

# Yi-Nan Zhang

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/2568003/yi-nan-zhang-publications-by-year.pdf>

**Version:** 2024-04-19

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Overcoming $\alpha$ - and $\beta$ -selectivity in C-H methylation of 1-naphthaldehydes by a tunable transient ligand strategy.. <i>Chemical Science</i> , <b>2022</b> , 13, 2900-2908	9.4	0
81	Two Novel Flavonoids and Cytotoxicity Evaluation from <i>Cryptocarya yunnanensis</i> .. <i>Chemistry and Biodiversity</i> , <b>2022</b> , e202200224	2.5	1
80	Discovery of $\alpha$ -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> , <b>2021</b> , 64, 17184-17208	8.3	3
79	Structure and Function of a Dual Reductase-Dehydratase Enzyme System Involved in $\alpha$ -Terphenyl Biosynthesis. <i>ACS Chemical Biology</i> , <b>2021</b> ,	4.9	1
78	<i>Helicobacter pylori</i> FabX contains a [4Fe-4S] cluster essential for unsaturated fatty acid synthesis. <i>Nature Communications</i> , <b>2021</b> , 12, 6932	17.4	0
77	Surfactant Assisted Rapid-Release Liposomal Strategies Enhance the Antitumor Efficiency of Bufalin Derivative and Reduce Cardiotoxicity. <i>International Journal of Nanomedicine</i> , <b>2021</b> , 16, 3581-3598	7.3	1
76	Iridoid Constituents of. <i>Journal of Natural Products</i> , <b>2021</b> , 84, 1915-1923	4.9	1
75	Efficient Construction of $\beta$ -epi-Costunolide through a Chromium(II)-Mediated Nozaki-Hiyama-Kishi Reaction. <i>Synlett</i> , <b>2021</b> , 32, 1469-1472	2.2	
74	Palladium-Catalyzed Regiospecific and C-H Oxygenations of Polyaromatic Rings Mediated by Tunable Directing Groups. <i>Organic Letters</i> , <b>2021</b> , 23, 279-284	6.2	6
73	Didymin switches M1-like toward M2-like macrophage to ameliorate ulcerative colitis via fatty acid oxidation. <i>Pharmacological Research</i> , <b>2021</b> , 169, 105613	10.2	5
72	Costunolide ameliorates colitis via specific inhibition of HIF1 $\alpha$ /glycolysis-mediated Th17 differentiation. <i>International Immunopharmacology</i> , <b>2021</b> , 97, 107688	5.8	3
71	Aryl Hydrocarbon Receptor Deficiency in Intestinal Epithelial Cells Aggravates Alcohol-Related Liver Disease. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , <b>2021</b> , 13, 233-256	7.9	2
70	Lonicerin targets EZH2 to alleviate ulcerative colitis by autophagy-mediated NLRP3 inflammasome inactivation. <i>Acta Pharmaceutica Sinica B</i> , <b>2021</b> , 11, 2880-2899	15.5	9
69	Pyridoxal-5P-phosphate-dependent alkyl transfer in nucleoside antibiotic biosynthesis. <i>Nature Chemical Biology</i> , <b>2020</b> , 16, 904-911	11.7	11
68	Insecticidal Endostemonines A-J Produced by Endophytic from. <i>Journal of Agricultural and Food Chemistry</i> , <b>2020</b> , 68, 1588-1595	5.7	9
67	Sugar-Pirating as an Enabling Platform for the Synthesis of 4,6-Dideoxyhexoses. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 9389-9395	16.4	3
66	Mithramycin 2ROximes with Improved Selectivity, Pharmacokinetics, and Ewing Sarcoma Antitumor Efficacy. <i>Journal of Medicinal Chemistry</i> , <b>2020</b> , 63, 14067-14086	8.3	4

