

# Lihong Hu

## List of Publications by Citations

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71  
papers

932  
citations

18  
h-index

27  
g-index

76  
ext. papers

1,280  
ext. citations

5.8  
avg, IF

4.68  
L-index

#	Paper	IF	Citations
71	Acetohydrazone: A Transient Directing Group for Arylation of Unactivated C(sp <sup>3</sup> )-H Bonds. <i>Organic Letters</i> , <b>2016</b> , 18, 2708-11	6.2	79
70	Thiamine hydrochloride (VB1): an efficient promoter for the one-pot synthesis of benzo[4,5]imidazo[1,2-a]pyrimidine and [1,2,4]triazolo[1,5-a]pyrimidine derivatives in water medium. <i>Green Chemistry</i> , <b>2012</b> , 14, 840	10	76
69	A catalyst-free reaction in water: synthesis of benzo[4,5]imidazo[1,2-a]pyrimido[4,5-d]pyrimidin-4(1H)-one derivatives. <i>Green Chemistry</i> , <b>2012</b> , 14, 2534 <sup>10</sup>	10	42
68	Design, synthesis and evaluate of novel dual FGFR1 and HDAC inhibitors bearing an indazole scaffold. <i>Bioorganic and Medicinal Chemistry</i> , <b>2018</b> , 26, 747-757	3.4	38
67	A general strategy for diversifying complex natural products to polycyclic scaffolds with medium-sized rings. <i>Nature Communications</i> , <b>2019</b> , 10, 4015	17.4	35
66	A new rhodium(I) NHC complex inhibits TrxR: In vitro cytotoxicity and in vivo hepatocellular carcinoma suppression. <i>European Journal of Medicinal Chemistry</i> , <b>2019</b> , 183, 111721	6.8	34
65	One-Pot Synthesis of 1H-Benzimidazole Derivatives Using Thiamine Hydrochloride as a Reusable Organocatalyst. <i>Synthetic Communications</i> , <b>2012</b> , 42, 2981-2993	1.7	28
64	Thiamine Hydrochloride-Catalyzed One-Pot Synthesis of 1,4-Dihydropyridine Derivatives Under Solvent-Free Conditions. <i>Synthetic Communications</i> , <b>2011</b> , 41, 1969-1976	1.7	28
63	Parthenolide Inhibits STAT3 Signaling by Covalently Targeting Janus Kinases. <i>Molecules</i> , <b>2018</b> , 23,	4.8	26
62	Diastereoselective Synthesis of Tetrahydroquinolines via [4 + 2] Annulation between in Situ Generated p-Quinone Methides and Nitroalkenes. <i>Organic Letters</i> , <b>2018</b> , 20, 5995-5998	6.2	26
61	Highly Chemoselective Condensation of $\beta$ -Naphthol, Aldehyde, and Urea Catalyzed by Thiamine Hydrochloride. <i>Synthetic Communications</i> , <b>2011</b> , 41, 3424-3432	1.7	25
60	Enhanced anti-colon cancer efficacy of 5-fluorouracil by epigallocatechin-3-gallate co-loaded in wheat germ agglutinin-conjugated nanoparticles. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2019</b> , 21, 102068	6	22
59	Protopanaxadiol derivative DDPU improves behavior and cognitive deficit in AD mice involving regulation of both ER stress and autophagy. <i>Neuropharmacology</i> , <b>2018</b> , 130, 77-91	5.5	22
58	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
57	Enantioselective and Collective Total Syntheses of Xanthanolides. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 16323-16327	16.4	20
56	FeCl <sub>3</sub> and Morpholine as Efficient Cocatalysts for the One-Step Synthesis of Quinoxalines from $\beta$ -Hydroxyketones and 1,2-Diamines. <i>Synthetic Communications</i> , <b>2012</b> , 42, 236-245	1.7	20
55	Palladium-Catalyzed Formylation of Aryl Iodides with HCOOH as CO Source. <i>Organic Letters</i> , <b>2017</b> , 19, 4235-4238	6.2	19

