

Tara Fish

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

886
citations

567281

15
h-index

501196

28
g-index

29
all docs

29
docs citations

29
times ranked

1440
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Arabidopsis</i> OR proteins are the major posttranscriptional regulators of phytoene synthase in controlling carotenoid biosynthesis. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 3558-3563.	7.1	236
2	Proteomic analysis of chromoplasts from six crop species reveals insights into chromoplast function and development. Journal of Experimental Botany, 2013, 64, 949-961.	4.8	85
3	Plastid ribosomal protein S5 is involved in photosynthesis, plant development, and cold stress tolerance in <i>Arabidopsis</i> . Journal of Experimental Botany, 2016, 67, 2731-2744.	4.8	81
4	Effects of Selenium Supplementation on Glucosinolate Biosynthesis in Broccoli. Journal of Agricultural and Food Chemistry, 2018, 66, 8036-8044.	5.2	51
5	Identification of Salt-induced Changes in Leaf and Root Proteomes of the Wild Tomato, <i>Solanum chilense</i> . Journal of the American Society for Horticultural Science, 2011, 136, 288-302.	1.0	42
6	Comparative characterization of the glycosylation profiles of an influenza hemagglutinin produced in plant and insect hosts. Proteomics, 2012, 12, 1269-1288.	2.2	41
7	Proteome Modification in Tomato Plants upon Long-Term Aluminum Treatment. Journal of Proteome Research, 2016, 15, 1670-1684.	3.7	37
8	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
9	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
10	Discovery and Targeted LC-MS/MS of Purified Poliovirus Reveals Differences in the Virus-Host Interactome Associated with Altered Aphid Transmission. PLoS ONE, 2012, 7, e48177.	2.5	28
11	Heat-induced Proteome Changes in Tomato Leaves. Journal of the American Society for Horticultural Science, 2011, 136, 219-226.	1.0	26
12	Biomarker discovery from the top down: Protein biomarkers for efficient virus transmission by insects (Homoptera: Aphididae) discovered by coupling genetics and 2D DIGE. Proteomics, 2011, 11, 2440-2458.	2.2	24
13	Salt-induced and Salt-suppressed Proteins in Tomato Leaves. Journal of the American Society for Horticultural Science, 2009, 134, 289-294.	1.0	22
14	Effect of Aluminum Treatment on Proteomes of Radicles of Seeds Derived from Al-Treated Tomato Plants. Proteomes, 2014, 2, 169-190.	3.5	21
15	Drought-Induced Leaf Proteome Changes in Switchgrass Seedlings. International Journal of Molecular Sciences, 2016, 17, 1251.	4.1	18
16	Effect of continuous white light illumination on glucosinolate metabolism during postharvest storage of broccoli. LWT - Food Science and Technology, 2021, 145, 111302.	5.2	16
17	A workflow for large-scale empirical identification of cell wall N-linked glycoproteins of tomato (<i>Solanum lycopersicum</i>) fruit by tandem mass spectrometry. Electrophoresis, 2013, 34, 2417-2431.	2.4	15
18	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

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19	The Al-induced proteomes of epidermal and outer cortical cells in root apex of cherry tomato "LA 2710". <i>Journal of Proteomics</i> , 2020, 211, 103560.	2.4	12
20	Multi-strategy engineering greatly enhances provitamin A carotenoid accumulation and stability in <i>Arabidopsis</i> seeds. <i>ABIOTECH</i> , 2021, 2, 191-214.	3.9	11
21	Association of Proteomics Changes with Al-Sensitive Root Zones in Switchgrass. <i>Proteomes</i> , 2018, 6, 15.	3.5	9
22	Al-induced proteomics changes in tomato plants over-expressing a glyoxalase I gene. <i>Horticulture Research</i> , 2020, 7, 43.	6.3	7
23	Homopteran Vector Biomarkers for Efficient Circulative Plant Virus Transmission are Conserved in Multiple Aphid Species and the Whitefly <i>Bemisia tabaci</i> . <i>Journal of Integrative Agriculture</i> , 2012, 11, 249-262.	3.5	6
24	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. <i>Journal of Proteomics</i> , 2022, 255, 104486.	2.4	6
25	Comparative Proteomics of Root Apex and Root Elongation Zones Provides Insights into Molecular Mechanisms for Drought Stress and Recovery Adjustment in Switchgrass. <i>Proteomes</i> , 2020, 8, 3.	3.5	5
26	Effects of Al ³⁺ and La ³⁺ Trivalent Metal Ions on Tomato Fruit Proteomes. <i>Proteomes</i> , 2017, 5, 7.	3.5	3
27	Proteome profile changes during poly-hydroxybutyrate intracellular mobilization in gram positive <i>Bacillus cereus</i> tsu1. <i>BMC Microbiology</i> , 2020, 20, 122.	3.3	2
28	Identification of heat-induced proteomes in meiotic pollen mother cells of tomato 'Maxifort' using single-cell-type tandem mass tag (TMT) proteomics. <i>Vegetable Research</i> , 2022, 2, 1-14.	0.7	1