Jiang

List of Publications by Year in Descending Order

43 papers	871 citations	18 h-index	27 g-index
45 ext. papers	1,247 ext. citations	5.8 avg, IF	4.36 L-index

#	Paper	IF	Citations
43	A smartphone-based visual biosensor for CRISPR-Cas powered SARS-CoV-2 diagnostics. *Biosensors and Bioelectronics*, **2022**, 195, 113646	11.8	9
42	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
41	Tissue distribution, metabolism and absorption of Rhizoma Paridis Saponins in the rats. *Journal of Ethnopharmacology*, **2021**, 273, 114038	5	3
40	CRISPR-Cas12a-Powered Dual-Mode Biosensor for Ultrasensitive and Cross-validating Detection of Pathogenic Bacteria. *ACS Sensors*, **2021**, 6, 2920-2927	9.2	24
39	Treatment for liver cancer: From sorafenib to natural products. *European Journal of Medicinal Chemistry*, **2021**, 224, 113690	6.8	12
38	CRISPR-Cas based virus detection: Recent advances and perspectives. *Biosensors and Bioelectronics*, **2021**, 193, 113541	11.8	18
37	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
36	Anti-cancer activity of Conyza blinii saponin against cervical carcinoma through MAPK/TGF-/Nrf2 signaling pathways. *Journal of Ethnopharmacology*, **2020**, 251, 112503	5	13
35	CRISPR-Cas13a based bacterial detection platform: Sensing pathogen Staphylococcus aureus in food samples. *Analytica Chimica Acta*, **2020**, 1127, 225-233	6.6	27
34	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
33	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
32	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
31	Dioscin-6-O-acetate impairs migration of lung cancer cells through attenuations of MMP-2 and MMP-9 via NF-B suppression. *Medicinal Chemistry Research*, **2019**, 28, 1-12	2.2	3
30	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
29	Curcumin enhances the anti-cancer effects of Paris Saponin II in lung cancer cells. *Cell Proliferation*, **2018**, 51, e12458	7.9	22
28	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
27	Antitumor and anti-metastatic mechanisms of Rhizoma paridis saponins in Lewis mice. *Environmental Toxicology*, **2018**, 33, 149-155	4.2	10

26	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
25	Modeling of the bacterial inactivation kinetics of dialdehyde cellulose in aqueous suspension. *International Journal of Biological Macromolecules*, **2018**, 116, 920-926	7.9	4
24	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
23	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
22	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
21	Inhibition of lung cancer in diethylnitrosamine-induced mice by Rhizoma paridis saponins. *Molecular Carcinogenesis*, **2017**, 56, 1405-1413	5	16
20	Polyethylenimine-coated FeO nanoparticles effectively quench fluorescent DNA, which can be developed as a novel platform for protein detection. *Nanoscale*, **2017**, 9, 17699-17703	7.7	12
19	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
18	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
17	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
16	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
15	Toxicological risks of Rhizoma paridis saponins in rats involved NF-B and Nrf2 signaling. *RSC Advances*, **2016**, 6, 31889-31897	3.7	7
14	A new acetylated spirostanol saponin and other constituents from the rhizomes of Dioscorea althaeoides R. Knuth (Dioscoreaceae). *Biochemical Systematics and Ecology*, **2016**, 65, 17-22	1.4	8
13	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
12	Curcumin-cyclodextrin complexes enhanced the anti-cancer effects of curcumin. *Environmental Toxicology and Pharmacology*, **2016**, 48, 31-38	5.8	59
11	Inhibition of diethylnitrosamine-induced liver cancer in rats by Rhizoma paridis saponin. *Environmental Toxicology and Pharmacology*, **2016**, 46, 103-109	5.8	30
10	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
9	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

8	Anti-fibrosis and anti-cirrhosis effects of Rhizoma paridis saponins on diethylnitrosamine induced rats. *Journal of Ethnopharmacology*, **2014**, 151, 407-12	5	26
7	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
6	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
5	Anticancer drugs from traditional toxic Chinese medicines. *Phytotherapy Research*, **2012**, 26, 1449-65	6.7	84
4	Inhibition of matrix metalloproteinases related to metastasis by diosgenyl and pennogenyl saponins. *Journal of Ethnopharmacology*, **2011**, 137, 1221-7	5	20
3	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
2	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
1	Antitumor and antimetastatic activities of Rhizoma Paridis saponins. *Steroids*, **2009**, 74, 1051-6	2.8	74