

Chengjian Jiang

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

537
citations

759233

12
h-index

713466

21
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40
all docs

40
docs citations

40
times ranked

641
citing authors

#	ARTICLE	IF	CITATIONS
1	Biochemical characterization of two novel β -glucosidase genes by metagenome expression cloning. <i>Bioresource Technology</i> , 2011, 102, 3272-3278.	9.6	50
2	V ⁵⁺ Reduction by <i>Polaromonas</i> spp. in Vanadium Mine Tailings. <i>Environmental Science & Technology</i> , 2020, 54, 14442-14454.	10.0	47
3	Characterization of a novel β -glucosidase-like activity from a soil metagenome. <i>Journal of Microbiology</i> , 2009, 47, 542-548.	2.8	40
4	Changes in microbial community structure in two anaerobic systems to treat bagasse spraying wastewater with and without addition of molasses alcohol wastewater. <i>Bioresource Technology</i> , 2013, 131, 333-340.	9.6	40
5	Desulfobacteriales stimulates nitrate reduction in the mangrove ecosystem of a subtropical gulf. <i>Science of the Total Environment</i> , 2021, 769, 144562.	8.0	33
6	Identification and characterization of a novel fumarase gene by metagenome expression cloning from marine microorganisms. <i>Microbial Cell Factories</i> , 2010, 9, 91.	4.0	29
7	Harnessing efficient multiplex PCR methods to detect the expanding Tet(X) family of tigeicycline resistance genes. <i>Virulence</i> , 2020, 11, 49-56.	4.4	29
8	Prevalence and proliferation of antibiotic resistance genes in the subtropical mangrove wetland ecosystem of South China Sea. <i>MicrobiologyOpen</i> , 2019, 8, e871.	3.0	27
9	Molecular cloning and functional characterization of a novel decarboxylase from uncultured microorganisms. <i>Biochemical and Biophysical Research Communications</i> , 2007, 357, 421-426.	2.1	21
10	Identification of a metagenome-derived β -glucosidase from bioreactor contents. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2010, 63, 11-16.	1.8	18
11	Carbohydrate metabolism genes dominant in a subtropical marine mangrove ecosystem revealed by metagenomics analysis. <i>Journal of Microbiology</i> , 2019, 57, 575-586.	2.8	18
12	Enhancing Production of l-Serine by Increasing the glyA Gene Expression in <i>Methylobacterium</i> sp. MB200. <i>Applied Biochemistry and Biotechnology</i> , 2010, 160, 740-750.	2.9	14
13	Whole genome sequencing and metabolomics analyses reveal the biosynthesis of nerol in a multi-stress-tolerant <i>Meyerozyma guilliermondii</i> GXDK6. <i>Microbial Cell Factories</i> , 2021, 20, 4.	4.0	14
14	Characterization of a Novel Serine Protease Inhibitor Gene from a Marine Metagenome. <i>Marine Drugs</i> , 2011, 9, 1487-1501.	4.6	12
15	Characterization of a metagenome-derived protease from contaminated agricultural soil microorganisms and its random mutagenesis. <i>Folia Microbiologica</i> , 2017, 62, 499-508.	2.3	12
16	Characterization of <i>NMCR</i> , a new non-mobile colistin resistance enzyme: implications for an <i>MCR</i> ancestor. <i>Environmental Microbiology</i> , 2021, 23, 844-860.	3.8	12
17	A novel β -glucosidase with lipolytic activity from a soil metagenome. <i>Folia Microbiologica</i> , 2011, 56, 563-570.	2.3	11
18	Identification and molecular characterization of a metagenome-derived L-lysine decarboxylase gene from subtropical soil microorganisms. <i>PLoS ONE</i> , 2017, 12, e0185060.	2.5	11

