

# Qiu-Hong Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

94  
papers

2,289  
citations

236925

25  
h-index

276875

41  
g-index

102  
all docs

102  
docs citations

102  
times ranked

3059  
citing authors

#	ARTICLE	IF	CITATIONS
1	Naturally derived anti-inflammatory compounds from Chinese medicinal plants. <i>Journal of Ethnopharmacology</i> , 2013, 146, 9-39.	4.1	191
2	Anti-diabetic polysaccharides from natural sources: A review. <i>Carbohydrate Polymers</i> , 2016, 148, 86-97.	10.2	191
3	Tangeretin exerts anti-neuroinflammatory effects via NF- $\kappa$ B modulation in lipopolysaccharide-stimulated microglial cells. <i>International Immunopharmacology</i> , 2014, 19, 275-282.	3.8	82
4	Transition metal-catalyzed sp <sup>3</sup> C-H activation and intramolecular C-N coupling to construct nitrogen heterocyclic scaffolds. <i>Chemical Communications</i> , 2019, 55, 13048-13065.	4.1	82
5	Clinical application and mechanism of traditional Chinese medicine in treatment of lung cancer. <i>Chinese Medical Journal</i> , 2020, 133, 2987-2997.	2.3	68
6	Botany, traditional uses, phytochemistry, analytical methods, processing, pharmacology and pharmacokinetics of <i>Bupleuri Radix</i> : A systematic review. <i>Biomedicine and Pharmacotherapy</i> , 2020, 131, 110679.	5.6	63
7	Purification, characterization and immunomodulatory effects of <i>Plantago depressa</i> polysaccharides. <i>Carbohydrate Polymers</i> , 2014, 112, 63-72.	10.2	62
8	The treatment of Alzheimer's disease using Chinese Medicinal Plants: From disease models to potential clinical applications. <i>Journal of Ethnopharmacology</i> , 2014, 152, 403-423.	4.1	57
9	Structural studies of an arabinan from the stems of <i>Ephedra sinica</i> by methylation analysis and 1D and 2D NMR spectroscopy. <i>Carbohydrate Polymers</i> , 2015, 121, 449-456.	10.2	56
10	Danggui-Shaoyao-San: New Hope for Alzheimer's Disease. , 2016, 7, 502.		50
11	Taxifolin Activates the Nrf2 Anti-Oxidative Stress Pathway in Mouse Skin Epidermal JB6 P+ Cells through Epigenetic Modifications. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1546.	4.1	47
12	The Progress of Metabolomics Study in Traditional Chinese Medicine Research. <i>The American Journal of Chinese Medicine</i> , 2015, 43, 1281-1310.	3.8	44
13	A pure polysaccharide from <i>Ephedra sinica</i> treating on arthritis and inhibiting cytokines expression. <i>International Journal of Biological Macromolecules</i> , 2016, 86, 177-188.	7.5	44
14	Optimization of polysaccharides extraction from seeds of <i>Pharbitis nil</i> and its anti-oxidant activity. <i>Carbohydrate Polymers</i> , 2014, 102, 460-466.	10.2	42
15	<i>Valeriana amurensis</i> improves Amyloid-beta 1-42 induced cognitive deficit by enhancing cerebral cholinergic function and protecting the brain neurons from apoptosis in mice. <i>Journal of Ethnopharmacology</i> , 2014, 153, 318-325.	4.1	38
16	An integrative metabolomics and network pharmacology method for exploring the effect and mechanism of <i>Radix Bupleuri</i> and <i>Radix Paeoniae Alba</i> on anti-depression. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 189, 113435.	2.8	34
17	Withanolide Compounds from the Flower of <i>Datura metel</i> L.. <i>Helvetica Chimica Acta</i> , 2007, 90, 1522-1528.	1.6	32
18	Baimantuoluolines, Three New Withanolides from the Flower of <i>Datura metel</i> L.. <i>Helvetica Chimica Acta</i> , 2008, 91, 964-971.	1.6	32

