Dai Cheng

List of Publications by Citations

35 papers	506 citations	12 h-index	21 g-index
37 ext. papers	693 ext. citations	4.8 avg, IF	4.03 L-index

#	Paper	IF	Citations
35	Isolation, purification, structural analysis and immunostimulatory activity of water-soluble polysaccharides from Grifola Frondosa fruiting body. *Carbohydrate Polymers*, **2017**, 157, 1134-1143	10.3	97
34	The protective effects of polyphenols from jujube peel (Ziziphus Jujube Mill) on isoproterenol-induced myocardial ischemia and aluminum-induced oxidative damage in rats. *Food and Chemical Toxicology*, **2012**, 50, 1302-8	4.7	37
33	Inhibitory effect on HT-29 colon cancer cells of a water-soluble polysaccharide obtained from highland barley. *International Journal of Biological Macromolecules*, **2016**, 92, 88-95	7.9	33
32	Eicosapentaenoic acid (EPA) induced apoptosis in HepG2 cells through ROS-Ca(2+)-JNK mitochondrial pathways. *Biochemical and Biophysical Research Communications*, **2015**, 456, 926-32	3.4	32
31	Protective effect of apple (Ralls) polyphenol extract against aluminum-induced cognitive impairment and oxidative damage in rat. *NeuroToxicology*, **2014**, 45, 111-20	4.4	30
30	Chlorogenic acid relieves lead-induced cognitive impairments and hepato-renal damage via regulating the dysbiosis of the gut microbiota in mice. *Food and Function*, **2019**, 10, 681-690	6.1	28
29	Antioxidant capacity and chemical constituents of Chinese jujube (Ziziphus jujuba Mill.) at different ripening stages. *Food Science and Biotechnology*, **2013**, 22, 639-644	3	25
28	Dietary Chlorella vulgaris Ameliorates Altered Immunomodulatory Functions in Cyclophosphamide-Induced Immunosuppressive Mice. *Nutrients*, **2017**, 9,	6.7	21
27	Protective and prophylactic effects of chlorogenic acid on aluminum-induced acute hepatotoxicity and hematotoxicity in mice. *Chemico-Biological Interactions*, **2017**, 273, 125-132	5	20
26	Immunomodulatory Activity of Docosahexenoic Acid on RAW264.7 Cells Activation through GPR120-Mediated Signaling Pathway. *Journal of Agricultural and Food Chemistry*, **2018**, 66, 926-934	5.7	18
25	Chlorogenic acid protects against aluminum toxicity via MAPK/Akt signaling pathway in murine RAW264.7 macrophages. *Journal of Inorganic Biochemistry*, **2019**, 190, 113-120	4.2	17
24	Inhibitory effect of chlorogenic acid on polyphenol oxidase and browning of fresh-cut potatoes. *Postharvest Biology and Technology*, **2020**, 168, 111282	6.2	12
23	Elevated levels of soluble TNF receptors in bronchoalveolar lavage fluid in extrinsic allergic alveolitis. *Clinical and Experimental Allergy*, **1999**, 29, 1209-13	4.1	12
22	Determination of Aluminum in Edible Jellyfish Using Chrome Azurol S with Spot Test on Filter Paper. *Analytical Sciences*, **2017**, 33, 185-189	1.7	10
21	Hepatoprotective effects of apple polyphenol extract on aluminum-induced liver oxidative stress in the rat. *Canadian Journal of Physiology and Pharmacology*, **2014**, 92, 109-16	2.4	10
20	Mung bean (Phaseolus radiatus L.) polyphenol extract attenuates aluminum-induced cardiotoxicity through an ROS-triggered Ca/JNK/NF-B signaling pathway in rats. *Food and Function*, **2017**, 8, 851-859	6.1	9
19	Effect of aluminum (Al) speciation on erythrocytic antioxidant defense process: Correlations between lipid membrane peroxidation and morphological characteristics. *Ecotoxicology and Environmental Safety*, **2018**, 157, 201-206	7	9

