

Yi-Nan Zhang

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

82

papers

1,664

citations

21

h-index

37

g-index

99

ext. papers

1,923

ext. citations

5.9

avg, IF

4.34

L-index

#	Paper	IF	Citations
82	Ursolic acid and its derivative inhibit protein tyrosine phosphatase 1B, enhancing insulin receptor phosphorylation and stimulating glucose uptake. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2006 , 1760, 1505-12	4	191
81	Oleanolic acid and its derivatives: new inhibitor of protein tyrosine phosphatase 1B with cellular activities. <i>Bioorganic and Medicinal Chemistry</i> , 2008 , 16, 8697-705	3.4	127
80	Bifunctional Cinchona alkaloid thiourea catalyzed highly efficient, enantioselective aza-Henry reaction of cyclic trifluoromethyl ketimines: synthesis of anti-HIV drug DPC 083. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 11773-6	16.4	111
79	Catalytic enantioselective conjugate addition of fluorobis(phenylsulfonyl)methane to enals: synthesis of chiral monofluoromethyl compounds. <i>Chemical Communications</i> , 2009 , 4886-8	5.8	73
78	Cu(II) catalyzed oxidation-[3+2] cycloaddition-aromatization cascade: efficient synthesis of pyrrolo [2, 1-a] isoquinolines. <i>Chemical Communications</i> , 2011 , 47, 1036-8	5.8	72
77	Interplay of direct stereocontrol and dynamic kinetic resolution in a bifunctional amine thiourea catalyzed highly enantioselective cascade Michael-Michael reaction. <i>Chemistry - A European Journal</i> , 2011 , 17, 770-4	4.8	68
76	Corosolic acid stimulates glucose uptake via enhancing insulin receptor phosphorylation. <i>European Journal of Pharmacology</i> , 2008 , 584, 21-9	5.3	54
75	Discovery and synthesis of new immunosuppressive alkaloids from the stem of <i>Fissistigma oldhamii</i> (Hemsl.) Merr. <i>Bioorganic and Medicinal Chemistry</i> , 2007 , 15, 988-96	3.4	53
74	Frenolicins C-G, pyranonaphthoquinones from <i>Streptomyces</i> sp. RM-4-15. <i>Journal of Natural Products</i> , 2013 , 76, 1441-7	4.9	50
73	Highly enantioselective Michael-cyclization cascade promoted by synergistic asymmetric aminocatalysis and Lewis acid catalysis. <i>Tetrahedron Letters</i> , 2010 , 51, 1742-1744	2	42
72	Nine new dammarane saponins from <i>Gynostemma pentaphyllum</i> . <i>Chemistry and Biodiversity</i> , 2006 , 3, 771-82	2.5	38
71	Terfestatins B and C, New p-Terphenyl Glycosides Produced by <i>Streptomyces</i> sp. RM-5-8. <i>Organic Letters</i> , 2015 , 17, 2796-9	6.2	34
70	Bifunctional Cinchona Alkaloid Thiourea Catalyzed Highly Efficient, Enantioselective Aza-Henry Reaction of Cyclic Trifluoromethyl Ketimines: Synthesis of Anti-HIV Drug DPC 083. <i>Angewandte Chemie</i> , 2011 , 123, 11977-11980	3.6	31
69	Anti-inflammatory effects of Z23 on LPS-induced inflammatory responses in RAW264.7 macrophages. <i>Journal of Ethnopharmacology</i> , 2008 , 120, 447-51	5	31
68	Lindenane sesquiterpene dimers from <i>Chloranthus fortunei</i> . <i>Journal of Natural Products</i> , 2008 , 71, 674-74.9		31
67	Spoxazomicin D and Oxachelin C, Potent Neuroprotective Carboxamides from the Appalachian Coal Fire-Associated Isolate <i>Streptomyces</i> sp. RM-14-6. <i>Journal of Natural Products</i> , 2017 , 80, 2-11	4.9	28
66	A diastereoselective oxa-Pictet-Spengler-based strategy for (+)-frenolicin B and epi-(+)-frenolicin B synthesis. <i>Organic Letters</i> , 2013 , 15, 5566-9	6.2	28

