

Jian-Bo Wan

List of Publications by Year in descending order

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195
papers

7,161
citations

50276

46
h-index

91884

69
g-index

203
all docs

203
docs citations

203
times ranked

10092
citing authors

#	ARTICLE	IF	CITATIONS
1	Treatment of atherosclerosis by macrophage-biomimetic nanoparticles via targeted pharmacotherapy and sequestration of proinflammatory cytokines. <i>Nature Communications</i> , 2020, 11, 2622.	12.8	315
2	Emerging roles of SIRT1 in fatty liver diseases. <i>International Journal of Biological Sciences</i> , 2017, 13, 852-867.	6.4	235
3	Review for carrageenan-based pharmaceutical biomaterials: Favourable physical features versus adverse biological effects. <i>Carbohydrate Polymers</i> , 2015, 121, 27-36.	10.2	232
4	Berberine protects against 6-OHDA-induced neurotoxicity in PC12 cells and zebrafish through hormetic mechanisms involving PI3K/AKT/Bcl-2 and Nrf2/HO-1 pathways. <i>Redox Biology</i> , 2017, 11, 1-11.	9.0	132
5	Phytochemical and phytopharmacological review of <i>Perilla frutescens</i> L. (Labiatae), a traditional edible-medicinal herb in China. <i>Food and Chemical Toxicology</i> , 2017, 108, 375-391.	3.6	131
6	Structural characterization, α -glucosidase inhibitory and DPPH scavenging activities of polysaccharides from guava. <i>Carbohydrate Polymers</i> , 2016, 144, 106-114.	10.2	127
7	Herbal medicines for the prevention of alcoholic liver disease: A review. <i>Journal of Ethnopharmacology</i> , 2012, 144, 457-465.	4.1	122
8	Medicinal compounds with antiepileptic/anticonvulsant activities. <i>Epilepsia</i> , 2014, 55, 3-16.	5.1	120
9	Protective effects of <i>Penthorum chinense</i> Pursh against chronic ethanol-induced liver injury in mice. <i>Journal of Ethnopharmacology</i> , 2015, 161, 92-98.	4.1	117
10	Synergistic chemopreventive effects of curcumin and berberine on human breast cancer cells through induction of apoptosis and autophagic cell death. <i>Scientific Reports</i> , 2016, 6, 26064.	3.3	97
11	Oridonin Induces Apoptosis, Inhibits Migration and Invasion on Highly-Metastatic Human Breast Cancer Cells. <i>The American Journal of Chinese Medicine</i> , 2013, 41, 177-196.	3.8	96
12	Current state of the art of mass spectrometry-based metabolomics studies – a review focusing on wide coverage, high throughput and easy identification. <i>RSC Advances</i> , 2015, 5, 78728-78737.	3.6	96
13	Chemical characteristics of three medicinal plants of the <i>Panax</i> genus determined by HPLC-ELSD. <i>Journal of Separation Science</i> , 2007, 30, 825-832.	2.5	91
14	Endogenously Decreasing Tissue n-6/n-3 Fatty Acid Ratio Reduces Atherosclerotic Lesions in Apolipoprotein E-deficient Mice by Inhibiting Systemic and Vascular Inflammation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 2487-2494.	2.4	91
15	Angiogenic effect of saponin extract from <i>Panax notoginseng</i> on HUVECs <i>in vitro</i> and zebrafish <i>in vivo</i> . <i>Phytotherapy Research</i> , 2009, 23, 677-686.	5.8	88
16	Purification, structural characterization and anticancer activity of the novel polysaccharides from <i>Rhynchosia minima</i> root. <i>Carbohydrate Polymers</i> , 2015, 132, 67-71.	10.2	87
17	n-3 Polyunsaturated fatty acids for the management of alcoholic liver disease: A critical review. <i>Critical Reviews in Food Science and Nutrition</i> , 2019, 59, S116-S129.	10.3	87
18	Intraoperative Detection and Eradication of Residual Microtumors with Gap-Enhanced Raman Tags. <i>ACS Nano</i> , 2018, 12, 7974-7985.	14.6	85

