

Juan Chen

List of Publications by Year in descending order

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49
papers

1,865
citations

185998

28
h-index

276539

41
g-index

50
all docs

50
docs citations

50
times ranked

2608
citing authors

#	ARTICLE	IF	CITATIONS
1	Scutellaria baicalensis Georgi polysaccharide ameliorates DSS-induced ulcerative colitis by improving intestinal barrier function and modulating gut microbiota. International Journal of Biological Macromolecules, 2021, 166, 1035-1045.	3.6	211
2	Ginsenoside Rg5 improves cognitive dysfunction and beta-amyloid deposition in STZ-induced memory impaired rats via attenuating neuroinflammatory responses. International Immunopharmacology, 2014, 19, 317-326.	1.7	104
3	Identification of Two Polysaccharides from Prunella vulgaris L. and Evaluation on Their Anti-Lung Adenocarcinoma Activity. Molecules, 2010, 15, 5093-5103.	1.7	71
4	The anti-inflammation effect of Moutan Cortex on advanced glycation end products-induced rat mesangial cells dysfunction and High-glucose-fat diet and streptozotocin-induced diabetic nephropathy rats. Journal of Ethnopharmacology, 2014, 151, 591-600.	2.0	70
5	Neuroprotective effect of paeonol on cognition deficits of diabetic encephalopathy in streptozotocin-induced diabetic rat. Neuroscience Letters, 2013, 549, 63-68.	1.0	66
6	Comparison on hypoglycemic and antioxidant activities of the fresh and dried Portulaca oleracea L. in insulin-resistant HepG2 cells and streptozotocin-induced C57BL/6J diabetic mice. Journal of Ethnopharmacology, 2015, 161, 214-223.	2.0	55
7	Structural characterization and in vitro hypoglycemic activity of a glucan from Euryale ferox Salisb. seeds. Carbohydrate Polymers, 2019, 209, 363-371.	5.1	54
8	Protection of glycyrrhizic acid against AGEs-induced endothelial dysfunction through inhibiting RAGE/NF- κ B pathway activation in human umbilical vein endothelial cells. Journal of Ethnopharmacology, 2013, 148, 27-36.	2.0	53
9	Paeoniflorin prevents endoplasmic reticulum stress-associated inflammation in lipopolysaccharide-stimulated human umbilical vein endothelial cells via the IRE1 \pm /NF- κ B signaling pathway. Food and Function, 2018, 9, 2386-2397.	2.1	53
10	Wedelolactone alleviates doxorubicin-induced inflammation and oxidative stress damage of podocytes by I κ B/NF- κ B pathway. Biomedicine and Pharmacotherapy, 2019, 117, 109088.	2.5	53
11	Antioxidant Activities of Total Phenols of Prunella vulgaris L. in Vitro and in Tumor-bearing Mice. Molecules, 2010, 15, 9145-9156.	1.7	51
12	Protection of tauroursodeoxycholic acid on high glucose-induced human retinal microvascular endothelial cells dysfunction and streptozotocin-induced diabetic retinopathy rats. Journal of Ethnopharmacology, 2016, 185, 162-170.	2.0	48
13	Combination of Ligusticum chuanxiong and Radix Paeoniae ameliorate focal cerebral ischemic in MCAO rats via endoplasmic reticulum stress-dependent apoptotic signaling pathway. Journal of Ethnopharmacology, 2016, 187, 313-324.	2.0	47
14	β -elemene regulates endoplasmic reticulum stress to induce the apoptosis of NSCLC cells through PERK/IRE1 \pm /ATF6 pathway. Biomedicine and Pharmacotherapy, 2017, 93, 490-497.	2.5	47
15	The Anti-Lung Cancer Activities of Steroidal Saponins of P. polyphylla Smith var. chinensis (Franch.) Hara through Enhanced Immunostimulation in Experimental Lewis Tumor-Bearing C57BL/6 Mice and Induction of Apoptosis in the A549 Cell Line. Molecules, 2013, 18, 12916-12936.	1.7	46
16	Anti-inflammatory effect of miltirone on inflammatory bowel disease via TLR4/NF- κ B/IQGAP2 signaling pathway. Biomedicine and Pharmacotherapy, 2017, 85, 531-540.	2.5	46
17	Ginseng improves cognitive deficit via the RAGE/NF- κ B pathway in advanced glycation end product-induced rats. Journal of Ginseng Research, 2015, 39, 116-124.	3.0	44
18	Sarcodon aspratus polysaccharides ameliorated obesity-induced metabolic disorders and modulated gut microbiota dysbiosis in mice fed a high-fat diet. Food and Function, 2020, 11, 2588-2602.	2.1	42

