

Shuli Man

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.

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	A smartphone-based visual biosensor for CRISPR-Cas powered SARS-CoV-2 diagnostics. <i>Biosensors and Bioelectronics</i> , 2022 , 195, 113646	11.8	9
101	SERS-based CRISPR/Cas assay on microfluidic paper analytical devices for supersensitive detection of pathogenic bacteria in foods.. <i>Biosensors and Bioelectronics</i> , 2022 , 207, 114167	11.8	7
100	Q-marker identification of <i>Paris polyphylla</i> var. <i>yunnanensis</i> (Franch.) Hand.-Mazz. in pulmonary metastasis of liver cancer mice.. <i>Journal of Ethnopharmacology</i> , 2022 , 115311	5	0
99	A novel halogenated adenosine analog 5'-BrDA displays potent toxicity against colon cancer cells in vivo and in vitro.. <i>Toxicology and Applied Pharmacology</i> , 2021 , 436, 115857	4.6	0
98	Potential and promising anticancer drugs from adenosine and its analogs. <i>Drug Discovery Today</i> , 2021 , 26, 1490-1500	8.8	4
97	Tissue distribution, metabolism and absorption of Rhizoma <i>Paridis</i> Saponins in the rats. <i>Journal of Ethnopharmacology</i> , 2021 , 273, 114038	5	3
96	Friend or foe? The roles of inulin-type fructans. <i>Carbohydrate Polymers</i> , 2021 , 252, 117155	10.3	18
95	Shunaoxin pills improve the antihypertensive effect of nifedipine and alleviate its renal lipotoxicity in spontaneous hypertension rats. <i>Environmental Toxicology</i> , 2021 , 36, 386-395	4.2	1
94	Effects of the polysaccharides extracted from Chinese yam (Thunb.) on cancer-related fatigue in mice. <i>Food and Function</i> , 2021 , 12, 10602-10614	6.1	0
93	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
92	CRISPR-Cas12a-Powered Dual-Mode Biosensor for Ultrasensitive and Cross-validating Detection of Pathogenic Bacteria. <i>ACS Sensors</i> , 2021 , 6, 2920-2927	9.2	24
91	Synthesis of novel diosgenyl saponin analogs and evaluation effects of rhamnose moiety on their cytotoxic activity. <i>Carbohydrate Research</i> , 2021 , 506, 108359	2.9	1
90	Pathogenesis and therapeutic strategy in platinum resistance lung cancer. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2021 , 1876, 188577	11.2	6
89	Treatment for liver cancer: From sorafenib to natural products. <i>European Journal of Medicinal Chemistry</i> , 2021 , 224, 113690	6.8	12
88	CRISPR-Cas based virus detection: Recent advances and perspectives. <i>Biosensors and Bioelectronics</i> , 2021 , 193, 113541	11.8	18
87	Polyphenol-Rich Extract from Seeds Alleviates Hypertension-Induced Renal Damage in Rats. <i>Journal of Agricultural and Food Chemistry</i> , 2021 , 69, 2138-2148	5.7	5
86	Integration of logic gates to CRISPR/Cas12a system for rapid and sensitive detection of pathogenic bacterial genes. <i>Analytica Chimica Acta</i> , 2020 , 1125, 162-168	6.6	18