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19	Omega-3 polyunsaturated fatty acids promote amyloid β clearance from the brain through mediating the function of the glymphatic system. <i>FASEB Journal</i> , 2017, 31, 282-293.	0.5	84
20	Concise Review: Regulation of Stem Cell Proliferation and Differentiation by Essential Fatty Acids and Their Metabolites. <i>Stem Cells</i> , 2014, 32, 1092-1098.	3.2	79
21	Polyphyllin VII induces apoptosis in HepG2 cells through ROS-mediated mitochondrial dysfunction and MAPK pathways. <i>BMC Complementary and Alternative Medicine</i> , 2015, 16, 58.	3.7	75
22	Anticancer Activities of Protopanaxadiol- and Protopanaxatriol-Type Ginsenosides and Their Metabolites. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016, 2016, 1-19.	1.2	74
23	Protective Effect of <i>Panax notoginseng</i> Saponins on Acute Ethanol-Induced Liver Injury Is Associated with Ameliorating Hepatic Lipid Accumulation and Reducing Ethanol-Mediated Oxidative Stress. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 2413-2422.	5.2	73
24	<i>Panax notoginseng</i> Reduces Atherosclerotic Lesions in ApoE-Deficient Mice and Inhibits TNF α -Induced Endothelial Adhesion Molecule Expression and Monocyte Adhesion. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 6692-6697.	5.2	68
25	Niosome Encapsulation of Curcumin: Characterization and Cytotoxic Effect on Ovarian Cancer Cells. <i>Journal of Nanomaterials</i> , 2016, 2016, 1-9.	2.7	68
26	Chemical differentiation of Da-Cheng-Qi-Tang, a Chinese medicine formula, prepared by traditional and modern decoction methods using UPLC/Q-TOFMS-based metabolomics approach. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013, 83, 34-42.	2.8	67
27	pH-sensitive micelles based on acid-labile pluronic F68-curcumin conjugates for improved tumor intracellular drug delivery. <i>International Journal of Pharmaceutics</i> , 2016, 502, 28-37.	5.2	67
28	Cucurbitacin B Induced ATM-Mediated DNA Damage Causes G2/M Cell Cycle Arrest in a ROS-Dependent Manner. <i>PLoS ONE</i> , 2014, 9, e88140.	2.5	67
29	Hormetic effect of panaxatriol saponins confers neuroprotection in PC12 cells and zebrafish through PI3K/AKT/mTOR and AMPK/SIRT1/FOXO3 pathways. <i>Scientific Reports</i> , 2017, 7, 41082.	3.3	65
30	Suppression of acute ethanol-induced hepatic steatosis by docosahexaenoic acid is associated with downregulation of stearoyl-CoA desaturase 1 and inflammatory cytokines. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2013, 88, 347-353.	2.2	64
31	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. <i>Free Radical Biology and Medicine</i> , 2016, 92, 61-77.	2.9	61
32	Dietary α -linolenic acid-rich flaxseed oil prevents against alcoholic hepatic steatosis via ameliorating lipid homeostasis at adipose tissue-liver axis in mice. <i>Scientific Reports</i> , 2016, 6, 26826.	3.3	59
33	Comparative study on saponin fractions from <i>Panax notoginseng</i> inhibiting inflammation-induced endothelial adhesion molecule expression and monocyte adhesion. <i>Chinese Medicine</i> , 2011, 6, 37.	4.0	57
34	Polyphyllin VII Induces an Autophagic Cell Death by Activation of the JNK Pathway and Inhibition of PI3K/AKT/mTOR Pathway in HepG2 Cells. <i>PLoS ONE</i> , 2016, 11, e0147405.	2.5	57
35	NOTCH1 activation compensates BRCA1 deficiency and promotes triple-negative breast cancer formation. <i>Nature Communications</i> , 2020, 11, 3256.	12.8	56
36	Simultaneous determination of 11 saponins in <i>Panax notoginseng</i> using HPLC-ELSD and pressurized liquid extraction. <i>Journal of Separation Science</i> , 2006, 29, 2190-2196.	2.5	55

