

Qing-Chun Zhao

List of Publications by Year in descending order

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90
papers

2,066
citations

218677

26
h-index

302126

39
g-index

91
all docs

91
docs citations

91
times ranked

2455
citing authors

#	ARTICLE	IF	CITATIONS
1	Does music therapy enhance behavioral and cognitive function in elderly dementia patients? A systematic review and meta-analysis. <i>Ageing Research Reviews</i> , 2017, 35, 1-11.	10.9	159
2	Can music improve sleep quality in adults with primary insomnia? A systematic review and network meta-analysis. <i>International Journal of Nursing Studies</i> , 2018, 77, 189-196.	5.6	87
3	Novel ADAM-17 inhibitor ZLDI-8 enhances the in vitro and in vivo chemotherapeutic effects of Sorafenib on hepatocellular carcinoma cells. <i>Cell Death and Disease</i> , 2018, 9, 743.	6.3	80
4	PI3K/AKT/mTOR pathway-related long non-coding RNAs: roles and mechanisms in hepatocellular carcinoma. <i>Pharmacological Research</i> , 2020, 160, 105195.	7.1	78
5	Current Advances in Naturally Occurring Caffeoylquinic Acids: Structure, Bioactivity, and Synthesis. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 10489-10516.	5.2	61
6	Terfenadine combined with epirubicin impedes the chemo-resistant human non-small cell lung cancer both in vitro and in vivo through EMT and Notch reversal. <i>Pharmacological Research</i> , 2017, 124, 105-115.	7.1	57
7	Neuroprotective effects of Kukoamine B against hydrogen peroxide-induced apoptosis and potential mechanisms in SH-SY5Y cells. <i>Environmental Toxicology and Pharmacology</i> , 2015, 40, 230-240.	4.0	54
8	Novel ADAM-17 inhibitor ZLDI-8 inhibits the proliferation and metastasis of chemo-resistant non-small-cell lung cancer by reversing Notch and epithelial mesenchymal transition in vitro and in vivo. <i>Pharmacological Research</i> , 2019, 148, 104406.	7.1	52
9	Comparative efficacy and tolerability of probiotics for antibiotic-associated diarrhea: Systematic review with network meta-analysis. <i>United European Gastroenterology Journal</i> , 2018, 6, 169-180.	3.8	50
10	Neuroprotective effects of Kukoamine A on neurotoxin-induced Parkinson's model through apoptosis inhibition and autophagy enhancement. <i>Neuropharmacology</i> , 2017, 117, 352-363.	4.1	49
11	Anti-proliferative and pro-apoptotic activities of <i>Alpinia oxyphylla</i> on HepG2 cells through ROS-mediated signaling pathway. <i>Journal of Ethnopharmacology</i> , 2015, 169, 99-108.	4.1	47
12	A novel inhibitor of ADAM17 sensitizes colorectal cancer cells to 5-Fluorouracil by reversing Notch and epithelial mesenchymal transition in vitro and in vivo. <i>Cell Proliferation</i> , 2018, 51, e12480.	5.3	47
13	Neuroprotective effects of <i>Arctium lappa</i> L. roots against glutamate-induced oxidative stress by inhibiting phosphorylation of p38, JNK and ERK 1/2 MAPKs in PC12 cells. <i>Environmental Toxicology and Pharmacology</i> , 2014, 38, 189-198.	4.0	45
14	Effect of Mirror Therapy on Recovery of Stroke Survivors: A Systematic Review and Network Meta-analysis. <i>Neuroscience</i> , 2018, 390, 318-336.	2.3	45
15	Neuroprotective Effects of Kukoamine a against Radiation-induced Rat Brain Injury through Inhibition of Oxidative Stress and Neuronal Apoptosis. <i>Neurochemical Research</i> , 2016, 41, 2549-2558.	3.3	43
16	A comprehensive description of GluN2B-selective N-methyl-D-aspartate (NMDA) receptor antagonists. <i>European Journal of Medicinal Chemistry</i> , 2020, 200, 112447.	5.5	43
17	Caffeoylquinic acid derivatives from the roots of <i>Arctium lappa</i> L. (burdock) and their structure-activity relationships (SARs) of free radical scavenging activities. <i>Phytochemistry Letters</i> , 2016, 15, 159-163.	1.2	42
18	Design, synthesis and biological evaluation of harmine derivatives as potent GSK-3 β /DYRK1A dual inhibitors for the treatment of Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2021, 222, 113554.	5.5	40

