Ling He

List of Publications by Year
in descending order

63 papers	1,152 citations	361296 20 h-index	454834 30 g-index
63 all docs	63 docs citations	63 times ranked	1497 citing authors

#	Article	IF	Citations
1	Synthesis and antitumor activity of novel Î±â€aminophosphonates from diterpenic dehydroabietylamine. Heteroatom Chemistry, 2008, 19, 512-516.	0.4	90
2	The role of polyunsaturated fatty acids and GPR40 receptor in brain. Neuropharmacology, 2017, 113, 639-651.	2.0	65
3	The role of the dynorphin/Îº opioid receptor system in anxiety. Acta Pharmacologica Sinica, 2015, 36, 783-790.	2.8	52
4	The modulatory role of dopamine receptors in brain neuroinflammation. International Immunopharmacology, 2019, 76, 105908.	1.7	47
5	Protective effects of muscone on ischemiaâ€“reperfusion injury in cardiac myocytes. Journal of Ethnopharmacology, 2011, 138, 34-39.	2.0	41
6	Liujunzi Tang, a famous traditional Chinese medicine, ameliorates cigarette smoke-induced mouse model of COPD. Journal of Ethnopharmacology, 2016, 193, 643-651.	2.0	39
7	GPR40 receptor activation leads to CREB phosphorylation and improves cognitive performance in an Alzheimerâ€™s disease mouse model. Neurobiology of Learning and Memory, 2016, 131, 46-55.	1.0	37
8	Effects of various principles from Chinese herbal medicine on rhodamine123 accumulation in brain capillary endothelial cells. Acta Pharmacologica Sinica, 2002, 23, 591-6.	2.8	37
9	Neuro-psychopharmacological perspective of Orphan receptors of Rhodopsin (class A) family of G protein-coupled receptors. Psychopharmacology, 2017, 234, 1181-1207.	1.5	34
10	Melatonin ameliorates AÎ²1-42-induced Alzheimer's cognitive deficits in mouse model. Journal of Pharmacy and Pharmacology, 2017, 70, 70-80.	1.2	34
11	Geniposide protects depression through BTK/JAK2/STAT1 signaling pathway in lipopolysaccharide-induced depressive mice. Brain Research Bulletin, 2021, 170, 65-73.	1.4	33
12	Inhibition of Pâ€glycoprotein function by procyanidine on bloodâ€“brain barrier. Phytotherapy Research, 2009, 23, 933-937.	2.8	30
13	The protective effect of Geniposide on diabetic cognitive impairment through BTK/TLR4/NF-ÎºB pathway. Psychopharmacology, 2020, 237, 465-477.	1.5	29
14	Effects of polyprenols from pine needles of Pinus massoniana on ameliorating cognitive impairment in a d-galactose-induced mouse model. Age, 2014, 36, 9676.	3.0	28
15	GW9508 ameliorates cognitive impairment via the cAMP-CREB and JNK pathways in APPswe/PS1dE9 mouse model of Alzheimer's disease. Neuropharmacology, 2020, 164, 107899.	2.0	27
16	The effect of geniposide on chronic unpredictable mild stressâ€induced depressive mice through <scp>BTK</scp>/<scp>TLR4</scp>/<scp>NFâ€ÎºB</scp> and <scp>BDNF</scp>/<scp>TrkB</scp> signaling pathways. Phytotherapy Research, 2021, 35, 932-945.	2.8	26
17	New factors influencing G protein coupled receptorsâ€™ system functions. Alexandria Journal of Medicine, 2013, 49, 1-5.	0.4	24
18	The role of CCR5 in the protective effect of Esculin on lipopolysaccharide-induced depressive symptom in mice. Journal of Affective Disorders, 2020, 277, 755-764.	2.0	24