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37	Structural characterization and antioxidant activity of a novel heteropolysaccharide from the submerged fermentation mycelia of <i>Ganoderma capense</i> . <i>Carbohydrate Polymers</i> , 2015, 134, 752-760.	10.2	54
38	Gallic acid, a natural polyphenol, protects against tert-butyl hydroperoxide- induced hepatotoxicity by activating ERK-Nrf2-Keap1-mediated antioxidative response. <i>Food and Chemical Toxicology</i> , 2018, 119, 479-488.	3.6	54
39	Online comprehensive two-dimensional hydrophilic interaction chromatography \bar{A} — reversed-phase liquid chromatography coupled with hybrid linear ion trap Orbitrap mass spectrometry for the analysis of phenolic acids in <i>Salvia miltiorrhiza</i> . <i>Journal of Chromatography A</i> , 2018, 1536, 216-227.	3.7	54
40	Forsythiae Fructus Inhibits B16 Melanoma Growth Involving MAPKs/Nrf2/HO-1 Mediated Anti-Oxidation and Anti-Inflammation. <i>The American Journal of Chinese Medicine</i> , 2016, 44, 1043-1061.	3.8	53
41	Chemical Investigation of Saponins in Different Parts of <i>Panax notoginseng</i> by Pressurized Liquid Extraction and Liquid Chromatography-Electrospray Ionization-Tandem Mass Spectrometry. <i>Molecules</i> , 2012, 17, 5836-5853.	3.8	51
42	Supramolecular Inhibition of Neurodegeneration by a Synthetic Receptor. <i>ACS Medicinal Chemistry Letters</i> , 2015, 6, 1174-1178.	2.8	51
43	Saponins isolated from the leaves of <i>Panax notoginseng</i> protect against alcoholic liver injury via inhibiting ethanol-induced oxidative stress and gut-derived endotoxin-mediated inflammation. <i>Journal of Functional Foods</i> , 2015, 19, 214-224.	3.4	51
44	An improved pseudotargeted metabolomics approach using multiple ion monitoring with time-staggered ion lists based on ultra-high performance liquid chromatography/quadrupole time-of-flight mass spectrometry. <i>Analytica Chimica Acta</i> , 2016, 927, 82-88.	5.4	50
45	Qualitative and quantitative characterization of phenolic and diterpenoid constituents in Danshen (<i>Salvia miltiorrhiza</i>) by comprehensive two-dimensional liquid chromatography coupled with hybrid linear ion trap Orbitrap mass. <i>Journal of Chromatography A</i> , 2016, 1427, 79-89.	3.7	49
46	Qualitative and quantitative analysis of the saponins in <i>Panax notoginseng</i> leaves using ultra-performance liquid chromatography coupled with time-of-flight tandem mass spectrometry and high performance liquid chromatography coupled with UV detector. <i>Journal of Ginseng Research</i> , 2018, 42, 149-157.	5.7	49
47	Molecular landscape and subtype-specific therapeutic response of nasopharyngeal carcinoma revealed by integrative pharmacogenomics. <i>Nature Communications</i> , 2021, 12, 3046.	12.8	48
48	Inhibiting Delta-6 Desaturase Activity Suppresses Tumor Growth in Mice. <i>PLoS ONE</i> , 2012, 7, e47567.	2.5	47
49	Hormetic Effect of Berberine Attenuates the Anticancer Activity of Chemotherapeutic Agents. <i>PLoS ONE</i> , 2015, 10, e0139298.	2.5	47
50	Omega-3 Polyunsaturated Fatty Acids Protect Neural Progenitor Cells against Oxidative Injury. <i>Marine Drugs</i> , 2014, 12, 2341-2356.	4.6	46
51	<i>p</i> -Aminothiophenol Radical Reaction-Functionalized Gold Nanoprobe for One-to-All Detection of Five Reactive Oxygen Species In Vivo. <i>Analytical Chemistry</i> , 2018, 90, 12137-12144.	6.5	46
52	Structural characterization and antioxidant activity of a heteropolysaccharide from <i>Ganoderma capense</i> . <i>Carbohydrate Polymers</i> , 2015, 121, 183-189.	10.2	45
53	Application of two-dimensional chromatography in the analysis of Chinese herbal medicines. <i>Journal of Chromatography A</i> , 2014, 1371, 1-14.	3.7	44
54	Omega-3 polyunsaturated fatty acids ameliorate ethanol-induced adipose hyperlipolysis: A mechanism for hepatoprotective effect against alcoholic liver disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 3190-3201.	3.8	44

