Wen-Yuan Gao

List of Publications by Citations

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	Inhibitor of Apoptosis Protein (IAP) Antagonists in Anticancer Agent Discovery: Current Status and Perspectives. *Journal of Medicinal Chemistry*, **2019**, 62, 5750-5772	8.3	49
46	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. *Industrial Crops and Products*, **2013**, 41, 57-63	5.9	33
45	Physicochemical characterizations of polysaccharides from Angelica Sinensis Radix under different drying methods for various applications. *International Journal of Biological Macromolecules*, **2019**, 121, 381-389	7.9	32
44	Pharmacokinetics and Bioavailability of the Isoflavones Formononetin and Ononin and Their in Vitro Absorption in Ussing Chamber and Caco-2 Cell Models. *Journal of Agricultural and Food Chemistry*, **2018**, 66, 2917-2924	5.7	31
43	Fungal elicitors enhance ginsenosides biosynthesis, expression of functional genes as well as signal molecules accumulation in adventitious roots of Panax ginseng C. A. Mey. *Journal of Biotechnology*, **2016**, 239, 106-114	3.7	31
42	Inhibition of diethylnitrosamine-induced liver cancer in rats by Rhizoma paridis saponin. *Environmental Toxicology and Pharmacology*, **2016**, 46, 103-109	5.8	30
41	Prunella vulgaris L., an Edible and Medicinal Plant, Attenuates Scopolamine-Induced Memory Impairment in Rats. *Journal of Agricultural and Food Chemistry*, **2017**, 65, 291-300	5.7	27
40	Characterization of UDP-Glycosyltransferase Involved in Biosynthesis of Ginsenosides Rg and Rb and Identification of Critical Conserved Amino Acid Residues for Its Function. *Journal of Agricultural and Food Chemistry*, **2018**, 66, 9446-9455	5.7	27
39	The antitumor effect of formosanin C on HepG2 cell as revealed by 1H-NMR based metabolic profiling. *Chemico-Biological Interactions*, **2014**, 220, 193-9	5	27
38	Curcumin Attenuates N-Nitrosodiethylamine-Induced Liver Injury in Mice by Utilizing the Method of Metabonomics. *Journal of Agricultural and Food Chemistry*, **2017**, 65, 2000-2007	5.7	26
37	Anti-fibrosis and anti-cirrhosis effects of Rhizoma paridis saponins on diethylnitrosamine induced rats. *Journal of Ethnopharmacology*, **2014**, 151, 407-12	5	26
36	Antitumor pathway of Rhizoma Paridis Saponins based on the metabolic regulatory network alterations in H22 hepatocarcinoma mice. *Steroids*, **2014**, 84, 17-21	2.8	24
35	Transcription factor NRF2 as a promising therapeutic target for Alzheimer's disease. *Free Radical Biology and Medicine*, **2020**, 159, 87-102	7.8	21
34	Overdose Intake of Curcumin Initiates the Unbalanced State of Bodies. *Journal of Agricultural and Food Chemistry*, **2016**, 64, 2765-71	5.7	20
33	Optimization and quality assessment of adventitious roots culture in Panax quinquefolium L.. *Acta Physiologiae Plantarum*, **2014**, 36, 713-719	2.6	17
32	Global metabolic profiling for the study of Rhizoma Paridis saponins-induced hepatotoxicity in rats. *Environmental Toxicology*, **2017**, 32, 99-108	4.2	14
31	Dioscin-6'-O-acetate inhibits lung cancer cell proliferation via inducing cell cycle arrest and caspase-dependent apoptosis. *Phytomedicine*, **2019**, 53, 124-133	6.5	13