54	TGF- $\beta$ /p65/MAT2A pathway regulates liver fibrogenesis via intracellular SAM. <i>EBioMedicine</i> , <b>2019</b> , 42, 458-469	8.8	18
53	Resource, chemical structure and activity of natural polysaccharides against alcoholic liver damages. <i>Carbohydrate Polymers</i> , <b>2020</b> , 241, 116355	10.3	16
52	Discovery and SAR study of hydroxyacetophenone derivatives as potent, non-steroidal farnesoid X receptor (FXR) antagonists. <i>Bioorganic and Medicinal Chemistry</i> , <b>2014</b> , 22, 1596-607	3.4	15
51	Design, synthesis and biological evaluation of indolin-2-one-based derivatives as potent, selective and efficacious inhibitors of FMS-like tyrosine kinase3 (FLT3). <i>European Journal of Medicinal Chemistry</i> , <b>2017</b> , 127, 72-86	6.8	14
50	Design, synthesis and biological evaluation of novel indazole-based derivatives as potent HDAC inhibitors via fragment-based virtual screening. <i>European Journal of Medicinal Chemistry</i> , <b>2020</b> , 192, 112189	6.8	14
49	Synthesis of 1,4-Dihydroquinolines and 4-Chromenes via Organocatalytic Domino Aza/Oxa-Michael/1,6-Addition Reactions of $\alpha$ -Quinone Methides and Ynals. <i>Journal of Organic Chemistry</i> , <b>2020</b> , 85, 11240-11249	4.2	14
48	Higenamine, a Dual Agonist for $\alpha$ - and $\beta$ -Adrenergic Receptors Identified by Screening a Traditional Chinese Medicine Library. <i>Planta Medica</i> , <b>2019</b> , 85, 738-744	3.1	13
47	Anti-inflammatory octahydroindolizine alkaloid enantiomers from <i>Dendrobium crepidatum</i> . <i>Bioorganic Chemistry</i> , <b>2020</b> , 100, 103809	5.1	13
46	Asymmetric Synthesis of 3,3-Tetrahydrofuryl Spirooxindoles via Palladium-Catalyzed [3+2] Cycloadditions of Methyleneindolinones with Vinyl ethylene Carbonates. <i>Organic Letters</i> , <b>2020</b> , 22, 5833-5838	6.2	13
45	Hyaluronic acid functionalized gold nanorods combined with copper-based therapeutic agents for chemo-photothermal cancer therapy. <i>Journal of Materials Chemistry B</i> , <b>2020</b> , 8, 4841-4845	7.3	12
44	HS218 as an FXR antagonist suppresses gluconeogenesis by inhibiting FXR binding to PGC-1 $\beta$ promoter. <i>Metabolism: Clinical and Experimental</i> , <b>2018</b> , 85, 126-138	12.7	12
43	Untargeted serum metabolomics reveals Fu-Zhu-Jiang-Tang tablet and its optimal combination improve an impaired glucose and lipid metabolism in type II diabetic rats. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2017</b> , 1040, 222-232	3.2	12
42	Design, synthesis and biological evaluation of vincamine derivatives as potential pancreatic $\beta$ cells protective agents for the treatment of type 2 diabetes mellitus. <i>European Journal of Medicinal Chemistry</i> , <b>2020</b> , 188, 111976	6.8	12
41	Diastereoselective construction of 3-aryl-substituted indolines via annulation of in situ generated p-quinone methides. <i>Organic and Biomolecular Chemistry</i> , <b>2019</b> , 17, 10158-10162	3.9	12
40	Chartspiroton, a Tetracyclic Spiro-naphthoquinone Derivative from a Medicinal Plant Endophytic. <i>Organic Letters</i> , <b>2020</b> , 22, 3739-3743	6.2	11
39	One-pot synthesis of indoles and quinolinones from $\alpha$ -tosylaminophenyl-substituted $\alpha$ -quinone methides. <i>RSC Advances</i> , <b>2020</b> , 10, 33455-33460	3.7	11
38	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
37	Diastereoselective Synthesis of Tetrahydroquinolines Bearing Oxindole Scaffolds via Annulation of in Situ Generated p-Quinone Methides. <i>Advanced Synthesis and Catalysis</i> , <b>2020</b> , 362, 2755-2759	5.6	9

36	Design, synthesis and biological evaluation of novel 1-1,2,4-triazole, benzothiazole and indazole-based derivatives as potent FGFR1 inhibitors fragment-based virtual screening. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2020</b> , 35, 72-84	5.6	9
35	Engineering Exosome-Like Nanovesicles Derived from Can Inhibit the Proliferation of Hepatocellular Carcinoma Cells with Better Safety Profile. <i>International Journal of Nanomedicine</i> , <b>2021</b> , 16, 1575-1586	7.3	9
34	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
33	Vincamine as a GPR40 agonist improves glucose homeostasis in type 2 diabetic mice. <i>Journal of Endocrinology</i> , <b>2019</b> , 240, 195-214	4.7	7
32	The triterpenoid sapogenin (2 $\beta$ -OH-Protopanaxadiol) 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
31	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
30	Discovery and SAR study of 3-(tert-butyl)-4-hydroxyphenyl benzoate and benzamide derivatives as novel farnesoid X receptor (FXR) antagonists. <i>Bioorganic and Medicinal Chemistry</i> , <b>2015</b> , 23, 6427-36	3.4	6
29	A green, efficient, and rapid procedure for the hydrogenation of nitroarenes to formanilides in water. <i>Monatshefte Für Chemie</i> , <b>2018</b> , 149, 527-533	1.4	6
28	Discovery of a Potent and Selective FLT3 Inhibitor (-(5-((5-Fluoro-2-oxoindolin-3-ylidene)methyl)-4-methyl-1-pyrrol-3-yl)-3-(pyrrolidin-1-yl)propanamide with Improved Drug-like Properties and Superior Efficacy in FLT3-ITD-Positive Acute Myeloid Leukemia. <i>Journal of Medicinal Chemistry</i> , <b>2021</b> , 64, 4870-4890	8.3	6
27	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
26	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
25	HClO <sub>4</sub> -SiO <sub>2</sub> as an Efficient and Recyclable Catalyst for the Synthesis of Amide Derivatives. <i>Synthetic Communications</i> , <b>2011</b> , 41, 3186-3196	1.7	5
24	One-Pot Synthesis of Isoindolin-1-ones with Thiamine Hydrochloride (VB1) as a Catalyst and Their Inhibitory Activity Against Cancer Cell Lines. <i>Polycyclic Aromatic Compounds</i> , <b>2020</b> , 40, 33-39	1.3	5
23	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
22	Jatrophacine, a 4,5--rhamnofolane diterpenoid with potent anti-inflammatory activity from. <i>Natural Product Research</i> , <b>2021</b> , 35, 2748-2752	2.3	4
21	Synthetic derivatives of the natural product 13-amino 2-desoxy-4-epi-pulchellin inhibit STAT3 signaling and induce G2/M arrest and death of colon cancer cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2019</b> , 29, 782-785	2.9	4
20	Synthesis and cytotoxicity evaluation of 4S-amino-4S-dehydroxyloleandrin derivatives. <i>Fitoterapia</i> , <b>2016</b> , 113, 85-90	3.2	4
19	Cu(ClO <sub>4</sub> ) <sub>2</sub> · 6H <sub>2</sub> O as an Efficient Catalyst for the Synthesis of 3,4-Dihydropyrimidin-2(1H)-ones Under Solvent-Free Conditions. <i>Synthetic Communications</i> , <b>2011</b> , 41, 3071-3077	1.7	4

