Nian-Guang Li

List of Publications by Citations

50 papers	670 citations	15 h-index	24 g-index
52 ext. papers	815 ext. citations	4.4 avg, IF	3.69 L-index

#	Paper	IF	Citations
50	Bioactivity and chemical synthesis of caffeic acid phenethyl ester and its derivatives. *Molecules*, **2014**, 19, 16458-76	4.8	65
49	Recent progress on the total synthesis of acetogenins from Annonaceae. *Beilstein Journal of Organic Chemistry*, **2008**, 4, 48	2.5	57
48	Neuroprotective effects of scutellarin and scutellarein on repeatedly cerebral ischemia-reperfusion in rats. *Pharmacology Biochemistry and Behavior*, **2014**, 118, 51-9	3.9	53
47	Recent opportunities in matrix metalloproteinase inhibitor drug design for cancer. *Expert Opinion on Drug Discovery*, **2018**, 13, 75-87	6.2	49
46	Novel multitarget-directed tacrine derivatives as potential candidates for the treatment of Alzheimer's disease. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2017**, 32, 572-587	5.6	42
45	Mannich bases of scutellarein as thrombin-inhibitors: design, synthesis, biological activity and solubility. *Bioorganic and Medicinal Chemistry*, **2012**, 20, 6919-23	3.4	39
44	Synthetic strategies in the construction of chromones. *Journal of Heterocyclic Chemistry*, **2010**, 47, 785-799	2.9	30
43	Highly efficient esterification of ferulic acid under microwave irradiation. *Molecules*, **2009**, 14, 2118-26	4.8	26
42	Design, synthesis and biological evaluation of glucose-containing scutellarein derivatives as neuroprotective agents based on metabolic mechanism of scutellarin in vivo. *Bioorganic and Medicinal Chemistry Letters*, **2013**, 23, 102-6	2.9	25
41	Matrix metalloproteinase inhibitors: a patent review (2011 - 2013). *Expert Opinion on Therapeutic Patents*, **2014**, 24, 1039-52	6.8	23
40	Synthesis and biological evaluation of methylated scutellarein analogs based on metabolic mechanism of scutellarin in vivo. *European Journal of Medicinal Chemistry*, **2015**, 106, 95-105	6.8	17
39	Synthesis, biological evaluation and SAR analysis of O-alkylated analogs of quercetin for anticancer. *Bioorganic and Medicinal Chemistry Letters*, **2014**, 24, 4424-4427	2.9	17
38	An efficient partial synthesis of 4'-O-methylquercetin via regioselective protection and alkylation of quercetin. *Beilstein Journal of Organic Chemistry*, **2009**, 5, 60	2.5	17
37	Small-Molecule Fms-like Tyrosine Kinase 3 Inhibitors: An Attractive and Efficient Method for the Treatment of Acute Myeloid Leukemia. *Journal of Medicinal Chemistry*, **2020**, 63, 12403-12428	8.3	17
36	Recent advance in the development of novel, selective and potent FGFR inhibitors. *European Journal of Medicinal Chemistry*, **2020**, 186, 111884	6.8	16
35	A Ferulic Acid Derivative FXS-3 Inhibits Proliferation and Metastasis of Human Lung Cancer A549 Cells via Positive JNK Signaling Pathway and Negative ERK/p38, AKT/mTOR and MEK/ERK Signaling Pathways. *Molecules*, **2019**, 24,	4.8	15
34	A new and practical synthetic method for the synthesis of 6-O-methyl-scutellarein: one metabolite of scutellarin in vivo. *International Journal of Molecular Sciences*, **2015**, 16, 7587-94	6.3	13

