

Siwang Wang

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.

66

papers

1,165

citations

19

h-index

32

g-index

68

ext. papers

1,433

ext. citations

4.3

avg, IF

4.3

L-index

#	Paper	IF	Citations
66	Tetrahydroxystilbene glycoside improves endothelial dysfunction and hypertension in obese rats: The role of omentin-1. <i>Biochemical Pharmacology</i> , 2021 , 186, 114489	6	2
65	Pharmacokinetic characteristics of hydroxysafflor yellow A in normal and diabetic cardiomyopathy mice. <i>Biomedical Chromatography</i> , 2021 , 35, e5173	1.7	0
64	Feiyangchangweiyuan capsule protects against ulcerative colitis in mice by modulating the OSM/OSMR pathway and improving gut microbiota. <i>Phytomedicine</i> , 2021 , 80, 153372	6.5	4
63	Taohuajing reduces oxidative stress and inflammation in diabetic cardiomyopathy through the sirtuin 1/nucleotide-binding oligomerization domain-like receptor protein 3 pathway. <i>BMC Complementary Medicine and Therapies</i> , 2021 , 21, 78	2.9	3
62	Study on active components of mulberry leaf for the prevention and treatment of cardiovascular complications of diabetes. <i>Journal of Functional Foods</i> , 2021 , 83, 104549	5.1	4
61	Bufalin induces mitochondrial dysfunction and promotes apoptosis of glioma cells by regulating Annexin A2 and DRP1 protein expression. <i>Cancer Cell International</i> , 2021 , 21, 424	6.4	1
60	Yohimbine hydrochloride inhibits benign prostatic hyperplasia by downregulating steroid 5 β -reductase type 2. <i>European Journal of Pharmacology</i> , 2021 , 908, 174334	5.3	2
59	Tetrahydroxystilbene Glucoside Ameliorates Infrasound-Induced Central Nervous System (CNS) Injury by Improving Antioxidant and Anti-Inflammatory Capacity. <i>Oxidative Medicine and Cellular Longevity</i> , 2020 , 2020, 6576718	6.7	3
58	Curcumol enhances the sensitivity of doxorubicin in triple-negative breast cancer via regulating the miR-181b-2-3p-ABCC3 axis. <i>Biochemical Pharmacology</i> , 2020 , 174, 113795	6	31
57	ALDH2 protects naturally aged mouse retina inhibiting oxidative stress-related apoptosis and enhancing unfolded protein response in endoplasmic reticulum. <i>Aging</i> , 2020 , 13, 2750-2767	5.6	6
56	Sanbai Melon Seed Oil Exerts Its Protective Effects in a Diabetes Mellitus Model via the Akt/GSK-3/Nrf2 Pathway. <i>Journal of Diabetes Research</i> , 2019 , 2019, 5734723	3.9	7
55	Tetrahydrocurcumin Ameliorates Diabetic Cardiomyopathy by Attenuating High Glucose-Induced Oxidative Stress and Fibrosis via Activating the SIRT1 Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2019 , 2019, 6746907	6.7	47
54	EN-Oxalyl-L-Proteindiaminopropionic acid from Panax notoginseng plays a major role in the treatment of type 2 diabetic nephropathy. <i>Biomedicine and Pharmacotherapy</i> , 2019 , 114, 108801	7.5	4
53	Fushiming Capsule Attenuates Diabetic Rat Retina Damage via Antioxidation and Anti-Inflammation. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019 , 2019, 5376439	2.3	5
52	Bufalin-Loaded PEGylated Liposomes: Antitumor Efficacy, Acute Toxicity, and Tissue Distribution. <i>Nanoscale Research Letters</i> , 2019 , 14, 223	5	7
51	The Anti-Inflammatory Effect of Feiyangchangweiyuan Capsule and Its Main Components on Pelvic Inflammatory Disease in Rats via the Regulation of the NF- κ B and BAX/BCL-2 Pathway. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019 , 2019, 9585727	2.3	1
50	Acacia catechu (L.f.) Willd and Scutellaria baicalensis Georgi extracts suppress LPS-induced pro-inflammatory responses through NF- κ B, MAPK, and PI3K-Akt signaling pathways in alveolar epithelial type II cells. <i>Phytotherapy Research</i> , 2019 , 33, 3251-3260	6.7	7

