, 13, 12.	1.8	66
75	Synthesis and cytotoxicity of novel ursolic acid derivatives containing an acyl piperazine moiety. <i>European Journal of Medicinal Chemistry</i> , 2012, 58, 128-135.	2.6	65
76	Chemical Constituents of <i>Caesalpinia decapetala</i> (Roth) Alston. <i>Molecules</i> , 2013, 18, 1325-1336.	1.7	64
77	Mesoporous polymeric solid acid as efficient catalyst for (trans)esterification of crude <i>Jatropha curcas</i> oil. <i>Fuel Processing Technology</i> , 2016, 150, 50-57.	3.7	63
78	A robust starch-polyacrylamide hydrogel with scavenging energy harvesting capacity for efficient solar thermoelectricity-freshwater cogeneration. <i>Energy and Environmental Science</i> , 2022, 15, 3388-3399.	15.6	63
79	InCl ₃ -ionic liquid catalytic system for efficient and selective conversion of cellulose into 5-hydroxymethylfurfural. <i>RSC Advances</i> , 2013, 3, 3648.	1.7	61
80	A Pd-Catalyzed in situ domino process for mild and quantitative production of 2,5-dimethylfuran directly from carbohydrates. <i>Green Chemistry</i> , 2017, 19, 2101-2106.	4.6	61
81	Rational Optimization and Action Mechanism of Novel Imidazole (or Imidazolium)-Labeled 1,3,4-Oxadiazole Thioethers as Promising Antibacterial Agents against Plant Bacterial Diseases. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 3535-3545.	2.4	59
82	Efficient catalytic conversion of carbohydrates into 5-ethoxymethylfurfural over MIL-101-based sulfated porous coordination polymers. <i>Journal of Energy Chemistry</i> , 2016, 25, 523-530.	7.1	58
83	Heteropoly acid-encapsulated metal-organic framework as a stable and highly efficient nanocatalyst for esterification reaction. <i>RSC Advances</i> , 2019, 9, 16357-16365.	1.7	58
84	Production of biodiesel from non-edible herbaceous vegetable oil: <i>Xanthium sibiricum</i> Patr. <i>Bioresource Technology</i> , 2013, 140, 435-438.	4.8	56
85	Synthesis and in vitro study of pseudo-peptide thioureas containing β -aminophosphonate moiety as potential antitumor agents. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 5108-5112.	2.6	55
86	A reaction mode of carbene-catalysed aryl aldehyde activation and induced phenol OH functionalization. <i>Nature Communications</i> , 2017, 8, 15598.	5.8	55
87	Construction of Fused Pyrrolidines and β -Lactones by Carbene-Catalyzed C-N, C-C, and C-O Bond Formations. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4201-4205.	7.2	55
88	Current advances of carbene-mediated photoaffinity labeling in medicinal chemistry. <i>RSC Advances</i> , 2018, 8, 29428-29454.	1.7	55
89	Advances in Pretreatment of Straw Biomass for Sugar Production. <i>Frontiers in Chemistry</i> , 2021, 9, 696030.	1.8	55
90	Production and fuel properties of biodiesel from <i>Firmiana platanifolia</i> L.f. as a potential non-food oil source. <i>Industrial Crops and Products</i> , 2015, 76, 768-771.	2.5	54

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91	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
92	Antiviral Activity and Mechanism of Action of Novel Thiourea Containing Chiral Phosphonate on Tobacco Mosaic Virus. <i>International Journal of Molecular Sciences</i> , 2011, 12, 4522-4535.	1.8	53
93	Synthesis and Antifungal Activity of Novel Chiral β -Aminophosphonates Containing Fluorine Moiety. <i>Chinese Journal of Chemistry</i> , 2006, 24, 1581-1588.	2.6	52
94	Catalytic conversion of glucose to 5-hydroxymethylfurfural over nano-sized mesoporous Al ₂ O ₃ –B ₂ O ₃ solid acids. <i>Catalysis Communications</i> , 2015, 62, 19-23.	1.6	52
95	Direct Catalytic Transformation of Biomass Derivatives into Biofuel Component β -Valerolactone with Magnetic Nickel–Zirconium Nanoparticles. <i>ChemPlusChem</i> , 2016, 81, 135-142.	1.3	52
96	Studies on the chemical constituents and anticancer activity of <i>Saxifraga stolonifera</i> (L) Meeb. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 1337-1344.	1.4	51
97	VAMP8 facilitates cellular proliferation and temozolomide resistance in human glioma cells. <i>Neuro-Oncology</i> , 2015, 17, 407-418.	0.6	51
98	Dufulin Activates HrBP1 to Produce Antiviral Responses in Tobacco. <i>PLoS ONE</i> , 2012, 7, e37944.	1.1	50
99	Copper nanocluster-based fluorescent probe for hypochlorite. <i>Mikrochimica Acta</i> , 2015, 182, 2337-2343.	2.5	50
100	Catalytic Alkylation of 2-Methylfuran with Formalin Using Supported Acidic Ionic Liquids. <i>ACS Sustainable Chemistry and Engineering</i> , 2015, 3, 3274-3280.	3.2	50
101	Paclitaxel and quercetin nanoparticles co-loaded in microspheres to prolong retention time for pulmonary drug delivery. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 8239-8255.	3.3	50
102	Antiproliferation and cell apoptosis inducing bioactivities of constituents from <i>Dyosma versipellis</i> in PC3 and Bcap-37 cell lines. <i>Cell Division</i> , 2011, 6, 14.	1.1	49
103	Identification of Racemic and Chiral Carbazole Derivatives Containing an Isopropanolamine Linker as Prospective Surrogates against Plant Pathogenic Bacteria: <i>In Vitro</i> and <i>In Vivo</i> Assays and Quantitative Proteomics. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 7512-7525.	2.4	49
104	Furan-type Compounds from Carbohydrates via Heterogeneous Catalysis. <i>Current Organic Chemistry</i> , 2014, 18, 547-597.	0.9	49
105	Solid Mixed-Metal-Oxide Catalysts for Biodiesel Production: A Review. <i>Energy Technology</i> , 2014, 2, 865-873.	1.8	48
106	Dual acidic mesoporous KIT silicates enable one-pot production of β -valerolactone from biomass derivatives via cascade reactions. <i>Renewable Energy</i> , 2020, 146, 359-370.	4.3	48
107	Rechargeable K-Se batteries based on metal-organic-frameworks-derived porous carbon matrix confined selenium as cathode materials. <i>Journal of Colloid and Interface Science</i> , 2019, 539, 326-331.	5.0	47
108	Synthesis and antiviral bioactivity of novel (1E), Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td (4E)-1-aryl-5-(2-(quinazolin-4-yloxy)phenyl)-1- <i>Medicinal Chemistry</i> , 2013, 63, 662-669.	2.6	46

