

Wenjing Sun

List of Publications by Year in descending order

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29
papers

537
citations

623734

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642732

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docs citations

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661
citing authors

#	ARTICLE	IF	CITATIONS
1	Uptake, translocation, and subcellular distribution of three triazole pesticides in rice. <i>Environmental Science and Pollution Research</i> , 2022, 29, 25581-25590.	5.3	13
2	Effects of tebuconazole application at different growth stages on rice grain quality of rice-based untargeted metabolomics. <i>Chemosphere</i> , 2022, 303, 134920.	8.2	5
3	Characterization of a transcriptional regulator PtxS from <i>Pseudomonas plecoglossicida</i> for regulating 2-ketogluconic acid metabolism. <i>International Journal of Biological Macromolecules</i> , 2021, 174, 330-338.	7.5	0
4	Ultrasound-assisted extraction and antioxidant activity of polysaccharides from <i>Acanthus ilicifolius</i> . <i>Journal of Food Measurement and Characterization</i> , 2020, 14, 1223-1235.	3.2	17
5	A macromolecular β -glucan from fruiting bodies of <i>Volvariella volvacea</i> activating RAW264.7 macrophages through MAPKs pathway. <i>Carbohydrate Polymers</i> , 2020, 230, 115674.	10.2	47
6	Biocatalytic Synthesis of D-Allulose Using Novel D-Tagatose 3-Epimerase From <i>Christensenella minuta</i> . <i>Frontiers in Chemistry</i> , 2020, 8, 622325.	3.6	12
7	ARTP mutation and adaptive laboratory evolution improve probiotic performance of <i>Bacillus coagulans</i> . <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 6363-6373.	3.6	24
8	Production of 2-keto-gluconic acid from glucose by immobilized <i>Pseudomonas plecoglossicida</i> resting cells. <i>3 Biotech</i> , 2020, 10, 253.	2.2	5
9	Two-Stage Semi-Continuous 2-Keto-Gluconic Acid (2KGA) Production by <i>Pseudomonas plecoglossicida</i> JUIM01 From Rice Starch Hydrolyzate. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 120.	4.1	11
10	Enhanced Acid Tolerance in <i>Lactobacillus acidophilus</i> by Atmospheric and Room Temperature Plasma (ARTP) Coupled with Adaptive Laboratory Evolution (ALE). <i>Applied Biochemistry and Biotechnology</i> , 2020, 191, 1499-1514.	2.9	24
11	A 2-ketogluconate kinase KguK in <i>Pseudomonas plecoglossicida</i> JUIM01: Enzymatic characterization and its role in 2-keto-d-gluconic acid metabolism. <i>International Journal of Biological Macromolecules</i> , 2020, 165, 2640-2648.	7.5	1
12	The Role of kguT Gene in 2-Ketogluconate-Producing <i>Pseudomonas plecoglossicida</i> JUIM01. <i>Applied Biochemistry and Biotechnology</i> , 2019, 187, 965-974.	2.9	5
13	A Membrane-Bound Gluconate Dehydrogenase from 2-Keto-d-Gluconic Acid Industrial Producing Strain <i>Pseudomonas plecoglossicida</i> JUIM01: Purification, Characterization, and Gene Identification. <i>Applied Biochemistry and Biotechnology</i> , 2019, 188, 897-913.	2.9	10
14	Random mutagenesis of <i>Clostridium butyricum</i> strain and optimization of biosynthesis process for enhanced production of 1,3-propanediol. <i>Bioresource Technology</i> , 2019, 284, 188-196.	9.6	42
15	A Novel 2-Keto-d-Gluconic Acid High-Producing Strain <i>Arthrobacter globiformis</i> JUIM02. <i>Applied Biochemistry and Biotechnology</i> , 2018, 185, 947-957.	2.9	5
16	Production of 1,3-propanediol using a novel 1,3-propanediol dehydrogenase from isolated <i>Clostridium butyricum</i> and co-biotransformation of whole cells. <i>Bioresource Technology</i> , 2018, 247, 838-843.	9.6	28
17	Enhanced d-tagatose production by spore surface-displayed l-arabinose isomerase from isolated <i>Lactobacillus brevis</i> PC16 and biotransformation. <i>Bioresource Technology</i> , 2018, 247, 940-946.	9.6	49
18	Production and characterization of a novel acidophilic and thermostable xylanase from <i>Thermoascus aurantiacus</i> . <i>International Journal of Biological Macromolecules</i> , 2018, 109, 1270-1279.	7.5	34

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19	Enhancing 2-Ketogluconate Production of <i>Pseudomonas plecoglossicida</i> JUIM01 by Maintaining the Carbon Catabolite Repression of 2-Ketogluconate Metabolism. <i>Molecules</i> , 2018, 23, 2629.	3.8	9
20	Enhancement of quality retention of <i>Grifola frondosa</i> fruiting bodies by erythorbic acid treatment. <i>3 Biotech</i> , 2018, 8, 305.	2.2	1
21	Purification, characterization and gene identification of a membrane-bound glucose dehydrogenase from 2-keto-d-gluconic acid industrial producing strain <i>Pseudomonas plecoglossicida</i> JUIM01. <i>International Journal of Biological Macromolecules</i> , 2018, 118, 534-541.	7.5	12
22	Genetically Engineered Strains: Application and Advances for 1,3-Propanediol Production from Glycerol. <i>Food Technology and Biotechnology</i> , 2018, 55, 3-15.	2.1	20
23	Improved xylitol production by expressing a novel d -arabitol dehydrogenase from isolated <i>Gluconobacter</i> sp. JX-05 and co-biotransformation of whole cells. <i>Bioresource Technology</i> , 2017, 235, 50-58.	9.6	20
24	<i>Grifola frondosa</i> Glycoprotein GFG-3a Arrests S phase, Alters Proteome, and Induces Apoptosis in Human Gastric Cancer Cells. <i>Nutrition and Cancer</i> , 2016, 68, 267-279.	2.0	26
25	2-Keto-D-Gluconate-Yielding Membrane-Bound D-Glucose Dehydrogenase from <i>Arthrobacter globiformis</i> C224: Purification and Characterization. <i>Molecules</i> , 2015, 20, 846-862.	3.8	8
26	Improvement of D-Ribose Production from Corn Starch Hydrolysate by a Transketolase-Deficient Strain <i>Bacillus subtilis</i> UJS0717. <i>BioMed Research International</i> , 2015, 2015, 1-14.	1.9	3
27	<i>Hericium erinaceus</i> polysaccharide-protein HEG-5 inhibits SGC-7901 cell growth via cell cycle arrest and apoptosis. <i>International Journal of Biological Macromolecules</i> , 2015, 76, 242-253.	7.5	44
28	Non-sterile and buffer-free bioconversion of glucose to 2-keto-gluconic acid by using <i>Pseudomonas fluorescens</i> AR4 free resting cells. <i>Process Biochemistry</i> , 2015, 50, 493-499.	3.7	20
29	Purification and partial characterization of a novel anti-tumor glycoprotein from cultured mycelia of <i>Grifola frondosa</i> . <i>International Journal of Biological Macromolecules</i> , 2013, 62, 684-690.	7.5	42