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19	Protective Effects of <i>Arctium lappa</i> L. Roots Against Hydrogen Peroxide-Induced Cell Injury and Potential Mechanisms in SH-SY5Y Cells. <i>Cellular and Molecular Neurobiology</i> , 2015, 35, 335-344.	3.3	38
20	Improvement in Stroke-induced Motor Dysfunction by Music-supported Therapy: A Systematic Review and Meta-analysis. <i>Scientific Reports</i> , 2016, 6, 38521.	3.3	38
21	Progressive and Prognosis Value of Notch Receptors and Ligands in Hepatocellular Carcinoma: A Systematic Review and Meta-analysis. <i>Scientific Reports</i> , 2017, 7, 14809.	3.3	38
22	Neuroprotection by Kukoamine A against oxidative stress may involve N-methyl-d-aspartate receptors. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2015, 1850, 287-298.	2.4	37
23	Caffeoylquinic Acid Derivatives Protect SH-SY5Y Neuroblastoma Cells from Hydrogen Peroxide-Induced Injury Through Modulating Oxidative Status. <i>Cellular and Molecular Neurobiology</i> , 2017, 37, 499-509.	3.3	35
24	Role of metformin in overweight and obese people without diabetes: a systematic review and network meta-analysis. <i>European Journal of Clinical Pharmacology</i> , 2019, 75, 437-450.	1.9	31
25	Ethanol extract and its dichloromethane fraction of <i>Alpinia oxyphylla</i> Miquel exhibited hepatoprotective effects against CCl ₄ -induced oxidative damage in vitro and in vivo with the involvement of Nrf2. <i>Biomedicine and Pharmacotherapy</i> , 2017, 91, 812-822.	5.6	30
26	Kukoamine A Prevents Radiation-Induced Neuroinflammation and Preserves Hippocampal Neurogenesis in Rats by Inhibiting Activation of NF- κ B and AP-1. <i>Neurotoxicity Research</i> , 2017, 31, 259-268.	2.7	27
27	Pretreatment of MQA, a caffeoylquinic acid derivative compound, protects against H ₂ O ₂ -induced oxidative stress in SH-SY5Y cells. <i>Neurological Research</i> , 2016, 38, 1079-1087.	1.3	26
28	<i>Arctium lappa</i> L. roots ameliorates cerebral ischemia through inhibiting neuronal apoptosis and suppressing AMPK/mTOR-mediated autophagy. <i>Phytomedicine</i> , 2021, 85, 153526.	5.3	25
29	Cimigenoside functions as a novel β -secretase inhibitor and inhibits the proliferation or metastasis of human breast cancer cells by β -secretase/Notch axis. <i>Pharmacological Research</i> , 2021, 169, 105686.	7.1	25
30	Novel ADAM-17 inhibitor ZLDI-8 inhibits the metastasis of hepatocellular carcinoma by reversing epithelial-mesenchymal transition in vitro and in vivo. <i>Life Sciences</i> , 2020, 244, 117343.	4.3	24
31	Antitumor activity of two gelsemine metabolites in rat liver microsomes. <i>Journal of Asian Natural Products Research</i> , 2010, 12, 731-739.	1.4	23
32	Effect of active fraction of <i>Eriocaulon sieboldianum</i> on human leukemia K562 cells via proliferation inhibition, cell cycle arrest and apoptosis induction. <i>Environmental Toxicology and Pharmacology</i> , 2016, 43, 13-20.	4.0	23
33	In Silico Analyses for Key Genes and Molecular Genetic Mechanism in Epilepsy and Alzheimer's Disease. <i>CNS and Neurological Disorders - Drug Targets</i> , 2018, 17, 608-617.	1.4	23
34	Neuroprotective effects of Kukoamine A against cerebral ischemia via antioxidant and inactivation of apoptosis pathway. <i>Neurochemistry International</i> , 2017, 107, 191-197.	3.8	19
35	Design, synthesis and evaluation of some 1,6-disubstituted-1H-benzo[d]imidazoles derivatives targeted PI3K as anticancer agents. <i>Bioorganic Chemistry</i> , 2019, 93, 103283.	4.1	19
36	<i>Notopterygium incisum</i> extract (NRE) rescues cognitive deficits in APP/PS1 Alzheimer's disease mice by attenuating amyloid-beta, tau, and neuroinflammation pathology. <i>Journal of Ethnopharmacology</i> , 2020, 249, 112433.	4.1	19