65	The triterpenoid sapogenin (2 $\beta$ -OH-Protopanoxadiol) ameliorates metabolic syndrome via the intestinal FXR/GLP-1 axis through gut microbiota remodelling. <i>Cell Death and Disease</i> , <b>2020</b> , 11, 770	9.8	7
64	Ruthenium(II)-catalyzed C $\alpha$ /C $\beta$ cyclization for the synthesis of 5-membered O-containing and S-containing heterocycles. <i>Organic Chemistry Frontiers</i> , <b>2019</b> , 6, 846-851	5.2	6
63	Frenolicin B Targets Peroxiredoxin 1 and Glutaredoxin 3 to Trigger ROS/4E-BP1-Mediated Antitumor Effects. <i>Cell Chemical Biology</i> , <b>2019</b> , 26, 366-377.e12	8.2	19
62	Baraphenazines A-G, Divergent Fused Phenazine-Based Metabolites from a Himalayan Streptomyces. <i>Journal of Natural Products</i> , <b>2019</b> , 82, 1686-1693	4.9	15
61	Total synthesis of griseusins and elucidation of the griseusin mechanism of action. <i>Chemical Science</i> , <b>2019</b> , 10, 7641-7648	9.4	11
60	Small molecule IVQ, as a prodrug of gluconeogenesis inhibitor QVO, efficiently ameliorates glucose homeostasis in type 2 diabetic mice. <i>Acta Pharmacologica Sinica</i> , <b>2019</b> , 40, 1193-1204	8	6
59	Thermo-Promoted Reactions of Anthranils with Carboxylic Acids, Amines, Phenols, and Malononitrile under Catalyst-Free Conditions. <i>Journal of Organic Chemistry</i> , <b>2019</b> , 84, 2022-2031	4.2	4
58	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> , <b>2018</b> , 145, 622-633	6.8	5
57	Discovery and structure-activity relationships study of thieno[2,3-b]pyridine analogues as hepatic gluconeogenesis inhibitors. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 152, 307-317	6.8	20
56	Bis(phenylsulfonyl)methane mediated synthesis of olefins via a halogen elimination and double bond migration. <i>Organic and Biomolecular Chemistry</i> , <b>2018</b> , 16, 2619-2622	3.9	3
55	Mccrearamycins A-D, Geldanamycin-Derived Cyclopentenone Macrolactams from an Eastern Kentucky Abandoned Coal Mine Microbe. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 2994-2998	16.4	27
54	Mccrearamycins AD, Geldanamycin-Derived Cyclopentenone Macrolactams from an Eastern Kentucky Abandoned Coal Mine Microbe. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 3040-3044	3.6	4
53	Asymmetric Organocatalytic Synthesis of Benzopyran- and Benzofuran-Fused Polycyclic Acetals. <i>Advanced Synthesis and Catalysis</i> , <b>2017</b> , 359, 2184-2190	5.6	22
52	Bi- and Tetracyclic Spirotetronates from the Coal Mine Fire Isolate Streptomyces sp. LC-6-2. <i>Journal of Natural Products</i> , <b>2017</b> , 80, 1141-1149	4.9	26
51	Spoxazomicin D and Oxachelin C, Potent Neuroprotective Carboxamides from the Appalachian Coal Fire-Associated Isolate Streptomyces sp. RM-14-6. <i>Journal of Natural Products</i> , <b>2017</b> , 80, 2-11	4.9	28
50	Identification of Neuroprotective Spoxazomicin and Oxachelin Glycosides via Chemoenzymatic Glycosyl-Scanning. <i>Journal of Natural Products</i> , <b>2017</b> , 80, 12-18	4.9	6
49	Palladium-Catalyzed Formylation of Aryl Iodides with HCOOH as CO Source. <i>Organic Letters</i> , <b>2017</b> , 19, 4235-4238	6.2	19
48	A New Approach to Synthesize of 4-Phenacylidene flavene Derivatives and to Evaluate Their Cytotoxic Effects on HepG2 Cell Line. <i>Molecules</i> , <b>2017</b> , 22,	4.8	1

