

Jike Lu

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

1,805
citations

430442

18
h-index

264894

42
g-index

53
all docs

53
docs citations

53
times ranked

2170
citing authors

#	ARTICLE	IF	CITATIONS
1	Biodiesel production with immobilized lipase: A review. <i>Biotechnology Advances</i> , 2010, 28, 628-634.	6.0	590
2	Enzymatic synthesis of fatty acid methyl esters from lard with immobilized <i>Candida</i> sp. 99-125. <i>Process Biochemistry</i> , 2007, 42, 1367-1370.	1.8	175
3	Comparison on characterization and antioxidant activity of polysaccharides from <i>Ganoderma lucidum</i> by ultrasound and conventional extraction. <i>International Journal of Biological Macromolecules</i> , 2019, 124, 1137-1144.	3.6	91
4	Effect of water on methanolysis of glycerol trioleate catalyzed by immobilized lipase <i>Candida</i> sp. 99-125 in organic solvent system. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2009, 56, 122-125.	1.8	80
5	Characterization and antioxidant activities of extracellular and intracellular polysaccharides from <i>Fomitopsis pinicola</i> . <i>Carbohydrate Polymers</i> , 2016, 141, 54-59.	5.1	78
6	Immobilized lipase <i>Candida</i> sp. 99-125 catalyzed methanolysis of glycerol trioleate: Solvent effect. <i>Bioresource Technology</i> , 2008, 99, 6070-6074.	4.8	77
7	Extraction, characterization and biological activity of sulfated polysaccharides from seaweed <i>Dictyopteris divaricata</i> . <i>International Journal of Biological Macromolecules</i> , 2018, 117, 256-263.	3.6	58
8	Pretreatment of immobilized <i>Candida</i> sp. 99-125 lipase to improve its methanol tolerance for biodiesel production. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2010, 62, 15-18.	1.8	55
9	Utilization of white rice bran for production of L-lactic acid. <i>Biomass and Bioenergy</i> , 2012, 39, 53-58.	2.9	52
10	Extraction and characterization of pectin from <i>Premna microphylla</i> Turcz leaves. <i>International Journal of Biological Macromolecules</i> , 2019, 131, 323-328.	3.6	52
11	Radioprotection of EGCG based on immunoregulatory effect and antioxidant activity against $^{60}\text{Co}\gamma$ radiation-induced injury in mice. <i>Food and Chemical Toxicology</i> , 2020, 135, 111051.	1.8	38
12	EGCG enhances cancer cells sensitivity under $^{60}\text{Co}\gamma$ radiation based on miR-34a/Sirt1/p53. <i>Food and Chemical Toxicology</i> , 2019, 133, 110807.	1.8	36
13	Enzymatic Synthesis of Fatty Acid Methyl Esters from Crude Rice Bran Oil with Immobilized <i>Candida</i> sp. 99-125. <i>Chinese Journal of Chemical Engineering</i> , 2010, 18, 870-875.	1.7	35
14	Purification, characterization and biological activities of a polysaccharide from <i>Lepidium meyenii</i> leaves. <i>International Journal of Biological Macromolecules</i> , 2017, 103, 1302-1310.	3.6	33
15	Relationship between thermal inactivation and conformational change of <i>Yarrowia lipolytica</i> lipase and the effect of additives on enzyme stability. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2010, 66, 136-141.	1.8	26
16	Stability of Immobilized <i>Candida</i> sp. 99-125 Lipase for Biodiesel Production. <i>Chemical Engineering and Technology</i> , 2012, 35, 2120-2124.	0.9	23
17	Protective effects of soybean protein and egg white protein on the antibacterial activity of nisin in the presence of trypsin. <i>Food Chemistry</i> , 2018, 239, 196-200.	4.2	22
18	Modification of wheat bran insoluble and soluble dietary fibers with snail enzyme. <i>Food Science and Human Wellness</i> , 2021, 10, 356-361.	2.2	21