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37	Compound <sc>MOA</sc>, a Caffeoylquinic Acid Derivative, Protects Against <sc>NMDA</sc>-Induced Neurotoxicity and Potential Mechanisms <i>In Vitro</i>. <i>CNS Neuroscience and Therapeutics</i> , 2015, 21, 575-584.	3.9	18
38	Amentoflavone ameliorates cold stress-induced inflammation in lung by suppression of C3/BCR/NF- κ B pathways. <i>BMC Immunology</i> , 2019, 20, 49.	2.2	18
39	A novel 4-aminoquinazoline derivative, DHW-208, suppresses the growth of human breast cancer cells by targeting the PI3K/AKT/mTOR pathway. <i>Cell Death and Disease</i> , 2020, 11, 491.	6.3	18
40	Can Kushen injection combined with TACE improve therapeutic efficacy and safety in patients with advanced HCC? a systematic review and network meta-analysis. <i>Oncotarget</i> , 2017, 8, 107258-107272.	1.8	18
41	Kukoamine B, an amide alkaloid, protects against NMDA-induced neurotoxicity and potential mechanisms in vitro. <i>Neurochemistry International</i> , 2015, 87, 66-76.	3.8	17
42	A natural BACE1 and GSK3 β dual inhibitor Notopterol effectively ameliorates the cognitive deficits in APP/PS1 Alzheimer's mice by attenuating amyloid β and tau pathology. <i>Clinical and Translational Medicine</i> , 2020, 10, e50.	4.0	17
43	Alpinia oxyphylla oil induces apoptosis of hepatocellular carcinoma cells via PI3K/Akt pathway in vitro and in vivo. <i>Biomedicine and Pharmacotherapy</i> , 2019, 109, 2365-2374.	5.6	15
44	Kukoamine A Protects against NMDA-Induced Neurotoxicity Accompanied with Down-Regulation of GluN2B-Containing NMDA Receptors and Phosphorylation of PI3K/Akt/GSK-3 β Signaling Pathway in Cultured Primary Cortical Neurons. <i>Neurochemical Research</i> , 2020, 45, 2703-2711.	3.3	15
45	Bioactive compounds of <i>Eriocaulon sieboldianum</i> blocking proliferation and inducing apoptosis of HepG2 cells might be involved in Aurora kinase inhibition. <i>Food and Function</i> , 2015, 6, 3746-3759.	4.6	14
46	Jiang Gui Fang activated interscapular brown adipose tissue and induced epididymal white adipose tissue browning through the PPAR β /SIRT1-PGC1 α pathway. <i>Journal of Ethnopharmacology</i> , 2020, 248, 112271.	4.1	14
47	Cinnamomum cassia extract promotes thermogenesis during exposure to cold via activation of brown adipose tissue. <i>Journal of Ethnopharmacology</i> , 2021, 266, 113413.	4.1	14
48	Design, synthesis, and biological evaluation of β -carboline 1,3,4-oxadiazole based hybrids as HDAC inhibitors with potential antitumor effects. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2022, 64, 128663.	2.2	14
49	Isoindolones from <i>Lasioisphaera fenzlii</i> <sc>Reich</sc>. and Their Bioactivities. <i>Helvetica Chimica Acta</i> , 2013, 96, 109-113.	1.6	13
50	Isolation, structure elucidation and neuroprotective effects of caffeoylquinic acid derivatives from the roots of <i>Arctium lappa</i> L.. <i>Phytochemistry</i> , 2020, 177, 112432.	2.9	13
51	Discovery of novel β -carboline derivatives as selective AChE inhibitors with GSK-3 β inhibitory property for the treatment of Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2022, 229, 114095.	5.5	13
52	Network pharmacology-based research uncovers cold resistance and thermogenesis mechanism of <i>Cinnamomum cassia</i> . <i>F\ddot{A}-toteraP\ddot{A}Ä</i> , 2021, 149, 104824.	2.2	12
53	Genetic polymorphisms in human UDP-glucuronosyltransferases 1A7 and the risk of gastrointestinal carcinomas: A systematic review and network meta-analysis. <i>Oncotarget</i> , 2017, 8, 66371-66381.	1.8	12
54	Efficacy and safety of donepezil for mild cognitive impairment: A systematic review and meta-analysis. <i>Clinical Neurology and Neurosurgery</i> , 2022, 213, 107134.	1.4	12

