

Chi-Te Liu

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

1,030
citations

516710

16
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434195

31
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39
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39
docs citations

39
times ranked

1293
citing authors

#	ARTICLE	IF	CITATIONS
1	The hierarchical system of the <i>Alphaproteobacteria</i> ™: description of Hyphomonadaceae fam. nov., Xanthobacteraceae fam. nov. and Erythrobacteraceae fam. nov.. International Journal of Systematic and Evolutionary Microbiology, 2005, 55, 1907-1919.	1.7	266
2	The genome of the versatile nitrogen fixer Azorhizobium caulinodans ORS571. BMC Genomics, 2008, 9, 271.	2.8	104
3	Promoting Effects of a Single <i>Rhodopseudomonas palustris</i> Inoculant on Plant Growth by <i>Brassica rapa chinensis</i> under Low Fertilizer Input. Microbes and Environments, 2014, 29, 303-313.	1.6	57
4	Production of bacterial cellulose with various additives in a PCS rotating disk bioreactor and its material property analysis. Cellulose, 2016, 23, 367-377.	4.9	47
5	Evaluation of the effects of different liquid inoculant formulations on the survival and plant-growth-promoting efficiency of <i>Rhodopseudomonas palustris</i> strain PS3. Applied Microbiology and Biotechnology, 2016, 100, 7977-7987.	3.6	45
6	Rhizobial Factors Required for Stem Nodule Maturation and Maintenance in <i>Sesbania rostrata</i> - <i>Azorhizobium caulinodans</i> ORS571 Symbiosis. Applied and Environmental Microbiology, 2007, 73, 6650-6659.	3.1	44
7	Metagenomic, phylogenetic, and functional characterization of predominant endolithic green sulfur bacteria in the coral <i>Isopora palifera</i> . Microbiome, 2019, 7, 3.	11.1	44
8	Comparative Genome-Wide Transcriptional Profiling of <i>Azorhizobium caulinodans</i> ORS571 Grown under Free-Living and Symbiotic Conditions. Applied and Environmental Microbiology, 2009, 75, 5037-5046.	3.1	40
9	Evaluation of Methanogenic Strains and Their Ability to Endure Aeration and Water Stress. Current Microbiology, 2008, 56, 214-218.	2.2	33
10	Whole-genome sequencing and comparative analysis of two plant-associated strains of <i>Rhodopseudomonas palustris</i> (PS3 and YSC3). Scientific Reports, 2018, 8, 12769.	3.3	32
11	The implementation of HACCP management system in a chocolate ice cream plant. Journal of Food and Drug Analysis, 2014, 22, 391-398.	1.9	31
12	The Photosynthetic Bacterium <i>Rhodopseudomonas palustris</i> Strain PS3 Exerts Plant Growth-Promoting Effects by Stimulating Nitrogen Uptake and Elevating Auxin Levels in Expanding Leaves. Frontiers in Plant Science, 2021, 12, 573634.	3.6	24
13	From Lab to Farm: Elucidating the Beneficial Roles of Photosynthetic Bacteria in Sustainable Agriculture. Microorganisms, 2021, 9, 2453.	3.6	23
14	Isolation of a novel root-determined hypernodulation mutant <i>rdh10</i> of <i>Lotus japonicus</i> . Soil Science and Plant Nutrition, 2008, 54, 259-263.	1.9	20
15	Using high-throughput transcriptome sequencing to investigate the biotransformation mechanism of hexabromocyclododecane with <i>Rhodopseudomonas palustris</i> in water. Science of the Total Environment, 2019, 692, 249-258.	8.0	18
16	Isolation and Characterization of Dibenzofuran-Degrading <i>Comamonas</i> sp. Strains Isolated from White Clover Roots. Current Microbiology, 2004, 49, 288-294.	2.2	16
17	The implementation of a Hazard Analysis and Critical Control Point management system in a peanut butter ice cream plant. Journal of Food and Drug Analysis, 2015, 23, 509-515.	1.9	16
18	Peanut witches' broom (PnWB) phytoplasma-mediated leafy flower symptoms and abnormal vascular bundles development. Plant Signaling and Behavior, 2015, 10, e1107690.	2.4	15

