Lihong Hu

List of Publications by Year
in descending order

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74	1,658	257101	360668
papers	citations	24 h-index	35 g-index

76	76	76	2097
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Acetohydrazone: A Transient Directing Group for Arylation of Unactivated C(sp³)â€“H Bonds. Organic Letters, 2016, 18, 2708-2711.	2.4	94
2	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. Green Chemistry, 2012, 14, 840.	4.6	88
3	Engineering Exosome-Like Nanovesicles Derived from Asparagus cochinchinensis Can Inhibit the Proliferation of Hepatocellular Carcinoma Cells with Better Safety Profile. International Journal of Nanomedicine, 2021, Volume 16, 1575-1586.	3.3	75
4	Lonicerin targets EZH2 to alleviate ulcerative colitis by autophagy-mediated NLRP3 inflammasome inactivation. Acta Pharmaceutica Sinica B, 2021, 11, 2880-2899.	5.7	71
5	A general strategy for diversifying complex natural products to polycyclic scaffolds with medium-sized rings. Nature Communications, 2019, 10, 4015.	5.8	68
6	Resource, chemical structure and activity of natural polysaccharides against alcoholic liver damages. Carbohydrate Polymers, 2020, 241, 116355.	5.1	53
7	Design, synthesis and evaluate of novel dual FGFR1 and HDAC inhibitors bearing an indazole scaffold. Bioorganic and Medicinal Chemistry, 2018, 26, 747-757.	1.4	50
8	A new rhodium(I) NHC complex inhibits TrxR: InÂvitro cytotoxicity and inÂvivo hepatocellular carcinoma suppression. European Journal of Medicinal Chemistry, 2019, 183, 111721.	2.6	48
9	A catalyst-free reaction in water: synthesis of benzo[4,5]imidazo[1,2-a]pyrimido[4,5-d]pyrimidin-4(1H)-one derivatives. Green Chemistry, 2012, 14, 2534.	4.6	44
10	TGF-Î²1/p65/MAT2A pathway regulates liver fibrogenesis via intracellular SAM. EBioMedicine, 2019, 42, 458-469.	2.7	41
11	Parthenolide Inhibits STAT3 Signaling by Covalently Targeting Janus Kinases. Molecules, 2018, 23, 1478.	1.7	39
12	Enhanced anti-colon cancer efficacy of 5-fluorouracil by epigallocatechin-3- gallate co-loaded in wheat germ agglutinin-conjugated nanoparticles. Nanomedicine: Nanotechnology, Biology, and Medicine, 2019, 21, 102068.	1.7	38
13	Diastereoselective Synthesis of Tetrahydroquinolines via [4 + 2] Annulation between in Situ Generated p-Quinone Methides and Nitroalkenes. Organic Letters, 2018, 20, 5995-5998.	2.4	34
14	Asymmetric Synthesis of 3,3â€²-Tetrahydrofuryl Spirooxindoles via Palladium-Catalyzed [3+2] Cycloadditions of Methyleneindolinones with Vinylethylene Carbonates. Organic Letters, 2020, 22, 5833-5838.	2.4	34
15	Thiamine Hydrochlorideâ€“Catalyzed One-Pot Synthesis of 1,4-Dihydropyridine Derivatives Under Solvent-Free Conditions. Synthetic Communications, 2011, 41, 1969-1976.	1.1	33
16	One-Pot Synthesis of 1H-Benzimidazole Derivatives Using Thiamine Hydrochloride as a Reusable Organocatalyst. Synthetic Communications, 2012, 42, 2981-2993.	1.1	33
17	Enantioselective and Collective Total Syntheses of Xanthanolides. Angewandte Chemie - International Edition, 2017, 56, 16323-16327.	7.2	33
18	Synthesis of 1,4-Dihydroquinolines and 4H-Chromenes via Organocatalytic Domino Aza/Oxa-Michael/1,6-Addition Reactions of para-Quinone Methides and Ynals. Journal of Organic Chemistry, 2020, 85, 11240-11249.	1.7	31

