Pinheiro de Carvalho

List of Publications by Year
in descending order

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Version: 2024-02-01

33 papers	546 citations	687220 13 h-index	677027 22 g-index
33 all docs	33 docs citations	33 times ranked	775 citing authors

#	Article	IF	Citations
1	Citrate and isocitrate in plant metabolism. Biochimica Et Biophysica Acta - Bioenergetics, 1998, 1364, 307-325.	0.5	78
2	Cereal landraces genetic resources in worldwide GeneBanks. A review. Agronomy for Sustainable Development, 2013, 33, 177-203.	2.2	58
3	Enhancing Legume Ecosystem Services through an Understanding of Plantâ€“Pollinator Interplay. Frontiers in Plant Science, 2016, 7, 333.	1.7	38
4	Review of Sewage Sludge as a Soil Amendment in Relation to Current International Guidelines: A Heavy Metal Perspective. Sustainability, 2021, 13, 2317.	1.6	35
5	Expression of Glutathione Peroxidase and Glutathione Reductase and Level of Free Radical Processes under Toxic Hepatitis in Rats. Journal of Toxicology, 2013, 2013, 1-9.	1.4	32
6	Screening for Drought Tolerance in Thirty Three Taro Cultivars. Notulae Botanicae Horti Agrobotanici Cluj-Napoca, 2017, 46, 65-74.	0.5	21
7	Nutraceutical potential of Asparagopsis taxiformis (Delile) Trevisan extracts and assessment of a downstream purification strategy. Heliyon, 2018, 4, e00957.	1.4	21
8	Helminth Component Community of the Loggerhead Sea Turtle,Caretta caretta,From Madeira Archipelago, Portugal. Journal of Parasitology, 2009, 95, 249-252.	0.3	20
9	Stable isotope natural abundances (Î´13C and Î´15N) and carbon-water relations as drought stress mechanism response of taro (Colocasia esculenta L. Schott). Journal of Plant Physiology, 2019, 232, 100-106.	1.6	19
10	Pharmacological and Cosmeceutical Potential of Seaweed Beach-Casts of Macaronesia. Applied Sciences (Switzerland), 2020, 10, 5831.	1.3	19
11	Evaluation of the maize (Zea mays L.) diversity on the Archipelago of Madeira. Genetic Resources and Crop Evolution, 2008, 55, 221-233.	0.8	16
12	Morphological evaluation of common bean diversity on the Island of Madeira. Genetic Resources and Crop Evolution, 2011, 58, 861-874.	0.8	16
13	Identification of Aluminum Resistant Genotypes Among Madeiran Regional Wheats. Communications in Soil Science and Plant Analysis, 2003, 34, 2967-2979.	0.6	14
14	Variation of carbon and isotope natural abundances (Î´15N and Î´13C) of whole-plant sweet potato (Ipomoea batatas L.) subjected to prolonged water stress. Journal of Plant Physiology, 2019, 243, 153052.	1.6	14
15	Biochemical study of attached macroalgae from the Madeira Archipelago and beach-cast macroalgae from the Canary Islands: multivariate analysis to determine bioresource potential. Botanica Marina, 2020, 63, 283-298.	0.6	14
16	Screening of Elite and Local Taro (Colocasia Esculenta) Cultivars for Drought Tolerance. Procedia Environmental Sciences, 2015, 29, 41-42.	1.3	13
17	Morphological characterization of wheat genetic resources from the Island of Madeira, Portugal. Genetic Resources and Crop Evolution, 2009, 56, 363-375.	0.8	12
18	Adapting Agriculture to Climate Change: A Synopsis of Coordinated National Crop Wild Relative Seed Collecting Programs across Five Continents. Plants, 2022, 11, 1840.	1.6	12

#	Article	IF	Citations
19	Helminth Parasites From the Stomach of Conger Eel, Conger conger, From Madeira Island, Atlantic Ocean. Journal of Parasitology, 2009, 95, 1013-1015.	0.3	11
20	Regulation of mitochondrial NADP-isocitrate dehydrogenase in rat heart during ischemia. Molecular and Cellular Biochemistry, 2007, 294, 97-105.	1.4	10
21	Quantitation of oxalates in corms and shoots of Colocasia esculenta (L.) Schott under drought conditions. Acta Physiologiae Plantarum, 2018, 40, 1.	1.0	10
22	Changes in oxalate composition and other nutritive traits in root tubers and shoots of sweet potato (Ipomoea batatas L. [Lam.]) under water stress. Journal of the Science of Food and Agriculture, 2020, 100, 1702-1710.	1.7	10
23	Factors contributing to the development of aluminum resistance in the Madeiran maize germplasm. Journal of Plant Nutrition and Soil Science, 2004, 167, 93-98.	1.1	9
24	Phenotypic flexibility and drought avoidance in taro (Colocasia esculenta (L.) Schott). Emirates Journal of Food and Agriculture, 0, , 150.	1.0	7
25	Genetic variability of high molecular weight glutenin subunits in bread wheat from continental Portugal, Madeira and Canary Islands. Genetic Resources and Crop Evolution, 2012, 59, 1377-1388.	0.8	6
26	NIRS Estimation of Drought Stress on Chemical Quality Constituents of Taro (Colocasia esculenta L.) and Sweet Potato (Ipomoea batatas L.) Flours. Applied Sciences (Switzerland), 2020, 10, 8724.	1.3	6
27	Abscisic acid phytohormone estimation in tubers and shoots of <scp>Ipomoea batatas</scp> subjected to long drought stress using competitive immunological assay. Physiologia Plantarum, 2021, 172, 419-430.	2.6	6
28	Lipid characterization of 14 macroalgal species from Madeira Archipelago: implications for animal and human nutrition. Botanica Marina, 2022, 65, 51-67.	0.6	6
29	GC-MS analysis of steroids and triterpenoids occurring in leaves and tubers of Tamus edulis Lowe. Phytochemistry Letters, 2019, 30, 231-234.	0.6	5
30	Oncophora melanocephala (Nematoda, Camallanidae) from the chub mackerel, Scomber japonicus (Teleostei, Scombridae), caught off Madeira Island (Portugal). Acta Parasitologica, 2009, 54, .	0.4	4
31	Drought Avoidance and Phenotypic Flexibility of Sweet Potato (Ipomoea batatas (L.) Lam.) Under Water Scarcity Conditions. Notulae Botanicae Horti Agrobotanici Cluj-Napoca, 2019, 47, 1037-1046.	0.5	3
32	Involvement of abscisic acid and other stress indicators in taro (Colocasia esculenta (L.) Schott) response to drought conditions. Acta Physiologiae Plantarum, 2020, 42, 1.	1.0	1
33	Microchip Electrophoretic Analysis of Phaseolin Patterns and Its Comparison with Currently Used SDS-PAGE Techniques. Chromatographia, 2013, 76, 1163-1169.	0.7	0