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19	Anti-fatigue activity of hemp leaves water extract and the related biochemical changes in mice. <i>Food and Chemical Toxicology</i> , 2021, 150, 112054.	1.8	20
20	Characterization and <i>In vitro</i> Antioxidant Activity of a Polysaccharide from <i>Cordyceps sobolifera</i> . <i>Journal of Food Processing and Preservation</i> , 2016, 40, 447-452.	0.9	19
21	MiRNA expression profile of ionizing radiation-induced liver injury in mouse using deep sequencing. <i>Cell Biology International</i> , 2016, 40, 873-886.	1.4	17
22	Protective effect of β -cyclodextrin on stability of nisin and corresponding interactions involved. <i>Carbohydrate Polymers</i> , 2019, 223, 115115.	5.1	16
23	Wound-healing activity of glycoproteins from white jade snail (<i>Achatina fulica</i>) on experimentally burned mice. <i>International Journal of Biological Macromolecules</i> , 2021, 175, 313-321.	3.6	14
24	Potential of natural products as radioprotectors and radiosensitizers: opportunities and challenges. <i>Food and Function</i> , 2021, 12, 5204-5218.	2.1	14
25	Antioxidant properties and digestion behaviors of polysaccharides from Chinese yam fermented by <i>Saccharomyces boulardii</i> . <i>LWT - Food Science and Technology</i> , 2022, 154, 112752.	2.5	14
26	Effects of β -cyclodextrin on the enzymatic hydrolysis of hemp seed oil by lipase <i>Candida sp.</i> 99-125. <i>Industrial Crops and Products</i> , 2019, 129, 688-693.	2.5	13
27	Improvement of L-Lactic Acid Production under Glucose Feedback Controlled Culture by <i>Lactobacillus rhamnosus</i> . <i>Applied Biochemistry and Biotechnology</i> , 2010, 162, 1762-1767.	1.4	12
28	Effect of metal ions on the enzymatic hydrolysis of hemp seed oil by lipase <i>Candida sp.</i> 99-125. <i>International Journal of Biological Macromolecules</i> , 2018, 114, 922-928.	3.6	10
29	Comparative study on the bioactive components and <i>in vitro</i> biological activities of three green seedlings. <i>Food Chemistry</i> , 2020, 321, 126716.	4.2	10
30	HP-NAP ameliorates OXA-induced atopic dermatitis symptoms in mice. <i>Immunopharmacology and Immunotoxicology</i> , 2020, 42, 416-422.	1.1	8
31	Biochemical analysis reveals the systematic response of motion sickness mice to ginger (<i>Zingiber</i>) Tj ETQq1 1 0.784314 rgBT/Overlo	2.0	8
32	Cytoskeleton protein 4.1R suppresses murine keratinocyte cell hyperproliferation via activating the Akt/ERK pathway in an EGFR-dependent manner. <i>Experimental Cell Research</i> , 2019, 384, 111648.	1.2	7
33	Cytoskeleton protein 4.1R regulates B cell fate by modulating the canonical NF- κ B pathway. <i>Immunology</i> , 2020, 161, 314-324.	2.0	7
34	Biofuels in China. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2010, 122, 73-104.	0.6	6
35	A novel hypotonic sports drink containing a high molecular weight polysaccharide. <i>Food and Function</i> , 2014, 5, 961.	2.1	6
36	TLR Agonist rHP-NAP as an Adjuvant of Dendritic Cell-Based Vaccine to Enhance Anti-Melanoma Response. <i>Iranian Journal of Immunology</i> , 2020, 17, 14-25.	0.4	6

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37	Discovery and characterization of miRNAs in mouse thymus responses to ionizing radiation by deep sequencing. <i>International Journal of Radiation Biology</i> , 2016, 92, 548-557.	1.0	5
38	Short communication: Global transcriptome analysis of <i>Lactococcus lactis</i> ssp. <i>lactis</i> in response to gradient freezing. <i>Journal of Dairy Science</i> , 2019, 102, 3933-3938.	1.4	5
39	Cognition of polysaccharides from confusion to clarity: when the next "omic" will come?. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 4728-4743.	5.4	5
40	Positive effect of ethanol-induced <i>Lactococcus lactis</i> on alcohol metabolism in mice. <i>Food Science and Human Wellness</i> , 2022, 11, 1183-1190.	2.2	5
41	CHARACTERIZATION OF A NEW HIGH-MOLECULAR-WEIGHT POLYSACCHARIDE FOR APPLICATION IN HIGH-ENERGY SOLID BEVERAGES. <i>Journal of Food Processing and Preservation</i> , 2013, 37, 644-650.	0.9	4
42	Characterization of a New Polysaccharide from Potato Starch. <i>Journal of Food Processing and Preservation</i> , 2014, 38, 1409-1415.	0.9	4
43	Fermentation optimization of maltose-binding protein fused to neutrophil-activating protein from <i>Escherichia coli</i> TB1. <i>Electronic Journal of Biotechnology</i> , 2015, 18, 281-285.	1.2	4
44	Radiosensitization potential of caffeic acid phenethyl ester and the long non-coding RNAs in response to ^{60}Co radiation in mouse hepatoma cells. <i>Radiation Physics and Chemistry</i> , 2021, 181, 109326.	1.4	4
45	An innovative method to enhance protease tolerance of nisin in endogenous proteases. <i>Journal of Dairy Science</i> , 2020, 103, 3038-3044.	1.4	4
46	Radioprotective effect of radiation-induced <i>Lactococcus lactis</i> cell-free extract against ^{60}Co injury in mice. <i>Journal of Dairy Science</i> , 2021, 104, 9532-9542.	1.4	3
47	Extraction, characterization, and biological activities of a polysaccharide from <i>Poria cocos</i> peels. <i>Journal of Food Processing and Preservation</i> , 2022, 46, .	0.9	3
48	Protective effect of coix seed seedling extract on ^{60}Co radiation-induced oxidative stress in mice. <i>Journal of Food Science</i> , 2022, 87, 438-449.	1.5	2
49	Hydroxypropyl β -cyclodextrin improving multiple stresses tolerance of <i>Lactococcus lactis</i> subsp. <i>lactis</i> . <i>Journal of Food Science</i> , 2020, 85, 2171-2176.	1.5	0
50	^{60}Co induction improves the protective effect of <i>Acetobacter pasteurianus</i> against ionizing radiation in mice. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 9285-9295.	1.7	0