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19	Compounds from the Roots and Rhizomes of <i>Valeriana amurensis</i> Protect against Neurotoxicity in PC12 Cells. <i>Molecules</i> , 2012, 17, 15013-15021.	3.8	32
20	Discovering the Major Antitussive, Expectorant, and Anti-Inflammatory Bioactive Constituents in <i>Tussilago farfara</i> L. Based on the Spectrum-Effect Relationship Combined with Chemometrics. <i>Molecules</i> , 2020, 25, 620.	3.8	32
21	Five Withanolides from the Leaves of <i>Datura metel</i> L. and Their Inhibitory Effects on Nitric Oxide Production. <i>Molecules</i> , 2014, 19, 4548-4559.	3.8	31
22	Phytochemistry and biosynthesis of $\delta$ -lactone withanolides. <i>Phytochemistry Reviews</i> , 2016, 15, 771-797.	6.5	29
23	Rapid determination and origin identification of total polysaccharides contents in <i>Schisandra chinensis</i> by near-infrared spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 264, 120327.	3.9	28
24	Isolation and screened neuroprotective active constituents from the roots and rhizomes of <i>Valeriana amurensis</i> . <i>FÄ-toterapÄ-Ät</i> , 2014, 96, 48-55.	2.2	27
25	Screening and comparison of antioxidant activities of polysaccharides from <i>Coriolus versicolor</i> . <i>International Journal of Biological Macromolecules</i> , 2014, 69, 12-19.	7.5	27
26	New phenylpropanoid derivatives from the fruits of <i>Xanthium sibiricum</i> and their anti-inflammatory activity. <i>FÄ-toterapÄ-Ät</i> , 2017, 117, 11-15.	2.2	26
27	Two new ent-atisanes from the root of <i>Euphorbia fischeriana</i> Steud.. <i>Natural Product Research</i> , 2016, 30, 144-149.	1.8	25
28	Pharmacological Effect of <i>Caulophyllum robustum</i> on Collagen-Induced Arthritis and Regulation of Nitric Oxide, NF- $\kappa$ B, and Proinflammatory Cytokines In Vivo and In Vitro. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017, 2017, 1-12.	1.2	25
29	Systems pharmacology to investigate the interaction of berberine and other drugs in treating polycystic ovary syndrome. <i>Scientific Reports</i> , 2016, 6, 28089.	3.3	24
30	Cardioprotective effect of the xanthenes from <i>Gentianella acuta</i> against myocardial ischemia/reperfusion injury in isolated rat heart. <i>Biomedicine and Pharmacotherapy</i> , 2017, 93, 626-635.	5.6	24
31	Simultaneous Determination of Aesculin, Aesculetin, Fraxetin, Fraxin and Polydatin in Beagle Dog Plasma by UPLC-ESI-MS/MS and Its Application in a Pharmacokinetic Study after Oral Administration Extracts of <i>Ledum palustre</i> L.. <i>Molecules</i> , 2018, 23, 2285.	3.8	23
32	<i>Paeoniae radix alba</i> polysaccharides obtained via optimized extraction treat experimental autoimmune hepatitis effectively. <i>International Journal of Biological Macromolecules</i> , 2020, 164, 1554-1564.	7.5	23
33	Spectrum-Effect Relationships between Fingerprints of <i>Caulophyllum robustum</i> Maxim and Inhabited Pro-Inflammation Cytokine Effects. <i>Molecules</i> , 2017, 22, 1826.	3.8	22
34	Development of an analytical method for separation of phenolic acids by ultra-performance convergence chromatography (UPC 2 ) using a column packed with a sub-2- $\mu$ m particle. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 153, 117-125.	2.8	22
35	A review of the botany, traditional uses, phytochemistry, and pharmacology of the Flos Inulae. <i>Journal of Ethnopharmacology</i> , 2021, 276, 114125.	4.1	21
36	Antibacterial and Anti-Inflammatory Activities of <i>Physalis Alkekengi</i> var. <i>franchetii</i> and Its Main Constituents. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016, 2016, 1-10.	1.2	20

