

Wen Xu

List of Publications by Year in descending order

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69
papers

1,498
citations

304743

22
h-index

414414

32
g-index

79
all docs

79
docs citations

79
times ranked

1805
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of Gut Microbiota and Microbiota-Related Metabolites on Hyperlipidemia. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 634780.	3.9	77
2	Salvianolic acid B inhibits glycolysis in oral squamous cell carcinoma via targeting PI3K/AKT/HIF-1 α signaling pathway. <i>Cell Death and Disease</i> , 2018, 9, 599.	6.3	61
3	Therapeutic potential of Rhizoma Alismatis: a review on ethnomedicinal application, phytochemistry, pharmacology, and toxicology. <i>Annals of the New York Academy of Sciences</i> , 2017, 1401, 90-101.	3.8	60
4	LC-MS/MS method for the simultaneous determination of icariin and its major metabolites in rat plasma. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007, 45, 667-672.	2.8	58
5	Celastrol in metabolic diseases: Progress and application prospects. <i>Pharmacological Research</i> , 2021, 167, 105572.	7.1	52
6	Qualitative and Quantitative Analysis of the Major Constituents in Shexiang Tongxin Dropping Pill by HPLC-Q-TOF-MS/MS and UPLC-QqQ-MS/MS. <i>Molecules</i> , 2015, 20, 18597-18619.	3.8	44
7	Qualitative and Quantitative Analysis of Major Triterpenoids in Alismatis Rhizoma by High Performance Liquid Chromatography/Diode-Array Detector/Quadrupole-Time-of-Flight Mass Spectrometry and Ultra-Performance Liquid Chromatography/Triple Quadrupole Mass Spectrometry. <i>Molecules</i> , 2015, 20, 13958-13981.	3.8	41
8	Simultaneous determination of five main active bufadienolides of Chan Su in rat plasma by liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 859, 157-163.	2.3	40
9	Photodynamic therapy induces autophagy-mediated cell death in human colorectal cancer cells via activation of the ROS/JNK signaling pathway. <i>Cell Death and Disease</i> , 2020, 11, 938.	6.3	40
10	Hsa_circ_0000199 facilitates chemo-tolerance of triple-negative breast cancer by interfering with miR-206/613-led PI3K/Akt/mTOR signaling. <i>Aging</i> , 2021, 13, 4522-4551.	3.1	40
11	Pharmacokinetic behaviors and oral bioavailability of oridonin in rat plasma. <i>Acta Pharmacologica Sinica</i> , 2006, 27, 1642-1646.	6.1	39
12	Identification and quantification of phenolic compounds in <i>Vitex negundo</i> L. var. <i>cannabifolia</i> (Siebold et Zucc.) Hand.-Mazz. using liquid chromatography combined with quadrupole time-of-flight and triple quadrupole mass spectrometers. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 108, 11-20.	2.8	39
13	Downregulation of miR-155-5p enhances the anti-tumor effect of cetuximab on triple-negative breast cancer cells via inducing cell apoptosis and pyroptosis. <i>Aging</i> , 2021, 13, 228-240.	3.1	38
14	Qualitative and Quantitative Analysis of Phenolic Acids, Flavonoids and Iridoid Glycosides in Yinhua Kanggan Tablet by UPLC-QqQ-MS/MS. <i>Molecules</i> , 2015, 20, 12209-12228.	3.8	33
15	Diuretic Activity of Compatible Triterpene Components of Alismatis rhizoma. <i>Molecules</i> , 2017, 22, 1459.	3.8	32
16	Water-dispersed silicon quantum dots for on-off-on fluorometric determination of chromium(VI) and ascorbic acid. <i>Mikrochimica Acta</i> , 2019, 186, 673.	5.0	32
17	Chemical profiling and quantification of Gua-Lou-Gui-Zhi decoction by high performance liquid chromatography/quadrupole-time-of-flight mass spectrometry and ultra-performance liquid chromatography/triple quadrupole mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 986-987, 69-84.	2.3	31
18	Inhibition of Phosphodiesterase-4 Reverses A β -Induced Memory Impairment by Regulation of HPA Axis Related cAMP Signaling. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 204.	3.4	30

