

Dai Cheng

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.

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	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.. <i>Journal of Hazardous Materials</i> , 2022 , 430, 128445	12.8	8
34	Comparative study of aluminum (Al) speciation on apoptosis-promoting process in PC12 cells: Correlations between morphological characteristics and mitochondrial kinetic disorder.. <i>Journal of Inorganic Biochemistry</i> , 2022 , 232, 111835	4.2	0
33	Protection Mechanisms Underlying Oral Administration of Chlorogenic Acid against Cadmium-Induced Hepatorenal Injury Related to Regulating Intestinal Flora Balance. <i>Journal of Agricultural and Food Chemistry</i> , 2021 , 69, 1675-1683	5.7	6
32	Comparative Study on the Protective Effect of Chlorogenic Acid and 3-(3-Hydroxyphenyl) Propionic Acid against Cadmium-Induced Erythrocyte Cytotoxicity: and Evaluation. <i>Journal of Agricultural and Food Chemistry</i> , 2021 , 69, 3859-3870	5.7	4
31	Comparison of adsorption properties of a cellulose-rich modified rice husk for the removal of methylene blue and aluminum (III) from their aqueous solution. <i>Industrial Crops and Products</i> , 2021 , 170, 113687	5.9	6
30	Purslane (<i>Portulacae oleracea</i> L.) attenuates cadmium-induced hepatorenal and colonic damage in mice: Role of chelation, antioxidant and intestinal microecological regulation. <i>Phytomedicine</i> , 2021 , 92, 153716	6.5	0
29	Neuro-protection of Chlorogenic acid against Al-induced apoptosis in PC12 cells via modulation of Al metabolism and Akt/GSK-3 β pathway. <i>Journal of Functional Foods</i> , 2020 , 70, 103984	5.1	7
28	Chlorogenic acid improves lipid membrane peroxidation and morphological changes in nitrite-induced erythrocyte model of methemoglobinemia. <i>Journal of Food Biochemistry</i> , 2020 , 44, e131723	7.3	3
27	Inhibitory effect of chlorogenic acid on polyphenol oxidase and browning of fresh-cut potatoes. <i>Postharvest Biology and Technology</i> , 2020 , 168, 111282	6.2	12
26	Malus micromalus Makino phenolic extract preserves hepatorenal function by regulating PKC- ζ signaling pathway and attenuating endoplasmic reticulum stress in lead (II) exposure mice. <i>Journal of Inorganic Biochemistry</i> , 2020 , 203, 110925	4.2	4
25	Effects of chlorogenic acid on the binding process of cadmium with bovine serum albumin: A multi-spectroscopic and docking study. <i>Journal of Molecular Structure</i> , 2020 , 1204, 127531	3.4	1
24	Chlorogenic acid relieves lead-induced cognitive impairments and hepato-renal damage via regulating the dysbiosis of the gut microbiota in mice. <i>Food and Function</i> , 2019 , 10, 681-690	6.1	28
23	Characterization of the binding mechanism and conformational changes of bovine serum albumin upon interaction with aluminum-maltol: a spectroscopic and molecular docking study. <i>Metallomics</i> , 2019 , 11, 1625-1634	4.5	5
22	Study on the mechanism underlying Al-induced hepatotoxicity based on the identification of the Al-binding proteins in liver. <i>Metallomics</i> , 2019 , 11, 1353-1362	4.5	3
21	Chlorogenic acid protects against aluminum toxicity via MAPK/Akt signaling pathway in murine RAW264.7 macrophages. <i>Journal of Inorganic Biochemistry</i> , 2019 , 190, 113-120	4.2	17
20	Effect of aluminum (Al) speciation on erythrocytic antioxidant defense process: Correlations between lipid membrane peroxidation and morphological characteristics. <i>Ecotoxicology and Environmental Safety</i> , 2018 , 157, 201-206	7	9
19	Mechanisms Underlying Aluminum Neurotoxicity Related to 14-3-3 σ Protein. <i>Toxicological Sciences</i> , 2018 , 163, 45-56	4.4	9

