

Qing-Wen Zhang

List of Publications by Year in descending order

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106
papers

3,927
citations

117453

34
h-index

138251

58
g-index

111
all docs

111
docs citations

111
times ranked

5670
citing authors

#	ARTICLE	IF	CITATIONS
1	Techniques for extraction and isolation of natural products: a comprehensive review. Chinese Medicine, 2018, 13, 20.	1.6	932
2	Curcumin-loaded solid lipid nanoparticles have prolonged in vitro antitumour activity, cellular uptake and improved in vivo bioavailability. Colloids and Surfaces B: Biointerfaces, 2013, 111, 367-375.	2.5	220
3	Coptidis rhizoma and its main bioactive components: recent advances in chemical investigation, quality evaluation and pharmacological activity. Chinese Medicine, 2018, 13, 13.	1.6	146
4	Targeted depletion of tumour-associated macrophages by an alendronate-glucomannan conjugate for cancer immunotherapy. Biomaterials, 2014, 35, 10046-10057.	5.7	130
5	A Review of the Pharmacological Effects of the Dried Root of <i>Polygonum cuspidatum</i> (Hu Zhang) and Its Constituents. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-13.	0.5	76
6	±-Glucosidase Inhibitory Effect and Simultaneous Quantification of Three Major Flavonoid Glycosides in <i>Microctis folium</i> . Molecules, 2013, 18, 4221-4232.	1.7	69
7	Virosaines A and B, Two New Birdcage-Shaped <i>Securinega</i> Alkaloids with an Unprecedented Skeleton from <i>Flueggea virosa</i> . Organic Letters, 2012, 14, 3096-3099.	2.4	67
8	Anti-tumor potential of ethanol extract of <i>Curcuma phaeocaulis</i> Valetton against breast cancer cells. Phytomedicine, 2011, 18, 1238-1243.	2.3	66
9	2-Methoxy-6-acetyl-7-methyljuglone (MAM), a natural naphthoquinone, induces NO-dependent apoptosis and necroptosis by H ₂ O ₂ -dependent JNK activation in cancer cells. Free Radical Biology and Medicine, 2016, 92, 61-77.	1.3	61
10	Comparative study on saponin fractions from <i>Panax notoginseng</i> inhibiting inflammation-induced endothelial adhesion molecule expression and monocyte adhesion. Chinese Medicine, 2011, 6, 37.	1.6	57
11	Ruthenium-Catalyzed Direct Asymmetric Reductive Amination of Diaryl and Sterically Hindered Ketones with Ammonium Salts and H ₂ . Angewandte Chemie - International Edition, 2020, 59, 5321-5325.	7.2	56
12	Xanthonones, A Promising Anti-Inflammatory Scaffold: Structure, Activity, and Drug Likeness Analysis. Molecules, 2020, 25, 598.	1.7	55
13	Flavonoids with ±-glucosidase inhibitory activities and their contents in the leaves of <i>Morus atropurpurea</i> . Chinese Medicine, 2013, 8, 19.	1.6	54
14	Preparative isolation and purification of six volatile compounds from essential oil of <i>Curcuma wenyujin</i> using high-performance centrifugal partition chromatography. Journal of Separation Science, 2010, 33, 1658-1664.	1.3	53
15	High-capacity thermo-responsive magnetic molecularly imprinted polymers for selective extraction of curcuminoids. Journal of Chromatography A, 2014, 1354, 1-8.	1.8	52
16	Synthesis of an AIEgen functionalized cucurbit[7]uril for subcellular bioimaging and synergistic photodynamic therapy and supramolecular chemotherapy. Chemical Science, 2021, 12, 7727-7734.	3.7	52
17	Ganoderiol A-Enriched Extract Suppresses Migration and Adhesion of MDA-MB-231 Cells by Inhibiting FAK-SRC-Paxillin Cascade Pathway. PLoS ONE, 2013, 8, e76620.	1.1	52
18	Chemical Investigation of Saponins in Different Parts of <i>Panax notoginseng</i> by Pressurized Liquid Extraction and Liquid Chromatography-Electrospray Ionization-Tandem Mass Spectrometry. Molecules, 2012, 17, 5836-5853.	1.7	51