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19	Pien-Tze-Huang, a Chinese patent formula, attenuates NLRP3 inflammasome-related neuroinflammation by enhancing autophagy via the AMPK/mTOR/ULK1 signaling pathway. <i>Biomedicine and Pharmacotherapy</i> , 2021, 141, 111814.	5.6	30
20	Pharmacokinetics and tissue distribution of five major triterpenoids after oral administration of <i>Rhizoma Alismatis</i> extract to rats using ultra high-performance liquid chromatography-tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 146, 314-323.	2.8	28
21	Small nucleolar RNA host gene 1 promotes development and progression of colorectal cancer through negative regulation of miR-137. <i>Molecular Carcinogenesis</i> , 2019, 58, 2104-2117.	2.7	28
22	Alisol B 23-Acetate Ameliorates Azoxymethane/Dextran Sodium Sulfate-Induced Male Murine Colitis-Associated Colorectal Cancer via Modulating the Composition of Gut Microbiota and Improving Intestinal Barrier. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 640225.	3.9	27
23	Pien-Tze-Huang protects cerebral ischemic injury by inhibiting neuronal apoptosis in acute ischemic stroke rats. <i>Journal of Ethnopharmacology</i> , 2018, 219, 117-125.	4.1	25
24	Anti-Proliferative Activities of Terpenoids Isolated from <i>Alisma orientalis</i> and their Structure-Activity Relationships. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2015, 15, 228-235.	1.7	25
25	Self-microemulsifying Drug Delivery System for Improved Oral Delivery of Limonene: Preparation, Characterization, in vitro and in vivo Evaluation. <i>AAPS PharmSciTech</i> , 2019, 20, 153.	3.3	24
26	SNP rs12982687 affects binding capacity of lncRNA UCA1 with miR-873-5p: involvement in smoking-triggered colorectal cancer progression. <i>Cell Communication and Signaling</i> , 2020, 18, 37.	6.5	24
27	A 90-day subchronic oral toxicity study of triterpene-enriched extract from <i>Alismatis Rhizoma</i> in rats. <i>Food and Chemical Toxicology</i> , 2013, 58, 318-323.	3.6	22
28	Rhubarb Tannins Extract Inhibits the Expression of Aquaporins 2 and 3 in Magnesium Sulphate-Induced Diarrhoea Model. <i>BioMed Research International</i> , 2014, 2014, 1-14.	1.9	22
29	Hydrophobic deep eutectic solvent-based dispersive liquid-liquid microextraction for the simultaneous enantiomeric analysis of five β -agonists in the environmental samples. <i>Electrophoresis</i> , 2019, 40, 2828-2836.	2.4	22
30	Formononetin relieves the facilitating effect of lncRNA AFAP1-AS1-miR-195/miR-545 axis on progression and chemo-resistance of triple-negative breast cancer. <i>Aging</i> , 2021, 13, 18191-18222.	3.1	21
31	Effect of dendrobium mixture in alleviating diabetic cognitive impairment associated with regulating gut microbiota. <i>Biomedicine and Pharmacotherapy</i> , 2022, 149, 112891.	5.6	21
32	Knockdown of lncRNA LINC01234 Suppresses the Tumorigenesis of Liver Cancer via Sponging miR-513a-5p. <i>Frontiers in Oncology</i> , 2020, 10, 571565.	2.8	20
33	Identification and quantification of the anti-inflammatory constituents in Pien-Tze-Huang by liquid chromatography combined with quadrupole time-of-flight and triple quadrupole mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1027, 27-39.	2.3	19
34	An ultrasensitive electrochemiluminescence biosensor for nuclear factor kappa B p50 based on the proximity hybridization-induced hybridization chain reaction. <i>Chemical Communications</i> , 2019, 55, 12980-12983.	4.1	19
35	Masking quercetin: A simple strategy for selective detection of rutin by combination of bovine serum albumin and fluorescent silicon nanoparticles. <i>Analytica Chimica Acta</i> , 2020, 1126, 7-15.	5.4	16
36	Simultaneous quantification six active compounds in rat plasma by UPLC-MS/MS and its application to a pharmacokinetic study of Pien-Tze-Huang. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1061-1062, 314-321.	2.3	15

