

Jie Zheng

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

662
citations

758635

12
h-index

580395

25
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36
all docs

36
docs citations

36
times ranked

776
citing authors

#	ARTICLE	IF	CITATIONS
1	Dual-frequency ultrasound effect on structure and properties of sweet potato starch. <i>Starch/Staerke</i> , 2013, 65, 621-627.	1.1	101
2	Ultrasonic frequency effect on corn starch and its cavitation. <i>LWT - Food Science and Technology</i> , 2015, 60, 941-947.	2.5	83
3	Effects of dietary <i>Clostridium butyricum</i> supplementation on growth performance, intestinal development, and immune response of weaned piglets challenged with lipopolysaccharide. <i>Journal of Animal Science and Biotechnology</i> , 2018, 9, 62.	2.1	70
4	Physicochemical and in vitro digestion of millet starch: Effect of moisture content in microwave. <i>International Journal of Biological Macromolecules</i> , 2019, 134, 308-315.	3.6	70
5	Dual-frequency ultrasonic effect on the structure and properties of starch with different size. <i>LWT - Food Science and Technology</i> , 2019, 106, 254-262.	2.5	66
6	Comparative studies on structure and physicochemical changes of millet starch under microwave and ultrasound at the same power. <i>International Journal of Biological Macromolecules</i> , 2019, 141, 76-84.	3.6	48
7	Effects on the structure and properties of native corn starch modified by enzymatic debranching (ED), microwave assisted esterification with citric acid (MCAE) and by the dual ED/MCAE treatment. <i>International Journal of Biological Macromolecules</i> , 2021, 171, 123-129.	3.6	32
8	Whole exome sequencing reveals novel somatic alterations in neuroblastoma patients with chemotherapy. <i>Cancer Cell International</i> , 2018, 18, 21.	1.8	26
9	Selenium modification of β -lactoglobulin (β -Lg) and its biological activity. <i>Food Chemistry</i> , 2016, 204, 246-251.	4.2	22
10	KINETIC MODEL AND TECHNOLOGY OF ULTRASOUND EXTRACTION OF SAFFLOWER SEED OIL. <i>Journal of Food Process Engineering</i> , 2012, 35, 278-294.	1.5	20
11	Effects of annealing time on structure and properties of sweet potato starch. <i>Cereal Chemistry</i> , 2020, 97, 573-580.	1.1	15
12	Comparison of physicochemical properties and digestibility of sweet potato starch after two modifications of microwave alone and microwave-assisted L-malic acid. <i>International Journal of Biological Macromolecules</i> , 2022, 210, 614-621.	3.6	14
13	Multi-Frequency Ultrasonic Extraction of Anthocyanins from Blueberry Pomace and Evaluation of Its Antioxidant Activity. <i>Journal of AOAC INTERNATIONAL</i> , 2021, 104, 811-817.	0.7	13
14	Case report of a novel MPIG6B gene mutation in a Chinese boy with pancytopenia and splenomegaly. <i>Gene</i> , 2019, 715, 143957.	1.0	9
15	Photocatalytic Degradation of Volatile Organic Compounds in an Annular Reactor Under Realistic Indoor Conditions. <i>Environmental Engineering Science</i> , 2015, 32, 331-339.	0.8	8
16	Purification and Characterization of a New Lectin from Loach Skin Mucus. <i>Journal of Chemistry</i> , 2019, 2019, 1-11.	0.9	8
17	Physicochemical Properties and Structure of Annealed Sweet Potato Starch: Effects of Enzyme and Ultrasound. <i>Starch/Staerke</i> , 2020, 72, 1900247.	1.1	8
18	Indoor thermal comfort studies based on physiological parameter measurement and questionnaire investigation. <i>Central South University</i> , 2006, 13, 404-407.	0.5	7

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19	High Pressure Processing and Water Holding Capacity of Sea Bass Skeletal Muscle. <i>Journal of Aquatic Food Product Technology</i> , 2015, 24, 740-751.	0.6	7
20	Unusual presentations of sitosterolemia limited to hematological abnormalities: A report of four cases presenting with stomatocytic anemia and thrombocytopenia with macrothrombocytes. <i>American Journal of Hematology</i> , 2019, 94, E124-E127.	2.0	7
21	(C ₃ H ₇ N ₆) ₆ (H ₂ PO ₄) ₄ (HPO ₄) ₂ and Centrosymmetric (C ₃ H ₇ N ₆) ₂ SO ₄ ·2H ₂ O: Exploration of Acentric Structure by Combining Planar and Tetrahedral Motifs via Hydrogen Bonds. <i>Inorganic Chemistry</i> , 2022, 61, 10182-10189.	1.9	6
22	Properties and Structure of Modified Taro Starch: Comparison of Ultrasound and Malic Acid Treatments. <i>Starch/Staerke</i> , 2021, 73, 2000252.	1.1	5
23	Effect of Microwave Treatment on the Properties of Starch in Millet Kernels. <i>Starch/Staerke</i> , 2022, 74, .	1.1	5
24	High-pressure effects on cooking loss and histological structure of beef muscle. <i>High Pressure Research</i> , 2010, 30, 538-546.	0.4	2
25	Electrical modeling of on-chip copper-carbon nanotube composite interconnects. , 2016, , .		2
26	Quality changes of repeatedly fried palm oil and extracted oil from fried loach. <i>International Journal of Food Engineering</i> , 2022, 18, 371-381.	0.7	2
27	Efficacy of hematopoietic stem cell transplantation in the treatment of children with non-severe aplastic anemia. <i>Pediatric Transplantation</i> , 2022, 26, .	0.5	2
28	Study on the Preparation and Digestibility of Malic Acid Sweet Potato Starch Ester under Microwave Assistance. <i>Starch/Staerke</i> , 2022, 74, .	1.1	2
29	2-β-D-Fucosyllactose promotes <i>Lactobacillus rhamnosus</i> KLDS 8001 to repair LPS-induced damage in Caco-2 cells. <i>Journal of Food Biochemistry</i> , 2022, , e14059.	1.2	1
30	Application of ultrasound-assisted cryoprotectant impregnation for improving the storage quality of snakehead fish fillets. <i>Food Science and Technology International</i> , 2023, 29, 641-649.	1.1	1
31	Soybean Peptide Preparation by Enzymatic Hydrolysis with and without Ultrasound. <i>International Conference on Bioinformatics and Biomedical Engineering: [proceedings] International Conference on Bioinformatics and Biomedical Engineering</i> , 2010, , .	0.0	0
32	Notice of Retraction: Extraction of the Polysaccharides from <i>Dunaliella Salina</i> by Alkaline Protease and Its Oxidative Stability. , 2011, , .		0
33	Notice of Retraction: Protective Effects of Cartilage Polysaccharide against Atrophy of Thymus in Murine H22 Hepatocarcinoma Bearing Mice. , 2011, , .		0
34	Effect of High Pressure Processing on Color, Fatty Acids, and Volatile Compounds of Sea Bass Skeletal Muscle. <i>Journal of Aquatic Food Product Technology</i> , 2014, 23, 358-367.	0.6	0
35	Generation of induced pluripotent stem cell, BCHSCTi001-A, derived from a Hemophilia A patient with F8 (p. R391C) mutation. <i>Stem Cell Research</i> , 2021, 56, 102491.	0.3	0