Shuli Man

List of Publications by Citations

102 papers	1,911 citations	23 h-index	37 g-index
105 ext. papers	2,515 ext. citations	5 avg, IF	4.99 L-index

#	Paper	IF	Citations
102	Chemical study and medical application of saponins as anti-cancer agents. *Fitoterapia*, **2010**, 81, 703-14	3.2	265
101	Anticancer drugs from traditional toxic Chinese medicines. *Phytotherapy Research*, **2012**, 26, 1449-65	6.7	84
100	Antitumor and antimetastatic activities of Rhizoma Paridis saponins. *Steroids*, **2009**, 74, 1051-6	2.8	74
99	Characterization of steroidal saponins in saponin extract from Paris polyphylla by liquid chromatography tandem multi-stage mass spectrometry. *Analytical and Bioanalytical Chemistry*, **2009**, 395, 495-505	4.4	61
98	Curcumin-cyclodextrin complexes enhanced the anti-cancer effects of curcumin. *Environmental Toxicology and Pharmacology*, **2016**, 48, 31-38	5.8	59
97	Evaluation of protective effects of costunolide and dehydrocostuslactone on ethanol-induced gastric ulcer in mice based on multi-pathway regulation. *Chemico-Biological Interactions*, **2016**, 250, 68-77	5	53
96	Qualitative and quantitative determination of major saponins in Paris and Trillium by HPLC-ELSD and HPLC-MS/MS. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2010**, 878, 2943-8	3.2	51
95	Antioxidant and Antitumor Activities of the Extracts from Chinese Yam (Dioscorea opposite Thunb.) Flesh and Peel and the Effective Compounds. *Journal of Food Science*, **2016**, 81, H1553-64	3.4	46
94	The CRISPR/Cas9-facilitated multiplex pathway optimization (CFPO) technique and its application to improve the Escherichia coli xylose utilization pathway. *Metabolic Engineering*, **2017**, 43, 37-45	9.7	43
93	Chemosensitizing effect of Paris Saponin I on Camptothecin and 10-hydroxycamptothecin in lung cancer cells via p38 MAPK, ERK, and Akt signaling pathways. *European Journal of Medicinal Chemistry*, **2017**, 125, 760-769	6.8	37
92	Effects of nitrogen source and phosphate concentration on biomass and metabolites accumulation in adventitious root culture of Glycyrrhiza uralensis Fisch. *Acta Physiologiae Plantarum*, **2014**, 36, 915-921	2.6	34
91	Chemical composition and hypoglycaemic effect of polyphenol extracts from Litchi chinensis seeds. *Journal of Functional Foods*, **2016**, 22, 313-324	5.1	32
90	Formosanin C-inhibited pulmonary metastasis through repression of matrix metalloproteinases on mouse lung adenocarcinoma. *Cancer Biology and Therapy*, **2011**, 11, 592-8	4.6	31
89	Inhibition of diethylnitrosamine-induced liver cancer in rats by Rhizoma paridis saponin. *Environmental Toxicology and Pharmacology*, **2016**, 46, 103-109	5.8	30
88	Comparative study on hemostatic, cytotoxic and hemolytic activities of different species of Paris L. *Journal of Ethnopharmacology*, **2012**, 142, 789-94	5	28
87	Discovery of Myricetin as a Potent Inhibitor of Human Flap Endonuclease 1, Which Potentially Can Be Used as Sensitizing Agent against HT-29 Human Colon Cancer Cells. *Journal of Agricultural and Food Chemistry*, **2019**, 67, 1656-1665	5.7	27
86	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

