Ghasem Hosseini Salekdeh

List of Publications by Year
in descending order

39 papers	3,282 citations	159585 30 h-index	302126 39 g-index
39 all docs	39 docs citations	39 times ranked	3934 citing authors

#	Article	IF	Citations
1	The Human Proteome Project: Current State and Future Direction. Molecular and Cellular Proteomics, 2011, 10, M111.009993.	3.8	294
2	Proteome analysis of sugar beet leaves under drought stress. Proteomics, 2005, 5, 950-960.	2.2	256
3	Conceptual framework for drought phenotyping during molecular breeding. Trends in Plant Science, 2009, 14, 488-496.	8.8	213
4	Proteomics Uncovers a Role for Redox in Drought Tolerance in WheatÂ§. Journal of Proteome Research, 2007, 6, 1451-1460.	3.7	179
5	Effects of salinity levels on proteome ofSuaeda aegyptiaca leaves. Proteomics, 2006, 6, 2542-2554.	2.2	173
6	Crop proteomics: Aim at sustainable agriculture of tomorrow. Proteomics, 2007, 7, 2976-2996.	2.2	155
7	Proteomics study reveals the molecular mechanisms underlying water stress tolerance induced by Piriformospora indica in barley. Journal of Proteomics, 2013, 94, 289-301.	2.4	150
8	Proteomic responses of rice young panicles to salinity. Proteomics, 2006, 6, 6498-6507.	2.2	144
9	Proteomics Reveals New Salt Responsive Proteins Associated with Rice Plasma Membrane. Bioscience, Biotechnology and Biochemistry, 2007, 71, 2144-2154.	1.3	141
10	Standard Guidelines for the Chromosome-Centric Human Proteome Project. Journal of Proteome Research, 2012, 11, 2005-2013.	3.7	135
11	A proteomics view on the role of drought-induced senescence and oxidative stress defense in enhanced stem reserves remobilization in wheat. Journal of Proteomics, 2011, 74, 1959-1973.	2.4	111
12	Proteome response of Elymus elongatum to severe water stress and recovery. Journal of Experimental Botany, 2006, 58, 291-300.	4.8	106
13	Comparative physiology and proteomic analysis of two wheat genotypes contrasting in drought tolerance. Journal of Proteomics, 2015, 114, 1-15.	2.4	99
14	Comparative proteomic analysis of canola leaves under salinity stress. Proteomics, 2011, 11, 1965-1975.	2.2	97
15	Shotgun Proteomic Analysis of Long-distance Drought Signaling in Rice Roots. Journal of Proteome Research, 2012, 11, 348-358.	3.7	92
16	A comparative proteome approach to decipher the mechanism of rice adaptation to phosphorous deficiency. Proteomics, 2009, 9, 159-170.	2.2	80
17	Root endophytic fungus Piriformospora indica improves drought stress adaptation in barley by metabolic and proteomic reprogramming. Environmental and Experimental Botany, 2019, 157, 197-210.	4.2	80
18	A proteomics approach to study the molecular basis of enhanced salt tolerance in barley (Hordeum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 2013, 9, 1498.	2.9	67

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19	Physiology and proteome responses of two contrasting rice mutants and their wild type parent under salt stress conditions at the vegetative stage. Journal of Plant Physiology, 2014, 171, 31-44.	3.5	62
20	Proteomic analysis of rice anthers under salt stress. Plant Physiology and Biochemistry, 2012, 58, 280-287.	5.8	58
21	Cold Acclimation Proteome Analysis Reveals Close Link between the Up-Regulation of Low-Temperature Associated Proteins and Vernalization Fulfillment. Journal of Proteome Research, 2010, 9, 5658-5667.	3.7	56
22	Shotgun Proteomic Analysis of the Mexican Lime Tree Infected with â€œCandidatusPhytoplasma aurantifoliaâ€• Journal of Proteome Research, 2013, 12, 785-795.	3.7	54
23	Quest for Missing Proteins: Update 2015 on Chromosome-Centric Human Proteome Project. Journal of Proteome Research, 2015, 14, 3415-3431.	3.7	53
24	A Fresh Look at the Male-specific Region of the Human Y Chromosome. Journal of Proteome Research, 2013, 12, 6-22.	3.7	52
25	Manipulating Root Water Supply Elicits Major Shifts in the Shoot Proteome. Journal of Proteome Research, 2014, 13, 517-526.	3.7	52
26	Proteomic analysis of the Mexican lime tree response to â€œCandidatus Phytoplasma aurantifoliaâ€• infection. Molecular BioSystems, 2011, 7, 3028.	2.9	43
27	Launching the C-HPP neXt-CP50 Pilot Project for Functional Characterization of Identified Proteins with No Known Function. Journal of Proteome Research, 2018, 17, 4042-4050.	3.7	41
28	PlantPReS: A database for plant proteome response to stress. Journal of Proteomics, 2016, 143, 69-72.	2.4	37
29	Drought responsive microRNAs in two barley cultivars differing in their level of sensitivity to drought stress. Plant Physiology and Biochemistry, 2017, 118, 121-129.	5.8	37
30	Two Splice Variants of Y Chromosome-Located Lysine-Specific Demethylase 5D Have Distinct Function in Prostate Cancer Cell Line (DU-145). Journal of Proteome Research, 2015, 14, 3492-3502.	3.7	35
31	Isoform-Level Gene Expression Profiles of Human Y Chromosome Azoospermia Factor Genes and Their X Chromosome Paralogs in the Testicular Tissue of Non-Obstructive Azoospermia Patients. Journal of Proteome Research, 2015, 14, 3595-3605.	3.7	35
32	Plantâ€“Microbe Symbiosis: What Has Proteomics Taught Us?. Proteomics, 2019, 19, e1800105.	2.2	22
33	Comparative proteomic and physiological characterisation of two closely related rice genotypes with contrasting responses to salt stress. Functional Plant Biology, 2015, 42, 527.	2.1	20
34	Proteomics of Important Food Crops in the Asia Oceania Region: Current Status and Future Perspectives. Journal of Proteome Research, 2015, 14, 2723-2744.	3.7	16
35	Proteomic and metabolomic analysis of desiccation tolerance in wheat young seedlings. Plant Physiology and Biochemistry, 2020, 146, 349-362.	5.8	13
36	Genome-Wide Expression Analysis of Root Tips in Contrasting Rice Genotypes Revealed Novel Candidate Genes for Water Stress Adaptation. Frontiers in Plant Science, 2022, 13, 792079.	3.6	10

#	Article	IF	Citations
37	The Quest for Missing Proteins in Rice. Molecular Plant, 2019, 12, 4-6.	8.3	8
38	Differential adaptation strategies to different levels of soil water deficit in two upland and lowland genotypes of rice: a physiological and metabolic approach. Journal of the Science of Food and Agriculture, 2020, 100, 1458-1469.	3.5	5
39	The Contribution of Y Chromosome Genes to Spontaneous Differentiation of Human Embryonic Stem Cells into Embryoid Bodies. Cell Journal, 2021, 23, 40-50.	0.2	1