30	Inhibition of pulmonary adenoma in diethylnitrosamine-induced rats by Rhizoma paridis saponins. *Journal of Steroid Biochemistry and Molecular Biology*, **2015**, 154, 62-7	5.1	12
29	Treatment for liver cancer: From sorafenib to natural products. *European Journal of Medicinal Chemistry*, **2021**, 224, 113690	6.8	12
28	A WRKY transcription factor, PgWRKY4X, positively regulates ginsenoside biosynthesis by activating squalene epoxidase transcription in Panax ginseng. *Industrial Crops and Products*, **2020**, 154, 112671	5.9	10
27	Production of flavonoids and polysaccharide by adding elicitor in different cellular cultivation processes of Glycyrrhiza uralensis Fisch. *Acta Physiologiae Plantarum*, **2013**, 35, 679-686	2.6	10
26	Antitumor and anti-metastatic mechanisms of Rhizoma paridis saponins in Lewis mice. *Environmental Toxicology*, **2018**, 33, 149-155	4.2	10
25	Diosgenyl Saponin Inducing Endoplasmic Reticulum Stress and Mitochondria-Mediated Apoptotic Pathways in Liver Cancer Cells. *Journal of Agricultural and Food Chemistry*, **2019**, 67, 11428-11435	5.7	9
24	Advances in biosynthesis of triterpenoid saponins in medicinal plants. *Chinese Journal of Natural Medicines*, **2020**, 18, 417-424	2.8	9
23	Novel phenanthrene and isocoumarin from the rhizomes of Dioscorea nipponica Makino subsp. rosthornii (Prain et Burkill) C. T. Ting (Dioscoreaceae). *Bioorganic and Medicinal Chemistry Letters*, **2017**, 27, 3595-3601	2.9	8
22	Turmeric enhancing anti-tumor effect of Rhizoma paridis saponins by influencing their metabolic profiling in tumors of H22 hepatocarcinoma mice. *Pathology Research and Practice*, **2015**, 211, 948-54	3.4	8
21	Screening and evaluation of adventitious root lines of Panax notoginseng by morphology, gene expression, and metabolite profiles. *Applied Microbiology and Biotechnology*, **2019**, 103, 4405-4415	5.7	7
20	Combination therapy of cyclophosphamide and Rhizoma Paridis Saponins on anti-hepatocarcinoma mice and effects on cytochrome p450 enzyme expression. *Steroids*, **2014**, 80, 1-6	2.8	7
19	Improving the contents of the active components and bioactivities of Chrysanthemum morifolium Ramat.: The effects of drying methods. *Food Bioscience*, **2019**, 29, 9-16	4.9	6
18	Exposure to a mixture of cigarette smoke carcinogens disturbs gut microbiota and influences metabolic homeostasis in A/J mice. *Chemico-Biological Interactions*, **2021**, 344, 109496	5	6
17	Promotion of ginsenosides production in a co-cultivation system of Panax ginseng adventitious roots and immobilized Aspergillus niger. *Industrial Crops and Products*, **2019**, 140, 111564	5.9	5
16	Effect of temperature on morphology, ginsenosides biosynthesis, functional genes, and transcriptional factors expression in Panax ginseng adventitious roots. *Journal of Food Biochemistry* , **2019**, 43, e12794	3.3	4
15	Endophytes, biotransforming microorganisms, and engineering microbial factories for triterpenoid saponins production. *Critical Reviews in Biotechnology*, **2021**, 41, 249-272	9.4	4
14	Comparison of ginsenoside composition in native roots and cultured callus cells of Panax quinquefolium L.. *Acta Physiologiae Plantarum*, **2013**, 35, 1363-1366	2.6	3
13	Structure-based molecular hybridization design of Keap1-Nrf2 inhibitors as novel protective agents of acute lung injury. *European Journal of Medicinal Chemistry*, **2021**, 222, 113599	6.8	3

12	Investigation on the chemical space of the substituted triazole thio-benzoxazepinone RIPK1 inhibitors.. *European Journal of Medicinal Chemistry*, **2022**, 236, 114345	6.8	3
11	Study on the Bioactive Constituents and in vitro Antioxidant and in vivo Anti-inflammatory Activities of Extracts from the Fruits of Ziziphus Jujuba Mill. cv. Jinsixiaozao Hort. *Food Science and Technology Research*, **2017**, 23, 417-426	0.8	2
10	Antihypertensive and cardioprotective effects of Cerebralcare granule on spontaneously hypertensive rats from the perspective of the gaseous triumvirate NO-CO-H2S system. *Environmental Toxicology and Pharmacology*, **2016**, 41, 22-31	5.8	2
9	Composition Changes in Fruit Dried by Different Methods. *Frontiers in Nutrition*, **2021**, 8, 737521	6.2	2
8	Curcumin alleviated the toxic reaction of Rhizoma Paridis saponins in a 45-day subchronic toxicological assessment of rats. *Environmental Toxicology*, **2016**, 31, 1935-1943	4.2	2
7	Microbiome-based screening and co-fermentation of rhizospheric microorganisms for highly ginsenoside Rg3 production. *Microbiological Research*, **2022**, 127054	5.3	2
6	Effects of Metal Nanoparticles and Other Preparative Materials in the Environment on Plants: From the Perspective of Improving Secondary Metabolites.. *Journal of Agricultural and Food Chemistry*, **2022**,	5.7	1
5	Enantiomeric profiling of a chiral benzothiazole necroptosis inhibitor. *Bioorganic and Medicinal Chemistry Letters*, **2021**, 43, 128084	2.9	1
4	Pharmacokinetics profiles of polyphyllin II and polyphyllin VII in rats by liquid chromatography with tandem mass spectrometry. *Biomedical Chromatography*, **2021**, 35, e5083	1.7	1
3	Renoprotective effect of JinQi-JiangTang tablet on high-fat diet and low-dose streptozotocin-induced type 2 diabetic rats.. *RSC Advances*, **2018**, 8, 41858-41871	3.7	1
2	Garlic oil blocks tobacco carcinogen 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone (NNK)-induced lung tumorigenesis by inducing phase II drug-metabolizing enzymes. *Food and Chemical Toxicology*, **2021**, 157, 112581	4.7	1
1	Two new 18, 19-seco Triterpenoids from Ilex asprella (Hook. et Arn.) Champ. ex Benth. *Fitoterapia*, **2018**, 127, 42-46	3.2	