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37	Inhibitory Effects of Columbianadin on Nociceptive Behaviors in a Neuropathic Pain Model, and on Voltage-Gated Calcium Currents in Dorsal Root Ganglion Neurons in Mice. <i>Frontiers in Pharmacology</i> , 2019, 10, 1522.	3.5	20
38	Determination and pharmacokinetic study of two triterpenoid saponins in rat plasma after oral administration of the extract of <i>Aralia elata</i> leaves by UHPLC-ESI-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 985, 164-171.	2.3	19
39	New Thymoquinol Glycosides and Neuroprotective Dibenzocyclooctane Lignans from the Rattan Stems of <i>Schisandra chinensis</i> . <i>Chemistry and Biodiversity</i> , 2016, 13, 1118-1125.	2.1	19
40	Simultaneous Determination of Four Triterpenoid Saponins in <i>Aralia elata</i> Leaves by HPLC-ELSD Combined with Hierarchical Clustering Analysis. <i>Phytochemical Analysis</i> , 2017, 28, 202-209.	2.4	19
41	Three New Phytoecdysteroids Containing a Furan Ring from the Roots of <i>Achyranthes bidentata</i> Bl.. <i>Molecules</i> , 2011, 16, 5989-5997.	3.8	17
42	Chemometrics coupled with UPLC-MS/MS for simultaneous analysis of markers in the raw and processed <i>Fructus Xanthii</i> , and application to optimization of processing method by BBD design. <i>Phytomedicine</i> , 2019, 57, 191-202.	5.3	17
43	GC-MS method for determination and pharmacokinetic study of four phenylpropanoids in rat plasma after oral administration of the essential oil of <i>Acorus tatarinowii</i> Schott rhizomes. <i>Journal of Ethnopharmacology</i> , 2014, 155, 1134-1140.	4.1	16
44	Simultaneous Determination of Eight Alkaloids in Rat Plasma by UHPLC-MS/MS after Oral Administration of <i>Coptis deltoidea</i> C. Y. Cheng et Hsiao and <i>Coptis chinensis</i> Franch. <i>Molecules</i> , 2016, 21, 913.	3.8	16
45	A Metabolomics-Based Strategy for the Mechanism Exploration of Traditional Chinese Medicine: <i>Descurainia sophia</i> Seeds Extract and Fractions as a Case Study. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017, 2017, 1-11.	1.2	16
46	Structural characterization and immunomodulatory activity of a pectic polysaccharide (CALB-4) from <i>Fructus aurantii</i> . <i>International Journal of Biological Macromolecules</i> , 2018, 116, 831-839.	7.5	16
47	Chemical constituents from <i>Sambucus williamsii</i> Hance fruits and hepatoprotective effects in mouse hepatocytes. <i>Natural Product Research</i> , 2018, 32, 2008-2016.	1.8	16
48	HPLC-PDA Combined with Chemometrics for Quantitation of Active Components and Quality Assessment of Raw and Processed Fruits of <i>Xanthium strumarium</i> L.. <i>Molecules</i> , 2018, 23, 243.	3.8	16
49	New 9,19-cycloartenol glycosides isolated from the roots of <i>Cimicifuga simplex</i> and their anti-inflammatory effects. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 5688-5691.	2.2	15
50	Triterpenoids and Flavonoids from the Leaves of <i>Astragalus membranaceus</i> and Their Inhibitory Effects on Nitric Oxide Production. <i>Chemistry and Biodiversity</i> , 2015, 12, 1575-1584.	2.1	15
51	Cycloartenol triterpenoid saponins from <i>Cimicifuga simplex</i> (Ranunculaceae) and their biological effects. <i>Chinese Journal of Natural Medicines</i> , 2015, 13, 81-89.	1.3	14
52	Traditional uses, phytochemistry and pharmacology of genus <i>Syringa</i> : A comprehensive review. <i>Journal of Ethnopharmacology</i> , 2021, 266, 113465.	4.1	14
53	P-glycoprotein inhibition increases the transport of dauricine across the blood-brain barrier. <i>Molecular Medicine Reports</i> , 2014, 9, 985-988.	2.4	13
54	Determination and pharmacokinetic study of four xanthones in rat plasma after oral administration of <i>Gentianella acuta</i> extract by UHPLC-ESI-MS/MS. <i>Journal of Ethnopharmacology</i> , 2015, 174, 261-269.	4.1	13