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37	Chemical Composition, Anticancer, Anti-neuroinflammatory, and Antioxidant Activities of the Essential Oil of <i>Patrinia scabiosaeifolia</i> . <i>Chinese Journal of Integrative Medicine</i> , 2018, 24, 207-212.	1.6	15
38	Two new amide alkaloids from <i>Portulaca oleracea</i> L. and their anticholinesterase activities. <i>Natural Product Research</i> , 2021, 35, 3794-3800.	1.8	15
39	Constituents from the Roots of <i>Actinidia chinensis</i> and Their Cytochrome P450 Enzyme Inhibitory Activities. <i>Chemistry and Biodiversity</i> , 2016, 13, 1454-1459.	2.1	14
40	Qualitative and quantitative analysis of phenolic compounds by UPLC-MS/MS and biological activities of <i>Pholidota chinensis</i> Lindl.. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 187, 113350.	2.8	14
41	Dammarane-Type Triterpenoids from the Roots of <i>Rhus chinensis</i> and Their Preventive Effects on Zebrafish Heart Failure and Thrombosis. <i>Journal of Natural Products</i> , 2020, 83, 362-373.	3.0	14
42	Determination of two C21 steroidal glycosides of Baishouwu and their metabolites in mice plasma and tumor homogenate by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 876, 203-210.	2.3	13
43	Anillin facilitates cell proliferation and induces tumor growth of hepatocellular carcinoma via miR-138/SOX4 axis regulation. <i>Translational Oncology</i> , 2020, 13, 100815.	3.7	13
44	<i>Pien-Tze-Huang</i> attenuates neuroinflammation in cerebral ischaemia-reperfusion injury in rats through the TLR4/NF- κ B/MAPK pathway. <i>Pharmaceutical Biology</i> , 2021, 59, 826-837.	2.9	13
45	Seven compounds from <i>Portulaca oleracea</i> L. and their anticholinesterase activities. <i>Natural Product Research</i> , 2022, 36, 2547-2553.	1.8	13
46	Activation of monoaminergic system contributes to the antidepressant- and anxiolytic-like effects of J147. <i>Behavioural Brain Research</i> , 2021, 411, 113374.	2.2	12
47	LC-MS-MS Method for Simultaneous Determination of Icarin and Its Active Metabolite Icariside II in Human Plasma. <i>Chromatographia</i> , 2008, 68, 245-250.	1.3	11
48	Two new 8-O-4-type lignans from the stem of <i>Schima superba</i> and their cell growth inhibitory activities against human cancer cell lines. <i>Journal of Asian Natural Products Research</i> , 2010, 12, 874-878.	1.4	11
49	<i>Endothelium corneum gigeriae galli</i> extract inhibits calcium oxalate formation and exerts anti-urolithic effects. <i>Journal of Ethnopharmacology</i> , 2019, 231, 80-89.	4.1	11
50	miR-181a-5p regulates the proliferation and apoptosis of glomerular mesangial cells by targeting KLF6. <i>Experimental and Therapeutic Medicine</i> , 2020, 20, 1121-1128.	1.8	11
51	Bryonolic Acid, a Triterpenoid, Protect Against N-methyl-d-Aspartate-Induced Neurotoxicity in PC12 Cells. <i>Molecules</i> , 2016, 21, 418.	3.8	9
52	A new polyoxygenated abietane diterpenoid from the rattans of <i>Bauhinia championii</i> (Benth.) Benth. <i>Natural Product Research</i> , 2018, 32, 2577-2582.	1.8	9
53	Recent advances in chemical synthesis, biocatalysis, and biological evaluation of diosgenin derivatives – A review. <i>Steroids</i> , 2022, 180, 108991.	1.8	9
54	Simultaneous Determination of 11 Compounds in Gualou Guizhi Granule and Pharmacokinetics Study by UPLC-MS/MS. <i>Journal of Analytical Methods in Chemistry</i> , 2017, 2017, 1-13.	1.6	8