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55	Bioactive norditerpenoids and neolignans from the roots of <i>salvia miltiorrhiza</i> . <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 10050-10057.	2.8	11
56	Daurinoline suppressed the migration and invasion of chemo-resistant human non-small cell lung cancer cells by reversing EMT and Notch-1 and sensitized the cells to Taxol. <i>Environmental Toxicology and Pharmacology</i> , 2019, 66, 109-115.	4.0	11
57	Design, synthesis and cytotoxic evaluation of a novel series of benzo[d]thiazole-2-carboxamide derivatives as potential EGFR inhibitors. <i>Medicinal Chemistry Research</i> , 2017, 26, 2180-2189.	2.4	11
58	An integrated multi-omics approach revealed the regulation of melatonin on age-dependent mitochondrial function impair and lipid dyshomeostasis in mice hippocampus. <i>Pharmacological Research</i> , 2022, 179, 106210.	7.1	11
59	DHW-221, a Dual PI3K/mTOR Inhibitor, Overcomes Multidrug Resistance by Targeting P-Glycoprotein (P-gp/ABCB1) and Akt-Mediated FOXO3a Nuclear Translocation in Non-small Cell Lung Cancer. <i>Frontiers in Oncology</i> , 2022, 12, .	2.8	11
60	WLIP derived from <i>Lasiosphaera fenzlii</i> Reich exhibits anti-tumor activity and induces cell cycle arrest through PPAR- β associated pathways. <i>International Immunopharmacology</i> , 2014, 19, 37-44.	3.8	10
61	Neuroprotective effects of kukoamine A on 6-OHDA-induced Parkinson's model through apoptosis and iron accumulation inhibition. <i>Chinese Herbal Medicines</i> , 2021, 13, 105-115.	3.0	10
62	CK-3, A Novel Methylsulfonyl Pyridine Derivative, Suppresses Hepatocellular Carcinoma Proliferation and Invasion by Blocking the PI3K/AKT/mTOR and MAPK/ERK Pathways. <i>Frontiers in Oncology</i> , 2021, 11, 717626.	2.8	9
63	Identification of New Potent Human Uncoupling Protein 1 (UCP1) Agonists Using Virtual Screening and <i>in vitro</i> Approaches. <i>Molecular Informatics</i> , 2019, 38, e1900030.	2.5	8
64	Design, synthesis and biological evaluation of 1-benzyl-5-oxopyrrolidine-2-carboximidamide derivatives as novel neuroprotective agents. <i>European Journal of Medicinal Chemistry</i> , 2019, 182, 111654.	5.5	8
65	Practice guidance for the use of terlipressin for liver cirrhosis-related complications. <i>Therapeutic Advances in Gastroenterology</i> , 2022, 15, 175628482210982.	3.2	8
66	Comparative efficacy and safety of multiple antiplatelet therapies for secondary prevention of ischemic stroke or transient ischemic attack: A network meta-analysis. <i>Journal of the Neurological Sciences</i> , 2019, 399, 199-206.	0.6	7
67	Diagnostic accuracy and prognostic significance of osteopontin in liver cirrhosis and hepatocellular carcinoma: a Meta-analysis. <i>Biomarkers</i> , 2022, 27, 13-21.	1.9	7
68	Evodiamine: A Privileged Structure with Broad-ranging Biological Activities. <i>Mini-Reviews in Medicinal Chemistry</i> , 2022, 22, 2680-2701.	2.4	7
69	Isoindolone derivative QSN-10c induces leukemic cell apoptosis and suppresses angiogenesis via PI3K/AKT signaling pathway inhibition. <i>Acta Pharmacologica Sinica</i> , 2014, 35, 625-635.	6.1	6
70	Does coffee, tea and caffeine consumption reduce the risk of incident breast cancer? A systematic review and network meta-analysis. <i>Public Health Nutrition</i> , 2021, 24, 6377-6389.	2.2	6
71	DCMQA, a caffeoylquinic acid derivative alleviates NMDA-induced neurotoxicity via modulating GluN2A and GluN2B-containing NMDA receptors <i>in vitro</i> . <i>Toxicology in Vitro</i> , 2020, 67, 104888.	2.4	6
72	Non-alkaloids extract from <i>Stemona sessilifolia</i> enhances the activity of chemotherapeutic agents through P-glycoprotein-mediated multidrug-resistant cancer cells. <i>Natural Product Research</i> , 2016, 30, 1186-1189.	1.8	5