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19	Triterpenoids from <i>Cyclocarya paliurus</i> and their inhibitory effect on the secretion of apolipoprotein B48 in Caco-2 cells. <i>Phytochemistry</i> , 2017, 142, 76-84.	1.4	49
20	In vitro glucuronidation of five rhubarb anthraquinones by intestinal and liver microsomes from humans and rats. <i>Chemico-Biological Interactions</i> , 2014, 219, 18-27.	1.7	48
21	FlavoneC-glycosides from the Leaves of <i>Lophatherum gracile</i> and Their In Vitro Antiviral Activity. <i>Planta Medica</i> , 2012, 78, 46-51.	0.7	45
22	Characterization and immunoregulatory activity of two polysaccharides from the root of <i>Ilex asprella</i> . <i>Carbohydrate Polymers</i> , 2018, 197, 9-16.	5.1	44
23	The chloroform extract of <i>Cyclocarya paliurus</i> attenuates high-fat diet induced non-alcoholic hepatic steatosis in Sprague Dawley rats. <i>Phytomedicine</i> , 2016, 23, 1475-1483.	2.3	43
24	Î±-Glucosidase inhibitory activity and structural characterization of polysaccharide fraction from <i>Rhynchosia minima</i> root. <i>Journal of Functional Foods</i> , 2017, 28, 76-82.	1.6	43
25	Simultaneous Quantification of Three Curcuminoids and Three Volatile Components of <i>Curcuma longa</i> Using Pressurized Liquid Extraction and High-Performance Liquid Chromatography. <i>Molecules</i> , 2018, 23, 1568.	1.7	43
26	Rapid simultaneous determination of isoflavones in <i>Radix puerariae</i> using high-performance liquid chromatography-triple quadrupole mass spectrometry with novel shell-type column. <i>Journal of Separation Science</i> , 2011, 34, 2576-2585.	1.3	42
27	Norditerpenoids and Dinorditerpenoids from the Seeds of <i>Podocarpus nagi</i> as Cytotoxic Agents and Autophagy Inducers. <i>Journal of Natural Products</i> , 2017, 80, 2110-2117.	1.5	42
28	Pro-angiogenic activity of notoginsenoside R1 in human umbilical vein endothelial cells in vitro and in a chemical-induced blood vessel loss model of zebrafish in vivo. <i>Chinese Journal of Integrative Medicine</i> , 2016, 22, 420-429.	0.7	40
29	Optimizing Ultrapformance Liquid Chromatographic Analysis of 10 Diterpenoid Compounds in <i>Salvia miltiorrhiza</i> Using Central Composite Design. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 1164-1171.	2.4	39
30	Six new monoterpene indole alkaloids from the aerial part of <i>Gelsemium elegans</i> . <i>Tetrahedron</i> , 2011, 67, 4807-4813.	1.0	38
31	Simultaneous quantification of major flavonoids in "Bawanghwa", the edible flower of <i>Hylocereus undatus</i> using pressurised liquid extraction and high performance liquid chromatography. <i>Food Chemistry</i> , 2012, 135, 528-533.	4.2	38
32	A novel agent exerts antitumor activity in breast cancer cells by targeting mitochondrial complex II. <i>Oncotarget</i> , 2016, 7, 32054-32064.	0.8	38
33	Nitric oxide inhibitory xanthenes from the pericarps of <i>Garcinia mangostana</i> . <i>Phytochemistry</i> , 2016, 131, 115-123.	1.4	38
34	Encapsulation of Vitamin B ₁ and Its Phosphate Derivatives by Cucurbit[7]uril: Tunability of the Binding Site and Affinity by the Presence of Phosphate Groups. <i>Journal of Organic Chemistry</i> , 2016, 81, 1300-1303.	1.7	38
35	Four new triterpenoids from the leaves of <i>Psidium guajava</i> . <i>Journal of Asian Natural Products Research</i> , 2012, 14, 348-354.	0.7	32
36	A Naturally Derived, Growth Factor-Binding Polysaccharide for Therapeutic Angiogenesis. <i>ACS Macro Letters</i> , 2016, 5, 617-621.	2.3	32

