

KlËjra KosovËj

List of Publications by Year in descending order

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43
papers

2,820
citations

257101

24
h-index

288905

40
g-index

43
all docs

43
docs citations

43
times ranked

3563
citing authors

#	ARTICLE	IF	CITATIONS
1	Plant proteome changes under abiotic stress – Contribution of proteomics studies to understanding plant stress response. <i>Journal of Proteomics</i> , 2011, 74, 1301-1322.	1.2	700
2	Plant Abiotic Stress Proteomics: The Major Factors Determining Alterations in Cellular Proteome. <i>Frontiers in Plant Science</i> , 2018, 9, 122.	1.7	240
3	Complex phytohormone responses during the cold acclimation of two wheat cultivars differing in cold tolerance, winter Samanta and spring Sandra. <i>Journal of Plant Physiology</i> , 2012, 169, 567-576.	1.6	209
4	The role of dehydrins in plant response to cold. <i>Biologia Plantarum</i> , 2007, 51, 601-617.	1.9	188
5	Protein Contribution to Plant Salinity Response and Tolerance Acquisition. <i>International Journal of Molecular Sciences</i> , 2013, 14, 6757-6789.	1.8	170
6	Wheat and barley dehydrins under cold, drought, and salinity – what can LEA-II proteins tell us about plant stress response?. <i>Frontiers in Plant Science</i> , 2014, 5, 343.	1.7	134
7	Biological Networks Underlying Abiotic Stress Tolerance in Temperate Crops – A Proteomic Perspective. <i>International Journal of Molecular Sciences</i> , 2015, 16, 20913-20942.	1.8	125
8	Proteome Analysis of Cold Response in Spring and Winter Wheat (<i>Triticum aestivum</i>) Crowns Reveals Similarities in Stress Adaptation and Differences in Regulatory Processes between the Growth Habits. <i>Journal of Proteome Research</i> , 2013, 12, 4830-4845.	1.8	102
9	Proteomics of stress responses in wheat and barley – search for potential protein markers of stress tolerance. <i>Frontiers in Plant Science</i> , 2014, 5, 711.	1.7	95
10	Analysis of proteome and frost tolerance in chromosome 5A and 5B reciprocal substitution lines between two winter wheats during long-term cold acclimation. <i>Proteomics</i> , 2012, 12, 68-85.	1.3	71
11	Plant proteome responses to salinity stress – comparison of glycophytes and halophytes. <i>Functional Plant Biology</i> , 2013, 40, 775.	1.1	67
12	The relationship between vernalization and photoperiodically-regulated genes and the development of frost tolerance in wheat and barley. <i>Biologia Plantarum</i> , 2008, 52, 601-615.	1.9	55
13	Expression of dehydrin 5 during the development of frost tolerance in barley (<i>Hordeum vulgare</i>). <i>Journal of Plant Physiology</i> , 2008, 165, 1142-1151.	1.6	53
14	Quantitative analysis of proteome extracted from barley crowns grown under different drought conditions. <i>Frontiers in Plant Science</i> , 2015, 6, 479.	1.7	53
15	Proteomic Response of <i>Hordeum vulgare</i> cv. Tadmor and <i>Hordeum marinum</i> to Salinity Stress: Similarities and Differences between a Glycophyte and a Halophyte. <i>Frontiers in Plant Science</i> , 2016, 07, 1154.	1.7	51
16	Proteins Involved in Distinct Phases of Cold Hardening Process in Frost Resistant Winter Barley (<i>Hordeum vulgare</i> L.) cv Luxor. <i>International Journal of Molecular Sciences</i> , 2013, 14, 8000-8024.	1.8	43
17	Dynamics of cold acclimation and complex phytohormone responses in <i>Triticum monococcum</i> lines C3116 and DV92 differing in vernalization and frost tolerance level. <i>Environmental and Experimental Botany</i> , 2014, 101, 12-25.	2.0	42
18	Proteomic and physiological approach reveals drought-induced changes in rapeseeds: Water-saver and water-spender strategy. <i>Journal of Proteomics</i> , 2017, 152, 188-205.	1.2	39