65	Mccrearamycins A-D, Geldanamycin-Derived Cyclopentenone Macrolactams from an Eastern Kentucky Abandoned Coal Mine Microbe. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 2994-2998	16.4	27
64	Oleanolic acid derivative NPLC441 potently stimulates glucose transport in 3T3-L1 adipocytes via a multi-target mechanism. <i>Biochemical Pharmacology</i> , 2008 , 76, 1251-62	6	27
63	Bi- and Tetracyclic Spirotetronates from the Coal Mine Fire Isolate Streptomyces sp. LC-6-2. <i>Journal of Natural Products</i> , 2017 , 80, 1141-1149	4.9	26
62	Asymmetric Organocatalytic Synthesis of Benzopyran- and Benzofuran-Fused Polycyclic Acetals. <i>Advanced Synthesis and Catalysis</i> , 2017 , 359, 2184-2190	5.6	22
61	A divergent enantioselective strategy for the synthesis of griseusins. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 11219-22	16.4	21
60	Discovery and structure-activity relationships study of thieno[2,3-b]pyridine analogues as hepatic gluconeogenesis inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2018 , 152, 307-317	6.8	20
59	Ruthmycin, a new tetracyclic polyketide from Streptomyces sp. RM-4-15. <i>Organic Letters</i> , 2014 , 16, 456-96.2	96.2	20
58	Frenolicin B Targets Peroxiredoxin 1 and Glutaredoxin 3 to Trigger ROS/4E-BP1-Mediated Antitumor Effects. <i>Cell Chemical Biology</i> , 2019 , 26, 366-377.e12	8.2	19
57	Palladium-Catalyzed Formylation of Aryl Iodides with HCOOH as CO Source. <i>Organic Letters</i> , 2017 , 19, 4235-4238	6.2	19
56	Preparation of tyrosinase inhibitors and antibrowning agents using green technology. <i>Food Chemistry</i> , 2016 , 197, 589-96	8.5	18
55	Stereoselective organocatalytic oxidation of alcohols to enals: a homologation method to prepare polyenes. <i>Chemical Communications</i> , 2016 , 52, 3532-5	5.8	17
54	β -Diazo β Keto Ester as Precursor to Aromatic C-H Insertion and Wolff Rearrangement with Different Directing Groups. <i>Advanced Synthesis and Catalysis</i> , 2014 , 356, 416-420	5.6	17
53	Triterpene saponins from <i>Gynostemma cardiospermum</i> . <i>Journal of Natural Products</i> , 2006 , 69, 1394-8	4.9	16
52	Baraphenazines A-G, Divergent Fused Phenazine-Based Metabolites from a Himalayan Streptomyces. <i>Journal of Natural Products</i> , 2019 , 82, 1686-1693	4.9	15
51	Chiral cyclohexane 1,3-diones as inhibitors of mutant SOD1-dependent protein aggregation for the treatment of ALS. <i>ACS Medicinal Chemistry Letters</i> , 2012 , 3, 584-587	4.3	15
50	Arylazanylpyrazolone derivatives as inhibitors of mutant superoxide dismutase 1 dependent protein aggregation for the treatment of amyotrophic lateral sclerosis. <i>Journal of Medicinal Chemistry</i> , 2013 , 56, 2665-75	8.3	14
49	GC/TOFMS Analysis of Endogenous Metabolites in Mouse Fibroblast Cells and Its Application in TiO ₂ Nanoparticle-Induced Cytotoxicity Study. <i>Chromatographia</i> , 2012 , 75, 1301-1310	2.1	13
48	Metabolomic evaluation of di-n-butyl phthalate-induced teratogenesis in mice. <i>Metabolomics</i> , 2011 , 7, 559-571	4.7	13

