Carla Pinheiro

List of Publications by Year in descending order

45 papers	6,805 citations	218677 26 h-index	243625 44 g-index
45 all docs	45 docs citations	45 times ranked	9448 citing authors

#	Article	IF	Citations
1	Mediterranean woody agroecosystems in a warming and drier climate: the importance of knowledge-based management. Flora: Morphology, Distribution, Functional Ecology of Plants, 2022, 291, 152070.	1.2	4
2	Primary Metabolism Is Distinctly Modulated by Plant Resistance Inducers in Coffea arabica Leaves Infected by Hemileia vastatrix. Frontiers in Plant Science, 2020, 11, 309.	3.6	10
3	Why Manuela Chaves decided to become a scientist. Theoretical and Experimental Plant Physiology, 2020, 32, 1-4.	2.4	1
4	Phellem Cell-Wall Components Are Discriminants of Cork Quality in Quercus suber. Frontiers in Plant Science, 2019, 10, 944.	3.6	10
5	Opportunities and Limitations of Crop Phenotyping in Southern European Countries. Frontiers in Plant Science, 2019, 10, 1125.	3.6	37
6	Distinctive phytohormonal and metabolic profiles of Arabidopsis thaliana and Eutrema salsugineum under similar soil drying. Planta, 2019, 249, 1417-1433.	3.2	5
7	Transcriptional profiling of cork oak phellogenic cells isolated by laser microdissection. Planta, 2018, 247, 317-338.	3.2	46
8	Fleshy Fruit Epidermis is a Protective Barrier Under Water Stress. , 2018, , 507-533.		7
9	Salinity effect on germination, seedling growth and cotyledon membrane complexes of a Portuguese salt marsh wild beet ecotype. Theoretical and Experimental Plant Physiology, 2018, 30, 113-127.	2.4	14
10	Identification of chickpea seed proteins resistant to simulated in vitro human digestion. Journal of Proteomics, 2017, 169, 143-152.	2.4	23
11	Protein Dynamics in the Plant Extracellular Space. Proteomes, 2016, 4, 22.	3.5	33
12	Genetic Diversity and Physiological Performance of Portuguese Wild Beet (Beta vulgaris spp. maritima) from Three Contrasting Habitats. Frontiers in Plant Science, 2016, 7, 1293.	3.6	29
13	Grape Ripening Is Regulated by Deficit Irrigation/Elevated Temperatures According to Cluster Position in the Canopy. Frontiers in Plant Science, 2016, 7, 1640.	3.6	57
14	Grapevine RD22a constitutive expression in tobacco enhances stomatal adjustment and confers drought tolerance. Theoretical and Experimental Plant Physiology, 2016, 28, 395-413.	2.4	4
15	Controlling stomatal aperture in semi-arid regionsâ€"The dilemma of saving water or being cool?. Plant Science, 2016, 251, 54-64.	3.6	149
16	Overexpressing Vitis vinifera YSK2 dehydrin in tobacco improves plant performance. Agricultural Water Management, 2016, 164, 176-189.	5.6	6
17	The quest for tolerant varieties: the importance of integrating â€œomicsâ€•techniques to phenotyping. Frontiers in Plant Science, 2015, 6, 448.	3.6	67
18	Proteomic analysis of apoplastic fluid of Coffea arabica leaves highlights novel biomarkers for resistance against Hemileia vastatrix. Frontiers in Plant Science, 2015, 6, 478.	3.6	46

