

Wen-Yuan Gao

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

47
papers

604
citations

15
h-index

22
g-index

50
ext. papers

824
ext. citations

4.7
avg, IF

4.07
L-index

#	Paper	IF	Citations
47	Effects of Metal Nanoparticles and Other Preparative Materials in the Environment on Plants: From the Perspective of Improving Secondary Metabolites.. <i>Journal of Agricultural and Food Chemistry</i> , 2022 ,	5.7	1
46	Investigation on the chemical space of the substituted triazole thio-benzoxazepinone RIPK1 inhibitors.. <i>European Journal of Medicinal Chemistry</i> , 2022 , 236, 114345	6.8	3
45	Microbiome-based screening and co-fermentation of rhizospheric microorganisms for highly ginsenoside Rg3 production. <i>Microbiological Research</i> , 2022 , 127054	5.3	2
44	Composition Changes in Fruit Dried by Different Methods. <i>Frontiers in Nutrition</i> , 2021 , 8, 737521	6.2	2
43	Enantiomeric profiling of a chiral benzothiazole necroptosis inhibitor. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021 , 43, 128084	2.9	1
42	Endophytes, biotransforming microorganisms, and engineering microbial factories for triterpenoid saponins production. <i>Critical Reviews in Biotechnology</i> , 2021 , 41, 249-272	9.4	4
41	Pharmacokinetics profiles of polyphyllin II and polyphyllin VII in rats by liquid chromatography with tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2021 , 35, e5083	1.7	1
40	Exposure to a mixture of cigarette smoke carcinogens disturbs gut microbiota and influences metabolic homeostasis in A/J mice. <i>Chemico-Biological Interactions</i> , 2021 , 344, 109496	5	6
39	Structure-based molecular hybridization design of Keap1-Nrf2 inhibitors as novel protective agents of acute lung injury. <i>European Journal of Medicinal Chemistry</i> , 2021 , 222, 113599	6.8	3
38	Garlic oil blocks tobacco carcinogen 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone (NNK)-induced lung tumorigenesis by inducing phase II drug-metabolizing enzymes. <i>Food and Chemical Toxicology</i> , 2021 , 157, 112581	4.7	1
37	Treatment for liver cancer: From sorafenib to natural products. <i>European Journal of Medicinal Chemistry</i> , 2021 , 224, 113690	6.8	12
36	Advances in biosynthesis of triterpenoid saponins in medicinal plants. <i>Chinese Journal of Natural Medicines</i> , 2020 , 18, 417-424	2.8	9
35	A WRKY transcription factor, PgWRKY4X, positively regulates ginsenoside biosynthesis by activating squalene epoxidase transcription in <i>Panax ginseng</i> . <i>Industrial Crops and Products</i> , 2020 , 154, 112671	5.9	10
34	Transcription factor NRF2 as a promising therapeutic target for Alzheimer's disease. <i>Free Radical Biology and Medicine</i> , 2020 , 159, 87-102	7.8	21
33	Promotion of ginsenosides production in a co-cultivation system of <i>Panax ginseng</i> adventitious roots and immobilized <i>Aspergillus niger</i> . <i>Industrial Crops and Products</i> , 2019 , 140, 111564	5.9	5
32	Diosgenyl Saponin Inducing Endoplasmic Reticulum Stress and Mitochondria-Mediated Apoptotic Pathways in Liver Cancer Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 11428-11435	5.7	9
31	Inhibitor of Apoptosis Protein (IAP) Antagonists in Anticancer Agent Discovery: Current Status and Perspectives. <i>Journal of Medicinal Chemistry</i> , 2019 , 62, 5750-5772	8.3	49