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19	Breeding for enhanced drought resistance in barley and wheat - drought-associated traits, genetic resources and their potential utilization in breeding programmes. <i>Czech Journal of Genetics and Plant Breeding</i> , 2014, 50, 247-261.	0.4	36
20	Accumulation of WCS120 protein in wheat cultivars grown at 9°C or 17°C in relation to their winter survival. <i>Plant Breeding</i> , 2010, 129, 611-616.	1.0	34
21	Expression of dehydrins in wheat and barley under different temperatures. <i>Plant Science</i> , 2011, 180, 46-52.	1.7	33
22	Cereal resistance to <i>Fusarium</i> head blight and possibilities of its improvement through breeding. <i>Czech Journal of Genetics and Plant Breeding</i> , 2009, 45, 87-105.	0.4	31
23	Accumulation of WCS120 and DHN5 proteins in differently frost-tolerant wheat and barley cultivars grown under a broad temperature scale. <i>Biologia Plantarum</i> , 2013, 57, 105-112.	1.9	31
24	Global Scale Transcriptional Profiling of Two Contrasting Barley Genotypes Exposed to Moderate Drought Conditions: Contribution of Leaves and Crowns to Water Shortage Coping Strategies. <i>Frontiers in Plant Science</i> , 2016, 7, 1958.	1.7	28
25	Recent advances in breeding of cereals for resistance to barley yellow dwarf virus. <i>Czech Journal of Genetics and Plant Breeding</i> , 2008, 44, 1-10.	0.4	26
26	Relationship Between Dehydrin Accumulation and Winter Survival in Winter Wheat and Barley Grown in the Field. <i>Frontiers in Plant Science</i> , 2019, 10, 7.	1.7	21
27	The development of frost tolerance and DHN5 protein accumulation in barley (<i>Hordeum vulgare</i>) doubled haploid lines derived from Atlas 68—Igrī cross during cold acclimation. <i>Journal of Plant Physiology</i> , 2010, 167, 343-350.	1.6	19
28	The effect of <i>Fusarium culmorum</i> infection and deoxynivalenol (DON) application on proteome response in barley cultivars Chevron and Pedant. <i>Journal of Proteomics</i> , 2017, 169, 112-124.	1.2	17
29	Oats as a Safe Alternative to Triticeae Cereals for People Suffering from Celiac Disease? A Review. <i>Plant Foods for Human Nutrition</i> , 2020, 75, 131-141.	1.4	17
30	Plant Proteoforms Under Environmental Stress: Functional Proteins Arising From a Single Gene. <i>Frontiers in Plant Science</i> , 2021, 12, 793113.	1.7	17
31	Drought Stress Response in Common Wheat, Durum Wheat, and Barley: Transcriptomics, Proteomics, Metabolomics, Physiology, and Breeding for an Enhanced Drought Tolerance. , 2016, , 277-314.		14
32	Breeding drought-resistant crops: G×E interactions, proteomics and pQTLs. <i>Journal of Experimental Botany</i> , 2019, 70, 2605-2608.	2.4	9
33	Characterization of the first Czech sorghum variety Ruzrok tested in Czech Republic. <i>Czech Journal of Genetics and Plant Breeding</i> , 2017, 53, 37-44.	0.4	8
34	COR/LEA Proteins as Indicators of Frost Tolerance in Triticeae: A Comparison of Controlled versus Field Conditions. <i>Plants</i> , 2021, 10, 789.	1.6	7
35	Proteome analysis in plant stress research: a review. <i>Czech Journal of Genetics and Plant Breeding</i> , 2007, 43, 1-6.	0.4	6
36	Responses of two barley cultivars differing in their salt tolerance to moderate and high salinities and subsequent recovery. <i>Biologia Plantarum</i> , 2015, 59, 106-114.	1.9	6

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37	Mining Sorghum Biodiversityâ€”Potential of Dual-Purpose Hybrids for Bio-Economy. Diversity, 2021, 13, 192.	0.7	6
38	Photosynthetic performance of two maize genotypes as affected by chilling stress. Plant, Soil and Environment, 2005, 51, 206-212.	1.0	5
39	Response of the spring wheatâ€”cereal aphid system to drought: support for the plant vigour hypothesis. Journal of Pest Science, 2023, 96, 523-537.	1.9	5
40	Genetic characterization and evaluation of twenty Chinese winter wheat cultivars as potential sources of new diversity for breeding. Czech Journal of Genetics and Plant Breeding, 2019, 55, 8-14.	0.4	2
41	The effect of Fusarium culmorum inoculation and deoxynivalenol application on proteome response in wheat cultivars Sumai 3 and SW Kadirij. Biologia Plantarum, 0, 65, 221-236.	1.9	2
42	Role of Dehydrins in Plant Stress Response. , 2019, , 175-196.		2
43	Specific Avenin Cross-Reactivity with G12 Antibody in a Wide Range of Current Oat Cultivars. Foods, 2022, 11, 567.	1.9	1