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19	Terpene glycoside component from Moutan Cortex ameliorates diabetic nephropathy by regulating endoplasmic reticulum stress-related inflammatory responses. <i>Journal of Ethnopharmacology</i> , 2016, 193, 433-444.	2.0	41
20	Paeoniflorin ameliorates AGEs-induced mesangial cell injury through inhibiting RAGE/mTOR/autophagy pathway. <i>Biomedicine and Pharmacotherapy</i> , 2017, 89, 1362-1369.	2.5	40
21	Regulation of different components from <i>Ophiopogon japonicus</i> on autophagy in human lung adenocarcinoma A549 Cells through PI3K/Akt/mTOR signaling pathway. <i>Biomedicine and Pharmacotherapy</i> , 2017, 87, 118-126.	2.5	38
22	Research on the pharmacodynamics and mechanism of Fraxini Cortex on hyperuricemia based on the regulation of URAT1 and GLUT9. <i>Biomedicine and Pharmacotherapy</i> , 2018, 106, 434-442.	2.5	38
23	Liquiritin attenuates advanced glycation end products-induced endothelial dysfunction via RAGE/NF- κ B pathway in human umbilical vein endothelial cells. <i>Molecular and Cellular Biochemistry</i> , 2013, 374, 191-201.	1.4	36
24	Crude terpene glycoside component from <i>Radix paeoniae rubra</i> protects against isoproterenol-induced myocardial ischemic injury via activation of the PI3K/AKT/mTOR signaling pathway. <i>Journal of Ethnopharmacology</i> , 2017, 206, 160-169.	2.0	36
25	Hederagenin from the leaves of ivy (<i>Hedera helix</i> L.) induces apoptosis in human LoVo colon cells through the mitochondrial pathway. <i>BMC Complementary and Alternative Medicine</i> , 2014, 14, 412.	3.7	34
26	Organic acid component from <i>Taraxacum mongolicum</i> Hand.-Mazz alleviates inflammatory injury in lipopolysaccharide-induced acute tracheobronchitis of ICR mice through TLR4/NF- κ B signaling pathway. <i>International Immunopharmacology</i> , 2016, 34, 92-100.	1.7	34
27	SIRT1 rs10823108 and FOXO1 rs17446614 responsible for genetic susceptibility to diabetic nephropathy. <i>Scientific Reports</i> , 2017, 7, 10285.	1.6	32
28	Wedelolactone protects human bronchial epithelial cell injury against cigarette smoke extract-induced oxidant stress and inflammation responses through Nrf2 pathway. <i>International Immunopharmacology</i> , 2015, 29, 648-655.	1.7	30
29	Amelioration of compound 4,4'-diphenylmethane-bis(methyl)carbamate on high mobility group box1-mediated inflammation and oxidant stress responses in human umbilical vein endothelial cells via RAGE/ERK1/2/NF- κ B pathway. <i>International Immunopharmacology</i> , 2013, 15, 206-216.	1.7	29
30	Screening for anti-inflammatory components from <i>Corydalis bungeana</i> Turcz. based on macrophage binding combined with HPLC. <i>BMC Complementary and Alternative Medicine</i> , 2015, 15, 363.	3.7	29
31	Moutan Cortex polysaccharide ameliorates diabetic kidney disease via modulating gut microbiota dynamically in rats. <i>International Journal of Biological Macromolecules</i> , 2022, 206, 849-860.	3.6	29
32	Protective effects of organic acid component from <i>Taraxacum mongolicum</i> Hand.-Mazz. against LPS-induced inflammation: Regulating the TLR4/IKK/NF- κ B signal pathway. <i>Journal of Ethnopharmacology</i> , 2016, 194, 395-402.	2.0	28
33	Fabrication of the polyphosphates patched cellulose sulfate-chitosan hydrochloride microcapsules and as vehicles for sustained drug release. <i>International Journal of Pharmaceutics</i> , 2019, 555, 291-302.	2.6	27
34	Combination of Active Components Enhances the Efficacy of <i>Prunella</i> in Prevention and Treatment of Lung Cancer. <i>Molecules</i> , 2010, 15, 7893-7906.	1.7	25
35	Anti-Lung Cancer Activity through Enhancement of Immunomodulation and Induction of Cell Apoptosis of Total Triterpenes Extracted from <i>Ganoderma lucidum</i> (Leyss. ex Fr.) Karst.. <i>Molecules</i> , 2013, 18, 9966-9981.	1.7	25
36	Characterization of a novel polysaccharide from Moutan Cortex and its ameliorative effect on AGEs-induced diabetic nephropathy. <i>International Journal of Biological Macromolecules</i> , 2021, 176, 589-600.	3.6	23