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55	Optical Imaging in the Second Near Infrared Window for Vascular Bioimaging. <i>Small</i> , 2021, 17, e2103780.	10.0	44
56	Ginsenoside Rb1 attenuates angiotensin II-induced abdominal aortic aneurysm through inactivation of the JNK and p38 signaling pathways. <i>Vascular Pharmacology</i> , 2015, 73, 86-95.	2.1	43
57	UHPLC/Q-TOFMS-based metabolomics for the characterization of cold and hot properties of Chinese materia medica. <i>Journal of Ethnopharmacology</i> , 2016, 179, 234-242.	4.1	43
58	Integrated work-flow for quantitative metabolome profiling of plants, <i>Peucedani Radix</i> as a case. <i>Analytica Chimica Acta</i> , 2017, 953, 40-47.	5.4	43
59	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.	3.4	43
60	CuS Nanoparticles as a Photodynamic Nanoswitch for Abrogating Bypass Signaling To Overcome Gefitinib Resistance. <i>Nano Letters</i> , 2019, 19, 3344-3352.	9.1	42
61	Patientâ€Derived Organoids Can Guide Personalizedâ€Therapies for Patients with Advanced Breast Cancer. <i>Advanced Science</i> , 2021, 8, e2101176.	11.2	42
62	Enhanced MS/MS coverage for metabolite identification in LC-MS-based untargeted metabolomics by target-directed data dependent acquisition with time-staggered precursor ion list. <i>Analytica Chimica Acta</i> , 2017, 992, 67-75.	5.4	41
63	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.	1.6	40
64	Enriched endogenous omega-3 fatty acids in mice protect against global ischemia injury. <i>Journal of Lipid Research</i> , 2014, 55, 1288-1297.	4.2	39
65	Comprehensively qualitative and quantitative analysis of ginsenosides in <i>Panax notoginseng</i> leaves by online two-dimensional liquid chromatography coupled to hybrid linear ion trap Orbitrap mass spectrometry with deeply optimized dilution and modulation system. <i>Analytica Chimica Acta</i> , 2019, 1079, 237-251.	5.4	39
66	Ginsenoside Rb1 Protects Rat Neural Progenitor Cells against Oxidative Injury. <i>Molecules</i> , 2014, 19, 3012-3024.	3.8	37
67	Natural formulas and the nature of formulas: Exploring potential therapeutic targets based on traditional Chinese herbal formulas. <i>PLoS ONE</i> , 2017, 12, e0171628.	2.5	36
68	Neuroprotective effects of ginsenosides on neural progenitor cells against oxidative injury. <i>Molecular Medicine Reports</i> , 2016, 13, 3083-3091.	2.4	35
69	Sensitive Detection of Organophosphorus Pesticides in Medicinal Plants Using Ultrasound-Assisted Dispersive Liquidâ€Liquid Microextraction Combined with Sweeping Micellar Electrokinetic Chromatography. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 932-940.	5.2	35
70	Hepatoprotective properties of <i>Penthorum chinense Pursh</i> against carbon tetrachloride-induced acute liver injury in mice. <i>Chinese Medicine</i> , 2017, 12, 32.	4.0	35
71	UPLC/Q-TOF-MS-based metabolomics study of the anti-osteoporosis effects of <i>Achyranthes bidentata</i> polysaccharides in ovariectomized rats. <i>International Journal of Biological Macromolecules</i> , 2018, 112, 433-441.	7.5	35
72	Elevated Exogenous Pyruvate Potentiates Mesodermal Differentiation through Metabolic Modulation and AMPK/mTOR Pathway in Human Embryonic Stem Cells. <i>Stem Cell Reports</i> , 2019, 13, 338-351.	4.8	35

