

Jin-Song Gong

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

543
citations

687363

13
h-index

713466

21
g-index

22
all docs

22
docs citations

22
times ranked

540
citing authors

#	ARTICLE	IF	CITATIONS
1	Nitrilases in nitrile biocatalysis: recent progress and forthcoming research. <i>Microbial Cell Factories</i> , 2012, 11, 142.	4.0	172
2	Fabrication and characterization of high molecular keratin based nanofibrous membranes for wound healing. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 194, 111158.	5.0	37
3	Efficient keratinase expression via promoter engineering strategies for degradation of feather wastes. <i>Enzyme and Microbial Technology</i> , 2020, 137, 109550.	3.2	35
4	Combining Pro-peptide Engineering and Multisite Saturation Mutagenesis To Improve the Catalytic Potential of Keratinase. <i>ACS Synthetic Biology</i> , 2019, 8, 425-433.	3.8	32
5	The tale of a versatile enzyme: Molecular insights into keratinase for its industrial dissemination. <i>Biotechnology Advances</i> , 2020, 45, 107655.	11.7	29
6	Versatile strategies for bioproduction of hyaluronic acid driven by synthetic biology. <i>Carbohydrate Polymers</i> , 2021, 264, 118015.	10.2	28
7	Enzymatic Extraction of Bioactive and Self-Assembling Wool Keratin for Biomedical Applications. <i>Macromolecular Bioscience</i> , 2020, 20, e2000073.	4.1	27
8	Efficient biocatalytic synthesis of nicotinic acid by recombinant nitrilase via high density culture. <i>Bioresource Technology</i> , 2018, 260, 427-431.	9.6	21
9	Comparative Transcriptomic and Proteomic Analyses Reveal a Flu-Mediated Signaling Pathway Relating to Asexual Sporulation of <i>Antrodia camphorata</i> . <i>Proteomics</i> , 2017, 17, 1700256.	2.2	20
10	Isolation, Identification, and Culture Optimization of a Novel Glycinitrile-Hydrolyzing Fungus <i>Fusarium oxysporum</i> H3. <i>Applied Biochemistry and Biotechnology</i> , 2011, 165, 963-977.	2.9	19
11	Phospholipase D engineering for improving the biocatalytic synthesis of phosphatidylserine. <i>Bioprocess and Biosystems Engineering</i> , 2019, 42, 1185-1194.	3.4	17
12	A combination of bioinformatics analysis and rational design strategies to enhance keratinase thermostability for efficient biodegradation of feathers. <i>Science of the Total Environment</i> , 2022, 818, 151824.	8.0	15
13	Recombinant expression and molecular engineering of the keratinase from <i>Brevibacillus parabrevis</i> for dehairing performance. <i>Journal of Biotechnology</i> , 2020, 320, 57-65.	3.8	14
14	Preparation and applications of keratin biomaterials from natural keratin wastes. <i>Applied Microbiology and Biotechnology</i> , 2022, 106, 2349-2366.	3.6	14
15	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
16	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
17	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
18	Improving the Intensity of Integrated Expression for Microbial Production. <i>ACS Synthetic Biology</i> , 2021, 10, 2796-2807.	3.8	8

#	ARTICLE	IF	CITATIONS
19	Heterologous expression, fermentation strategies and molecular modification of collagen for versatile applications. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 5268-5289.	10.3	8
20	Phospholipids (PLs) know-how: exploring and exploiting phospholipase D for its industrial dissemination. <i>Critical Reviews in Biotechnology</i> , 2021, 41, 1257-1278.	9.0	7
21	Improving the biocatalytic performance of co-immobilized cells harboring nitrilase via addition of silica and calcium carbonate. <i>Bioprocess and Biosystems Engineering</i> , 2020, 43, 2201-2207.	3.4	6
22	Characterization, heterologous expression and engineering of trehalase for biotechnological applications. <i>Systems Microbiology and Biomanufacturing</i> , 0, , 1.	2.9	1