47	FRET detection of lymphocyte function-associated antigen-1 conformational extension. <i>Molecular Biology of the Cell</i> , 2015 , 26, 43-54	3.5	12
46	Real-time analysis of the inside-out regulation of lymphocyte function-associated antigen-1 revealed similarities to and differences from very late antigen-4. <i>Journal of Biological Chemistry</i> , 2011 , 286, 20375-86	5.4	12
45	7R(3R,4R)-dihydroxyphenyl)-N-[(4-methoxyphenyl)ethyl]propenamide (Z23), an effective compound from the Chinese herb medicine <i>Fissistigma oldhamii</i> (Hemsl.) Merr, suppresses T cell-mediated immunity in vitro and in vivo. <i>Life Sciences</i> , 2007 , 81, 1677-84	6.8	12
44	Total synthesis of griseusins and elucidation of the griseusin mechanism of action. <i>Chemical Science</i> , 2019 , 10, 7641-7648	9.4	11
43	Organocatalytic aldol addition reaction of cyclic hemiacetals to aldehydes. <i>Tetrahedron Letters</i> , 2015 , 56, 2875-2877	2	11
42	Pyridoxal-5P-phosphate-dependent alkyl transfer in nucleoside antibiotic biosynthesis. <i>Nature Chemical Biology</i> , 2020 , 16, 904-911	11.7	11
41	Total Synthesis of (+)-Rutamarin. <i>Advanced Synthesis and Catalysis</i> , 2008 , 350, 2373-2379	5.6	11
40	Tertiary Amine Pyrazolones and Their Salts as Inhibitors of Mutant Superoxide Dismutase 1-Dependent Protein Aggregation for the Treatment of Amyotrophic Lateral Sclerosis. <i>Journal of Medicinal Chemistry</i> , 2015 , 58, 5942-9	8.3	10
39	An efficient cascade approach to dibenzoxazepinones via nucleophilic aromatic substitution and Smiles rearrangement. <i>Tetrahedron Letters</i> , 2015 , 56, 2211-2213	2	10
38	Insecticidal Endostemonines A-J Produced by Endophytic from. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 1588-1595	5.7	9
37	One-pot green synthesis of 1,3,5-triaryl-pentane-1,5-dione and triarylmethane derivatives as a new class of tyrosinase inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016 , 26, 795-798	2.9	9
36	Rh-catalyzed intramolecular aromatic C-H insertion of β -diazo β -ketoesters: synthesis of 4-carbonyl chroman derivatives. <i>Tetrahedron</i> , 2014 , 70, 3400-3406	2.4	9
35	Diastereo- and enantioselective organocatalytic direct conjugate addition of gamma-butenolide to chalcones. <i>Chemistry - an Asian Journal</i> , 2010 , 5, 1303-6	4.5	9
34	Lonicerin targets EZH2 to alleviate ulcerative colitis by autophagy-mediated NLRP3 inflammasome inactivation. <i>Acta Pharmaceutica Sinica B</i> , 2021 , 11, 2880-2899	15.5	9
33	One-Pot Synthesis of N-Aryl-Nicotinamides and Diarylamines Based on a Tunable Smiles Rearrangement. <i>European Journal of Organic Chemistry</i> , 2015 , 2015, 3048-3052	3.2	8
32	A Divergent Enantioselective Strategy for the Synthesis of Griseusins. <i>Angewandte Chemie</i> , 2015 , 127, 11371-11374	3.6	8
31	A novel synthesis of 1-aryl-3-piperidone derivatives. <i>Tetrahedron Letters</i> , 2013 , 54, 573-575	2	7
30	Two New Steroid Saponins from <i>Paris polyphylla</i> . <i>Heterocycles</i> , 2005 , 65, 1197	0.8	7