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55	9,19-Cycloartenol glycoside G3 from <i>Cimicifuga simplex</i> regulates immune responses by modulating Th17/Treg ratio. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 4917-4923.	3.0	13
56	Xanthonones isolated from <i>Gentianella acuta</i> and their protective effects against H <sub>2</sub> O <sub>2</sub> -induced myocardial cell injury. <i>Natural Product Research</i> , 2018, 32, 2171-2177.	1.8	13
57	Withanolides, Extracted from <i>Datura Metel</i> L. Inhibit Keratinocyte Proliferation and Imiquimod-Induced Psoriasis-Like Dermatitis via the STAT3/P38/ERK1/2 Pathway. <i>Molecules</i> , 2019, 24, 2596.	3.8	13
58	Simultaneous Determination of Thirteen Q-Markers in Raw and Processed <i>Tussilago farfara</i> L. by UPLC-QQQ-MS/MS Coupled with Chemometrics. <i>Molecules</i> , 2019, 24, 598.	3.8	13
59	An integrated analytical approach based on enhanced fragment ions interrogation and modified Kendrick mass defect filter data mining for in-depth chemical profiling of glucosinolates by ultra-high-pressure liquid chromatography coupled with Orbitrap high resolution mass spectrometry. <i>Journal of Chromatography A</i> , 2021, 1639, 461903.	3.7	13
60	A review of Chinese medicine for the treatment of psoriasis: principles, methods and analysis. <i>Chinese Medicine</i> , 2021, 16, 138.	4.0	13
61	Chemical composition and cytotoxicity of the essential oil from different parts of <i>Datura metel</i> L.. <i>Natural Product Research</i> , 2016, 30, 1938-1940.	1.8	12
62	A new phytoecdysteroid from the roots of <i>Achyranthes bidentata</i> Bl.. <i>Natural Product Research</i> , 2017, 31, 1073-1079.	1.8	12
63	Anti-hyperplasia Effects of Total Saponins From <i>Phytolaccae Radix</i> in Rats With Mammary Gland Hyperplasia via Inhibition of Proliferation and Induction of Apoptosis. <i>Frontiers in Pharmacology</i> , 2018, 9, 467.	3.5	12
64	Daturaturin A, a withanolide in <i>Datura metel</i> L., induces HaCaT autophagy through the PI3K/Akt/mTOR signaling pathway. <i>Phytotherapy Research</i> , 2021, 35, 1546-1558.	5.8	11
65	Biomarkers for the Clinical Diagnosis of Alzheimer's Disease: Metabolomics Analysis of Brain Tissue and Blood. <i>Frontiers in Pharmacology</i> , 2021, 12, 700587.	3.5	11
66	UHPLC-MS/MS Quantification Combined with Chemometrics for Comparative Analysis of Different Batches of Raw, Wine-Processed, and Salt-Processed <i>Radix Achyranthis Bidentatae</i> . <i>Molecules</i> , 2018, 23, 758.	3.8	10
67	Characterizing metabolites and potential metabolic pathways changes to understanding the mechanism of medicinal plant <i>Phellodendri Amurensis</i> cortex against doxorubicin-induced nephritis rats using UPLC-Q/TOF-MS metabolomics. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 188, 113336.	2.8	10
68	Total withanolides ameliorates imiquimod-induced psoriasis-like skin inflammation. <i>Journal of Ethnopharmacology</i> , 2022, 285, 114895.	4.1	10
69	Huangqiyanins G-J, Four New 9,10-secocycloartane (=9,19-cyclo-10-secolanostane) Triterpenoidal Saponins from <i>Astragalus membranaceus</i> Bunge Leaves. <i>Helvetica Chimica Acta</i> , 2011, 94, 2239-2247.	1.6	9
70	Photochemistry and pharmacology of 9, 19-cyclolanostane glycosides isolated from genus <i>Cimicifuga</i> . <i>Chinese Journal of Natural Medicines</i> , 2016, 14, 721-731.	1.3	9
71	HPLC-MS/MS method for the determination and pharmacokinetic study of six compounds against rheumatoid arthritis in rat plasma after oral administration of the extract of <i>Caulophyllum robustum</i> Maxim. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 181, 112923.	2.8	9
72	A strategy for qualitative and quantitative profiling of <i>Angelicae Pubescentis Radix</i> and detection of its analgesic and anti-inflammatory components by spectrum-effect relationship and multivariate statistical analysis. <i>Biomedical Chromatography</i> , 2020, 34, e4910.	1.7	9

