Suping Zhou

List of Publications by Year in descending order

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33 papers	679 citations	623734 14 h-index	580821 25 g-index
35 all docs	35 docs citations	35 times ranked	956 citing authors

#	Article	IF	Citations
1	Proteome changes induced by aluminium stress in tomato roots. Journal of Experimental Botany, 2009, 60, 1849-1857.	4.8	103
2	Microbial cellulolytic enzymes: diversity and biotechnology with reference to lignocellulosic biomass degradation. Reviews in Environmental Science and Biotechnology, 2020, 19, 621-648.	8.1	95
3	Biochemical Characteristics of Microbial Enzymes and Their Significance from Industrial Perspectives. Molecular Biotechnology, 2019, 61, 579-601.	2.4	58
4	Identification of Salt-induced Changes in Leaf and Root Proteomes of the Wild Tomato, Solanum chilense. Journal of the American Society for Horticultural Science, 2011, 136, 288-302.	1.0	42
5	Proteome Modification in Tomato Plants upon Long-Term Aluminum Treatment. Journal of Proteome Research, 2016, 15, 1670-1684.	3.7	37
6	Development of a laser capture microscope-based single-cell-type proteomics tool for studying proteomes of individual cell layers of plant roots. Horticulture Research, 2016, 3, 16026.	6.3	34
7	Differential Root Proteome Expression in Tomato Genotypes with Contrasting Drought Tolerance Exposed to Dehydration. Journal of the American Society for Horticultural Science, 2013, 138, 131-141.	1.0	31
8	Heat-induced Proteome Changes in Tomato Leaves. Journal of the American Society for Horticultural Science, 2011, 136, 219-226.	1.0	26
9	Overexpression of Pear (Pyrus pyrifolia) CAD2 in Tomato Affects Lignin Content. Molecules, 2019, 24, 2595.	3.8	22
10	Salt-induced and Salt-suppressed Proteins in Tomato Leaves. Journal of the American Society for Horticultural Science, 2009, 134, 289-294.	1.0	22
11	Effect of Aluminum Treatment on Proteomes of Radicles of Seeds Derived from Al-Treated Tomato Plants. Proteomes, 2014, 2, 169-190.	3.5	21
12	Aluminum induced proteome changes in tomato cotyledons. Plant Signaling and Behavior, 2009, 4, 769-772.	2.4	19
13	Non-sterile fermentation of food waste using thermophilic and alkaliphilic Bacillus licheniformis YNP5-TSU for 2,3-butanediol production. Waste Management, 2021, 120, 248-256.	7.4	19
14	Drought-Induced Leaf Proteome Changes in Switchgrass Seedlings. International Journal of Molecular Sciences, 2016, 17, 1251.	4.1	18
15	PpNAC187 Enhances Lignin Synthesis in â€˜Whangkeumbaeâ€™ Pear (Pyrus pyrifolia) â€˜Hard-Endâ€™ Fruit. Molecules, 2019, 24, 4338.	3.8	17
16	Identification of Proteins for Salt Tolerance Using a Comparative Proteomics Analysis of Tomato Accessions with Contrasting Salt Tolerance. Journal of the American Society for Horticultural Science, 2013, 138, 382-394.	1.0	14
17	Thermophilic and Alkaliphilic Bacillus licheniformis YNP5-TSU as an Ideal Candidate for 2,3-Butanediol Production. ACS Sustainable Chemistry and Engineering, 2020, 8, 11244-11252.	6.7	13
18	The Al-induced proteomes of epidermal and outer cortical cells in root apex of cherry tomato â€˜LA 2710â€™. Journal of Proteomics, 2020, 211, 103560.	2.4	12

#	Article	IF	Citations
19	Draft Genome Sequence of New Bacillus cereus Strain tsu1. Genome Announcements, 2014, 2, .	0.8	9
20	Association of Proteomics Changes with Al-Sensitive Root Zones in Switchgrass. Proteomes, 2018, 6, 15.	3.5	9
21	Genome Structure ofBacillus cereustsu1 and Genes Involved in Cellulose Degradation and Poly-3-Hydroxybutyrate Synthesis. International Journal of Polymer Science, 2017, 2017, 1-12.	2.7	7
22	Al-induced proteomics changes in tomato plants over-expressing a glyoxalase I gene. Horticulture Research, 2020, 7, 43.	6.3	7
23	Bioinformatics profiling and expressional studies of microRNAs in root, stem and leaf of the bioenergy plant switchgrass (Panicum virgatum L.) under drought stress. Agri Gene, 2018, 8, 1-8.	1.9	6
24	Proteomic Effects of Magnesium Stress on Biofilm Associated Proteins Isolated from Cellulolytic Bacillus licheniformis YNP5-TSU. , 2019, 12, .		6
25	Using single cell type proteomics to identify Al-induced proteomes in outer layer cells and interior tissues in the apical meristem/cell division regions of tomato root-tips. Journal of Proteomics, 2022, 255, 104486.	2.4	6
26	Draft Genome Sequence of Bacillus licheniformis Strain YNP1-TSU Isolated from Whiterock Springs in Yellowstone National Park. Genome Announcements, 2017, 5, .	0.8	5
27	Comparative Proteomics of Root Apex and Root Elongation Zones Provides Insights into Molecular Mechanisms for Drought Stress and Recovery Adjustment in Switchgrass. Proteomes, 2020, 8, 3.	3.5	5
28	Draft Genome Sequence of Bacillus altitudinis YNP4-TSU, Isolated from Yellowstone National Park. Genome Announcements, 2017, 5, .	0.8	4
29	Effects of Al3+ and La3+ Trivalent Metal Ions on Tomato Fruit Proteomes. Proteomes, 2017, 5, 7.	3.5	3
30	Proteome profile changes during poly-hydroxybutyrate intracellular mobilization in gram positive Bacillus cereus tsu1. BMC Microbiology, 2020, 20, 122.	3.3	2
31	Biochemical and genomic identification of novel thermophilic Bacillus licheniformis strains YNP1-TSU, YNP2-TSU, and YNP3-TSU with potential in 2,3-butanediol production from non-sterile food waste fermentation. Food and Bioproducts Processing, 2021, 129, 34-45.	3.6	2
32	Draft Genome Sequences of Three Cellulolytic Bacillus licheniformis Strains Isolated from Imperial Geyser, Amphitheater Springs, and Whiterock Springs inside Yellowstone National Park. Genome Announcements, 2017, 5, .	0.8	1
33	Identification of heat-induced proteomes in meiotic pollen mother cells of tomato 'Maxifort' using single-cell-type tandem mass tag (TMT) proteomics. Vegetable Research, 2022, 2, 1-14.	0.7	1