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37	Capture of anti-coagulant active ingredients from Moutan Cortex by platelet immobilized chromatography and evaluation of anticoagulant activity in rats. <i>Biomedicine and Pharmacotherapy</i> , 2017, 95, 235-244.	2.5	21
38	Polysaccharide SAFP from <i>Sarcodon aspratus</i> attenuates oxidative stress-induced cell damage and bleomycin-induced pulmonary fibrosis. <i>International Journal of Biological Macromolecules</i> , 2020, 164, 1215-1236.	3.6	19
39	The protective effect of <i>Smilax glabra</i> extract on advanced glycation end products-induced endothelial dysfunction in HUVECs via RAGE-ERK1/2-NF- κ B pathway. <i>Journal of Ethnopharmacology</i> , 2014, 155, 785-795.	2.0	16
40	New metabolite profiles of Danshensu in rats by ultraperformance liquid chromatography/quadrupole-time-of-flight mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 955-956, 20-25.	1.2	13
41	A review on the applications of Traditional Chinese medicine polysaccharides in drug delivery systems. <i>Chinese Medicine</i> , 2022, 17, 12.	1.6	12
42	Preventative Effects of 4,4'-Diphenylmethane-bis(methyl) Carbamate Isolated from Cortex Mori on Human Umbilical Vein Endothelial Cell Dysfunction Induced by Advanced Glycation End Products. <i>Phytotherapy Research</i> , 2012, 26, 412-419.	2.8	11
43	Competitive binding between 4,4'-diphenylmethane-bis(methyl) carbamate and RAGE ligand MG-H1 on human umbilical vein endothelial cell by cell membrane chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 881-882, 55-62.	1.2	8
44	The protection of 4,4'-diphenylmethane-bis(methyl) carbamate from Cortex Mori on advanced glycation end product-induced endothelial dysfunction: Via inhibiting AGE formation or blocking AGEs-RAGE axis?. <i>Phytotherapy Research</i> , 2013, 89, 239-249.	1.1	7
45	The effect and mechanism of combination of total paeony glycosides and total ligustici phenolic acids against focal cerebral ischemia. <i>Scientific Reports</i> , 2020, 10, 3689.	1.6	7
46	Erteng Tongbi Decoction ameliorates collagen-induced arthritis in mice via modulating T cell differentiation and cytokines balance. <i>Journal of Ethnopharmacology</i> , 2022, 286, 114928.	2.0	7
47	COMPONENTS SCREENING FROM <i>CURCUMA LONGA</i> LINN. AND THEIR BIOAFFINITY PROPERTY ON HUMAN UMBILICAL VEIN ENDOTHELIAL CELLS BY CELL MEMBRANE CHROMATOGRAPHY. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2013, 36, 2142-2155.	0.5	3
48	Reduction of 5-fluorouracil-induced toxicity by <i>Sarcodon aspratus</i> polysaccharides in Lewis tumor-bearing mice. <i>International Journal of Biological Macromolecules</i> , 2020, 163, 232-239.	3.6	3
49	N-Epsilon-(carboxymethyl)lysine is unable to induce endothelial dysfunction but is able to attenuate AGEs-induced endothelium damage in human umbilical vein endothelial cells. <i>Die Pharmazie</i> , 2013, 68, 251-6.	0.3	3