

Xin-Chi Shi

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

653
citations

759233

12
h-index

580821

25
g-index

26
all docs

26
docs citations

26
times ranked

677
citing authors

#	ARTICLE	IF	CITATIONS
1	Melatonin in fruit production and postharvest preservation: A review. <i>Food Chemistry</i> , 2020, 320, 126642.	8.2	93
2	Chromatographic Methods for Detection and Quantification of Carbendazim in Food. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 11880-11894.	5.2	65
3	Effects of exogenous methyl jasmonate on quality and preservation of postharvest fruits: A review. <i>Food Chemistry</i> , 2021, 353, 129482.	8.2	64
4	Enhancement of n-butanol production by in situ butanol removal using permeating "heating" gas stripping in acetone-butanol-ethanol fermentation. <i>Bioresource Technology</i> , 2014, 164, 276-284.	9.6	53
5	Economically enhanced succinic acid fermentation from cassava bagasse hydrolysate using <i>Corynebacterium glutamicum</i> immobilized in porous polyurethane filler. <i>Bioresource Technology</i> , 2014, 174, 190-197.	9.6	46
6	Simultaneous production of butanol and acetoin by metabolically engineered <i>Clostridium acetobutylicum</i> . <i>Metabolic Engineering</i> , 2015, 27, 107-114.	7.0	38
7	Indole-based melatonin analogues: Synthetic approaches and biological activity. <i>European Journal of Medicinal Chemistry</i> , 2020, 185, 111847.	5.5	36
8	Biocontrol Ability of the <i>Bacillus amyloliquefaciens</i> Group, <i>B. amyloliquefaciens</i> , <i>B. velezensis</i> , <i>B. nakamurai</i> , and <i>B. siamensis</i> , for the Management of Fungal Postharvest Diseases: A Review. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 6591-6616.	5.2	35
9	Evaluation of chitosan coatings enriched with turmeric and green tea extracts on postharvest preservation of strawberries. <i>LWT - Food Science and Technology</i> , 2022, 163, 113551.	5.2	29
10	Antifungal Mechanism of Dipicolinic Acid and Its Efficacy for the Biocontrol of Pear Valsa Canker. <i>Frontiers in Microbiology</i> , 2020, 11, 958.	3.5	28
11	Overexpression of THI4 and HAP4 Improves Glucose Metabolism and Ethanol Production in <i>Saccharomyces cerevisiae</i> . <i>Frontiers in Microbiology</i> , 2018, 9, 1444.	3.5	19
12	Nitric oxide increases biofilm formation in <i>Saccharomyces cerevisiae</i> by activating the transcriptional factor Mac1p and thereby regulating the transmembrane protein Ctr1. <i>Biotechnology for Biofuels</i> , 2019, 12, 30.	6.2	18
13	Antibacterial mechanism of Biochanin A and its efficacy for the control of <i>Xanthomonas axonopodis</i> pv. <i>glycines</i> in soybean. <i>Pest Management Science</i> , 2021, 77, 1668-1673.	3.4	17
14	A water-forming NADH oxidase regulates metabolism in anaerobic fermentation. <i>Biotechnology for Biofuels</i> , 2016, 9, 103.	6.2	15
15	First Report of <i>Colletotrichum brevisporum</i> Causing Soybean Anthracnose in China. <i>Plant Disease</i> , 2021, 105, 707-707.	1.4	14
16	Occurrence of isoflavones in soybean sprouts and strategies to enhance their content: A review. <i>Journal of Food Science</i> , 2022, 87, 1961-1982.	3.1	14
17	Mode of action and efficacy of quinolinic acid for the control of <i>Ceratocystis fimbriata</i> on sweet potato. <i>Pest Management Science</i> , 2021, 77, 4564-4571.	3.4	12
18	Peel Diffusion and Antifungal Efficacy of Different Fungicides in Pear Fruit: Structure-Diffusion-Activity Relationships. <i>Journal of Fungi (Basel, Switzerland)</i> , 2022, 8, 547.	3.5	11

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19	Antifungal Mechanism and Efficacy of Kojic Acid for the Control of <i>Sclerotinia sclerotiorum</i> in Soybean. <i>Frontiers in Plant Science</i> , 2022, 13, 845698.	3.6	9
20	Overexpression of a Water-Forming NADH Oxidase Improves the Metabolism and Stress Tolerance of <i>Saccharomyces cerevisiae</i> in Aerobic Fermentation. <i>Frontiers in Microbiology</i> , 2016, 7, 1427.	3.5	8
21	<i>Pseudomonas putida</i> Represses JA- and SA-Mediated Defense Pathways in Rice and Promotes an Alternative Defense Mechanism Possibly through ABA Signaling. <i>Plants</i> , 2020, 9, 1641.	3.5	8
22	First Report of <i>Aspergillus flavus</i> Causing Fruit Rot on Kiwifruit in China. <i>Plant Disease</i> , 2022, 106, 1990.	1.4	8
23	First Report of <i>Botryosphaeria dothidea</i> Causing Stem Canker on Soybean in China. <i>Plant Disease</i> , 2021, 105, 1216-1216.	1.4	7
24	First Report of <i>Fusarium acuminatum</i> Causing Leaf Blight on Garlic in China. <i>Plant Disease</i> , 2023, 107, 213.	1.4	3
25	First Report of <i>Epicoccum sorghinum</i> Causing Leaf Sheath and Leaf Spot on Maize in China. <i>Plant Disease</i> , 2021, 105, 3741.	1.4	2
26	Metabolic and Transcriptional Analysis of Recombinant <i>Saccharomyces Cerevisiae</i> for Xylose Fermentation: A Feasible and Efficient Approach. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2022, 26, 2425-2434.	6.3	1