85	CRISPR-Cas13a based bacterial detection platform: Sensing pathogen Staphylococcus aureus in food samples. *Analytica Chimica Acta*, **2020**, 1127, 225-233	6.6	27
84	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
83	Anti-fibrosis and anti-cirrhosis effects of Rhizoma paridis saponins on diethylnitrosamine induced rats. *Journal of Ethnopharmacology*, **2014**, 151, 407-12	5	26
82	Pharmacological evaluation of sedative-hypnotic activity and gastro-intestinal toxicity of Rhizoma Paridis saponins. *Journal of Ethnopharmacology*, **2012**, 144, 67-72	5	25
81	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
80	CRISPR-Cas12a-Powered Dual-Mode Biosensor for Ultrasensitive and Cross-validating Detection of Pathogenic Bacteria. *ACS Sensors*, **2021**, 6, 2920-2927	9.2	24
79	Analysis of bioactive components and pharmacokinetic study of herb-herb interactions in the traditional Chinese patent medicine Tongmai Yangxin Pill. *Journal of Pharmaceutical and Biomedical Analysis*, **2016**, 120, 364-73	3.5	23
78	Curcumin enhances the anti-cancer effects of Paris Saponin II in lung cancer cells. *Cell Proliferation*, **2018**, 51, e12458	7.9	22
77	A synergistic antitumor effect of polyphyllin I and formosanin C on hepatocarcinoma cells. *Bioorganic and Medicinal Chemistry Letters*, **2016**, 26, 4970-4975	2.9	20
76	Overdose Intake of Curcumin Initiates the Unbalanced State of Bodies. *Journal of Agricultural and Food Chemistry*, **2016**, 64, 2765-71	5.7	20
75	The mechanism for cleavage of three typical glucosidic bonds induced by hydroxyl free radical. *Carbohydrate Polymers*, **2017**, 178, 34-40	10.3	20
74	Chemical constituents and antitumor activity from Paris polyphylla Smith var. yunnanensis. *Natural Product Research*, **2017**, 31, 660-666	2.3	20
73	Formulation and in vitro absorption analysis of Rhizoma paridis steroidal saponins. *International Journal of Pharmaceutics*, **2013**, 441, 680-6	6.5	20
72	Inhibition of matrix metalloproteinases related to metastasis by diosgenyl and pennogenyl saponins. *Journal of Ethnopharmacology*, **2011**, 137, 1221-7	5	20
71	Saponin fraction isolated from Conyza blinii H.L. demonstrates strong anti-cancer activity that is due to its NF-B inhibition. *Biochemical and Biophysical Research Communications*, **2017**, 483, 779-785	3.4	19
70	Integration of logic gates to CRISPR/Cas12a system for rapid and sensitive detection of pathogenic bacterial genes. *Analytica Chimica Acta*, **2020**, 1125, 162-168	6.6	18
69	The protective effects of Aquilariae Lignum Resinatum extract on 5-Fuorouracil-induced intestinal mucositis in mice. *Phytomedicine*, **2019**, 54, 308-317	6.5	18
68	Friend or foe? The roles of inulin-type fructans. *Carbohydrate Polymers*, **2021**, 252, 117155	10.3	18

67	CRISPR-Cas based virus detection: Recent advances and perspectives. *Biosensors and Bioelectronics*, **2021**, 193, 113541	11.8	18
66	Optimization and quality assessment of adventitious roots culture in Panax quinquefolium L.. *Acta Physiologiae Plantarum*, **2014**, 36, 713-719	2.6	17
65	Preparative separation and purification of steroidal saponins in Paris polyphylla var. yunnanensis by macroporous adsorption resins. *Pharmaceutical Biology*, **2013**, 51, 899-905	3.8	17
64	Inhibition of lung cancer in diethylnitrosamine-induced mice by Rhizoma paridis saponins. *Molecular Carcinogenesis*, **2017**, 56, 1405-1413	5	16
63	Chemical analysis and anti-inflammatory comparison of the cell culture of Glycyrrhiza with its field cultivated variety. *Food Chemistry*, **2013**, 136, 513-7	8.5	16
62	Paris Saponin II induced apoptosis via activation of autophagy in human lung cancer cells. *Chemico-Biological Interactions*, **2016**, 253, 125-33	5	16
61	Systemic Perturbations of Key Metabolites in Type 2 Diabetic Rats Treated by Polyphenol Extracts from Litchi chinensis Seeds. *Journal of Agricultural and Food Chemistry*, **2017**, 65, 7698-7704	5.7	15
60	Identification of chemical constituents in Rhizoma Paridis Saponins and their oral administration in rat plasma by UPLC/Q-TOF/MS. *Biomedical Chromatography*, **2011**, 25, 712-9	1.7	15
59	Global metabolic profiling for the study of Rhizoma Paridis saponins-induced hepatotoxicity in rats. *Environmental Toxicology*, **2017**, 32, 99-108	4.2	14
58	Evaluation of the anti-cancer activity of the triterpenoidal saponin fraction isolated from the traditional Chinese medicine Conyza blinii H. L.. *RSC Advances*, **2017**, 7, 3408-3412	3.7	14
57	Combination treatment with Rhizoma Paridis and Rhizoma Curcuma longa extracts and 10-hydroxycamptothecin enhances the antitumor effect in H22 tumor model by increasing the plasma concentration. *Biomedicine and Pharmacotherapy*, **2016**, 83, 627-634	7.5	14
56	The synergistic anticancer effect of formosanin C and polyphyllin VII based on caspase-mediated cleavage of Beclin1 inhibiting autophagy and promoting apoptosis. *Cell Proliferation*, **2019**, 52, e12520	7.9	14
55	A cardiac glycoside HTF-1 isolated from Helleborus thibetanus Franch displays potent in vitro anti-cancer activity via caspase-9, MAPK and PI3K-Akt-mTOR pathways. *European Journal of Medicinal Chemistry*, **2018**, 158, 743-752	6.8	14
54	Combinatorial treatment of Rhizoma Paridis saponins and sorafenib overcomes the intolerance of sorafenib. *Journal of Steroid Biochemistry and Molecular Biology*, **2018**, 183, 159-166	5.1	13
53	Anti-cancer activity of Conyza blinii saponin against cervical carcinoma through MAPK/TGF-/Nrf2 signaling pathways. *Journal of Ethnopharmacology*, **2020**, 251, 112503	5	13
52	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
51	A triterpenoidal saponin fraction of Conyza blinii H.L. is a dual-targeting autophagy inhibitor for HeLa cells. *RSC Advances*, **2017**, 7, 24291-24297	3.7	12
50	Protective effect of magnolol on oxaliplatin-induced intestinal injury in mice. *Phytotherapy Research*, **2019**, 33, 1161-1172	6.7	12