47	Stereoselective organocatalytic oxidation of alcohols to enals: a homologation method to prepare polyenes. <i>Chemical Communications</i> , <b>2016</b> , 52, 3532-5	5.8	17
46	One-pot green synthesis of 1,3,5-triarylpentane-1,5-dione and triarylmethane derivatives as a new class of tyrosinase inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2016</b> , 26, 795-798	2.9	9
45	Preparation of tyrosinase inhibitors and antibrowning agents using green technology. <i>Food Chemistry</i> , <b>2016</b> , 197, 589-96	8.5	18
44	An efficient synthesis of 4,6-substituted pyrrolo[3,2-d]pyrimidines by silver-catalyzed cyclization of acetylene amine. <i>Tetrahedron Letters</i> , <b>2016</b> , 57, 2418-2421	2	3
43	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> , <b>2015</b> , 58, 5942-9	8.3	10
42	Organocatalytic aldol addition reaction of cyclic hemiacetals to aldehydes. <i>Tetrahedron Letters</i> , <b>2015</b> , 56, 2875-2877	2	11
41	One-Pot Synthesis of N-Aryl-Nicotinamides and Diarylamines Based on a Tunable Smiles Rearrangement. <i>European Journal of Organic Chemistry</i> , <b>2015</b> , 2015, 3048-3052	3.2	8
40	Terfestatins B and C, New p-Terphenyl Glycosides Produced by Streptomyces sp. RM-5-8. <i>Organic Letters</i> , <b>2015</b> , 17, 2796-9	6.2	34
39	An efficient cascade approach to dibenzoxazepinones via nucleophilic aromatic substitution and Smiles rearrangement. <i>Tetrahedron Letters</i> , <b>2015</b> , 56, 2211-2213	2	10
38	FRET detection of lymphocyte function-associated antigen-1 conformational extension. <i>Molecular Biology of the Cell</i> , <b>2015</b> , 26, 43-54	3.5	12
37	A Divergent Enantioselective Strategy for the Synthesis of Griseusins. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 11371-11374	3.6	8
36	A divergent enantioselective strategy for the synthesis of griseusins. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 11219-22	16.4	21
35	Rh-catalyzed intramolecular aromatic C-H insertion of $\alpha$ -diazo $\beta$ -ketoesters: synthesis of 4-carbonyl chroman derivatives. <i>Tetrahedron</i> , <b>2014</b> , 70, 3400-3406	2.4	9
34	Ruthmycin, a new tetracyclic polyketide from Streptomyces sp. RM-4-15. <i>Organic Letters</i> , <b>2014</b> , 16, 456-96.2	96.2	20
33	$\alpha$ -Diazo $\beta$ -Keto Ester as Precursor to Aromatic C-H Insertion and Wolff Rearrangement with Different Directing Groups. <i>Advanced Synthesis and Catalysis</i> , <b>2014</b> , 356, 416-420	5.6	17
32	Enantioselective Construction of Functionalized Cyclopentanes by a Relay Ring-Closing Metathesis and Chiral Amine (Thio)urea-Promoted Michael Addition. <i>Synthesis</i> , <b>2014</b> , 46, 2601-2607	2.9	4
31	Frenolicins C-G, pyranonaphthoquinones from Streptomyces sp. RM-4-15. <i>Journal of Natural Products</i> , <b>2013</b> , 76, 1441-7	4.9	50
30	A novel synthesis of 1-aryl-3-piperidone derivatives. <i>Tetrahedron Letters</i> , <b>2013</b> , 54, 573-575	2	7