18	Mechanisms Underlying Aluminum Neurotoxicity Related to 14-3-3 Protein. *Toxicological Sciences*, **2018**, 163, 45-56	4.4	9
17	The protective effect of a buckwheat-enriched diet on renal injury in high salt-induced hypertension in rats. *Food and Function*, **2016**, 7, 3548-54	6.1	9
16	Evidences for Chlorogenic Acid--A Major Endogenous Polyphenol Involved in Regulation of Ripening and Senescence of Apple Fruit. *PLoS ONE*, **2016**, 11, e0146940	3.7	9
15	Adsorption of dyes methyl violet and malachite green from aqueous solution on multi-step modified rice husk powder in single and binary systems: Characterization, adsorption behavior and physical interpretations.. *Journal of Hazardous Materials*, **2022**, 430, 128445	12.8	8
14	Neuro-protection of Chlorogenic acid against Al-induced apoptosis in PC12 cells via modulation of Al metabolism and Akt/GSK-3 pathway. *Journal of Functional Foods*, **2020**, 70, 103984	5.1	7
13	Fabrication of an activatable hybrid persistent luminescence nanoprobe for background-free bioimaging-guided investigation of food-borne aflatoxin .. *RSC Advances*, **2018**, 8, 28414-28420	3.7	6
12	Protection Mechanisms Underlying Oral Administration of Chlorogenic Acid against Cadmium-Induced Hepatorenal Injury Related to Regulating Intestinal Flora Balance. *Journal of Agricultural and Food Chemistry*, **2021**, 69, 1675-1683	5.7	6
11	Comparison of adsorption properties of a cellulose-rich modified rice husk for the removal of methylene blue and aluminum (III) from their aqueous solution. *Industrial Crops and Products*, **2021**, 170, 113687	5.9	6
10	Characterization of the binding mechanism and conformational changes of bovine serum albumin upon interaction with aluminum-maltol: a spectroscopic and molecular docking study. *Metallomics*, **2019**, 11, 1625-1634	4.5	5
9	Identification of the Al-binding proteins that account for aluminum neurotoxicity and transport. *Toxicology Research*, **2018**, 7, 127-135	2.6	5
8	Malus micromalus Makino phenolic extract preserves hepatorenal function by regulating PKC- signaling pathway and attenuating endoplasmic reticulum stress in lead (II) exposure mice. *Journal of Inorganic Biochemistry*, **2020**, 203, 110925	4.2	4
7	Comparative Study on the Protective Effect of Chlorogenic Acid and 3-(3-Hydroxyphenyl) Propionic Acid against Cadmium-Induced Erythrocyte Cytotoxicity: and Evaluation. *Journal of Agricultural and Food Chemistry*, **2021**, 69, 3859-3870	5.7	4
6	Chlorogenic acid improves lipid membrane peroxidation and morphological changes in nitrite-induced erythrocyte model of methemoglobinemia. *Journal of Food Biochemistry*, **2020**, 44, e13172	3.3	3
5	Study on the mechanism underlying Al-induced hepatotoxicity based on the identification of the Al-binding proteins in liver. *Metallomics*, **2019**, 11, 1353-1362	4.5	3
4	An Anti-Tumor Peptide from Musca domestica Pupae (MATP) Induces Apoptosis in Human Liver Cancer Cells HepG2 Cells Through a ROS-JNK Pathway. *International Journal of Peptide Research and Therapeutics*, **2017**, 23, 101-109	2.1	1
3	Effects of chlorogenic acid on the binding process of cadmium with bovine serum albumin: A multi-spectroscopic and docking study. *Journal of Molecular Structure*, **2020**, 1204, 127531	3.4	1
2	Purslane (Portulacae oleracea L.) attenuates cadmium-induced hepatorenal and colonic damage in mice: Role of chelation, antioxidant and intestinal microecological regulation. *Phytomedicine*, **2021**, 92, 153716	6.5	0
1	Comparative study of aluminum (Al) speciation on apoptosis-promoting process in PC12 cells: Correlations between morphological characteristics and mitochondrial kinetic disorder.. *Journal of Inorganic Biochemistry*, **2022**, 232, 111835	4.2	0