18	Design, synthesis and biological evaluation of mogrol derivatives as a novel class of AMPK $\beta$ 2 $\alpha$ 1 activators. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2020</b> , 30, 126790	2.9	4
17	Synergistic inhibition of metastatic breast cancer by dual-chemotherapy with excipient-free rhein/DOX nanodispersions. <i>Journal of Nanobiotechnology</i> , <b>2020</b> , 18, 116	9.4	4
16	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> , <b>2021</b> , 64, 17184-17208	8.3	3
15	SP6616 as a Kv2.1 inhibitor efficiently ameliorates peripheral neuropathy in diabetic mice. <i>EBioMedicine</i> , <b>2020</b> , 61, 103061	8.8	3
14	Surmounting tumor resistance to metallodrugs by co-loading a metal complex and siRNA in nanoparticles. <i>Chemical Science</i> , <b>2021</b> , 12, 4547-4556	9.4	3
13	Costunolide ameliorates colitis via specific inhibition of HIF1 $\beta$ /glycolysis-mediated Th17 differentiation. <i>International Immunopharmacology</i> , <b>2021</b> , 97, 107688	5.8	3
12	Cytotoxic Guaianolide Sesquiterpenoids from. <i>Journal of Natural Products</i> , <b>2021</b> , 84, 2568-2574	4.9	3
11	A natural compound derivative P-13 inhibits STAT3 signaling by covalently inhibiting Janus kinase 2. <i>Investigational New Drugs</i> , <b>2019</b> , 37, 452-460	4.3	2
10	A propolis-derived small molecule ameliorates metabolic syndrome in obese mice by targeting the CREB/CRTC2 transcriptional complex.. <i>Nature Communications</i> , <b>2022</b> , 13, 246	17.4	2
9	Development of Taccalonolide AJ-Hydroxypropyl- $\beta$ -Cyclodextrin Inclusion Complexes for Treatment of Clear Cell Renal-Cell Carcinoma. <i>Molecules</i> , <b>2020</b> , 25,	4.8	2
8	FX5 as a non-steroidal GR antagonist improved glucose homeostasis in type 2 diabetic mice via GR/HNF4 $\beta$ /miR-122-5p pathway. <i>Aging</i> , <b>2020</b> , 13, 2436-2458	5.6	1
7	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 <sup>73</sup>	7.3	1
6	Iridium-Catalyzed [4+3] Cyclization of ortho-Tosylaminophenyl-Substituted para-Quinone Methides with Vinylic Oxiranes/Vinyl Aziridines. <i>Asian Journal of Organic Chemistry</i> , <b>2021</b> , 10, 2152-2156	3	1
5	Metabolite identification of iridin in rats by using UHPLC-MS/MS and pharmacokinetic study of its metabolite irigenin. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2021</b> , 1181, 122914	3.2	1
4	Overcoming - and -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
3	Triptolide Shows High Sensitivity and Low Toxicity Against Acute Myeloid Leukemia Cell Lines Through Inhibiting WSTF-RNAPII Complex.. <i>Frontiers in Oncology</i> , <b>2022</b> , 12, 811850	5.3	0
2	Quantification and Pharmacokinetics Study of Pedunculoside in Rats by Using UPLC-MS/MS. <i>Current Pharmaceutical Analysis</i> , <b>2021</b> , 17, 731-737	0.6	
1	Efficient Construction of ( $\beta$ )-epi-Costunolide through a Chromium(II)-Mediated Nozaki $\beta$ iyama $\beta$ ishi Reaction. <i>Synlett</i> , <b>2021</b> , 32, 1469-1472	2.2	

