Zhongxi Zhao

List of Publications by Year in descending order

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#	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	Sâ€Allylmercaptocysteine Attenuates Cisplatinâ€Induced Nephrotoxicity through Suppression of Apoptosis, Oxidative Stress, and Inflammation. Nutrients, 2017, 9, 166.	4.1	52
7	Protective Effect of Flavonoids from Ziziphus 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 Ophiocordyceps sinensis 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-кB 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-β1/Smad2 Signaling Pathway. Nutrients, 2019, 11, 483.	4.1	24
20	Poly (βâ€amino esters) based potential drug delivery and targeting polymer; an overview and perspectives (review). European Polymer Journal, 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. International Immunopharmacology, 2020, 81, 106273.	3.8	24
22	Preparation of Ergosterol-Loaded Nanostructured Lipid Carriers for Enhancing Oral Bioavailability and Antidiabetic Nephropathy Effects. AAPS PharmSciTech, 2020, 21, 64.	3.3	22
23	Composition, antioxidant activities and hepatoprotective effects of the water extract of Ziziphus jujuba cv. Jinsixiaozao. RSC Advances, 2017, 7, 6511-6522.	3.6	18
24	A Nucleoside/Nucleobase-Rich Extract from Cordyceps Sinensis Inhibits the Epithelial–Mesenchymal Transition and Protects against Renal Fibrosis in Diabetic Nephropathy. Molecules, 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. International Immunopharmacology, 2018, 59, 369-374.	3.8	16
26	Poly (Î ² amino esters) copolymers: Novel potential vectors for delivery of genes and related therapeutics. International Journal of Pharmaceutics, 2022, 611, 121289.	5.2	14
27	S -allylmercapto- l -cysteine modulates MUC5AC and AQP5 secretions in a COPD model via NF-ĐºB signaling pathway. International Immunopharmacology, 2016, 39, 307-313.	3.8	13
28	Inhibitory effects of S -allylmercaptocysteine against benzo(a)pyrene-induced precancerous carcinogenesis in human lung cells. International Immunopharmacology, 2016, 34, 37-43.	3.8	13
29	<scp>l</scp> -Menthol alleviates cigarette smoke extract induced lung injury in rats by inhibiting oxidative stress and inflammation <i>via</i> nuclear factor kappa B, p38 MAPK and Nrf2 signalling pathways. RSC Advances, 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. International Immunopharmacology, 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. International Immunopharmacology, 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. European Journal of Pharmaceutical Sciences, 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. Pharmacological Research, 2020, 159, 105032.	7.1	10
34	The therapeutic effect of Bletilla striata extracts on LPS-induced acute lung injury by regulation of inflammation and oxidation. RSC Advances, 2016, 6, 89338-89346.	3.6	9
35	Preparation and evaluation of posaconazole-loaded enteric microparticles in rats. Drug Development and Industrial Pharmacy, 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. Biochemical and Biophysical Research Communications, 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. Molecules, 2019, 24, 731.	3.8	6
38	S-allylmercaptocysteine attenuates posaconazole-induced adverse effects in mice through antioxidation and anti-inflammation. International Immunopharmacology, 2018, 58, 9-14.	3.8	5
39	Metabolism and pharmacokinetics studies of allyl methyl disulfide in rats. Xenobiotica, 2019, 49, 90-97.	1.1	4
40	Preliminary therapeutic and mechanistic evaluation of S-allylmercapto-N-acetylcysteine in the treatment of pulmonary emphysema. International Immunopharmacology, 2021, 98, 107913.	3.8	4
41	Synthesis and Characterization of Poly (β-amino Ester) and Applied PEGylated and Non-PEGylated Poly (I²-amino ester)/Plasmid DNA Nanoparticles for Efficient Gene Delivery. Frontiers in Pharmacology, 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. RSC Advances, 2017, 7, 49151-49158.	3.6	3
43	S-Allylmercapto-N-acetylcysteine ameliorates elastase-induced chronic obstructive pulmonary disease in mice via regulating autophagy. Biochemical and Biophysical Research Communications, 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. Natural Product Communications, 2019, 14, 1934578X1989691.	0.5	0