49	Tetrahydroxystilbene glucoside-induced relaxation of the superior mesenteric artery via both endothelium-dependent and endothelium-independent mechanisms. <i>Microvascular Research</i> , 2019 , 123, 42-49	3.7	3
48	Dietary restriction slightly affects glucose homeostasis and delays plasma cholesterol removal in rabbits with dietary lipid lowering. <i>Applied Physiology, Nutrition and Metabolism</i> , 2018 , 43, 996-1002	3	2
47	Antidiabetic Activity and Chemical Composition of Melon Seed Oil. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018 , 2018, 5434156	2.3	6
46	Traditional Chinese herbal injection: Current status and future perspectives. <i>Phytotherapy</i> 2018 , 129, 249-256	5.2	37
45	Short-term use of atorvastatin affects glucose homeostasis and suppresses the expression of LDL receptors in the pancreas of mice. <i>Molecular Medicine Reports</i> , 2018 , 18, 2780-2788	2.9	3
44	Serum metabolomics study of the hepatoprotective effect of amarogentin on CCl ₄ -induced liver fibrosis in mice by GC-TOF-MS analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 149, 120-127	3.5	16
43	Fingerprint analysis and pharmacological evaluation of <i>Ailanthus altissima</i> . <i>International Journal of Molecular Medicine</i> , 2018 , 41, 3024-3032	4.4	3
42	Siji Antiviral Mixture Protects against CA16 Induced Brain Injury through Inhibiting PERK/STAT3/NF- κ B Pathway. <i>BioMed Research International</i> , 2018 , 2018, 8475463	3	0
41	ALDH2 attenuates early-stage STZ-induced aged diabetic rats retinas damage via Sirt1/Nrf2 pathway. <i>Life Sciences</i> , 2018 , 215, 227-235	6.8	20
40	The protective effects of acupoint gel embedding on rats with myocardial ischemia-reperfusion injury. <i>Life Sciences</i> , 2018 , 211, 51-62	6.8	11
39	CLZ-8, a potent small-molecular compound, protects radiation-induced damages both in vitro and in vivo. <i>Environmental Toxicology and Pharmacology</i> , 2018 , 61, 44-51	5.8	7
38	Anti-Inflammatory Effect of Feiyangchangweiyuan Capsule on Rat Pelvic Inflammatory Disease through JNK/NF- κ B Pathway. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018 , 2018, 8476147	2.3	1
37	2,3,5,4-Tetrahydroxystilbene-2-O- β -D-Glucoside Attenuates Ischemia/Reperfusion-Induced Brain Injury in Rats by Promoting Angiogenesis. <i>Planta Medica</i> , 2017 , 83, 676-683	3.1	11
36	Synthesis, characterization, and radioprotective activity of α -unsaturated aryl sulfone analogs and their Tempol conjugates. <i>MedChemComm</i> , 2017 , 8, 1063-1068	5	10
35	Improved Antitumor Efficacy and Pharmacokinetics of Bufalin via PEGylated Liposomes. <i>Nanoscale Research Letters</i> , 2017 , 12, 585	5	11
34	Tetrahydroxystilbene Glycoside Improves Microvascular Endothelial Dysfunction and Ameliorates Obesity-Associated Hypertension in Obese ZDF Rats Via Inhibition of Endothelial Autophagy. <i>Cellular Physiology and Biochemistry</i> , 2017 , 43, 293-307	3.9	17
33	Salidroside, a scavenger of ROS, enhances the radioprotective effect of Ex-RAD α via a p53-dependent apoptotic pathway. <i>Oncology Reports</i> , 2017 , 38, 3094-3102	3.5	5
32	Cinnamaldehyde ameliorates LPS-induced cardiac dysfunction via TLR4-NOX4 pathway: The regulation of autophagy and ROS production. <i>Journal of Molecular and Cellular Cardiology</i> , 2016 , 101, 11-24	5.8	72