#	Article	IF	Citations
19	Proteomics: State of the art to study Mediterranean woody species under stress. Environmental and Experimental Botany, 2014, 103, 117-127.	4.2	24
20	Comparison of good- and bad-quality cork: application of high-throughput sequencing of phellogenic tissue. Journal of Experimental Botany, 2014, 65, 4887-4905.	4.8	42
21	Maize IgE binding proteins: each plant a different profile?. Proteome Science, 2014, 12, 17.	1.7	11
22	Effect of greenhouse conditions on the leaf apoplastic proteome of Coffea arabica plants. Journal of Proteomics, 2014, 104, 128-139.	2.4	26
23	Two Traditional Maize Inbred Lines of Contrasting Technological Abilities Are Discriminated by the Seed Flour Proteome. Journal of Proteome Research, 2013, 12, 3152-3165.	3.7	22
24	Impact of irrigation regime on berry development and flavonoids composition in Aragonez (Syn.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5	5.6	117
25	Metabolic analysis revealed altered amino acid profiles in Lupinus albus organs as a result of boron deficiency. Physiologia Plantarum, 2011, 142, 224-232.	5.2	26
26	Photosynthesis and drought: can we make metabolic connections from available data?. Journal of Experimental Botany, 2011, 62, 869-882.	4.8	789
27	Proteins associated with cork formation in Quercus suber L. stem tissues. Journal of Proteomics, 2011, 74, 1266-1278.	2.4	35
28	The analysis of Lupinus albus root proteome revealed cytoskeleton altered features due to long-term boron deficiency. Journal of Proteomics, 2011, 74, 1351-1363.	2.4	28
29	Initial water deficit effects on Lupinus albus photosynthetic performance, carbon metabolism, and hormonal balance: metabolic reorganization prior to early stress responses. Journal of Experimental Botany, 2011, 62, 4965-4974.	4.8	33
30	Germination under aseptic conditions of different ecotypes of wild beet (Beta vulgaris L. ssp) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302	1.4	3
31	Diversity of seed mineral composition of Phaseolus vulgaris L. germplasm. Journal of Food Composition and Analysis, 2010, 23, 319-325.	3.9	66
32	Proteomic evaluation of woundâ€healing processes in potato (Solanum tuberosum L.) tuber tissue. Proteomics, 2009, 9, 4154-4175.	2.2	39
33	Photosynthesis under drought and salt stress: regulation mechanisms from whole plant to cell. Annals of Botany, 2009, 103, 551-560.	2.9	2,950
34	Taking Advantage of Nonspecific Trypsin Cleavages for the Identification of Seed Storage Proteins in Cereals. Journal of Proteome Research, 2009, 8, 3182-3190.	3.7	16
35	Analysis of carbohydrates in Lupinus albus stems on imposition of water deficit, using porous graphitic carbon liquid chromatography-electrospray ionization mass spectrometry. Journal of Chromatography A, 2008, 1187, 111-118.	3.7	58
36	Erratum to â€œAnalysis of carbohydrates in Lupinus albus stems on imposition of water deficit, using porous graphitic carbon liquid chromatographyâ€“electrospray ionization mass spectrometryâ€•[J. Chromatogr. A 1187 (2008) 111â€“118]. Journal of Chromatography A, 2008, 1201, 132.	3.7	3

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37	Dehydrins in Lupinus albus: pattern of protein accumulation in response to drought. Functional Plant Biology, 2008, 35, 85.	2.1	11
38	Effect of water stress on lupin stem protein analysed by two-dimensional gel electrophoresis. Planta, 2005, 221, 716-728.	3.2	46
39	Sugar metabolism in developing lupin seeds is affected by a short-term water deficit. Journal of Experimental Botany, 2005, 56, 2705-2712.	4.8	38
40	Cultivar discrimination of Portuguese Lupinus albus by seed protein electrophoresis: the importance of considering â€œglutelinsâ€•and glycoproteins. Field Crops Research, 2004, 87, 23-34.	5.1	17
41	Effect of drought and rewatering on the metabolism of Lupinus albus organs. Journal of Plant Physiology, 2004, 161, 1203-1210.	3.5	96
42	A Biochemical and Molecular Characterization of LEP1, an Extensin Peroxidase from Lupin. Journal of Biological Chemistry, 2003, 278, 41389-41399.	3.4	50
43	How Plants Cope with Water Stress in the Field? Photosynthesis and Growth. Annals of Botany, 2002, 89, 907-916.	2.9	1,523
44	Alterations in carbon and nitrogen metabolism induced by water deficit in the stems and leaves of Lupinus albus L.. Journal of Experimental Botany, 2001, 52, 1063-1070.	4.8	136
45	The Lupinus albus class-III chitinase gene, IF3 , is constitutively expressed in vegetative organs and developing seeds. Planta, 2000, 210, 543-550.	3.2	52