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19	Sodium butyrate ameliorates the cognitive impairment of Alzheimerâ€™s disease by regulating the metabolism of astrocytes. Psychopharmacology, 2022, 239, 215-227.	1.5	24
20	Risperidone ameliorated AÎ²1-42-induced cognitive and hippocampal synaptic impairments in mice. Behavioural Brain Research, 2017, 322, 145-156.	1.2	23
21	D5 receptor agonist 027075 promotes cognitive function recovery and neurogenesis in a AÎ² 1-42 -induced mouse model. Neuropharmacology, 2016, 105, 72-83.	2.0	21
22	Dissociative role for dorsal hippocampus in mediating heroin selfâ€administration and relapse through CDK5 and RhoB signaling revealed by proteomic analysis. Addiction Biology, 2017, 22, 1731-1742.	1.4	21
23	Sub-anesthetic and anesthetic ketamine produce different long-lasting behavioral phenotypes (24Âh) Tj ETQq1 1 0.784314 rgBT /Ove the hippocampus. Neurobiology of Learning and Memory, 2020, 167, 107136.	1.0	20
24	Interaction of multidrug resistance reversal agents with P-glycoprotein ATPase activity on blood-brain barrier. Acta Pharmacologica Sinica, 2002, 23, 423-9.	2.8	20
25	The emerging role of GPR50 receptor in brain. Biomedicine and Pharmacotherapy, 2016, 78, 121-128.	2.5	19
26	Cytotoxic effects and pro-apoptotic mechanism of TBIDOM, a novel dehydroabietylamine derivative, on human hepatocellular carcinoma SMMC-7721 cells. Journal of Pharmacy and Pharmacology, 2010, 60, 205-211.	1.2	18
27	Îº Opioid receptor activation in different brain regions differentially modulates anxiety-related behaviors in mice. Neuropharmacology, 2016, 110, 92-101.	2.0	18
28	Determination of oroxylin A and oroxylin A 7-O-d-glucuronide in HepG2 cell lysate and subcellular fractions with SPE-UPLCâ€“MS/MS: Cellular pharmacokinetic study to indicate anti-cancer mechanisms. Journal of Pharmaceutical and Biomedical Analysis, 2018, 154, 364-372.	1.4	18
29	Dopamine D1 receptor agonist A-68930 ameliorates AÎ²1-42-induced cognitive impairment and neuroinflammation in mice. International Immunopharmacology, 2020, 88, 106963.	1.7	18
30	Immunodiagnostic Biomarkers for Hepatocellular Carcinoma (HCC): The First Step in Detection and Treatment. International Journal of Molecular Sciences, 2021, 22, 6139.	1.8	18
31	Label-free pharmacological profiling based on dynamic mass redistribution for characterization and authentication of hazardous natural products. Journal of Hazardous Materials, 2017, 333, 265-274.	6.5	17
32	A fast and accurate method for the identification of peroxidase inhibitors from Radix Salvia Miltiorrhizae by on-flow biochemical assay coupled with LC/Q-TOF-MS: comparison with ultrafiltration-based affinity selection. Analytical and Bioanalytical Chemistry, 2018, 410, 4311-4322.	1.9	17
33	Disrupted ubiquitin proteasome system underlying tau accumulation in Alzheimerâ€™s disease. Neurobiology of Aging, 2021, 99, 79-85.	1.5	16
34	Brazilian Green Propolis Extract Synergizes with Protoporphyrin IX-mediated Photodynamic Therapy via Enhancement of Intracellular Accumulation of Protoporphyrin IX and Attenuation of NF-Îºb and COX-2. Molecules, 2017, 22, 732.	1.7	15
35	The ameliorative effects and underlying mechanisms of dopamine D1-like receptor agonist SKF38393 on AÎ² 1â€“42 -induced cognitive impairment. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2018, 81, 250-261.	2.5	15
36	Role of GPR40 in pathogenesis and treatment of Alzheimer's disease and type 2 diabetic dementia. Journal of Drug Targeting, 2019, 27, 347-354.	2.1	13