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19	Protopanaxadiol derivative DDPU improves behavior and cognitive deficit in AD mice involving regulation of both ER stress and autophagy. Neuropharmacology, 2018, 130, 77-91.	2.0	30
20	Discovery and structure-activity relationships study of thieno[2,3-b]pyridine analogues as hepatic gluconeogenesis inhibitors. European Journal of Medicinal Chemistry, 2018, 152, 307-317.	2.6	29
21	Design, synthesis and biological evaluation of novel indazole-based derivatives as potent HDAC inhibitors via fragment-based virtual screening. European Journal of Medicinal Chemistry, 2020, 192, 112189.	2.6	29
22	Didymin switches M1-like toward M2-like macrophage to ameliorate ulcerative colitis via fatty acid oxidation. Pharmacological Research, 2021, 169, 105613.	3.1	29
23	Highly Chemoselective Condensation of Î²-Naphthol, Aldehyde, and Urea Catalyzed by Thiamine Hydrochloride. Synthetic Communications, 2011, 41, 3424-3432.	1.1	27
24	Palladium-Catalyzed Formylation of Aryl Iodides with HCOOH as CO Source. Organic Letters, 2017, 19, 4235-4238.	2.4	27
25	HS218 as an FXR antagonist suppresses gluconeogenesis by inhibiting FXR binding to PGC-1Î± promoter. Metabolism: Clinical and Experimental, 2018, 85, 126-138.	1.5	27
26	FeCl₃ and Morpholine as Efficient Cocatalysts for the One-Step Synthesis of Quinoxalines from Î±-Hydroxyketones and 1,2-Diamines. Synthetic Communications, 2012, 42, 236-245.	1.1	26
27	Anti-inflammatory octahydroindolizine alkaloid enantiomers from Dendrobium crepidatum. Bioorganic Chemistry, 2020, 100, 103809.	2.0	22
28	Design, synthesis and biological evaluation of indolin-2-one-based derivatives as potent, selective and efficacious inhibitors of FMS-like tyrosine kinase3 (FLT3). European Journal of Medicinal Chemistry, 2017, 127, 72-86.	2.6	21
29	SP6616 as a Kv2.1 inhibitor efficiently ameliorates peripheral neuropathy in diabetic mice. EBioMedicine, 2020, 61, 103061.	2.7	21
30	Insecticidal Endostemonines Aâ€“J Produced by Endophytic Streptomyces from Stemona sessilifolia. Journal of Agricultural and Food Chemistry, 2020, 68, 1588-1595.	2.4	21
31	Design, synthesis and biological evaluation of vincamine derivatives as potential pancreatic Î²-cells protective agents for the treatment of type 2 diabetes mellitus. European Journal of Medicinal Chemistry, 2020, 188, 111976.	2.6	19
32	Discovery and SAR study of hydroxyacetophenone derivatives as potent, non-steroidal farnesoid X receptor (FXR) antagonists. Bioorganic and Medicinal Chemistry, 2014, 22, 1596-1607.	1.4	18
33	Higenamine, a Dual Agonist for Î² 1- and Î² 2-Adrenergic Receptors Identified by Screening a Traditional Chinese Medicine Library. Planta Medica, 2019, 85, 738-744.	0.7	18
34	Diastereoselective construction of 3-aryl-substituted indolines via annulation of in situ generated p-quinone methides. Organic and Biomolecular Chemistry, 2019, 17, 10158-10162.	1.5	18
35	Synergistic inhibition of metastatic breast cancer by dual-chemotherapy with excipient-free rhein/DOX nanodispersions. Journal of Nanobiotechnology, 2020, 18, 116.	4.2	18
36	Chartspiroton, a Tetracyclic Spiro-naphthoquinone Derivative from a Medicinal Plant Endophytic Streptomyces. Organic Letters, 2020, 22, 3739-3743.	2.4	18