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73	Omega-3 polyunsaturated fatty acids promote brain-to-blood clearance of A β -Amyloid in a mouse model with Alzheimer's disease. <i>Brain, Behavior, and Immunity</i> , 2020, 85, 35-45.	4.1	35
74	Enriched Endogenous Omega-3 Polyunsaturated Fatty Acids Protect Cortical Neurons from Experimental Ischemic Injury. <i>Molecular Neurobiology</i> , 2016, 53, 6482-6488.	4.0	34
75	The hepatoprotective effect of aqueous extracts of <i>Penthorum chinense</i> Pursh against acute alcohol-induced liver injury is associated with ameliorating hepatic steatosis and reducing oxidative stress. <i>Food and Function</i> , 2015, 6, 1510-1517.	4.6	33
76	UHPLC/Q-TOFMS-based plasma metabolomics of polycystic ovary syndrome patients with and without insulin resistance. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 121, 141-150.	2.8	33
77	Dual modulation of formyl peptide receptor 2 by aspirin-triggered lipoxin contributes to its anti-inflammatory activity. <i>FASEB Journal</i> , 2020, 34, 6920-6933.	0.5	33
78	Characterizing plasma phospholipid fatty acid profiles of polycystic ovary syndrome patients with and without insulin resistance using GC-MS and chemometrics approach. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 95, 85-92.	2.8	32
79	Characterization of the cold and hot natures of raw and processed <i>Rehmanniae Radix</i> by integrated metabolomics and network pharmacology. <i>Phytomedicine</i> , 2020, 74, 153071.	5.3	32
80	Suppression of diet-induced hypercholesterolaemia by saponins from <i>Panax notoginseng</i> in rats. <i>Journal of Functional Foods</i> , 2013, 5, 1159-1169.	3.4	31
81	Enriched Brain Omega-3 Polyunsaturated Fatty Acids Confer Neuroprotection against Microinfarction. <i>EBioMedicine</i> , 2018, 32, 50-61.	6.1	31
82	Effect of Major Royal Jelly Proteins on Spatial Memory in Aged Rats: Metabolomics Analysis in Urine. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 3151-3159.	5.2	30
83	Fatty acid variability in three medicinal herbs of <i>Panax</i> species. <i>Chemistry Central Journal</i> , 2013, 7, 12.	2.6	29
84	Discrimination of Multi-Origin Chinese Herbal Medicines Using Gas Chromatography-Mass Spectrometry-Based Fatty Acid Profiling. <i>Molecules</i> , 2013, 18, 15329-15343.	3.8	29
85	Self-Assembling Peptide Nanofiber Scaffolds Enhance Dopaminergic Differentiation of Mouse Pluripotent Stem Cells in 3-Dimensional Culture. <i>PLoS ONE</i> , 2013, 8, e84504.	2.5	29
86	Abnormalities in Plasma Phospholipid Fatty Acid Profiles of Patients with Hepatocellular Carcinoma. <i>Lipids</i> , 2015, 50, 977-985.	1.7	28
87	Pulsatilla Saponin D Inhibits Autophagic Flux and Synergistically Enhances the Anticancer Activity of Chemotherapeutic Agents Against HeLa Cells. <i>The American Journal of Chinese Medicine</i> , 2015, 43, 1657-1670.	3.8	28
88	Protective Effects of Otophyllaside N on Pentylentetrazol-Induced Neuronal Injury In vitro and In vivo. <i>Frontiers in Pharmacology</i> , 2016, 7, 224.	3.5	28
89	UPLC/Q-TOFMS-Based Metabolomics Approach to Reveal the Protective Role of Other Herbs in An-Gong-Niu-Huang Wan Against the Hepatorenal Toxicity of Cinnabar and Realgar. <i>Frontiers in Pharmacology</i> , 2018, 9, 618.	3.5	28
90	Cyclodextrin-Containing Hydrogels: A Review of Preparation Method, Drug Delivery, and Degradation Behavior. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13516.	4.1	28