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55	Pharmacokinetic comparison of five xanthenes in rat plasma after oral administration of crude and processed <i>Garcinia hanburyi</i> extracts. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1126-1127, 121737.	2.3	8
56	A rapid HPLC/ESI-MS method for the quantitative determination of oridonin in rat plasma. <i>Die Pharmazie</i> , 2006, 61, 757-9.	0.5	8
57	Serum Metabolome Mediates the Antiobesity Effect of Celastrol-Induced Gut Microbial Alterations. <i>Journal of Proteome Research</i> , 2021, 20, 4840-4851.	3.7	7
58	LC-MS-MS Method for the Determination of Protoveratrine A in Rat Plasma. <i>Chromatographia</i> , 2009, 69, 523-529.	1.3	6
59	Simultaneous determination of 41 components in Gualou Guizhi granules by UPLC coupled with triple quadrupole mass spectrometry. <i>Analytical Methods</i> , 2015, 7, 8285-8296.	2.7	6
60	Quantitative Analysis of Eight Triterpenoids and Two Sesquiterpenoids in <i>Rhizoma Alismatis</i> by Using UPLC-ESI/APCI-MS/MS and Its Application to Optimisation of Best Harvest Time and Crude Processing Temperature. <i>Journal of Analytical Methods in Chemistry</i> , 2019, 2019, 1-13.	1.6	6
61	<i>Alismatis Rhizoma</i> Triterpenes Alleviate High-Fat Diet-Induced Insulin Resistance in Skeletal Muscle of Mice. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-15.	1.2	5
62	Development of GPC3 and EGFR-dual-targeting chimeric antigen receptor-T cells for adoptive T cell therapy. <i>American Journal of Translational Research (discontinued)</i> , 2021, 13, 156-167.	0.0	5
63	Synthesis and biological evaluation of celastrol derivatives as potent antitumor agents with STAT3 inhibition. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2022, 37, 236-251.	5.2	5
64	Anti-osteoporotic effects of alisol C 23-acetate via osteoclastogenesis inhibition. <i>Biomedicine and Pharmacotherapy</i> , 2021, 137, 111321.	5.6	4
65	Rapid screening of glycosyltransferases in plants using a linear DNA expression template based cell-free transcription-translation system. <i>Phytochemistry</i> , 2022, 193, 113007.	2.9	4
66	Sempervirine Mediates Autophagy and Apoptosis via the Akt/mTOR Signaling Pathways in Glioma Cells. <i>Frontiers in Pharmacology</i> , 2021, 12, 770667.	3.5	4
67	Positive feedback loop of AKR1B10P1/miR-138/SOX4 promotes cell growth in hepatocellular carcinoma cells. <i>American Journal of Translational Research (discontinued)</i> , 2020, 12, 5465-5480.	0.0	3
68	A computer-aided diagnosis system using white-light endoscopy for the prediction of conventional adenoma with high grade dysplasia. <i>Digestive and Liver Disease</i> , 2022, 54, 1202-1208.	0.9	3
69	Identification and Quantification of three Tubeimosides in <i>Rhizoma Bolbostematis</i> by High Performance Liquid Chromatography with Evaporative Light Scattering Detection and Electrospray Mass Spectrometric Detection. <i>Natural Product Communications</i> , 2008, 3, 1934578X0800300.	0.5	1