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37	Naturally occurring furanoditerpenoids: distribution, chemistry and their pharmacological activities. <i>Phytochemistry Reviews</i> , 2017, 16, 235-270.	3.1	32
38	Ervadivamines A and B, Two Unusual Trimeric Monoterpenoid Indole Alkaloids from <i>Ervatamia divaricata</i> . <i>Journal of Organic Chemistry</i> , 2018, 83, 10613-10618.	1.7	32
39	New enantiomeric isoquinoline alkaloids from <i>Coptis chinensis</i> . <i>Phytochemistry Letters</i> , 2014, 7, 89-92.	0.6	30
40	A Novel Danshensu Derivative Prevents Cardiac Dysfunction and Improves the Chemotherapeutic Efficacy of Doxorubicin in Breast Cancer Cells. <i>Journal of Cellular Biochemistry</i> , 2016, 117, 94-105.	1.2	29
41	Metabolic differentiations of <i>Pueraria lobata</i> and <i>Pueraria thomsonii</i> using ¹ H NMR spectroscopy and multivariate statistical analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 93, 51-58.	1.4	28
42	Isolation and Structures of Axistatins 1â€“3 from the Republic of Palau Marine Sponge <i>Agelas axifera</i> Hentschel. <i>Journal of Natural Products</i> , 2013, 76, 420-424.	1.5	27
43	Chikusetsusaponin IVa methyl ester induces G1 cell cycle arrest, triggers apoptosis and inhibits migration and invasion in ovarian cancer cells. <i>Phytomedicine</i> , 2016, 23, 1555-1565.	2.3	27
44	SIMULTANEOUS DETERMINATION OF EIGHT FLAVONOIDS AND POGOSTONE IN <i>POGOSTEMON CABLIN</i> BY HIGH PERFORMANCE LIQUID CHROMATOGRAPHY. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2014, 37, 1771-1784.	0.5	23
45	Antiviral benzofurans from <i>Eupatorium chinense</i> . <i>Phytochemistry</i> , 2016, 122, 238-245.	1.4	23
46	Structure Based Design of		

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55	Preparation and Application of Standardized Typical Volatile Components Fraction from Turmeric (<i>Curcuma longa</i> L.) by Supercritical Fluid Extraction and Step Molecular Distillation. <i>Molecules</i> , 2018, 23, 1831.	1.7	19
56	Leocarpinolide B attenuates LPS-induced inflammation on RAW264.7 macrophages by mediating NF- κ B and Nrf2 pathways. <i>European Journal of Pharmacology</i> , 2020, 868, 172854.	1.7	19
57	A novel strategy for rapid quantification of 20(<i>S</i>)-protopanaxatriol and 20(<i>S</i>)-protopanaxadiol saponins in <i>Panax notoginseng</i> <i>P. ginseng</i> and <i>P. quinquefolium</i> . <i>Natural Product Research</i> , 2015, 29, 46-52.	1.0	18
58	Ultrasound-Assisted Extraction, Antioxidant and Anticancer Activities of the Polysaccharides from <i>Rhynchosia minima</i> Root. <i>Molecules</i> , 2015, 20, 20901-20911.	1.7	17
59	SEPARATION AND PURIFICATION OF 5 SAPONINS FROM <i>Panax Notoginseng</i> BY PREPARATIVE HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2013, 36, 406-417.	0.5	16
60	Meloslines A and B, two novel indole alkaloids from <i>Alstonia scholaris</i> . <i>Tetrahedron Letters</i> , 2017, 58, 2740-2742.	0.7	16
61	5,6-Didehydroginsenosides from the Roots of <i>Panax notoginseng</i> . <i>Molecules</i> , 2010, 15, 8169-8176.	1.7	15
62	Novel biflavonoids from <i>Cephalotaxus oliveri</i> Mast.. <i>Phytochemistry Letters</i> , 2018, 24, 150-153.	0.6	15
63	A Review of the Botany, Phytochemical, and Pharmacological Properties of Galangal. , 2018, , 351-396.		15
64	Hunterines A-C, Three Unusual Monoterpenoid Indole Alkaloids from <i>Hunteria zeylanica</i> . <i>Journal of Organic Chemistry</i> , 2019, 84, 14892-14897.	1.7	15
65	Natural alkaloid 8-oxo-epiberberine inhibited TGF- β 1-triggered epithelial-mesenchymal transition by interfering Smad3. <i>Toxicology and Applied Pharmacology</i> , 2020, 404, 115179.	1.3	15
66	Quality Evaluation of Semen Oroxyli through Simultaneous Quantification of 13 Components by High Performance Liquid Chromatography. <i>Current Pharmaceutical Analysis</i> , 2012, 8, 206-213.	0.3	15
67	Two new anthraquinone malonylglucosides from <i>Polygonum cuspidatum</i> . <i>Natural Product Research</i> , 2012, 26, 1323-1327.	1.0	14
68	A Novel Strategy for Quantitative Analysis of Major Ginsenosides in <i>Panax Japonici</i> Rhizoma with a Standardized Reference Fraction. <i>Molecules</i> , 2017, 22, 2067.	1.7	14
69	New triterpenoid saponins from the aerial parts of <i>Schefflera kwangsiensis</i> . <i>Carbohydrate Research</i> , 2014, 385, 65-71.	1.1	13
70	C21 steroidal glycosides from <i>Cynanchum stauntonii</i> induce apoptosis in HepG2 cells. <i>Steroids</i> , 2016, 106, 55-61.	0.8	13
71	New Isoflavone C-Glycosides from <i>Pueraria lobata</i> . <i>Helvetica Chimica Acta</i> , 2011, 94, 423-428.	1.0	12
72	Cytotoxic and apoptosis-inducing activity of C21 steroids from the roots of <i>Cynanchum atratum</i> . <i>Steroids</i> , 2017, 122, 1-8.	0.8	12