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73	Determination and pharmacokinetic study of four lignans in rat plasma after oral administration of an extract of <i>Valeriana amurensis</i> by ultra-high performance liquid chromatography with tandem mass spectrometry. <i>Journal of Separation Science</i> , 2016, 39, 1825-1833.	2.5	8
74	A UPLC-MS/MS application for comparisons of the hepatotoxicity of raw and processed <i>Xanthii Fructus</i> by energy metabolites. <i>RSC Advances</i> , 2019, 9, 2756-2762.	3.6	8
75	Quantitative analysis of different batches of raw, wine-processed, and vinegar-processed <i>Paeoniae Alba Radix</i> using ultra-performance convergence chromatography coupled with photo diode array detection. <i>Biomedical Chromatography</i> , 2019, 33, e4485.	1.7	8
76	Mechanism of Chinese Medicinal-Medicated Leaven for Preventing and Treating Gastrointestinal Tract Diseases. <i>Digestion</i> , 2020, 101, 659-666.	2.3	8
77	A comprehensive review of research progress on the genus <i>Arisaema</i> : Botany, uses, phytochemistry, pharmacology, toxicity and pharmacokinetics. <i>Journal of Ethnopharmacology</i> , 2022, 285, 114798.	4.1	8
78	Rapid Determination of Saponins in the Honey-Fried Processing of <i>Rhizoma Cimicifugae</i> by Near Infrared Diffuse Reflectance Spectroscopy. <i>Molecules</i> , 2018, 23, 1617.	3.8	7
79	Development of a new and environmentally-friendly method to evaluate phenolic compounds from <i>Flos Lonicerae Japonicae</i> with ultra-high performance supercritical fluid chromatography (UHPSFC) combined with chemometrics. <i>Analytical Methods</i> , 2018, 10, 4292-4300.	2.7	7
80	Comparison of pharmacokinetics of phytoecdysones and triterpenoid saponins of monomer, crude and processed <i>Radix Achyranthis Bidentatae</i> by UHPLC-MS/MS. <i>Xenobiotica</i> , 2020, 50, 677-684.	1.1	7
81	Screening and quantification of TNF- $\alpha$ ligand from <i>Angelicae Pubescentis Radix</i> by biosensor and UPLC-MS/MS. <i>Analytical Biochemistry</i> , 2020, 596, 113643.	2.4	6
82	Comprehensive Metabolomics and Network Pharmacology to Explore the Mechanism of 5-Hydroxymethyl Furfural in the Treatment of Blood Deficiency Syndrome. <i>Frontiers in Pharmacology</i> , 2021, 12, 811331.	3.5	6
83	Simultaneous quantification of triterpenoid saponins in rat plasma by UHPLC-MS/MS and its application to a pharmacokinetic study after oral total saponin of <i>Aralia elata</i> leaves. <i>Journal of Separation Science</i> , 2016, 39, 4360-4368.	2.5	5
84	Effect of <i>Hordei Fructus Germinatus</i> on differential gene expression in the prolactin signaling pathway in the mammary gland of lactating rats. <i>Journal of Ethnopharmacology</i> , 2021, 268, 113589.	4.1	5
85	A simple liquid chromatography coupled with tandem mass spectrometry approach for the simultaneous quantification of thirteen compounds in rats following oral administration of raw and processed <i>Fructus Xanthii</i> : Application in a comparative pharmacokinetic study. <i>Journal of Separation Science</i> , 2019, 42, 3403-3412.	2.5	4
86	Determination of metabolic phenotype and potential biomarkers in the liver of heroin addicted mice with hepatotoxicity. <i>Life Sciences</i> , 2021, 287, 120103.	4.3	4
87	Antipharyngitis Effects of <i>Syringa oblata</i> L. Ethanol Extract in Acute Pharyngitis Rat Model and Anti-Inflammatory Effect of Ir-Idoids in LPS-Induced RAW 264.7 Cells. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-16.	1.2	4
88	A new megastigmane glycoside from the aerial parts of <i>Cirsium setosum</i> . <i>Chinese Journal of Natural Medicines</i> , 2013, 11, 534-537.	1.3	3
89	A Review of the Botany, Traditional Use, Phytochemistry, Analytical Methods, Pharmacological Effects, and Toxicity of <i>Angelicae Pubescentis Radix</i> . <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-28.	1.2	3
90	A comprehensive review of the botany, ethnopharmacology, biochemistry, pharmacology, pharmacokinetics and toxicity of <i>Filifolium sibiricum</i> (L.)Kitam. <i>Chinese Medicine</i> , 2021, 16, 83.	4.0	3

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91	Chemical composition and biological activities of essential oil from <i>Filifolium sibiricum</i> (L.) Kitam. <i>Natural Product Research</i> , 2016, 30, 2861-2863.	1.8	1
92	GC-MS Analysis of Essential Oil from the Leaves of <i>Aralia elata</i> . <i>Chemistry of Natural Compounds</i> , 2016, 52, 734-736.	0.8	1
93	Metabolomic Analysis of the Urine from Rats with Collagen-Induced Arthritis with the Effective Part of <i>Caulophyllum robustum</i> Maxim. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-13.	1.2	1
94	"Gut-skin"axis: understanding psoriasis from the gut. <i>Die Pharmazie</i> , 2021, 76, 523-527.	0.5	1