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91	Preparation, characterization, and anticancer efficacy of evodiamine-loaded PLGA nanoparticles. <i>Drug Delivery</i> , 2016, 23, 898-906.	5.7	27
92	Vitamin E succinate-conjugated F68 micelles for mitoxantrone delivery in enhancing anticancer activity. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 3167-3178.	6.7	27
93	Integrated Strategy Drives Direct Infusion Tandem Mass Spectrometry as an Eligible Tool for Shotgun Pseudo-Targeted Metabolomics of Medicinal Plants. <i>Analytical Chemistry</i> , 2021, 93, 2541-2550.	6.5	27
94	Quantitative profiling of eicosanoids derived from n-6 and n-3 polyunsaturated fatty acids by twin derivatization strategy combined with LC-MS/MS in patients with type 2 diabetes mellitus. <i>Analytica Chimica Acta</i> , 2020, 1120, 24-35.	5.4	27
95	Preventive effect of α -linolenic acid-rich flaxseed oil against ethanol-induced liver injury is associated with ameliorating gut-derived endotoxin-mediated inflammation in mice. <i>Journal of Functional Foods</i> , 2016, 23, 532-541.	3.4	26
96	Oxidation of fish oil exacerbates alcoholic liver disease by enhancing intestinal dysbiosis in mice. <i>Communications Biology</i> , 2020, 3, 481.	4.4	26
97	Regulation of the NLRP3 inflammasome with natural products against chemical-induced liver injury. <i>Pharmacological Research</i> , 2021, 164, 105388.	7.1	26
98	Endogenous Docosahexaenoic Acid (DHA) Prevents A β 1-42 Oligomer-Induced Neuronal Injury. <i>Molecular Neurobiology</i> , 2016, 53, 3146-3153.	4.0	25
99	A review on phytochemical and pharmacological properties of <i>Litsea coreana</i> . <i>Pharmaceutical Biology</i> , 2017, 55, 1368-1374.	2.9	25
100	Comparative study on chemical components and anti-inflammatory effects of <i>Panax notoginseng</i> flower extracted by water and methanol. <i>Journal of Separation Science</i> , 2017, 40, 4730-4739.	2.5	25
101	Simultaneous determination of seven phenolic acids in three <i>Salvia</i> species by capillary zone electrophoresis with β -cyclodextrin as modifier. <i>Journal of Separation Science</i> , 2014, 37, 3738-3744.	2.5	24
102	Review on the extraction, characterization and application of soybean polysaccharide. <i>RSC Advances</i> , 2015, 5, 73525-73534.	3.6	24
103	UPLC/Q-TOFMS-Based Metabolomics Studies on the Protective Effect of <i>Panax notoginseng</i> Saponins on Alcoholic Liver Injury. <i>The American Journal of Chinese Medicine</i> , 2015, 43, 695-714.	3.8	24
104	Trace determination of carbamate pesticides in medicinal plants by a fluorescent technique. <i>Food and Chemical Toxicology</i> , 2018, 119, 430-437.	3.6	24
105	Effects of <i>Coptis</i> extract combined with chemotherapeutic agents on ROS production, multidrug resistance, and cell growth in A549 human lung cancer cells. <i>Chinese Medicine</i> , 2012, 7, 11.	4.0	23
106	Hepatorenal protective effects of medicinal herbs in An-Gong-Niu-Huang Wan (AGNH) against cinnabar- and realgar-induced oxidative stress and inflammatory damage in mice. <i>Food and Chemical Toxicology</i> , 2018, 119, 445-456.	3.6	23
107	A combination of <i>Pueraria lobata</i> and <i>Silybum marianum</i> protects against alcoholic liver disease in mice. <i>Phytomedicine</i> , 2019, 58, 152824.	5.3	23
108	20(S)-Protopanaxdiol Suppresses the Abnormal Granule-Monocyte Differentiation of Hematopoietic Stem Cells in 4T1 Breast Cancer-Bearing Mouse. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-11.	1.2	23