29	The triterpenoid sapogenin (2 β -OH-Protopanoxadiol) ameliorates metabolic syndrome via the intestinal FXR/GLP-1 axis through gut microbiota remodelling. <i>Cell Death and Disease</i> , 2020 , 11, 770	9.8	7
28	Identification of Neuroprotective Spoxazomicin and Oxachelin Glycosides via Chemoenzymatic Glycosyl-Scanning. <i>Journal of Natural Products</i> , 2017 , 80, 12-18	4.9	6
27	Ruthenium(II)-catalyzed C α /C β cyclization for the synthesis of 5-membered O-containing and S-containing heterocycles. <i>Organic Chemistry Frontiers</i> , 2019 , 6, 846-851	5.2	6
26	Small molecule IVQ, as a prodrug of gluconeogenesis inhibitor QVO, efficiently ameliorates glucose homeostasis in type 2 diabetic mice. <i>Acta Pharmacologica Sinica</i> , 2019 , 40, 1193-1204	8	6
25	Palladium-Catalyzed Regiospecific and C-H Oxygenations of Polyaromatic Rings Mediated by Tunable Directing Groups. <i>Organic Letters</i> , 2021 , 23, 279-284	6.2	6
24	Design, synthesis and biological evaluation of LX2343 derivatives as neuroprotective agents for the treatment of Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2018 , 145, 622-633	6.8	5
23	Didymin switches M1-like toward M2-like macrophage to ameliorate ulcerative colitis via fatty acid oxidation. <i>Pharmacological Research</i> , 2021 , 169, 105613	10.2	5
22	Mccrearamycins AD, Geldanamycin-Derived Cyclopentenone Macrolactams from an Eastern Kentucky Abandoned Coal Mine Microbe. <i>Angewandte Chemie</i> , 2017 , 129, 3040-3044	3.6	4
21	Enantioselective Construction of Functionalized Cyclopentanes by a Relay Ring-Closing Metathesis and Chiral Amine (Thio)urea-Promoted Michael Addition. <i>Synthesis</i> , 2014 , 46, 2601-2607	2.9	4
20	Direct amination of β -halo- β -ketoesters with anilines. <i>Journal of Organic Chemistry</i> , 2012 , 77, 3462-7	4.2	4
19	Mithramycin 2ROximes with Improved Selectivity, Pharmacokinetics, and Ewing Sarcoma Antitumor Efficacy. <i>Journal of Medicinal Chemistry</i> , 2020 , 63, 14067-14086	8.3	4
18	Thermo-Promoted Reactions of Anthranils with Carboxylic Acids, Amines, Phenols, and Malononitrile under Catalyst-Free Conditions. <i>Journal of Organic Chemistry</i> , 2019 , 84, 2022-2031	4.2	4
17	Sugar-Pirating as an Enabling Platform for the Synthesis of 4,6-Dideoxyhexoses. <i>Journal of the American Chemical Society</i> , 2020 , 142, 9389-9395	16.4	3
16	Bis(phenylsulfonyl)methane mediated synthesis of olefins via a halogen elimination and double bond migration. <i>Organic and Biomolecular Chemistry</i> , 2018 , 16, 2619-2622	3.9	3
15	Discovery of (-)-1-(3-((1-Pyrrol-2-yl)methylene)-2-oxoindolin-6-yl)-3-(isoxazol-3-yl)urea Derivatives as Novel and Orally Highly Effective CSF-1R Inhibitors for Potential Colorectal Cancer Immunotherapy. <i>Journal of Medicinal Chemistry</i> , 2021 , 64, 17184-17208	8.3	3
14	Interleukin-10 suppression enhances T-cell antitumor immunity and responses to checkpoint blockade in chronic lymphocytic leukemia		3
13	An efficient synthesis of 4,6-substituted pyrrolo[3,2-d]pyrimidines by silver-catalyzed cyclization of acetylene amine. <i>Tetrahedron Letters</i> , 2016 , 57, 2418-2421	2	3
12	Costunolide ameliorates colitis via specific inhibition of HIF1 β /glycolysis-mediated Th17 differentiation. <i>International Immunopharmacology</i> , 2021 , 97, 107688	5.8	3

11	Aryl Hydrocarbon Receptor Deficiency in Intestinal Epithelial Cells Aggravates Alcohol-Related Liver Disease. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021 , 13, 233-256	7.9	2
10	A New Approach to Synthesize of 4-Phenacylidene-flavene Derivatives and to Evaluate Their Cytotoxic Effects on HepG2 Cell Line. <i>Molecules</i> , 2017 , 22,	4.8	1
9	Structure and Function of a Dual Reductase-Dehydratase Enzyme System Involved in γ -Terphenyl Biosynthesis. <i>ACS Chemical Biology</i> , 2021 ,	4.9	1
8	Surfactant Assisted Rapid-Release Liposomal Strategies Enhance the Antitumor Efficiency of Bufalin Derivative and Reduce Cardiotoxicity. <i>International Journal of Nanomedicine</i> , 2021 , 16, 3581-3598	7.3	1
7	Iridoid Constituents of. <i>Journal of Natural Products</i> , 2021 , 84, 1915-1923	4.9	1
6	Two Novel Flavonoids and Cytotoxicity Evaluation from <i>Cryptocarya yunnanensis</i> .. <i>Chemistry and Biodiversity</i> , 2022 , e202200224	2.5	1
5	Overcoming α - and β -selectivity in C-H methylation of 1-naphthaldehydes by a tunable transient ligand strategy.. <i>Chemical Science</i> , 2022 , 13, 2900-2908	9.4	0
4	<i>Helicobacter pylori</i> FabX contains a [4Fe-4S] cluster essential for unsaturated fatty acid synthesis. <i>Nature Communications</i> , 2021 , 12, 6932	17.4	0
3	Efficient Construction of (E)- α -epi-Costunolide through a Chromium(II)-Mediated Nozaki-Hiyama-Kishi Reaction. <i>Synlett</i> , 2021 , 32, 1469-1472	2.2	
2	2-Amino-1-benzenesulfonic Acid1-3		
1	3,5-Dimethyl Aniline1-3		