

# Lei Sun

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

106  
citations

1478505

6  
h-index

1372567

10  
g-index

12  
all docs

12  
docs citations

12  
times ranked

88  
citing authors

#	ARTICLE	IF	CITATIONS
1	Establishment of a transient CRISPR-Cas9 genome editing system in <i>Candida glycerinogenes</i> for co-production of ethanol and xylonic acid. <i>Journal of Bioscience and Bioengineering</i> , 2019, 128, 283-289.	2.2	30
2	Microbial production of human milk oligosaccharide lactodifucotetraose. <i>Metabolic Engineering</i> , 2021, 66, 12-20.	7.0	14
3	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
4	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
5	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
6	A uridine diphosphate-glycosyltransferase GFUCT88A1 derived from edible mushroom <i>Grifola frondosa</i> extends oligosaccharide chains. <i>Process Biochemistry</i> , 2022, 112, 80-91.	3.7	8
7	Functional Characterization and Structural Basis of the $\beta$ -1,3-Glucan Synthase CMGLS from Mushroom <i>Cordyceps militaris</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 8725-8737.	5.2	7
8	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
9	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
10	Changes of structures and biosynthesis/hydrolysis-associated genes expression of glucans at different <i>Volvariella volvacea</i> maturity stages. <i>International Journal of Biological Macromolecules</i> , 2021, 191, 996-1005.	7.5	3
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	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