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19	A High-Throughput Interbacterial Competition Screen Identifies ClpAP in Enhancing Recipient Susceptibility to Type VI Secretion System-Mediated Attack by <i>Agrobacterium tumefaciens</i> . <i>Frontiers in Microbiology</i> , 2019, 10, 3077.	3.5	15
20	Biodegradation of PBSA Films by Elite <i>Aspergillus</i> Isolates and Farmland Soil. <i>Polymers</i> , 2022, 14, 1320.	4.5	15
21	Characterization and evaluation of <i>Bacillus amyloliquefaciens</i> strain WF02 regarding its biocontrol activities and genetic responses against bacterial wilt in two different resistant tomato cultivars. <i>World Journal of Microbiology and Biotechnology</i> , 2016, 32, 183.	3.6	13
22	<i>Oryzomicrobium terrae</i> gen. nov., sp. nov., of the family Rhodocyclaceae isolated from paddy soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 183-189.	1.7	13
23	Functional Exploration of the Bacterial Type VI Secretion System in Mutualism: <i>Azorhizobium caulinodans</i> ORS571 as a Research Model. <i>Molecular Plant-Microbe Interactions</i> , 2018, 31, 856-867.	2.6	12
24	Essential factors that affect bioelectricity generation by <i>Rhodopseudomonas palustris</i> strain PS3 in paddy soil microbial fuel cells. <i>International Journal of Energy Research</i> , 2021, 45, 2231-2244.	4.5	12
25	Transcriptomic Analysis Reveals That Reactive Oxygen Species and Genes Encoding Lipid Transfer Protein Are Associated with Tobacco Hairy Root Growth and Branch Development. <i>Molecular Plant-Microbe Interactions</i> , 2014, 27, 678-687.	2.6	10
26	Enrichment of two isoflavone aglycones in black soymilk by <i>Rhizopus oligosporus</i> NTU 5 in a plastic composite support bioreactor. <i>Journal of the Science of Food and Agriculture</i> , 2016, 96, 3779-3786.	3.5	10
27	Involvement of the <i>Azorhizobial</i> Chromosome Partition Gene (<i>parA</i>) in the Onset of Bacteroid Differentiation during <i>Sesbania rostrata</i> Stem Nodule Development. <i>Applied and Environmental Microbiology</i> , 2011, 77, 4371-4382.	3.1	9
28	Development of a low-cost culture medium for the rapid production of plant growth-promoting <i>Rhodopseudomonas palustris</i> strain PS3. <i>PLoS ONE</i> , 2020, 15, e0236739.	2.5	9
29	The degradation mechanisms of <i>Rhodopseudomonas palustris</i> toward hexabromocyclododecane by time-course transcriptome analysis. <i>Chemical Engineering Journal</i> , 2021, 425, 130489.	12.7	9
30	Root-Determined Hypernodulation Mutant of <i>Lotus japonicus</i> Shows High-Yielding Characteristics. <i>Bioscience, Biotechnology and Biochemistry</i> , 2009, 73, 1690-1692.	1.3	7
31	Increase of the adhesion ability and display of a rumen fungal xylanase on the cell surface of <i>Lactobacillus casei</i> by using a listerial cell-wall-anchoring protein. <i>Journal of the Science of Food and Agriculture</i> , 2014, 94, 576-584.	3.5	5
32	Phylogenetic analyses of <i>Bradyrhizobium</i> symbionts associated with invasive <i>Crotalaria zanzibarica</i> and its coexisting legumes in Taiwan. <i>Systematic and Applied Microbiology</i> , 2018, 41, 619-628.	2.8	5
33	An outer membrane autotransporter, AoaA, of <i>Azorhizobium caulinodans</i> required for sustaining high N ₂ -fixing activity of stem nodules. <i>FEMS Microbiology Letters</i> , 2008, 285, 16-24.	1.8	4
34	Phylogenetic Identification, Phenotypic Variations, and Symbiotic Characteristics of the Peculiar Rhizobium, Strain CzR2, Isolated from <i>Crotalaria zanzibarica</i> in Taiwan. <i>Microbes and Environments</i> , 2016, 31, 410-417.	1.6	2
35	Overexpression of the Chromosome Partitioning Gene <i>parA</i> in <i>Azorhizobium caulinodans</i> ORS571 Alters the Bacteroid Morphotype in <i>Sesbania rostrata</i> Stem Nodules. <i>Frontiers in Microbiology</i> , 2019, 10, 2422.	3.5	2
36	A Self-powering Wireless Soil-pH and Electrical Conductance Monitoring IC with Hybrid Microbial Electrochemical and Photovoltaic Energy Harvesting. , 2022, , .		2

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37	Isolation and differential expression of β -1,3-glucanase messenger RNAs, SrGLU3 and SrGLU4, following inoculation of <i>Sesbania rostrata</i> . <i>Functional Plant Biology</i> , 2006, 33, 983.	2.1	1
38	Soymilk Isoflavone Conversion Prediction by Adaptive Neuro-Fuzzy Inference System. <i>Transactions of the ASABE</i> , 2015, 58, 1853-1860.	1.1	0