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73	Ruthenium-catalyzed Direct Asymmetric Reductive Amination of Diaryl and Sterically Hindered Ketones with Ammonium Salts and H ₂ . <i>Angewandte Chemie</i> , 2020, 132, 5359-5363.	1.6	12
74	A New Pregnane and a New Diphenylmethane from the Root Barks of <i>Periploca sepium</i> . <i>Helvetica Chimica Acta</i> , 2007, 90, 1581-1585.	1.0	11
75	Honokiol: A naturally occurring lignan with pleiotropic bioactivities. <i>Chinese Journal of Natural Medicines</i> , 2021, 19, 481-490.	0.7	11
76	New cycloartane triterpene glycosides from <i>Thalictrum ramosum</i> . <i>Phytochemistry Letters</i> , 2016, 15, 108-112.	0.6	10
77	Supramolecular nanomedicine for selective cancer therapy via sequential responsiveness to reactive oxygen species and glutathione. <i>Biomaterials Science</i> , 2021, 9, 1355-1362.	2.6	10
78	Preparative Separation of Patchouli Alcohol from Patchouli Oil Using High Performance Centrifugal Partition Chromatography. <i>Journal of Essential Oil Research</i> , 2011, 23, 19-24.	1.3	9
79	Design, Synthesis and Anti-Platelet Aggregation Activity Study of Ginkgolide-1,2,3-triazole Derivatives. <i>Molecules</i> , 2019, 24, 2156.	1.7	9
80	Dimeric Diarylheptanoids with Neuroprotective Activities from Rhizomes of <i>Alpinia officinarum</i> . <i>ACS Omega</i> , 2020, 5, 10167-10175.	1.6	9
81	Ethanol extract of <i>Ophiorrhiza pumila</i> suppresses liver cancer cell proliferation and migration. <i>Chinese Medicine</i> , 2020, 15, 11.	1.6	9
82	Two new saponins from <i>Thalictrum fortunei</i> . <i>Journal of Asian Natural Products Research</i> , 2012, 14, 327-332.	0.7	8
83	New cycloartane glycosides from the aerial part of <i>Thalictrum fortunei</i> . <i>Journal of Natural Medicines</i> , 2013, 67, 375-380.	1.1	8
84	Isolation and Identification of Antiarthritic Constituents from <i>Glycyne tabacina</i> and Network Pharmacology-Based Prediction of Their Protective Mechanisms against Rheumatoid Arthritis. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 10664-10677.	2.4	8
85	A New Cycloartane Saponin from <i>Cimicifuga acerina</i> . <i>Journal of Asian Natural Products Research</i> , 1999, 2, 45-49.	0.7	7
86	Effects of chromatographic conditions and mass spectrometric parameters on the ionization and fragmentation of triterpene saponins of <i>Ilex asprella</i> in liquid chromatography-mass spectrometry analysis. <i>Journal of Chromatography A</i> , 2019, 1608, 460418.	1.8	7
87	Highly stable and bright fluorescent chlorinated polymer dots for cellular imaging. <i>New Journal of Chemistry</i> , 2019, 43, 2540-2549.	1.4	7
88	Bioactive Limonoids and Triterpenoids from the Fruits of <i>Melia azedarach</i> . <i>Journal of Natural Products</i> , 2020, 83, 3502-3510.	1.5	7
89	Chlorination vs. fluorination: a study of halogenated benzo[1,2,5]thiadiazole-based organic semiconducting dots for near-infrared cellular imaging. <i>New Journal of Chemistry</i> , 2020, 44, 7740-7748.	1.4	7
90	Simultaneous Determination of Six Saponins in <i>Panax japonici</i> Rhizoma Using Quantitative Analysis of Multi-Components with Single-Marker Method. <i>Current Pharmaceutical Analysis</i> , 2017, 13, 289-295.	0.3	7

