Tara Fish

List of Publications by Year
in descending order

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28	886	567281 15	501196 28
papers	citations	h-index	g-index

29	29	29	1440
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	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
3	Multi-strategy engineering greatly enhances provitamin A carotenoid accumulation and stability in Arabidopsis seeds. ABIOTECH, 2021, 2, 191-214.	3.9	11
4	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
5	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
6	Proteome profile changes during poly-hydroxybutyrate intracellular mobilization in gram positive Bacillus cereus tsu1. BMC Microbiology, 2020, 20, 122.	3.3	2
7	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
8	Al-induced proteomics changes in tomato plants over-expressing a glyoxalase I gene. Horticulture Research, 2020, 7, 43.	6.3	7
9	Effects of Selenium Supplementation on Glucosinolate Biosynthesis in Broccoli. Journal of Agricultural and Food Chemistry, 2018, 66, 8036-8044.	5.2	51
10	Association of Proteomics Changes with Al-Sensitive Root Zones in Switchgrass. Proteomes, 2018, 6, 15.	3.5	9
11	Effects of Al3+ and La3+ Trivalent Metal Ions on Tomato Fruit Proteomes. Proteomes, 2017, 5, 7.	3.5	3
12	Drought-Induced Leaf Proteome Changes in Switchgrass Seedlings. International Journal of Molecular Sciences, 2016, 17, 1251.	4.1	18
13	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
14	Plastid ribosomal protein S5 is involved in photosynthesis, plant development, and cold stress tolerance in Arabidopsis. Journal of Experimental Botany, 2016, 67, 2731-2744.	4.8	81
15	Proteome Modification in Tomato Plants upon Long-Term Aluminum Treatment. Journal of Proteome Research, 2016, 15, 1670-1684.	3.7	37
16	Arabidopsis 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
17	Effect of Aluminum Treatment on Proteomes of Radicles of Seeds Derived from Al-Treated Tomato Plants. Proteomes, 2014, 2, 169-190.	3.5	21
18	A workflow for largeâ€scale empirical identification of cell wall Nâ€linked glycoproteins of tomato (Solanum lycopersicum) fruit by tandem mass spectrometry. Electrophoresis, 2013, 34, 2417-2431.	2.4	15

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19	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
20	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
21	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
22	Homopteran Vector Biomarkers for Efficient Circulative Plant Virus Transmission are Conserved in Multiple Aphid Species and the Whitefly Bemisia tabaci. Journal of Integrative Agriculture, 2012, 11, 249-262.	3.5	6
23	Comparative characterization of the glycosylation profiles of an influenza hemagglutinin produced in plant and insect hosts. Proteomics, 2012, 12, 1269-1288.	2.2	41
24	Discovery and Targeted LC-MS/MS of Purified Polerovirus Reveals Differences in the Virus-Host Interactome Associated with Altered Aphid Transmission. PLoS ONE, 2012, 7, e48177.	2.5	28
25	Biomarker discovery from the top down: Protein biomarkers for efficient virus transmission by insects (Homoptera: Aphididae) discovered by coupling genetics and 2â€D DIGE. Proteomics, 2011, 11, 2440-2458.	2.2	24
26	Heat-induced Proteome Changes in Tomato Leaves. Journal of the American Society for Horticultural Science, 2011, 136, 219-226.	1.0	26
27	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
28	Salt-induced and Salt-suppressed Proteins in Tomato Leaves. Journal of the American Society for Horticultural Science, 2009, 134, 289-294.	1.0	22