49	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
48	Synergistic effects of Rhizoma Paridis and Rhizoma Curcuma longa on different animal tumor models. *Environmental Toxicology and Pharmacology*, **2014**, 38, 31-40	5.8	12
47	Utilization of metabonomics to identify serum biomarkers in murine H22 hepatocarcinoma and deduce antitumor mechanism of Rhizoma Paridis saponins. *Chemico-Biological Interactions*, **2016**, 256, 55-63	5	12
46	Treatment for liver cancer: From sorafenib to natural products. *European Journal of Medicinal Chemistry*, **2021**, 224, 113690	6.8	12
45	Effect of bioreactor angle and aeration rate on growth and hydromechanics parameters in bioreactor culture of ginseng suspension cells. *Acta Physiologiae Plantarum*, **2013**, 35, 1497-1501	2.6	11
44	Curcuma increasing antitumor effect of Rhizoma paridis saponins through absorptive enhancement of paridis saponins. *International Journal of Pharmaceutics*, **2013**, 454, 296-301	6.5	11
43	Simultaneous quantification of Polyphyllin D and Paris H, two potential antitumor active components in Paris polyphylla by liquid chromatography-tandem mass spectrometry and the application to pharmacokinetics in rats. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2012**, 905, 54-60	3.2	11
42	Metabolic regulatory network alterations reveal different therapeutic effects of cisplatin and Rhizoma paridis saponins in Lewis pulmonary adenoma mice. *RSC Advances*, **2016**, 6, 115029-115038	3.7	11
41	Inhibition of urethane-induced lung carcinogenesis in mice by a Rhizoma paridis saponin involved EGFR/PI3K/Akt pathway. *RSC Advances*, **2016**, 6, 92330-92334	3.7	10
40	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
39	Antitumor and anti-metastatic mechanisms of Rhizoma paridis saponins in Lewis mice. *Environmental Toxicology*, **2018**, 33, 149-155	4.2	10
38	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
37	Polyethyleneimine coated FeO magnetic nanoparticles induce autophagy, NF-Β and TGF- signaling pathway activation in HeLa cervical carcinoma cells via reactive oxygen species generation. *Biomaterials Science*, **2020**, 8, 201-211	7.4	9
36	A smartphone-based visual biosensor for CRISPR-Cas powered SARS-CoV-2 diagnostics. *Biosensors and Bioelectronics*, **2022**, 195, 113646	11.8	9
35	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
34	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
33	Paris saponin II-induced paraptosis-associated cell death increased the sensitivity of cisplatin. *Toxicology and Applied Pharmacology*, **2020**, 406, 115206	4.6	8
32	Paris saponin I inhibits proliferation and promotes apoptosis through down-regulating AKT activity in human non-small-cell lung cancer cells and inhibiting ERK expression in human small-cell lung cancer cells. *RSC Advances*, **2016**, 6, 70816-70824	3.7	7