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91	Preparative separation of four sesquiterpenoids from <i>Curcuma longa</i> by high-speed counter-current chromatography. <i>Separation Science and Technology</i> , 2017, 52, 497-503.	1.3	6
92	Anti-proliferative cassane-type diterpenoids from the seeds of <i>Caesalpinia minax</i> . <i>Natural Product Research</i> , 2022, 36, 932-941.	1.0	6
93	Simultaneous Determination of α -Glucosidase Inhibitory Triterpenoids in <i>Psidium guajava</i> Using HPLC-ELSD and Pressurized Liquid Extraction. <i>Molecules</i> , 2020, 25, 1278.	1.7	6
94	Cucurbit[8]uril-based supramolecular hydrogels for biomedical applications. <i>RSC Medicinal Chemistry</i> , 2021, 12, 722-729.	1.7	6
95	Leucine-zipper and Sterile- α Motif Kinase (ZAK): A Potential Target for Drug Discovery. <i>Current Medicinal Chemistry</i> , 2016, 23, 3801-3812.	1.2	6
96	A novel 12, 23-epoxy dammarane saponin from <i>Panax notoginseng</i> . <i>Chinese Journal of Natural Medicines</i> , 2015, 13, 303-306.	0.7	5
97	Four new norlignan glycoside isomers from the twigs of <i>Cephalotaxus oliveri</i> Mast.. <i>Tetrahedron: Asymmetry</i> , 2017, 28, 1686-1689.	1.8	5
98	Comparison for quantification of eight components in <i>Alpinia officinarum</i> Hance by using high-performance liquid chromatography coupled with diode array detector and charged aerosol detector with individual and substitute reference compound. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 210, 114545.	1.4	4
99	Phenolic Derivatives from the Root Bark of <i>Oplopanax horridus</i> . <i>Helvetica Chimica Acta</i> , 2015, 98, 201-209.	1.0	3
100	Cablinosides A and B, Two Glycosidic Phenylacetic Acid Derivatives from the Leaves of <i>Pogostemon cablin</i> . <i>Chemistry and Biodiversity</i> , 2019, 16, e1900137.	1.0	3
101	Triterpenoids from the fruits of <i>Melia azedarach</i> L. and their cytotoxic activities. <i>Phytochemistry</i> , 2022, 201, 113280.	1.4	3
102	Application of High-Speed Counter-Current Chromatography Preparative Separation of Flavone-C-Glycosides From <i>Lophatherum gracile</i> . <i>Separation Science and Technology</i> , 2013, 48, 1906-1912.	1.3	2
103	Eleven New Triterpenoid Glycosides from the Roots of <i>Ilex asprella</i> . <i>Chemistry and Biodiversity</i> , 2019, 16, e1900202.	1.0	2
104	Identification and quantification of markers in <i>Azedarach Fructus</i> and <i>Toosendan Fructus</i> . <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 202, 114173.	1.4	2
105	Biflavonoids from the twigs and leaves of <i>Cephalotaxus oliveri</i> Mast. and their α -glucosidase inhibitory activity. <i>Natural Product Research</i> , 2022, 36, 3085-3094.	1.0	2
106	Discovery of Three New Monoterpenoid Indole Alkaloids from the Leaves of <i>Gardneria multiflora</i> and Their Vasorelaxant and AChE Inhibitory Activities. <i>Molecules</i> , 2021, 26, 7191.	1.7	2