29	A diastereoselective oxa-Pictet-Spengler-based strategy for (+)-frenolicin B and epi-(+)-frenolicin B synthesis. <i>Organic Letters</i> , <b>2013</b> , 15, 5566-9	6.2	28
28	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> , <b>2013</b> , 56, 2665-75	8.3	14
27	Direct amination of halo-ketoesters with anilines. <i>Journal of Organic Chemistry</i> , <b>2012</b> , 77, 3462-7	4.2	4
26	GC/TOFMS Analysis of Endogenous Metabolites in Mouse Fibroblast Cells and Its Application in TiO <sub>2</sub> Nanoparticle-Induced Cytotoxicity Study. <i>Chromatographia</i> , <b>2012</b> , 75, 1301-1310	2.1	13
25	Chiral cyclohexane 1,3-diones as inhibitors of mutant SOD1-dependent protein aggregation for the treatment of ALS. <i>ACS Medicinal Chemistry Letters</i> , <b>2012</b> , 3, 584-587	4.3	15
24	Metabolomic evaluation of di-n-butyl phthalate-induced teratogenesis in mice. <i>Metabolomics</i> , <b>2011</b> , 7, 559-571	4.7	13
23	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> , <b>2011</b> , 123, 11977-11980	3.6	31
22	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> , <b>2011</b> , 50, 11773-6	16.4	111
21	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> , <b>2011</b> , 17, 770-4	4.8	68
20	Cu(II) catalyzed oxidation-[3+2] cycloaddition-aromatization cascade: efficient synthesis of pyrrolo [2, 1-a] isoquinolines. <i>Chemical Communications</i> , <b>2011</b> , 47, 1036-8	5.8	72
19	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> , <b>2011</b> , 286, 20375-86	5.4	12
18	Highly enantioselective Michael-cyclization cascade promoted by synergistic asymmetric aminocatalysis and Lewis acid catalysis. <i>Tetrahedron Letters</i> , <b>2010</b> , 51, 1742-1744	2	42
17	Diastereo- and enantioselective organocatalytic direct conjugate addition of gamma-butenolide to chalcones. <i>Chemistry - an Asian Journal</i> , <b>2010</b> , 5, 1303-6	4.5	9
16	Catalytic enantioselective conjugate addition of fluorobis(phenylsulfonyl)methane to enals: synthesis of chiral monofluoromethyl compounds. <i>Chemical Communications</i> , <b>2009</b> , 4886-8	5.8	73
15	Oleanolic acid derivative NPLC441 potently stimulates glucose transport in 3T3-L1 adipocytes via a multi-target mechanism. <i>Biochemical Pharmacology</i> , <b>2008</b> , 76, 1251-62	6	27
14	Corosolic acid stimulates glucose uptake via enhancing insulin receptor phosphorylation. <i>European Journal of Pharmacology</i> , <b>2008</b> , 584, 21-9	5.3	54
13	Anti-inflammatory effects of Z23 on LPS-induced inflammatory responses in RAW264.7 macrophages. <i>Journal of Ethnopharmacology</i> , <b>2008</b> , 120, 447-51	5	31
12	Lindenane sesquiterpene dimers from <i>Chloranthus fortunei</i> . <i>Journal of Natural Products</i> , <b>2008</b> , 71, 674-74.9		31

11	Total Synthesis of (+)-Rutamarin. <i>Advanced Synthesis and Catalysis</i> , <b>2008</b> , 350, 2373-2379	5.6	11
10	Oleanolic acid and its derivatives: new inhibitor of protein tyrosine phosphatase 1B with cellular activities. <i>Bioorganic and Medicinal Chemistry</i> , <b>2008</b> , 16, 8697-705	3.4	127
9	Discovery and synthesis of new immunosuppressive alkaloids from the stem of <i>Fissistigma oldhamii</i> (Hemsl.) Merr. <i>Bioorganic and Medicinal Chemistry</i> , <b>2007</b> , 15, 988-96	3.4	53
8	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> , <b>2007</b> , 81, 1677-84	6.8	12
7	Nine new dammarane saponins from <i>Gynostemma pentaphyllum</i> . <i>Chemistry and Biodiversity</i> , <b>2006</b> , 3, 771-82	2.5	38
6	Triterpene saponins from <i>Gynostemma cardiospermum</i> . <i>Journal of Natural Products</i> , <b>2006</b> , 69, 1394-8	4.9	16
5	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> , <b>2006</b> , 1760, 1505-12	4	191
4	Two New Steroid Saponins from <i>Paris polyphylla</i> . <i>Heterocycles</i> , <b>2005</b> , 65, 1197	0.8	7
3	Interleukin-10 suppression enhances T-cell antitumor immunity and responses to checkpoint blockade in chronic lymphocytic leukemia		3
2	2-Amino-1-benzenesulfonic Acid1-3		
1	3,5-Dimethyl Aniline1-3		