

Kai Yang

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

610
citations

759233

12
h-index

610901

24
g-index

31
all docs

31
docs citations

31
times ranked

801
citing authors

#	ARTICLE	IF	CITATIONS
1	Detoxification of mycotoxins in agricultural products by non-thermal physical technologies: a review of the past five years. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 11668-11678.	10.3	2
2	Rapid and Sensitive Detection of Pentachloronitrobenzene by Surface-Enhanced Raman Spectroscopy Combined with Molecularly Imprinted Polymers. <i>Biosensors</i> , 2022, 12, 52.	4.7	7
3	Evaluation of the anti-osteoporotic effect of a low-phenylalanine whey protein hydrolysate in an ovariectomized mice model. <i>Food and Function</i> , 2022, 13, 3957-3967.	4.6	3
4	Digestive Characteristics of <i>Hericium erinaceus</i> Polysaccharides and Their Positive Effects on Fecal Microbiota of Male and Female Volunteers During <i>in vitro</i> Fermentation. <i>Frontiers in Nutrition</i> , 2022, 9, 858585.	3.7	16
5	Insoluble Dietary Fibers From By-Products of Edible Fungi Industry: Basic Structure, Physicochemical Properties, and Their Effects on Energy Intake. <i>Frontiers in Nutrition</i> , 2022, 9, 851228.	3.7	6
6	Gastroprotective Effects of <i>Ganoderma lucidum</i> Polysaccharides with Different Molecular Weights on Ethanol-Induced Acute Gastric Injury in Rats. <i>Nutrients</i> , 2022, 14, 1476.	4.1	16
7	Solid-state cultured mycelium of <i>Antrodia camphorata</i> exerts potential neuroprotective activities against 6-hydroxydopamine-induced toxicity in PC12 cells. <i>Journal of Food Biochemistry</i> , 2022, , e14208.	2.9	3
8	Ferulic acid improves intestinal barrier function through altering gut microbiota composition in high-fat diet-induced mice. <i>European Journal of Nutrition</i> , 2022, 61, 3767-3783.	3.9	31
9	Effects of ultrasonic pre-treatment on physicochemical properties of proteins extracted from cold-pressed sesame cake. <i>Food Research International</i> , 2021, 139, 109907.	6.2	39
10	Separation, characterization and hypoglycemic activity <i>in vitro</i> evaluation of a low molecular weight heteropolysaccharide from the fruiting body of <i>Phellinus pini</i> . <i>Food and Function</i> , 2021, 12, 3493-3503.	4.6	10
11	iTRAQ proteome analysis of the antifungal mechanism of citral on mycelial growth and OTA production in <i>Aspergillus ochraceus</i> . <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 4969-4979.	3.5	14
12	Identification of Anthocyanins and Their Fouling Mechanisms during Non-Thermal Nanofiltration of Blueberry Aqueous Extracts. <i>Membranes</i> , 2021, 11, 200.	3.0	7
13	Anti-Inflammatory Properties <i>In Vitro</i> and Hypoglycaemic Effects of Phenolics from Cultivated Fruit Body of <i>Phellinus baumii</i> in Type 2 Diabetic Mice. <i>Molecules</i> , 2021, 26, 2285.	3.8	13
14	Characteristics and antifatigue activity of graded polysaccharides from <i>Ganoderma lucidum</i> separated by cascade membrane technology. <i>Carbohydrate Polymers</i> , 2021, 269, 118329.	10.2	26
15	Anti-inflammatory activity of cyanidin-3-O-glucoside and cyanidin-3-O-glucoside liposomes in THP-1 macrophages. <i>Food Science and Nutrition</i> , 2021, 9, 6480-6491.	3.4	5
16	Effects of Different Smoking Materials and Methods on the Quality of Chinese Traditional Bacon (Larou). <i>Journal of Food Protection</i> , 2021, 84, 359-367.	1.7	2
17	<i>In vitro</i> prebiotic activities of oligosaccharides from the by-products in <i>Ganoderma lucidum</i> spore polysaccharide extraction. <i>RSC Advances</i> , 2020, 10, 14794-14802.	3.6	25
18	The Future is Garbage: Repurposing of Food Waste to an Integrated Biorefinery. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 8124-8136.	6.7	42

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19	Antioxidant activity and absorption of cyanidin-3-O-glucoside liposomes in GES-1 cells in vitro. <i>Bioscience, Biotechnology and Biochemistry</i> , 2020, 84, 1239-1249.	1.3	7
20	Cultivated Fruit Body of <i>Phellinus baumii</i> : A Potentially Sustainable Antidiabetic Resource. <i>ACS Omega</i> , 2020, 5, 8596-8604.	3.5	12
21	Physicochemical properties improvement and structural changes of bamboo shoots (<i>Phyllostachys</i>) Tj ETQq1 1 0.784314 rgBT /Overl a comparative study. <i>Journal of Food Science and Technology</i> , 2020, 57, 3659-3666.	2.8	14
22	Kinetic study of d-limonene release from finger citron essential oil loaded nanoemulsions during simulated digestion in vitro. <i>Journal of Functional Foods</i> , 2019, 58, 67-73.	3.4	30
23	Establishing a method of HPLC involving precolumn derivatization by 2,2'-dithiobis (5-nitropyridine) to determine the sulfites in shrimps in comparison with ion chromatography. <i>Food Science and Nutrition</i> , 2019, 7, 2151-2158.	3.4	11
24	Isolation of crude oligosaccharides from <i>Hericium erinaceus</i> by integrated membrane technology and its proliferative activity. <i>Food Hydrocolloids</i> , 2019, 95, 426-431.	10.7	21
25	Polychlorinated Biphenyls Attenuation in Soil from Waste Recycling Area under Flooded and Dryland Conditions. <i>Clean - Soil, Air, Water</i> , 2015, 43, 584-591.	1.1	4
26	Ameliorating effects of <i>Nonotus obliquus</i> on high fat diet-induced obese rats: Figure 1.. <i>Acta Biochimica Et Biophysica Sinica</i> , 2015, 47, 755-757.	2.0	2
27	Chemical Characterization and In Vitro Antioxidant Activity Evaluation of Polysaccharides from the Fruiting Bodies of the Red Heart Mushroom <i>Phellinus pini</i> (Higher Basidiomycetes). <i>International Journal of Medicinal Mushrooms</i> , 2015, 17, 297-307.	1.5	5
28	Paddy field – A natural sequential anaerobic-aerobic bioreactor for polychlorinated biphenyls transformation. <i>Environmental Pollution</i> , 2014, 190, 43-50.	7.5	41
29	Characterization of Chemical Composition of Bee Pollen in China. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 708-718.	5.2	182
30	6-Ethyl-5-fluoro-2-methoxypyrimidin-4(3H)-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o2582-o2582.	0.2	0
31	Synthesis of plant sterol esters catalyzed by heteropolyacid in a solvent-free system. <i>European Journal of Lipid Science and Technology</i> , 2006, 108, 13-18.	1.5	14