30	Screening and evaluation of adventitious root lines of <i>Panax notoginseng</i> by morphology, gene expression, and metabolite profiles. <i>Applied Microbiology and Biotechnology</i> , 2019 , 103, 4405-4415	5.7	7
29	Improving the contents of the active components and bioactivities of <i>Chrysanthemum morifolium</i> Ramat.: The effects of drying methods. <i>Food Bioscience</i> , 2019 , 29, 9-16	4.9	6
28	Effect of temperature on morphology, ginsenosides biosynthesis, functional genes, and transcriptional factors expression in <i>Panax ginseng</i> adventitious roots. <i>Journal of Food Biochemistry</i> , 2019 , 43, e12794	3.3	4
27	Dioscin-6FO-acetate inhibits lung cancer cell proliferation via inducing cell cycle arrest and caspase-dependent apoptosis. <i>Phytomedicine</i> , 2019 , 53, 124-133	6.5	13
26	Physicochemical characterizations of polysaccharides from <i>Angelica Sinensis Radix</i> under different drying methods for various applications. <i>International Journal of Biological Macromolecules</i> , 2019 , 121, 381-389	7.9	32
25	Pharmacokinetics and Bioavailability of the Isoflavones Formononetin and Ononin and Their in Vitro Absorption in Ussing Chamber and Caco-2 Cell Models. <i>Journal of Agricultural and Food Chemistry</i> , 2018 , 66, 2917-2924	5.7	31
24	Two new 18, 19-seco Triterpenoids from <i>Ilex asprella</i> (Hook. et Arn.) Champ. ex Benth. <i>Phytotherapy</i> , 2018 , 127, 42-46	3.2	
23	Characterization of UDP-Glycosyltransferase Involved in Biosynthesis of Ginsenosides Rg and Rb and Identification of Critical Conserved Amino Acid Residues for Its Function. <i>Journal of Agricultural and Food Chemistry</i> , 2018 , 66, 9446-9455	5.7	27
22	Antitumor and anti-metastatic mechanisms of <i>Rhizoma paridis</i> saponins in Lewis mice. <i>Environmental Toxicology</i> , 2018 , 33, 149-155	4.2	10
21	Renoprotective effect of JinQi-JiangTang tablet on high-fat diet and low-dose streptozotocin-induced type 2 diabetic rats.. <i>RSC Advances</i> , 2018 , 8, 41858-41871	3.7	1
20	Global metabolic profiling for the study of <i>Rhizoma Paridis</i> saponins-induced hepatotoxicity in rats. <i>Environmental Toxicology</i> , 2017 , 32, 99-108	4.2	14
19	Curcumin Attenuates N-Nitrosodiethylamine-Induced Liver Injury in Mice by Utilizing the Method of Metabonomics. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 2000-2007	5.7	26
18	Novel phenanthrene and isocoumarin from the rhizomes of <i>Dioscorea nipponica</i> Makino subsp. <i>rosthornii</i> (Prain et Burkill) C. T. Ting (Dioscoreaceae). <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017 , 27, 3595-3601	2.9	8
17	<i>Prunella vulgaris</i> L., an Edible and Medicinal Plant, Attenuates Scopolamine-Induced Memory Impairment in Rats. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 291-300	5.7	27
16	Study on the Bioactive Constituents and in vitro Antioxidant and in vivo Anti-inflammatory Activities of Extracts from the Fruits of <i>Ziziphus Jujuba</i> Mill. cv. <i>Jinsixiaozao</i> Hort. <i>Food Science and Technology Research</i> , 2017 , 23, 417-426	0.8	2
15	Fungal elicitors enhance ginsenosides biosynthesis, expression of functional genes as well as signal molecules accumulation in adventitious roots of <i>Panax ginseng</i> C. A. Mey. <i>Journal of Biotechnology</i> , 2016 , 239, 106-114	3.7	31
14	Overdose Intake of Curcumin Initiates the Unbalanced State of Bodies. <i>Journal of Agricultural and Food Chemistry</i> , 2016 , 64, 2765-71	5.7	20
13	Antihypertensive and cardioprotective effects of Cerebralcare granule on spontaneously hypertensive rats from the perspective of the gaseous triumvirate NO-CO-H ₂ S system. <i>Environmental Toxicology and Pharmacology</i> , 2016 , 41, 22-31	5.8	2

12	Curcumin alleviated the toxic reaction of Rhizoma Paridis saponins in a 45-day subchronic toxicological assessment of rats. <i>Environmental Toxicology</i> , 2016 , 31, 1935-1943	4.2	2
11	Inhibition of diethylnitrosamine-induced liver cancer in rats by Rhizoma paridis saponin. <i>Environmental Toxicology and Pharmacology</i> , 2016 , 46, 103-109	5.8	30
10	Turmeric enhancing anti-tumor effect of Rhizoma paridis saponins by influencing their metabolic profiling in tumors of H22 hepatocarcinoma mice. <i>Pathology Research and Practice</i> , 2015 , 211, 948-54	3.4	8
9	Inhibition of pulmonary adenoma in diethylnitrosamine-induced rats by Rhizoma paridis saponins. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2015 , 154, 62-7	5.1	12
8	Optimization and quality assessment of adventitious roots culture in Panax quinquefolium L.. <i>Acta Physiologiae Plantarum</i> , 2014 , 36, 713-719	2.6	17
7	Combination therapy of cyclophosphamide and Rhizoma Paridis Saponins on anti-hepatocarcinoma mice and effects on cytochrome p450 enzyme expression. <i>Steroids</i> , 2014 , 80, 1-6	2.8	7
6	The antitumor effect of formosanin C on HepG2 cell as revealed by 1H-NMR based metabolic profiling. <i>Chemico-Biological Interactions</i> , 2014 , 220, 193-9	5	27
5	Anti-fibrosis and anti-cirrhosis effects of Rhizoma paridis saponins on diethylnitrosamine induced rats. <i>Journal of Ethnopharmacology</i> , 2014 , 151, 407-12	5	26
4	Antitumor pathway of Rhizoma Paridis Saponins based on the metabolic regulatory network alterations in H22 hepatocarcinoma mice. <i>Steroids</i> , 2014 , 84, 17-21	2.8	24
3	Cluster analysis of ginseng tissue cultures, dynamic change of growth, total saponins, specific oxygen uptake rate in bioreactor and immuno-regulative effect of ginseng adventitious root. <i>Industrial Crops and Products</i> , 2013 , 41, 57-63	5.9	33
2	Production of flavonoids and polysaccharide by adding elicitor in different cellular cultivation processes of Glycyrrhiza uralensis Fisch. <i>Acta Physiologiae Plantarum</i> , 2013 , 35, 679-686	2.6	10
1	Comparison of ginsenoside composition in native roots and cultured callus cells of Panax quinquefolium L.. <i>Acta Physiologiae Plantarum</i> , 2013 , 35, 1363-1366	2.6	3