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37	The effects of donepezil on phencyclidine-induced cognitive deficits in a mouse model of schizophrenia. Pharmacology Biochemistry and Behavior, 2018, 175, 69-76.	1.3	12
38	The potential role of Keap1-Nrf2 pathway in the pathogenesis of Alzheimerâ€™s disease, type 2 diabetes, and type 2 diabetes-related Alzheimerâ€™s disease. Metabolic Brain Disease, 2021, 36, 1469-1479.	1.4	9
39	Effects of the Chinese herb component phellopterin on the increase in cytosolic free calcium in PC12 cells. Drug Development Research, 2007, 68, 79-83.	1.4	8
40	A cell-based, high-throughput homogeneous time-resolved fluorescence assay for the screening of potential Îº-opioid receptor agonists. Acta Pharmacologica Sinica, 2014, 35, 957-966.	2.8	8
41	Design, synthesis and biological evaluation of novel tetrahydroisoquinoline quaternary derivatives as peripheral Îº-opioid receptor agonists. Bioorganic and Medicinal Chemistry, 2016, 24, 2964-2970.	1.4	8
42	Umbelliferone attenuates lipopolysaccharide-induced acute lung injury linked with regulation of TLRsâ€“MyD88 and RIP140/NF-ÎºB signaling pathways. RSC Advances, 2016, 6, 97503-97511.	1.7	8
43	Ube2b-dependent degradation of DNMT3a relieves a transcriptional brake on opiate-induced synaptic and behavioral plasticity. Molecular Psychiatry, 2021, 26, 1162-1177.	4.1	8
44	Neuroprotective Effects of Sinapine on PC12 Cells Apoptosis Induced by Sodium Dithionite. Chinese Journal of Natural Medicines, 2008, 6, 205-209.	0.7	6
45	Biomedical property modifications of poly(vinyl chloride) with methoxylated poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	1.3	6
46	NK1R/5â€HT1AR interaction is related to the regulation of melanogenesis. FASEB Journal, 2018, 32, 3193-3214.	0.2	6
47	Synthesis and Biological Evaluation of Fiveâ€Atomâ€Linkerâ€Based Arylpiperazine Derivatives with an Atypical Antipsychotic Profile. ChemMedChem, 2019, 14, 2042-2051.	1.6	6
48	GW9508 ameliorates cognitive dysfunction via the external treatment of encephalopathy in AÎ²1-42 induced mouse model of Alzheimer's disease. European Journal of Pharmacology, 2021, 909, 174362.	1.7	6
49	DRD1 agonist A-68930 improves mitochondrial dysfunction and cognitive deficits in a streptozotocin-induced mouse model. Brain Research Bulletin, 2021, 175, 136-149.	1.4	6
50	Polyprenols mitigate cognitive dysfunction and neuropathology in the <scp>APP/PS1</scp> mouse. Phytotherapy Research, 2018, 32, 1098-1107.	2.8	4
51	GPR40 receptor agonist TAK-875 improves cognitive deficits and reduces Î²-amyloid production in APPswe/PS1dE9 mice. Psychopharmacology, 2021, 238, 2133-2146.	1.5	4
52	CJZ3, a lomerizine derivative, modulates P-glycoprotein function in rat brain microvessel endothelial cells1. Acta Pharmacologica Sinica, 2006, 27, 414-418.	2.8	3
53	Tyrosine kinase inhibitory activity of dehydroabietylamine derivatives tested by homogeneous time-resolved fluorescence based high throughput screening model. Chinese Journal of Natural Medicines, 2013, 11, 506-513.	0.7	3
54	TPN672: A Novel Serotonin-Dopamine Receptor Modulator for the Treatment of Schizophrenia. Journal of Pharmacology and Experimental Therapeutics, 2021, 378, 20-30.	1.3	3

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55	Tyrosine kinase inhibitory activity of dehydroabietylamine derivatives tested by homogeneous time-resolved fluorescence based high throughput screening model. Chinese Journal of Natural Medicines, 2014, 11, 506-513.	0.7	3
56	CJZ3, a lomerizine derivative, reverses P-glycoprotein-mediated multidrug-resistance in doxorubicin-resistant human myelogenous leukemia (K562/DOX) cells. Drug Development Research, 2006, 67, 862-869.	1.4	2
57	Novel estrogen receptor ligands and their structure-activity relationship evaluated by scintillation proximity assay for high-throughput screening. Drug Development Research, 2005, 64, 203-212.	1.4	1
58	Interaction of CJX2, an amlodipine derivative with human P-glycoprotein ATPase activity. Drug Development Research, 2008, 69, 42-47.	1.4	1
59	Protective effect of CPUX1, a progesterone, on hydrogen peroxideâ€induced oxidative damage in PC12 cells. Drug Development Research, 2008, 69, 495-501.	1.4	1
60	Effect of CJX2, an amlodipine derivative, combined with verapamil on Pâ€glycoprotein efflux function in vitro. Drug Development Research, 2009, 70, 445-449.	1.4	1
61	High Throughput Screening and Structure-Activity Relationship Study of Potential α2A-Adrenoceptor Agonists by LANCETM cAMP Assay. Combinatorial Chemistry and High Throughput Screening, 2013, 16, 522-530.	0.6	1
62	CJX2, an amlodipine derivative, reverses p-glycoprotein-mediated multidrug-resistance in doxorubicin-resistant human myelogenous leukemia (K562/DOX) cells. Drug Development Research, 2005, 66, 278-285.	1.4	0
63	The effect of combined CJZ3, a lomerizine derivative, with verapamil on Pâ€glycoprotein efflux function in vitro. Drug Development Research, 2011, 72, 305-309.	1.4	0