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109	Glycine tabacina ethanol extract ameliorates collagen-induced arthritis in rats via inhibiting pro-inflammatory cytokines and oxidation. <i>Journal of Ethnopharmacology</i> , 2019, 237, 20-27.	4.1	22
110	An extendable all-in-one injection twin derivatization LC-MS/MS strategy for the absolute quantification of multiple chemical-group-based submetabolomes. <i>Analytica Chimica Acta</i> , 2019, 1063, 99-109.	5.4	22
111	Preparative separation of minor saponins from <i>Panax notoginseng</i> leaves using biotransformation, macroporous resins, and preparative high-performance liquid chromatography. <i>Journal of Ginseng Research</i> , 2019, 43, 105-115.	5.7	22
112	Enriched Endogenous Omega-3 Fatty Acids in Mice Ameliorate Parenchymal Cell Death After Traumatic Brain Injury. <i>Molecular Neurobiology</i> , 2017, 54, 3317-3326.	4.0	21
113	Natural Deep Eutectic Solvents for Simultaneous Extraction of Multi-Bioactive Components from Jinqi Jiangtang Preparations. <i>Pharmaceutics</i> , 2019, 11, 18.	4.5	21
114	Full Collision Energy Ramp-MS ² Spectrum in Structural Analysis Relying on MS/MS. <i>Analytical Chemistry</i> , 2021, 93, 15381-15389.	6.5	21
115	Natural autophagy regulators in cancer therapy: a review. <i>Phytochemistry Reviews</i> , 2015, 14, 137-154.	6.5	20
116	Discriminating from species of <i>Curcumae Radix</i> (Yujin) by a UHPLC/Q-TOFMS-based metabolomics approach. <i>Chinese Medicine</i> , 2016, 11, 21.	4.0	20
117	Sensitive and Selective Detection of Oxo-Form Organophosphorus Pesticides Based on CdSe/ZnS Quantum Dots. <i>Molecules</i> , 2017, 22, 1421.	3.8	20
118	Polysaccharide PRM3 from <i>Rhynchosia minima</i> root enhances immune function through TLR4-NF- κ B pathway. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 1751-1759.	2.4	20
119	Characterizing the influence of different drying methods on chemical components of <i>Panax notoginseng</i> leaves by heart-cutting two-dimensional liquid chromatography coupled to orbitrap high-resolution mass spectrometry. <i>Food Chemistry</i> , 2022, 369, 130965.	8.2	20
120	Low Doses of Camptothecin Induced Hormetic and Neuroprotective Effects in PC12 Cells. <i>Dose-Response</i> , 2015, 13, 155932581559260.	1.6	18
121	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.	1.8	18
122	Endogenous n-3 Fatty Acids Alleviate Carbon-Tetrachloride-Induced Acute Liver Injury in <i>Fat-1</i> Transgenic Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-12.	4.0	18
123	Protection against Oxygen-Glucose Deprivation/Reperfusion Injury in Cortical Neurons by Combining Omega-3 Polyunsaturated Acid with <i>Lyciumbarbarum</i> Polysaccharide. <i>Nutrients</i> , 2016, 8, 41.	4.1	18
124	Anti-melanoma activity of <i>Forsythiae Fructus</i> aqueous extract in mice involves regulation of glycerophospholipid metabolisms by UPLC/Q-TOF MS-based metabolomics study. <i>Scientific Reports</i> , 2016, 6, 39415.	3.3	18
125	Differences in Chemical Component and Anticancer Activity of Green and Ripe <i>Forsythiae Fructus</i> . <i>The American Journal of Chinese Medicine</i> , 2017, 45, 1513-1536.	3.8	18
126	Acetaminophen-induced liver injury is attenuated in transgenic fat-1 mice endogenously synthesizing long-chain n-3 fatty acids. <i>Biochemical Pharmacology</i> , 2018, 154, 75-88.	4.4	18

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127	20(S)-Protopanaxadiol Saponins Mainly Contribute to the Anti-Atherogenic Effects of Panax notoginseng in ApoE Deficient Mice. <i>Molecules</i> , 2019, 24, 3723.	3.8	18
128	Aurone derivatives as Vps34 inhibitors that modulate autophagy. <i>Acta Pharmaceutica Sinica B</i> , 2019, 9, 537-544.	12.0	18
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