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19	Integration of Microbial Transformation Mechanism of Polyphosphate Accumulation and Sulfur Cycle in Subtropical Marine Mangrove Ecosystems with <i>Spartina alterniflora</i> Invasion. <i>Microbial Ecology</i> , 2023, 85, 478-494.	2.8	9
20	Effects of <i>Spartina alterniflora</i> Invasion on Nitrogen Fixation and Phosphorus Solubilization in a Subtropical Marine Mangrove Ecosystem. <i>Microbiology Spectrum</i> , 2022, 10, .	3.0	9
21	Biochemical characterization of a metagenome-derived decarboxylase. <i>Enzyme and Microbial Technology</i> , 2009, 45, 58-63.	3.2	8
22	A novel d-amino acid oxidase from a contaminated agricultural soil metagenome and its characterization. <i>Antonie Van Leeuwenhoek</i> , 2015, 107, 1615-1623.	1.7	8
23	Whole-Genome and Transcriptome Sequencing-Based Characterization of <i>Bacillus Cereus</i> NR1 From Subtropical Marine Mangrove and Its Potential Role in Sulfur Metabolism. <i>Frontiers in Microbiology</i> , 2022, 13, 856092.	3.5	8
24	Identification of a metagenome-derived prephenate dehydrogenase gene from an alkaline-polluted soil microorganism. <i>Antonie Van Leeuwenhoek</i> , 2013, 103, 1209-1219.	1.7	7
25	Isolation and biochemical characterization of a metagenome-derived 3-deoxy-d-arabino-heptulosonate-7-phosphate synthase gene from subtropical marine mangrove wetland sediments. <i>AMB Express</i> , 2019, 9, 19.	3.0	7
26	Simultaneous Enhancement of Thermostability and Catalytic Activity of a Metagenome-Derived β -Glucosidase Using Directed Evolution for the Biosynthesis of Butyl Glucoside. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6224.	4.1	7
27	Identification and molecular characterization of a psychrophilic GH1 β -glucosidase from the subtropical soil microorganism <i>Exiguobacterium</i> sp. GXG2. <i>AMB Express</i> , 2019, 9, 159.	3.0	6
28	Screening of <i>Burkholderia</i> sp. WGB31 producing anisic acid from anethole and optimization of fermentation conditions. <i>Journal of Basic Microbiology</i> , 2014, 54, 1251-1257.	3.3	5
29	Assessment of Multiple Anaerobic Co-Digestions and Related Microbial Community of Molasses with Rice-Alcohol Wastewater. <i>Energies</i> , 2020, 13, 4866.	3.1	5
30	Copper Tolerance Mechanism of the Novel Marine Multi-Stress Tolerant Yeast <i>Meyerozyma guilliermondii</i> GXDK6 as Revealed by Integrated Omics Analysis. <i>Frontiers in Microbiology</i> , 2021, 12, 771878.	3.5	4
31	Expression of a metagenome-derived fumarate reductase from marine microorganisms and its characterization. <i>Folia Microbiologica</i> , 2013, 58, 663-671.	2.3	2
32	Patterns and drivers of <i>Vibrio</i> isolates phylogenetic diversity in the Beibu Gulf, China. <i>Journal of Microbiology</i> , 2020, 58, 998-1009.	2.8	2
33	L-Cysteine Synthase Enhanced Sulfide Biotransformation in Subtropical Marine Mangrove Sediments as Revealed by Metagenomics Analysis. <i>Water (Switzerland)</i> , 2021, 13, 3053.	2.7	2
34	Multi-Omics Analysis of Lipid Metabolism for a Marine Probiotic <i>Meyerozyma guilliermondii</i> GXDK6 Under High NaCl Stress. <i>Frontiers in Genetics</i> , 2021, 12, 798535.	2.3	2
35	MicrobioSee: A Web-Based Visualization Toolkit for Multi-Omics of Microbiology. <i>Frontiers in Genetics</i> , 2022, 13, 853612.	2.3	2
36	Isolation and characterization of a gene associated with sulfate assimilation in <i>Sinorhizobium fredii</i> WGF03. <i>World Journal of Microbiology and Biotechnology</i> , 2014, 30, 3027-3035.	3.6	0

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37	Molecular Characterization and Directed Evolution of a Metagenome-Derived L-Cysteine Sulfinic Acid Decarboxylase. <i>Food Technology and Biotechnology</i> , 2018, 56, 117-123.	2.1	0