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37	Transition-metal-catalyzed switchable divergent cycloaddition of para-quinone methides and vinylethylene carbonates: Access to different sized medium-sized heterocycles. Chinese Chemical Letters, 2022, 33, 4549-4558.	4.8	17
38	The triterpenoid sapogenin (2Î±-OH-Protopanoxadiol) ameliorates metabolic syndrome via the intestinal FXR/GLP-1 axis through gut microbiota remodelling. Cell Death and Disease, 2020, 11, 770.	2.7	16
39	Design, synthesis and biological evaluation of novel 1H-1,2,4-triazole, benzothiazole and indazole-based derivatives as potent FGFR1 inhibitors viafragment-based virtual screening. Journal of Enzyme Inhibition and Medicinal Chemistry, 2020, 35, 72-84.	2.5	15
40	Hyaluronic acid functionalized gold nanorods combined with copper-based therapeutic agents for chemo-photothermal cancer therapy. Journal of Materials Chemistry B, 2020, 8, 4841-4845.	2.9	15
41	Palladium-Catalyzed Regiospecific peri- and ortho-Câ€“H Oxygenations of Polyaromatic Rings Mediated by Tunable Directing Groups. Organic Letters, 2021, 23, 279-284.	2.4	15
42	Discovery of a Potent and Selective FLT3 Inhibitor (Z)-N-(5-((5-Fluoro-2-oxoindolin-3-ylidene)methyl)-4-methyl-1H-pyrrol-3-yl)-3-(pyrrolidin-1-yl)propanamide with Improved Drug-like Properties and Superior Efficacy in FLT3-ITD-Positive Acute Myeloid Leukemia. Journal of Medicinal Chemistry, 2021, 64, 4870-4890.	2.9	15
43	A propolis-derived small molecule ameliorates metabolic syndrome in obese mice by targeting the CREB/CRTC2 transcriptional complex. Nature Communications, 2022, 13, 246.	5.8	15
44	Diastereoselective Synthesis of Tetrahydroquinolines Bearing Oxindole Scaffolds via Annulation of in Situ Generated pâ€Quinone Methides. Advanced Synthesis and Catalysis, 2020, 362, 2755-2759.	2.1	14
45	Cytotoxic Guaianolide Sesquiterpenoids from Ainsliaea fragrans. Journal of Natural Products, 2021, 84, 2568-2574.	1.5	14
46	Vincamine as a GPR40 agonist improves glucose homeostasis in type 2 diabetic mice. Journal of Endocrinology, 2019, 240, 195-214.	1.2	14
47	Design, synthesis and biological evaluation of mogrol derivatives as a novel class of AMPKÎ±2Î²1Î³1 activators. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 126790.	1.0	13
48	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. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1040, 222-232.	1.2	12
49	One-pot synthesis of indoles and quinolinones from ortho-tosylaminophenyl-substituted para-quinone methides. RSC Advances, 2020, 10, 33455-33460.	1.7	12
50	Surmounting tumor resistance to metallodrugs by co-loading a metal complex and siRNA in nanoparticles. Chemical Science, 2021, 12, 4547-4556.	3.7	12
51	Discovery of (Z)-1-(3-((1H-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. Journal of Medicinal Chemistry, 2021, 64, 17184-17208.	2.9	11
52	Ruthenium(<scp>ii</scp>)-catalyzed Câ€“O/Câ€“S cyclization for the synthesis of 5-membered O-containing and S-containing heterocycles. Organic Chemistry Frontiers, 2019, 6, 846-851.	2.3	9
53	Metabolite identification of iridin in rats by using UHPLC-MS/MS and pharmacokinetic study of its metabolite irigenin. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2021, 1181, 122914.	1.2	9
54	Discovery and SAR study of 3-(tert-butyl)-4-hydroxyphenyl benzoate and benzamide derivatives as novel farnesoid X receptor (FXR) antagonists. Bioorganic and Medicinal Chemistry, 2015, 23, 6427-6436.	1.4	8