85	Curcumin-enhanced antitumor effects of sorafenib via regulating the metabolism and tumor microenvironment. <i>Food and Function</i> , 2020 , 11, 6422-6432	6.1	6
84	Antihypertensive and renal protective effect of Shunaoxin pill combined with captopril on spontaneous hypertension rats. <i>Biomedicine and Pharmacotherapy</i> , 2020 , 125, 109977	7.5	4
83	Component analysis and antiasthmatic effects of Huashanshen dripping pill. <i>Medicinal Chemistry Research</i> , 2020 , 29, 75-82	2.2	1
82	Polyethyleneimine coated FeO magnetic nanoparticles induce autophagy, NF- κ B and TGF- β signaling pathway activation in HeLa cervical carcinoma cells via reactive oxygen species generation. <i>Biomaterials Science</i> , 2020 , 8, 201-211	7.4	9
81	Anti-cancer activity of Conyza blinii saponin against cervical carcinoma through MAPK/TGF- β /Nrf2 signaling pathways. <i>Journal of Ethnopharmacology</i> , 2020 , 251, 112503	5	13
80	Paris saponin II-induced paraptosis-associated cell death increased the sensitivity of cisplatin. <i>Toxicology and Applied Pharmacology</i> , 2020 , 406, 115206	4.6	8
79	CRISPR-Cas13a based bacterial detection platform: Sensing pathogen Staphylococcus aureus in food samples. <i>Analytica Chimica Acta</i> , 2020 , 1127, 225-233	6.6	27
78	Chemotaxonomic studies of 12 Dioscorea species from China by UHPLC-QTOF-MS/MS analysis. <i>Phytochemical Analysis</i> , 2020 , 31, 164-182	3.4	5
77	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
76	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. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 1656-1665	5.7	27
75	Preparation and Characterization of Acylcaramel. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 5614-5620	5.7	1
74	Protective effect of magnolol on oxaliplatin-induced intestinal injury in mice. <i>Phytotherapy Research</i> , 2019 , 33, 1161-1172	6.7	12
73	The protective effects of Aquilariae Lignum Resinatum extract on 5-Fuorouracil-induced intestinal mucositis in mice. <i>Phytomedicine</i> , 2019 , 54, 308-317	6.5	18
72	Cardiac Glycoside Compound Isolated from Franch Displays Potent Toxicity against HeLa Cervical Carcinoma Cells through ROS-Independent Autophagy. <i>Chemical Research in Toxicology</i> , 2019 , 32, 2479-2487	4.1	4
71	Dioscin-6'-O-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
70	Dioscin-6'-O-acetate impairs migration of lung cancer cells through attenuations of MMP-2 and MMP-9 via NF- κ B suppression. <i>Medicinal Chemistry Research</i> , 2019 , 28, 1-12	2.2	3
69	The synergistic anticancer effect of formosanin C and polyphyllin VII based on caspase-mediated cleavage of Beclin1 inhibiting autophagy and promoting apoptosis. <i>Cell Proliferation</i> , 2019 , 52, e12520	7.9	14
68	Curcumin enhances the anti-cancer effects of Paris Saponin II in lung cancer cells. <i>Cell Proliferation</i> , 2018 , 51, e12458	7.9	22

67	Combinatorial treatment of Rhizoma Paridis saponins and sorafenib overcomes the intolerance of sorafenib. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018 , 183, 159-166	5.1	13
66	Antitumor and anti-metastatic mechanisms of Rhizoma paridis saponins in Lewis mice. <i>Environmental Toxicology</i> , 2018 , 33, 149-155	4.2	10
65	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. <i>European Journal of Medicinal Chemistry</i> , 2018 , 158, 743-752	6.8	14
64	Modeling of the bacterial inactivation kinetics of dialdehyde cellulose in aqueous suspension. <i>International Journal of Biological Macromolecules</i> , 2018 , 116, 920-926	7.9	4
63	Global metabolic profiling for the study of Rhizoma Paridis saponins-induced hepatotoxicity in rats. <i>Environmental Toxicology</i> , 2017 , 32, 99-108	4.2	14
62	Saponin fraction isolated from Conyza blinii H.L. demonstrates strong anti-cancer activity that is due to its NF- κ B inhibition. <i>Biochemical and Biophysical Research Communications</i> , 2017 , 483, 779-785	3.4	19
61	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
60	A triterpenoidal saponin fraction of Conyza blinii H.L. is a dual-targeting autophagy inhibitor for HeLa cells. <i>RSC Advances</i> , 2017 , 7, 24291-24297	3.7	12
59	Novel phenanthrene and isocoumarin from the rhizomes of Dioscorea nipponica Makino subsp. rosthornii (Prain et Burkill) C. T. Ting (Dioscoreaceae). <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017 , 27, 3595-3601	2.9	8
58	Three dimensional approach to investigating biological effects along energetic ion beam pathways. <i>Scientific Reports</i> , 2017 , 7, 44732	4.9	
57	Evaluation of the anti-cancer activity of the triterpenoidal saponin fraction isolated from the traditional Chinese medicine Conyza blinii H. L.. <i>RSC Advances</i> , 2017 , 7, 3408-3412	3.7	14
56	Inhibition of lung cancer in diethylnitrosamine-induced mice by Rhizoma paridis saponins. <i>Molecular Carcinogenesis</i> , 2017 , 56, 1405-1413	5	16
55	Supplementary data for the mechanism for cleavage of three typical glucosidic bonds induced by hydroxyl free radical. <i>Data in Brief</i> , 2017 , 15, 414-418	1.2	
54	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. <i>Food Science and Technology Research</i> , 2017 , 23, 417-426	0.8	2
53	The mechanism for cleavage of three typical glucosidic bonds induced by hydroxyl free radical. <i>Carbohydrate Polymers</i> , 2017 , 178, 34-40	10.3	20
52	Effects of Rhizoma Paridis total saponins and its main compounds on gastric emptying via regulating muscarinic receptors in vitro and in vivo. <i>RSC Advances</i> , 2017 , 7, 41163-41175	3.7	2
51	Systemic Perturbations of Key Metabolites in Type 2 Diabetic Rats Treated by Polyphenol Extracts from Litchi chinensis Seeds. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 7698-7704	5.7	15
50	The CRISPR/Cas9-facilitated multiplex pathway optimization (CFPO) technique and its application to improve the Escherichia coli xylose utilization pathway. <i>Metabolic Engineering</i> , 2017 , 43, 37-45	9.7	43