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109	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
110	Three Candesartan Salts with Enhanced Oral Bioavailability. <i>Crystal Growth and Design</i> , 2015, 15, 3707-3714.	1.4	44
111	Magnetically recyclable basic polymeric ionic liquids for efficient transesterification of <i>Firmiana platanifolia</i> L.f. oil into biodiesel. <i>Energy Conversion and Management</i> , 2017, 153, 462-472.	4.4	44
112	Synthesis and biological evaluation of pyridinium-functionalized carbazole derivatives as promising antibacterial agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 4294-4297.	1.0	44
113	Synthesis and Bioactivity of α -Aminophosphonates Containing Fluorine. <i>Molecules</i> , 2003, 8, 186-192.	1.7	43
114	Nucleophilic α -Carbon Activation of Propionic Acid as a β -Carbon Synthone by Carbene Organocatalysis. <i>Chemistry - A European Journal</i> , 2015, 21, 9360-9363.	1.7	42
115	Self-Assembly of Ln(III)-Containing Tungstotellurates(VI): Correlation of Structure and Photoluminescence. <i>Inorganic Chemistry</i> , 2018, 57, 8831-8840.	1.9	42
116	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
117	Efficient conversion of furfuryl alcohol to ethyl levulinate with sulfonic acid-functionalized MIL-101(Cr). <i>RSC Advances</i> , 2016, 6, 90232-90238.	1.7	41
118	Hierarchically constructed NiO with improved performance for catalytic transfer hydrogenation of biomass-derived aldehydes. <i>Catalysis Science and Technology</i> , 2019, 9, 1289-1300.	2.1	41
119	Bifunctional Chiral Organocatalysts in Organic Transformations. <i>Current Organic Synthesis</i> , 2009, 6, 380-399.	0.7	41
120	Synthesis and bioactivity of fluorine compounds containing isoxazolylamino and phosphonate groups. <i>Journal of Fluorine Chemistry</i> , 2005, 126, 1419-1424.	0.9	40
121	Polymeric Ionic Hybrid as Solid Acid Catalyst for the Selective Conversion of Fructose and Glucose to 5-Hydroxymethylfurfural. <i>Energy Technology</i> , 2013, 1, 151-156.	1.8	40
122	Double-walled N-doped carbon@NiCo ₂ S ₄ hollow capsules as SeS ₂ hosts for advanced Li-SeS ₂ batteries. <i>Journal of Materials Chemistry A</i> , 2019, 7, 12276-12282.	5.2	40
123	Facile synthesis of polyoxometalates tethered to post Fe-BTC frameworks for esterification of free fatty acids to biodiesel. <i>RSC Advances</i> , 2019, 9, 8113-8120.	1.7	40
124	Synthesis and in vitro antitumor evaluation of betulin acid ester derivatives as novel apoptosis inducers. <i>European Journal of Medicinal Chemistry</i> , 2015, 102, 249-255.	2.6	39
125	Synthesis and Antifungal Bioactivities of 3-Alkylquinazolin-4-one Derivatives. <i>Molecules</i> , 2006, 11, 383-392.	1.7	38
126	Multi-SO ₃ H functionalized mesoporous polymeric acid catalyst for biodiesel production and fructose-to-biodiesel additive conversion. <i>Renewable Energy</i> , 2017, 107, 245-252.	4.3	38

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127	Addition of <i>N</i> -Heterocyclic Carbene Catalyst to Aryl Esters Induces Remote C–Si Bond Activation and Benzylic Carbon Functionalization. <i>Organic Letters</i> , 2018, 20, 333-336.	2.4	38
128	Asymmetric Mannich reactions catalyzed by cinchona alkaloid thiourea: enantioselective one-pot synthesis of novel β -amino ester derivatives. <i>Tetrahedron: Asymmetry</i> , 2011, 22, 518-523.	1.8	37
129	Antimicrobial evaluation and action mechanism of pyridinium-decorated 1,4-pentadien-3-one derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 1742-1746.	1.0	37
130	Environment-Friendly Antiviral Agents for Plants. , 2010, , .		37
131	The Development and Application of a Dot-ELISA Assay for Diagnosis of Southern Rice Black-Streaked Dwarf Disease in the Field. <i>Viruses</i> , 2012, 4, 167-183.	1.5	36
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