

Zhongxi Zhao

List of Publications by Year in descending order

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papers

1,128
citations

331642

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docs citations

46
times ranked

1526
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization and protective effect of Polygonatum sibiricum polysaccharide against cyclophosphamide-induced immunosuppression in Balb/c mice. International Journal of Biological Macromolecules, 2018, 107, 796-802.	7.5	113
2	Immuno-enhancement effects of Yifei Tongluo Granules on cyclophosphamide-induced immunosuppression in Balb/c mice. Journal of Ethnopharmacology, 2016, 194, 72-82.	4.1	70
3	Ergosterol attenuates cigarette smoke extract-induced COPD by modulating inflammation, oxidative stress and apoptosis <i>in vitro</i> and <i>in vivo</i> . Clinical Science, 2019, 133, 1523-1536.	4.3	66
4	Hepatoprotective effects of polysaccharides extracted from Zizyphus jujube cv. Huanghetanzao. International Journal of Biological Macromolecules, 2015, 76, 169-175.	7.5	57
5	Structural characterization and in vitro antitumor activity of polysaccharides from Zizyphus jujuba cv. Muzao. RSC Advances, 2015, 5, 7860-7867.	3.6	56
6	S-Allylmercaptocysteine Attenuates Cisplatin-Induced Nephrotoxicity through Suppression of Apoptosis, Oxidative Stress, and Inflammation. Nutrients, 2017, 9, 166.	4.1	52
7	Protective Effect of Flavonoids from Zizyphus jujuba cv. Jinsixiaozao against Acetaminophen-Induced Liver Injury by Inhibiting Oxidative Stress and Inflammation in Mice. Molecules, 2017, 22, 1781.	3.8	48
8	In vitro antioxidative and immunological activities of polysaccharides from Zizyphus Jujuba cv. Muzao. International Journal of Biological Macromolecules, 2017, 95, 1119-1125.	7.5	45
9	Protective Effect of Bergenin against Cyclophosphamide-Induced Immunosuppression by Immunomodulatory Effect and Antioxidation in Balb/c Mice. Molecules, 2018, 23, 2668.	3.8	44
10	Garlic-derived organosulfur compound exerts antitumor efficacy via activation of MAPK pathway and modulation of cytokines in SGC-7901 tumor-bearing mice. International Immunopharmacology, 2017, 48, 135-145.	3.8	42
11	Pharmacological Investigation of the Anti-Inflammation and Anti-Oxidation Activities of Diallyl Disulfide in a Rat Emphysema Model Induced by Cigarette Smoke Extract. Nutrients, 2018, 10, 79.	4.1	40
12	Nucleosides isolated from <i>Ophiocordyceps sinensis</i> inhibit cigarette smoke extract-induced inflammation via the SIRT1–nuclear factor-κB/p65 pathway in RAW264.7 macrophages and in COPD mice. International Journal of COPD, 2018, Volume 13, 2821-2832.	2.3	32
13	A targeted and redox/pH-responsive chitosan oligosaccharide derivatives based nanohybrids for overcoming multidrug resistance of breast cancer cells. Carbohydrate Polymers, 2021, 251, 117008.	10.2	32
14	S-allylmercaptocysteine suppresses the growth of human gastric cancer xenografts through induction of apoptosis and regulation of MAPK and PI3K/Akt signaling pathways. Biochemical and Biophysical Research Communications, 2017, 491, 821-826.	2.1	30
15	Antitumor mechanisms of S-allyl mercaptocysteine for breast cancer therapy. BMC Complementary and Alternative Medicine, 2014, 14, 270.	3.7	28
16	Nose-to-brain delivery of disulfiram nanoemulsion in situ gel formulation for glioblastoma targeting therapy. International Journal of Pharmaceutics, 2021, 597, 120250.	5.2	27
17	Allyl methyl disulfide inhibits IL-8 and IP-10 secretion in intestinal epithelial cells via the NF- κ B signaling pathway. International Immunopharmacology, 2015, 27, 156-163.	3.8	25
18	Diallyl Trisulfide Inhibits Growth of NCI-H460 <i>in Vitro</i> and <i>in Vivo</i> , and Ameliorates Cisplatin-Induced Oxidative Injury in the Treatment of Lung Carcinoma in Xenograft Mice. International Journal of Biological Sciences, 2017, 13, 167-178.	6.4	25