49	Chemical constituents and antitumor activity from Paris polyphylla Smith var. yunnanensis. <i>Natural Product Research</i> , 2017 , 31, 660-666	2.3	20
48	Chemosensitizing effect of Paris Saponin I on Camptothecin and 10-hydroxycamptothecin in lung cancer cells via p38 MAPK, ERK, and Akt signaling pathways. <i>European Journal of Medicinal Chemistry</i> , 2017 , 125, 760-769	6.8	37
47	A synergistic antitumor effect of polyphyllin I and formosanin C on hepatocarcinoma cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016 , 26, 4970-4975	2.9	20
46	Inhibition of urethane-induced lung carcinogenesis in mice by a Rhizoma paridis saponin involved EGFR/PI3K/Akt pathway. <i>RSC Advances</i> , 2016 , 6, 92330-92334	3.7	10
45	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. <i>RSC Advances</i> , 2016 , 6, 70816-70824	3.7	7
44	Toxicological risks of Rhizoma paridis saponins in rats involved NF- κ B and Nrf2 signaling. <i>RSC Advances</i> , 2016 , 6, 31889-31897	3.7	7
43	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
42	Chemical composition and hypoglycaemic effect of polyphenol extracts from Litchi chinensis seeds. <i>Journal of Functional Foods</i> , 2016 , 22, 313-324	5.1	32
41	Evaluation of protective effects of costunolide and dehydrocostuslactone on ethanol-induced gastric ulcer in mice based on multi-pathway regulation. <i>Chemico-Biological Interactions</i> , 2016 , 250, 68-77	5	53
40	Analysis of bioactive components and pharmacokinetic study of herb-herb interactions in the traditional Chinese patent medicine Tongmai Yangxin Pill. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016 , 120, 364-73	3.5	23
39	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
38	Utilization of metabonomics to identify serum biomarkers in murine H22 hepatocarcinoma and deduce antitumor mechanism of Rhizoma Paridis saponins. <i>Chemico-Biological Interactions</i> , 2016 , 256, 55-63	5	12
37	Antioxidant and Antitumor Activities of the Extracts from Chinese Yam (<i>Dioscorea opposita</i> Thunb.) Flesh and Peel and the Effective Compounds. <i>Journal of Food Science</i> , 2016 , 81, H1553-64	3.4	46
36	Metabolic regulatory network alterations reveal different therapeutic effects of cisplatin and Rhizoma paridis saponins in Lewis pulmonary adenoma mice. <i>RSC Advances</i> , 2016 , 6, 115029-115038	3.7	11
35	Paris Saponin II induced apoptosis via activation of autophagy in human lung cancer cells. <i>Chemico-Biological Interactions</i> , 2016 , 253, 125-33	5	16
34	Curcumin-cyclodextrin complexes enhanced the anti-cancer effects of curcumin. <i>Environmental Toxicology and Pharmacology</i> , 2016 , 48, 31-38	5.8	59
33	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. <i>Biomedicine and Pharmacotherapy</i> , 2016 , 83, 627-634	7.5	14
32	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