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55	Surfactant Assisted Rapid-Release Liposomal Strategies Enhance the Antitumor Efficiency of Bufalin Derivative and Reduce Cardiotoxicity. International Journal of Nanomedicine, 2021, Volume 16, 3581-3598.	3.3	8
56	Overcoming peri- and ortho-selectivity in Câ€“H methylation of 1-naphthaldehydes by a tunable transient ligand strategy. Chemical Science, 2022, 13, 2900-2908.	3.7	8
57	HClO4-SiO2 as an Efficient and Recyclable Catalyst for the Synthesis of Amide Derivatives. Synthetic Communications, 2011, 41, 3186-3196.	1.1	7
58	Cu(ClO4)2ÂÂ·Â6H2O as an Efficient Catalyst for the Synthesis of 3,4-Dihydropyrimidin-2(1H)-ones Under Solvent-Free Conditions. Synthetic Communications, 2011, 41, 3071-3077.	1.1	7
59	Synthesis and cytotoxicity evaluation of 4â€²-amino-4â€²-dehydroxyloleandrin derivatives. FÃ¬toterapÃ¬Ã¢, 2016, 113, 85-90.	1.1	7
60	Design, synthesis and biological evaluation of LX2343 derivatives as neuroprotective agents for the treatment of Alzheimer's disease. European Journal of Medicinal Chemistry, 2018, 145, 622-633.	2.6	7
61	Costunolide ameliorates colitis via specific inhibition of HIF1Î±/glycolysis-mediated Th17 differentiation. International Immunopharmacology, 2021, 97, 107688.	1.7	7
62	A green, efficient, and rapid procedure for the hydrogenation of nitroarenes to formanilides in water. Monatshefte FÃ¼r Chemie, 2018, 149, 527-533.	0.9	6
63	A natural compound derivative P-13 inhibits STAT3 signaling by covalently inhibiting Janus kinase 2. Investigational New Drugs, 2019, 37, 452-460.	1.2	6
64	One-Pot Synthesis of Isoindolin-1-ones with Thiamine Hydrochloride (VB₁) as a Catalyst and Their Inhibitory Activity Against Cancer Cell Lines. Polycyclic Aromatic Compounds, 2020, 40, 33-39.	1.4	6
65	FX5 as a non-steroidal GR antagonist improved glucose homeostasis in type 2 diabetic mice via GR/HNF4Î±/miR-122-5p pathway. Aging, 2021, 13, 2436-2458.	1.4	6
66	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. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 782-785.	1.0	5
67	Development of Taccalonolide AJ-Hydroxypropyl-Î²-Cyclodextrin Inclusion Complexes for Treatment of Clear Cell Renal-Cell Carcinoma. Molecules, 2020, 25, 5586.	1.7	5
68	Jatrophacine, a 4,5-seco-rhamnofolane diterpenoid with potent anti-inflammatory activity from Jatropha curcas. Natural Product Research, 2021, 35, 2748-2752.	1.0	4
69	Triptolide Shows High Sensitivity and Low Toxicity Against Acute Myeloid Leukemia Cell Lines Through Inhibiting WSTF-RNAPII Complex. Frontiers in Oncology, 2022, 12, 811850.	1.3	4
70	Quantification and Pharmacokinetics Study of Pedunculoside in Rats by Using UPLC-MS/MS. Current Pharmaceutical Analysis, 2021, 17, 731-737.	0.3	1
71	Iridiumâ€Catalyzed [4+3] Cyclization of ortho â€Tosylaminophenylâ€Substituted para â€Quinone Methides with Vinylic Oxiranes/Vinyl Aziridines. Asian Journal of Organic Chemistry, 2021, 10, 2152-2156.	1.3	1
72	Hygromycin A derivatives isolated from Streptomyces sp. PC-22 in the rhizosphere soil of Pulsatilla chinensis. Journal of Antibiotics, 2022, 75, 176-180.	1.0	1

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73	Synthesis of Naphthalene Natural Products Dehydrocacalohastine and Musizin. Asian Journal of Organic Chemistry, 2022, 11, .	1.3	1
74	Efficient Construction of (Â±)-epi-Costunolide through a Chromium(II)-Mediated Nozakiâ€“Hiyamaâ€“Kishi Reaction. Synlett, 2021, 32, 1469-1472.	1.0	0