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19	Ergosterol Ameliorates Diabetic Nephropathy by Attenuating Mesangial Cell Proliferation and Extracellular Matrix Deposition via the TGF- β 1/Smad2 Signaling Pathway. <i>Nutrients</i> , 2019, 11, 483.	4.1	24
20	Poly (β -amino esters) based potential drug delivery and targeting polymer; an overview and perspectives (review). <i>European Polymer Journal</i> , 2020, 141, 110097.	5.4	24
21	S-allylmercaptocysteine ameliorates lipopolysaccharide-induced acute lung injury in mice by inhibiting inflammation and oxidative stress via nuclear factor kappa B and Keap1/Nrf2 pathways. <i>International Immunopharmacology</i> , 2020, 81, 106273.	3.8	24
22	Preparation of Ergosterol-Loaded Nanostructured Lipid Carriers for Enhancing Oral Bioavailability and Antidiabetic Nephropathy Effects. <i>AAPS PharmSciTech</i> , 2020, 21, 64.	3.3	22
23	Composition, antioxidant activities and hepatoprotective effects of the water extract of <i>Ziziphus jujuba</i> cv. Jinsixiaozao. <i>RSC Advances</i> , 2017, 7, 6511-6522.	3.6	18
24	A Nucleoside/Nucleobase-Rich Extract from <i>Cordyceps Sinensis</i> Inhibits the Epithelial-Mesenchymal Transition and Protects against Renal Fibrosis in Diabetic Nephropathy. <i>Molecules</i> , 2019, 24, 4119.	3.8	17
25	Methylallyl sulfone attenuates inflammation, oxidative stress and lung injury induced by cigarette smoke extract in mice and RAW264.7 cells. <i>International Immunopharmacology</i> , 2018, 59, 369-374.	3.8	16
26	Poly (β amino esters) copolymers: Novel potential vectors for delivery of genes and related therapeutics. <i>International Journal of Pharmaceutics</i> , 2022, 611, 121289.	5.2	14
27	S-allylmercapto- l -cysteine modulates MUC5AC and AQP5 secretions in a COPD model via NF- κ B signaling pathway. <i>International Immunopharmacology</i> , 2016, 39, 307-313.	3.8	13
28	Inhibitory effects of S-allylmercaptocysteine against benzo(a)pyrene-induced precancerous carcinogenesis in human lung cells. <i>International Immunopharmacology</i> , 2016, 34, 37-43.	3.8	13
29	<i>l</i> -Menthol alleviates cigarette smoke extract induced lung injury in rats by inhibiting oxidative stress and inflammation via nuclear factor kappa B, p38 MAPK and Nrf2 signalling pathways. <i>RSC Advances</i> , 2018, 8, 9353-9363.	3.6	13
30	Diallyl trisulfide inhibits naphthalene-induced oxidative injury and the production of inflammatory responses in A549 cells and mice. <i>International Immunopharmacology</i> , 2015, 29, 326-333.	3.8	12
31	The key role of macrophage depolarization in the treatment of COPD with ergosterol both in vitro and in vivo. <i>International Immunopharmacology</i> , 2020, 79, 106086.	3.8	12
32	Therapeutic effect of disulfiram inclusion complex embedded in hydroxypropyl- β -cyclodextrin on intracranial glioma-bearing male rats via intranasal route. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 156, 105590.	4.0	11
33	S-allylmercaptocysteine inhibits mucin overexpression and inflammation via MAPKs and PI3K-Akt signaling pathways in acute respiratory distress syndrome. <i>Pharmacological Research</i> , 2020, 159, 105032.	7.1	10
34	The therapeutic effect of <i>Bletilla striata</i> extracts on LPS-induced acute lung injury by regulation of inflammation and oxidation. <i>RSC Advances</i> , 2016, 6, 89338-89346.	3.6	9
35	Preparation and evaluation of posaconazole-loaded enteric microparticles in rats. <i>Drug Development and Industrial Pharmacy</i> , 2017, 43, 618-627.	2.0	8
36	Protective effect of methylallyl sulfone in the development of cigarette smoke extract-induced apoptosis in rats and HFL-1 cells. <i>Biochemical and Biophysical Research Communications</i> , 2018, 498, 627-632.	2.1	6

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37	Yifei Tongluo, a Chinese Herbal Formula, Suppresses Tumor Growth and Metastasis and Exerts Immunomodulatory Effect in Lewis Lung Carcinoma Mice. <i>Molecules</i> , 2019, 24, 731.	3.8	6
38	S-allylmercaptocysteine attenuates posaconazole-induced adverse effects in mice through antioxidation and anti-inflammation. <i>International Immunopharmacology</i> , 2018, 58, 9-14.	3.8	5
39	Metabolism and pharmacokinetics studies of allyl methyl disulfide in rats. <i>Xenobiotica</i> , 2019, 49, 90-97.	1.1	4
40	Preliminary therapeutic and mechanistic evaluation of S-allylmercapto-N-acetylcysteine in the treatment of pulmonary emphysema. <i>International Immunopharmacology</i> , 2021, 98, 107913.	3.8	4
41	Synthesis and Characterization of Poly (β^2 -amino Ester) and Applied PEGylated and Non-PEGylated Poly (β^2 -amino ester)/Plasmid DNA Nanoparticles for Efficient Gene Delivery. <i>Frontiers in Pharmacology</i> , 2022, 13, 854859.	3.5	4
42	S-Allylmercaptocysteine induces G2/M phase arrest and apoptosis via ROS-mediated p38 and JNK signaling pathway in human colon cancer cells in vitro and in vivo. <i>RSC Advances</i> , 2017, 7, 49151-49158.	3.6	3
43	S-Allylmercapto-N-acetylcysteine ameliorates elastase-induced chronic obstructive pulmonary disease in mice via regulating autophagy. <i>Biochemical and Biophysical Research Communications</i> , 2021, 562, 83-88.	2.1	3
44	S-Allylcysteine as an Inhibitor of Benzo(a)pyrene-Induced Precancerous Carcinogenesis in Human Lung Cells via Inhibiting Activation of Nuclear Factor-Kappa B. <i>Natural Product Communications</i> , 2019, 14, 1934578X1989691.	0.5	0