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73	Design, synthesis and biological activities of N-(furan-2-ylmethyl)-1H-indole-3-carboxamide derivatives as epidermal growth factor receptor inhibitors and anticancer agents. <i>Chemical Research in Chinese Universities</i> , 2017, 33, 365-372.	2.6	5
74	Study on the experimental verification and regulatory mechanism of Rougui-Ganjiang herb-pair for the actions of thermogenesis in brown adipose tissue based on network pharmacology. <i>Journal of Ethnopharmacology</i> , 2021, 279, 114378.	4.1	5
75	Facile synthesis of C1-substituted \hat{I}^2 -carbolines as CDK4 inhibitors for the treatment of cancer. <i>Bioorganic Chemistry</i> , 2022, 121, 105659.	4.1	5
76	ZDQ-0620, a Novel Phosphatidylinositol 3-Kinase Inhibitor, Inhibits Colorectal Carcinoma Cell Proliferation and Suppresses Angiogenesis by Attenuating PI3K/AKT/mTOR Pathway. <i>Frontiers in Oncology</i> , 2022, 12, 848952.	2.8	5
77	Discovery of novel tacrine derivatives as potent antiproliferative agents with CDKs inhibitory property. <i>Bioorganic Chemistry</i> , 2022, 126, 105875.	4.1	5
78	NSCA-1â€”a novel N-substituted coumalamide derivativeâ€”increases Adriamycin sensitivity in HepG2/adriamycin cells through modulating Akt/GSK-3 \hat{I}^2 signaling and p53-dependant apoptotic pathway. <i>Environmental Toxicology and Pharmacology</i> , 2017, 49, 1-7.	4.0	4
79	Efficacy and Safety of Bevacizumab Plus Oxaliplatin- or Irinotecan-Based Doublet Backbone Chemotherapy as the First-Line Treatment of Metastatic Colorectal Cancer: A Systematic Review and Meta-analysis. <i>Drug Safety</i> , 2021, 44, 29-40.	3.2	4
80	Dual blocking of PI3K and mTOR signaling by DHWâ€”21, a novel benzimidazole derivative, exerts antitumor activity in human nonâ€”small cell lung cancer. <i>Clinical and Translational Medicine</i> , 2021, 11, e514.	4.0	4
81	DZW-310, a novel phosphoinositide 3-kinase inhibitor, attenuates the angiogenesis and growth of hepatocellular carcinoma cells via PI3K/AKT/mTOR axis. <i>Biochemical Pharmacology</i> , 2022, 201, 115093.	4.4	4
82	1,5-O-Dicaffeoyl-quinic Acid as a Novel Potential NMDA Receptor Inhibitor from Traditional Chinese Medicine Database by Virtual Screening. <i>Chinese Herbal Medicines</i> , 2016, 8, 366-370.	3.0	3
83	TCQA, A Natural Caffeoylquinic Acid Derivative Attenuates H ₂ O ₂ -Induced Neuronal Apoptosis by Suppressing Phosphorylation of MAPKs Signaling Pathway. <i>Planta Medica</i> , 2021, . .	1.3	3
84	Discovery of novel benzofuro[3,2-b]quinoline derivatives as dual CDK2/Topo I inhibitors. <i>Bioorganic Chemistry</i> , 2022, 126, 105870.	4.1	3
85	ZW290 Increases Cold Tolerance by Inducing Thermogenesis <i>via</i> the Upregulation of Uncoupling Protein 1 in Brown Adipose Tissue <i>In Vitro</i> and <i>In Vivo</i> . <i>Lipids</i> , 2019, 54, 265-276.	1.7	2
86	The overlap between Alzheimer's disease and epilepsy uncovered by transcriptome sequencing. <i>Clinical and Translational Medicine</i> , 2020, 10, e169.	4.0	2
87	The effects and the mechanisms of naringenin from <i>Artemisia ordosica</i> Krasch on allergic rhinitis based on mast cell degranulation model and network pharmacology. <i>Journal of Pharmacy and Pharmacology</i> , 2022, 74, 397-408.	2.4	2
88	DHW-208, A Novel Phosphatidylinositol 3-Kinase (PI3K) Inhibitor, Has Anti-Hepatocellular Carcinoma Activity Through Promoting Apoptosis and Inhibiting Angiogenesis. <i>Frontiers in Oncology</i> , 0, 12, .	2.8	2
89	Discovery of novel \hat{I}^2 -carboline derivatives as glycogen synthase kinaseâ€” \hat{I}^2 inhibitors for the treatment of Alzheimer's disease. <i>Archiv Der Pharmazie</i> , 2022, 355, .	4.1	1
90	Notopterygium incisum Root Extract (NRE) Alleviates Epileptiform Symptoms in PTZ-Induced Acute Seizure Mice. <i>CNS and Neurological Disorders - Drug Targets</i> , 2023, 22, 774-783.	1.4	0