31	Tetrahydroxystilbene Glucoside Inhibits Excessive Autophagy and Improves Microvascular Endothelial Dysfunction in Prehypertensive Spontaneously Hypertensive Rats. <i>The American Journal of Chinese Medicine</i> , 2016 , 44, 1393-1412	6	16
30	Inhibitory effects of Shengkang injection and its main component emodin on the proliferation of high glucose-induced renal mesangial cells through cell cycle regulation and induction of apoptosis. <i>Molecular Medicine Reports</i> , 2016 , 14, 3381-8	2.9	11
29	Cardiac stem cell transplantation with 2,3,5,4-Tetrahydroxystilbene-2-O-β-D-glucoside improves cardiac function in rat myocardial infarction model. <i>Life Sciences</i> , 2016 , 158, 37-45	6.8	14
28	Genistein alleviates lead-induced neurotoxicity in vitro and in vivo: Involvement of multiple signaling pathways. <i>NeuroToxicology</i> , 2016 , 53, 153-164	4.4	45
27	The Inhibitory Effect of Rhein on Proliferation of High Glucose-induced Mesangial Cell Through Cell Cycle Regulation and Induction of Cell Apoptosis. <i>Pharmacognosy Magazine</i> , 2016 , 12, S257-63	0.8	1
26	Evaluating Pharmacological Effects of Two Major Components of Shuangdan Oral Liquid: Role of Danshensu and Paeonol in Diabetic Nephropathy Rat. <i>Biomolecules and Therapeutics</i> , 2016 , 24, 536-42	4.2	8
25	TSG attenuates LPC-induced endothelial cells inflammatory damage through notch signaling inhibition. <i>IUBMB Life</i> , 2016 , 68, 37-50	4.7	17
24	MicroRNA-127-3p acts as a tumor suppressor in epithelial ovarian cancer by regulating the BAG5 gene. <i>Oncology Reports</i> , 2016 , 36, 2563-2570	3.5	37
23	Melatonin reduces PERK-eIF2α/ATF4-mediated endoplasmic reticulum stress during myocardial ischemia-reperfusion injury: role of RISK and SAFE pathways interaction. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2016 , 21, 809-24	5.4	55
22	Fingerprint analysis and quantitative determination of 16 constituents of Antike capsule by high-performance liquid chromatography-photodiode array detection. <i>Analytical Methods</i> , 2015 , 7, 6695-6704	3.2	2
21	Cinnamaldehyde in a Novel Intravenous Submicrometer Emulsion: Pharmacokinetics, Tissue Distribution, Antitumor Efficacy, and Toxicity. <i>Journal of Agricultural and Food Chemistry</i> , 2015 , 63, 6386-92	5.7	16
20	Tetramethylpyrazine (TMP) exerts antitumor effects by inducing apoptosis and autophagy in hepatocellular carcinoma. <i>International Immunopharmacology</i> , 2015 , 26, 212-20	5.8	31
19	Simultaneous determination of cinnamaldehyde and its metabolite in rat tissues by gas chromatography-mass spectrometry. <i>Biomedical Chromatography</i> , 2015 , 29, 182-7	1.7	15
18	Simultaneous Quantitative Determination of 12 Active Components in Yuanhu Zhitong Prescription by RP-HPLC Coupled with Photodiode Array Detection. <i>Pharmacognosy Magazine</i> , 2015 , 11, 61-8	0.8	7
17	Tetrahydroxystilbene glucoside extends mouse life span via upregulating neural klotho and downregulating neural insulin or insulin-like growth factor 1. <i>Neurobiology of Aging</i> , 2015 , 36, 1462-70	5.6	20
16	Angel of human health: current research updates in toad medicine. <i>American Journal of Translational Research (discontinued)</i> , 2015 , 7, 1-14	3	10
15	Pharmacokinetic study of cinnamaldehyde in rats by GC-MS after oral and intravenous administration. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014 , 89, 150-7	3.5	43
14	Immunoliposome co-delivery of bufalin and anti-CD40 antibody adjuvant induces synergetic therapeutic efficacy against melanoma. <i>International Journal of Nanomedicine</i> , 2014 , 9, 5683-700	7.3	17

13	Neuroprotective effects of tetramethylpyrazine against dopaminergic neuron injury in a rat model of Parkinson's disease induced by MPTP. <i>International Journal of Biological Sciences</i> , 2014 , 10, 350-7	11.2	61
12	MicroRNAs: a new key in lung cancer. <i>Cancer Chemotherapy and Pharmacology</i> , 2014 , 74, 1105-11	3.5	58
11	2,3,5,4-Tetrahydroxystilbene-2-O- β -D-glucoside protects human umbilical vein endothelial cells against lysophosphatidylcholine-induced apoptosis by upregulating superoxide dismutase and glutathione peroxidase. <i>IUBMB Life</i> , 2014 , 66, 711-22	4.7	25
10	Thinning of dermas with the increasing age may be against by tetrahydroxystilbene glucoside in mice. <i>International Journal of Clinical and Experimental Medicine</i> , 2014 , 7, 2017-24		2
9	Protective effects of cinnamic acid and cinnamic aldehyde on isoproterenol-induced acute myocardial ischemia in rats. <i>Journal of Ethnopharmacology</i> , 2013 , 150, 125-30	5	114
8	Traditional Chinese medicine for the treatment of primary dysmenorrhea: how do Yuanhu painkillers effectively treat dysmenorrhea?. <i>Phytomedicine</i> , 2013 , 20, 1095-104	6.5	33
7	GW24-e1281 Alpha-linolenic acid intake protects endothelial function in diabetic rats and the involved mechanisms. <i>Heart</i> , 2013 , 99, A93.1-A93	5.1	
6	Pharmacokinetics and Tissue Distribution Study of Tryptanthrin in Rats by RP-HPLC with DAD Detector. <i>Chromatographia</i> , 2012 , 75, 1415-1420	2.1	2
5	New antioxidant and antiglycation active triterpenoid saponins from the root bark of <i>Aralia taibaiensis</i> . <i>Phytotherapy</i> , 2012 , 83, 234-40	3.2	39
4	LC Tissue Distribution Study of Paeonol in Rats after Oral Administration. <i>Chromatographia</i> , 2011 , 73, 495-500	2.1	8
3	Brain Distribution Study of Imperatorin in Rats after Oral Administration Assessed by HPLC. <i>Chromatographia</i> , 2011 , 74, 259-265	2.1	9
2	Influence of cinnamaldehyde on viral myocarditis in mice. <i>American Journal of the Medical Sciences</i> , 2010 , 340, 114-20	2.2	20
1	Cinnamaldehyde reduction of platelet aggregation and thrombosis in rodents. <i>Thrombosis Research</i> , 2007 , 119, 337-42	8.2	60