31	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
30	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
29	Influence of step-wise aeration treatment on biomass and bioactive compounds of Panax ginseng adventitious root in balloon-type bubble bioreactor. <i>Research on Chemical Intermediates</i> , 2015 , 41, 623-629	2.8	3
28	Optimization of balloon-type bubble bioreactor angle and methyl jasmonate concentration to enhance metabolite production in adventitious roots of Pseudostellaria heterophylla. <i>Research on Chemical Intermediates</i> , 2015 , 41, 5555-5563	2.8	4
27	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. <i>Research on Chemical Intermediates</i> , 2015 , 41, 6707-6720	2.8	
26	Optimization and quality assessment of adventitious roots culture in Panax quinquefolium L.. <i>Acta Physiologiae Plantarum</i> , 2014 , 36, 713-719	2.6	17
25	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
24	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
23	Synergistic effects of Rhizoma Paridis and Rhizoma Curcuma longa on different animal tumor models. <i>Environmental Toxicology and Pharmacology</i> , 2014 , 38, 31-40	5.8	12
22	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
21	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
20	Effects of nitrogen source and phosphate concentration on biomass and metabolites accumulation in adventitious root culture of Glycyrrhiza uralensis Fisch. <i>Acta Physiologiae Plantarum</i> , 2014 , 36, 915-921	2.6	34
19	Identification of metabolic profiling of cell culture of licorice compared with its native one. <i>Analytical and Bioanalytical Chemistry</i> , 2013 , 405, 3321-9	4.4	6
18	Effects of dynamic changes of nutrients on adventitious roots growth and periplocin accumulation in culture of Periploca sepium Bunge. <i>Acta Physiologiae Plantarum</i> , 2013 , 35, 3085-3090	2.6	2
17	Effect of bioreactor angle and aeration rate on growth and hydromechanics parameters in bioreactor culture of ginseng suspension cells. <i>Acta Physiologiae Plantarum</i> , 2013 , 35, 1497-1501	2.6	11
16	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
15	Preparative separation and purification of steroidal saponins in Paris polyphylla var. yunnanensis by macroporous adsorption resins. <i>Pharmaceutical Biology</i> , 2013 , 51, 899-905	3.8	17
14	Chemical analysis and anti-inflammatory comparison of the cell culture of Glycyrrhiza with its field cultivated variety. <i>Food Chemistry</i> , 2013 , 136, 513-7	8.5	16

13	Curcuma increasing antitumor effect of Rhizoma paridis saponins through absorptive enhancement of paridis saponins. <i>International Journal of Pharmaceutics</i> , 2013 , 454, 296-301	6.5	11
12	Formulation and in vitro absorption analysis of Rhizoma paridis steroidal saponins. <i>International Journal of Pharmaceutics</i> , 2013 , 441, 680-6	6.5	20
11	Comparative study on hemostatic, cytotoxic and hemolytic activities of different species of Paris L. <i>Journal of Ethnopharmacology</i> , 2012 , 142, 789-94	5	28
10	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. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012 , 905, 54-60	3.2	11
9	Pharmacological evaluation of sedative-hypnotic activity and gastro-intestinal toxicity of Rhizoma Paridis saponins. <i>Journal of Ethnopharmacology</i> , 2012 , 144, 67-72	5	25
8	Anticancer drugs from traditional toxic Chinese medicines. <i>Phytotherapy Research</i> , 2012 , 26, 1449-65	6.7	84
7	Inhibition of matrix metalloproteinases related to metastasis by diosgenyl and pennogenyl saponins. <i>Journal of Ethnopharmacology</i> , 2011 , 137, 1221-7	5	20
6	Identification of chemical constituents in Rhizoma Paridis Saponins and their oral administration in rat plasma by UPLC/Q-TOF/MS. <i>Biomedical Chromatography</i> , 2011 , 25, 712-9	1.7	15
5	Formosanin C-inhibited pulmonary metastasis through repression of matrix metalloproteinases on mouse lung adenocarcinoma. <i>Cancer Biology and Therapy</i> , 2011 , 11, 592-8	4.6	31
4	Chemical study and medical application of saponins as anti-cancer agents. <i>Phytotherapy Research</i> , 2010 , 81, 703-14	3.2	265
3	Qualitative and quantitative determination of major saponins in Paris and Trillium by HPLC-ELSD and HPLC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010 , 878, 2943-8	3.2	51
2	Characterization of steroidal saponins in saponin extract from Paris polyphylla by liquid chromatography tandem multi-stage mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2009 , 395, 495-505	4.4	61
1	Antitumor and antimetastatic activities of Rhizoma Paridis saponins. <i>Steroids</i> , 2009 , 74, 1051-6	2.8	74