33	Comparative Metabolomic Analysis of the Neuroprotective Effects of Scutellarin and Scutellarein against Ischemic Insult. *PLoS ONE*, **2015**, 10, e0131569	3.7	13
32	Investigation on the interactions of scutellarin and scutellarein with bovine serum albumin using spectroscopic and molecular docking techniques. *Archives of Pharmacal Research*, **2015**, 38, 1789-801	6.1	10
31	Synthesis of scutellarein derivatives to increase biological activity and water solubility. *Bioorganic and Medicinal Chemistry*, **2015**, 23, 6875-84	3.4	10
30	Design, synthesis and structure-activity relationship of diaryl-ureas with novel isoxazol[3,4-b]pyridine-3-amino-structure as multi-target inhibitors against receptor tyrosine kinase. *Bioorganic and Medicinal Chemistry*, **2018**, 26, 4735-4744	3.4	9
29	Development and Structural Modification of BACE1 Inhibitors. *Molecules*, **2016**, 22,	4.8	9
28	Design, Synthesis and Biological Evaluation of Caffeic Acid Amides as Selective MMP-2 and MMP-9 Inhibitors. *Drug Development Research*, **2012**, 73, 343-351	5.1	8
27	Development of Orally Active Thrombin Inhibitors for the Treatment of Thrombotic Disorder Diseases. *Molecules*, **2015**, 20, 11046-62	4.8	7
26	Design, Synthesis, and Preliminary Evaluation of Substituted Cinnamic Acid Esters as Selective Matrix Metalloproteinase Inhibitors. *Drug Development Research*, **2012**, 73, 317-324	5.1	7
25	A novel and efficient synthesis of phenanthrene derivatives via palladium/norbornadiene-catalyzed domino one-pot reaction. *Beilstein Journal of Organic Chemistry*, **2019**, 15, 291-298	2.5	6
24	Norbornene-Mediated Palladium-Catalysed Domino-Type Catellani Reaction: an Efficient and Regiospecific Acylation/Suzuki Coupling of Aryl Iodides. *European Journal of Organic Chemistry*, **2018**, 2018, 3075-3085	3.2	6
23	New selective inhibitors of MMP-13 for inflammatory diseases: a patent evaluation (W02012151158). *Expert Opinion on Therapeutic Patents*, **2013**, 23, 669-75	6.8	6
22	Discovery of novel inhibitors disrupting HIF-1/von Hippel-Lindau interaction through shape-based screening and cascade docking. *PeerJ*, **2016**, 4, e2757	3.1	6
21	Design, Synthesis, and Biological Evaluation of Scutellarein Derivatives Based on Scutellarin Metabolic Mechanism In Vivo. *Chemical Biology and Drug Design*, **2016**, 87, 946-57	2.9	6
20	Identification of scutellarein metabolites in rat using ultra performance liquid chromatography/quadrupole-time-of-flight mass spectrometry. *Analytical Methods*, **2014**, 6, 4667	3.2	5
19	A new and efficient synthesis of 6-O-methylscutellarein, the major metabolite of the natural medicine scutellarin. *Molecules*, **2015**, 20, 10184-91	4.8	5
18	An Efficient Chemical Synthesis of Scutellarein: An in Vivo Metabolite of Scutellarin. *Molecules*, **2016**, 21, 263	4.8	4
17	Design, synthesis and evaluation of 2-amino-imidazol-4-one derivatives as potent β-site amyloid precursor protein cleaving enzyme 1 (BACE-1) inhibitors. *Bioorganic and Medicinal Chemistry Letters*, **2019**, 29, 126772	2.9	4
16	An Improved Synthesis of 6-O-Methyl-Scutellarein through Selective Benzylation. *Journal of Chemical Research*, **2015**, 39, 674-676	0.6	3

15	Cascade Reaction and Synthesis of Bicyclo[2,2,2]octenones. *Chinese Journal of Chemistry*, **2008**, 26, 363-367	1.9	3
14	Total synthesis, chemical modification and structure-activity relationship of bufadienolides. *European Journal of Medicinal Chemistry*, **2020**, 189, 112038	6.8	3
13	Anti-inflammatory and analgesic actions of bufotenine through inhibiting lipid metabolism pathway. *Biomedicine and Pharmacotherapy*, **2021**, 140, 111749	7.5	3
12	Protective effect of 6-O-methyl-scutellarein on repeated cerebral ischemia/reperfusion in rats. *Journal of Asian Natural Products Research*, **2018**, 20, 1167-1181	1.5	2
11	Synthesis and Bioactivity Characterization of Scutellarein Sulfonated Derivative. *Molecules*, **2017**, 22,	4.8	2
10	Design and synthesis of novel NO-donor-ferulic acid hybrids as potential antiatherosclerotic drug candidatesa. *Drug Development Research*, **2011**, 72, n/a-n/a	5.1	2
9	AHSA1 is a promising therapeutic target for cellular proliferation and proteasome inhibitor resistance in multiple myeloma.. *Journal of Experimental and Clinical Cancer Research*, **2022**, 41, 11	12.8	2
8	Scaffold Hopping Strategy for the Design, Synthesis and Biological Activity Evaluation of Novel Hexacyclic Scutellarein Derivatives with a 1,3-Oxazine Ring Fused at A-ring. *Medicinal Chemistry*, **2018**, 14, 478-484	1.8	2
7	Investigation of 6-O-methyl-scutellarein metabolites in rats by ultra-flow liquid chromatography/quadrupole-time-of-flight mass spectrometry. *Pharmaceutical Biology*, **2016**, 54, 2158-67	3.8	1
6	Targeting the development of resveratrol as a chemopreventive agent. *Drug Development Research* , **2010**, 71, 335-350	5.1	1
5	Bufotenine and its derivatives: synthesis, analgesic effects identification and computational target prediction. *Chinese Journal of Natural Medicines*, **2021**, 19, 454-463	2.8	1
4	Design, synthesis, and biological activity evaluation of BACE1 inhibitors with antioxidant activity. *Drug Development Research*, **2020**, 81, 206-214	5.1	1
3	An efficient strategy for digging protein-protein interactions for rational drug design - A case study with HIF-1α/VHL. *European Journal of Medicinal Chemistry*, **2022**, 227, 113871	6.8	1
2	Medicinal Chemistry Strategies for the Development of Bruton's Tyrosine Kinase Inhibitors against Resistance. *Journal of Medicinal Chemistry*,	8.3	1
1	Synthesis and Biological Evaluation of Scutellarein Alkyl Derivatives as Preventing Neurodegenerative Agents with Improved Lipid Soluble Properties. *Medicinal Chemistry*, **2019**, 15, 771-780	1.8	