18	Immunomodulatory Activity of Docosahexenoic Acid on RAW264.7 Cells Activation through GPR120-Mediated Signaling Pathway. <i>Journal of Agricultural and Food Chemistry</i> , 2018 , 66, 926-934	5.7	18
17	Fabrication of an activatable hybrid persistent luminescence nanoprobe for background-free bioimaging-guided investigation of food-borne aflatoxin .. <i>RSC Advances</i> , 2018 , 8, 28414-28420	3.7	6
16	Identification of the Al-binding proteins that account for aluminum neurotoxicity and transport. <i>Toxicology Research</i> , 2018 , 7, 127-135	2.6	5
15	Mung bean (<i>Phaseolus radiatus</i> L.) polyphenol extract attenuates aluminum-induced cardiotoxicity through an ROS-triggered Ca/JNK/NF- κ B signaling pathway in rats. <i>Food and Function</i> , 2017 , 8, 851-859	6.1	9
14	Protective and prophylactic effects of chlorogenic acid on aluminum-induced acute hepatotoxicity and hematotoxicity in mice. <i>Chemico-Biological Interactions</i> , 2017 , 273, 125-132	5	20
13	An Anti-Tumor Peptide from <i>Musca domestica</i> Pupae (MATP) Induces Apoptosis in Human Liver Cancer Cells HepG2 Cells Through a ROS-JNK Pathway. <i>International Journal of Peptide Research and Therapeutics</i> , 2017 , 23, 101-109	2.1	1
12	Isolation, purification, structural analysis and immunostimulatory activity of water-soluble polysaccharides from <i>Grifola Frondosa</i> fruiting body. <i>Carbohydrate Polymers</i> , 2017 , 157, 1134-1143	10.3	97
11	Determination of Aluminum in Edible Jellyfish Using Chrome Azurol S with Spot Test on Filter Paper. <i>Analytical Sciences</i> , 2017 , 33, 185-189	1.7	10
10	Dietary <i>Chlorella vulgaris</i> Ameliorates Altered Immunomodulatory Functions in Cyclophosphamide-Induced Immunosuppressive Mice. <i>Nutrients</i> , 2017 , 9,	6.7	21
9	The protective effect of a buckwheat-enriched diet on renal injury in high salt-induced hypertension in rats. <i>Food and Function</i> , 2016 , 7, 3548-54	6.1	9
8	Inhibitory effect on HT-29 colon cancer cells of a water-soluble polysaccharide obtained from highland barley. <i>International Journal of Biological Macromolecules</i> , 2016 , 92, 88-95	7.9	33
7	Evidences for Chlorogenic Acid--A Major Endogenous Polyphenol Involved in Regulation of Ripening and Senescence of Apple Fruit. <i>PLoS ONE</i> , 2016 , 11, e0146940	3.7	9
6	Eicosapentaenoic acid (EPA) induced apoptosis in HepG2 cells through ROS-Ca(2+)-JNK mitochondrial pathways. <i>Biochemical and Biophysical Research Communications</i> , 2015 , 456, 926-32	3.4	32
5	Protective effect of apple (Ralls) polyphenol extract against aluminum-induced cognitive impairment and oxidative damage in rat. <i>NeuroToxicology</i> , 2014 , 45, 111-20	4.4	30
4	Hepatoprotective effects of apple polyphenol extract on aluminum-induced liver oxidative stress in the rat. <i>Canadian Journal of Physiology and Pharmacology</i> , 2014 , 92, 109-16	2.4	10
3	Antioxidant capacity and chemical constituents of Chinese jujube (<i>Ziziphus jujuba</i> Mill.) at different ripening stages. <i>Food Science and Biotechnology</i> , 2013 , 22, 639-644	3	25
2	The protective effects of polyphenols from jujube peel (<i>Ziziphus Jujube</i> Mill) on isoproterenol-induced myocardial ischemia and aluminum-induced oxidative damage in rats. <i>Food and Chemical Toxicology</i> , 2012 , 50, 1302-8	4.7	37
1	Elevated levels of soluble TNF receptors in bronchoalveolar lavage fluid in extrinsic allergic alveolitis. <i>Clinical and Experimental Allergy</i> , 1999 , 29, 1209-13	4.1	12