31	Toxicological risks of Rhizoma paridis saponins in rats involved NF-Β and Nrf2 signaling. *RSC Advances*, **2016**, 6, 31889-31897	3.7	7
30	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
29	SERS-based CRISPR/Cas assay on microfluidic paper analytical devices for supersensitive detection of pathogenic bacteria in foods.. *Biosensors and Bioelectronics*, **2022**, 207, 114167	11.8	7
28	Curcumin-enhanced antitumor effects of sorafenib via regulating the metabolism and tumor microenvironment. *Food and Function*, **2020**, 11, 6422-6432	6.1	6
27	Identification of metabolic profiling of cell culture of licorice compared with its native one. *Analytical and Bioanalytical Chemistry*, **2013**, 405, 3321-9	4.4	6
26	Pathogenesis and therapeutic strategy in platinum resistance lung cancer. *Biochimica Et Biophysica Acta: Reviews on Cancer*, **2021**, 1876, 188577	11.2	6
25	Chemotaxonomic studies of 12 Dioscorea species from China by UHPLC-QTOF-MS/MS analysis. *Phytochemical Analysis*, **2020**, 31, 164-182	3.4	5
24	Polyphenol-Rich Extract from Seeds Alleviates Hypertension-Induced Renal Damage in Rats. *Journal of Agricultural and Food Chemistry*, **2021**, 69, 2138-2148	5.7	5
23	Optimization of balloon-type bubble bioreactor angle and methyl jasmonate concentration to enhance metabolite production in adventitious roots of Pseudostellaria heterophylla. *Research on Chemical Intermediates*, **2015**, 41, 5555-5563	2.8	4
22	Antihypertensive and renal protective effect of Shunaoxin pill combined with captopril on spontaneous hypertension rats. *Biomedicine and Pharmacotherapy*, **2020**, 125, 109977	7.5	4
21	Cardiac Glycoside Compound Isolated from Franch Displays Potent Toxicity against HeLa Cervical Carcinoma Cells through ROS-Independent Autophagy. *Chemical Research in Toxicology*, **2019**, 32, 2479-2487	4	4
20	Potential and promising anticancer drugs from adenosine and its analogs. *Drug Discovery Today*, **2021**, 26, 1490-1500	8.8	4
19	Modeling of the bacterial inactivation kinetics of dialdehyde cellulose in aqueous suspension. *International Journal of Biological Macromolecules*, **2018**, 116, 920-926	7.9	4
18	Influence of step-wise aeration treatment on biomass and bioactive compounds of Panax ginseng adventitious root in balloon-type bubble bioreactor. *Research on Chemical Intermediates*, **2015**, 41, 623-629	2.8	3
17	Tissue distribution, metabolism and absorption of Rhizoma Paridis Saponins in the rats. *Journal of Ethnopharmacology*, **2021**, 273, 114038	5	3
16	Dioscin-6′-O-acetate impairs migration of lung cancer cells through attenuations of MMP-2 and MMP-9 via NF-Β suppression. *Medicinal Chemistry Research*, **2019**, 28, 1-12	2.2	3
15	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
14	Effects of dynamic changes of nutrients on adventitious roots growth and periplocin accumulation in culture of Periploca sepium Bunge. *Acta Physiologiae Plantarum*, **2013**, 35, 3085-3090	2.6	2

13	Effects of Rhizoma Parisdis total saponins and its main compounds on gastric emptying via regulating muscarinic receptors in vitro and in vivo. *RSC Advances*, **2017**, 7, 41163-41175	3.7	2
12	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
11	Preparation and Characterization of Acylcaramel. *Journal of Agricultural and Food Chemistry*, **2019**, 67, 5614-5620	5.7	1
10	Component analysis and antiasthmatic effects of Huashanshen dripping pill. *Medicinal Chemistry Research*, **2020**, 29, 75-82	2.2	1
9	Shunaoxin pills improve the antihypertensive effect of nifedipine and alleviate its renal lipotoxicity in spontaneous hypertension rats. *Environmental Toxicology*, **2021**, 36, 386-395	4.2	1
8	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
7	Synthesis of novel diosgenyl saponin analogs and evaluation effects of rhamnose moeity on their cytotoxic activity. *Carbohydrate Research*, **2021**, 506, 108359	2.9	1
6	A novel halogenated adenosine analog 5'-BrDA displays potent toxicity against colon cancer cells in vivo and in vitro.. *Toxicology and Applied Pharmacology*, **2021**, 436, 115857	4.6	0
5	Effects of the polysaccharides extracted from Chinese yam (Thunb.) on cancer-related fatigue in mice. *Food and Function*, **2021**, 12, 10602-10614	6.1	0
4	Q-marker identification of Paris polyphylla var. yunnanensis (Franch.) Hand.-Mazz. in pulmonary metastasis of liver cancer mice.. *Journal of Ethnopharmacology*, **2022**, 115311	5	0
3	Three dimensional approach to investigating biological effects along energetic ion beam pathways. *Scientific Reports*, **2017**, 7, 44732	4.9	
2	Supplementary data for the mechanism for cleavage of three typical glucosidic bonds induced by hydroxyl free radical. *Data in Brief*, **2017**, 15, 414-418	1.2	
1	Use of partial least-squares discriminant analysis to study the effects of gradual scale-up of culture, and optimization of bioreactor angle and aeration volume on culture of Panax quinquefolium L. adventitious roots in a 5-L balloon-type bubble bioreactor. *Research on Chemical Intermediates*, **2015**, 41, 6707-6720	2.8	