Weverton P Rodrigues

List of Publications by Year
in descending order

79	911	643344 15	620720 26
papers	citations	h-index	g-index

79	79	79	876
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Carica papaya L. genotype with low leaf chlorophyll concentration copes successfully with soil water stress in the field. Scientia Horticulturae, 2022, 293, 110722.	1.7	10
2	Ultraviolet radiation underlies metabolic energy reprograming in Coffea arabica and Coffea canephora genotypes. Scientia Horticulturae, 2022, 295, 110881.	1.7	7
3	Tannery Sludge Applied in High Doses in Elephant Grass as an Alternative Fertilization. Communications in Soil Science and Plant Analysis, 2022, 53, 494-506.	0.6	1
4	Partial root-zone drying in field-grown papaya: Gas exchange, yield, and water use efficiency. Agricultural Water Management, 2021, 243, 106421.	2.4	9
5	Linking root and stem hydraulic traits to leaf physiological parameters in Coffea canephora clones with contrasting drought tolerance. Journal of Plant Physiology, 2021, 258-259, 153355.	1.6	4
6	Biomass and Leaf Acclimations to Ultraviolet Solar Radiation in Juvenile Plants of Coffea arabica and C. canephora. Plants, 2021, 10, 640.	1.6	15
7	Impact of soil water regimes and partial root-zone drying in field-grown papaya in semi-arid conditions. Scientific Reports, 2021, 11, 10638.	1.6	6
8	Water Use Efficiency in Popcorn (Zea mays L. var. everta): Which Physiological Traits Would Be Useful for Breeding?. Plants, 2021, 10, 1450.	1.6	8
9	Growth and physiological parameters in conilon coffee seedlings fertilized through foliar application of tannery sludge. Plant Physiology Reports, 2021, 26, 722-728.	0.7	1
10	Kaolin Film Increases Gas Exchange Parameters of Coffee Seedlings During Transference From Nursery to Full Sunlight. Frontiers in Plant Science, 2021, 12, 784482.	1.7	4
11	Inoculation with the endophytic bacterium Herbaspirillum seropedicae promotes growth, nutrient uptake and photosynthetic efficiency in rice. Planta, 2020, 252, 87.	1.6	20
12	Comparison of Selection Traits for Effective Popcorn (Zea mays L. var. Everta) Breeding Under Water Limiting Conditions. Frontiers in Plant Science, 2020, 11, 1289.	1.7	14
13	Screening of Popcorn Genotypes for Drought Tolerance Using Canonical Correlations. Agronomy, 2020, 10, 1519.	1.3	11
14	Transparent polyethylene covering film in tropical grapevines does not alter photosynthesis, plant growth, fruit quality or yield. Theoretical and Experimental Plant Physiology, 2020, 32, 255-270.	1.1	1
15	Microclimatic characterization of a conilon coffee plantation grown in an east-west orientation. Australian Journal of Crop Science, 2020, , 431-438.	0.1	0
16	Using a crop water stress index based on a sap flow method to estimate water status in conilon coffee plants. Agricultural Water Management, 2020, 241, 106343.	2.4	17
17	Resilient and Sensitive Key Points of the Photosynthetic Machinery of Coffea spp. to the Single and Superimposed Exposure to Severe Drought and Heat Stresses. Frontiers in Plant Science, 2020, 11, 1049.	1.7	31
18	Research Article Biometric traits as a tool for the identification and breeding of <i>Coffea</i> <i>canephora</i> genotypes. Genetics and Molecular Research, 2020, 19, .	0.3	21

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19	Managing the number of orthotropic stems in Coffea arabica as strategy for cultivation at low-altitude regions. Australian Journal of Crop Science, 2020, , 447-454.	0.1	2
20	Vegetative growth of 28 genotypes of Coffea canephora at 850 meters of altitude. Australian Journal of Crop Science, 2020, , 1616-1622.	0.1	1
21	Lipid profile adjustments may contribute to warming acclimation and to heat impact mitigation by elevated [CO2] in Coffea spp. Environmental and Experimental Botany, 2019, 167, 103856.	2.0	32
22	Light, photosynthetic capacity and growth of papaya (Carica papaya L.): a short review. Australian Journal of Crop Science, 2019, 13, 480-485.	0.1	3
23	Photosynthetic capacity, leaf respiration and growth in two papaya (Carica papaya) genotypes with different leaf chlorophyll concentrations. AoB PLANTS, 2019, 11, plz013.	1.2	9
24	Hypernodulating soybean mutant line nod4 lacking â€˜Autoregulation of Nodulationâ€™ (AON) has limited root-to-shoot water transport capacity. Annals of Botany, 2019, 124, 979-991.	1.4	6
25	Effects of grafting and gradual rootstock substitution on gas exchanges of orange seedlings under high atmospheric evaporative demand. Scientia Horticulturae, 2019, 247, 67-74.	1.7	1
26	Soil Class, Mechanical Impedance and Irrigation: Impact on Physiological Performance in Green Dwarf Coconut. Agricultural Research, 2019, 8, 92-101.	0.9	0
27	Efeito de reguladores de crescimento na maturaÃ§Ã£o dos frutos e qualidade da bebida de cafÃ©. Research, Society and Development, 2019, 8, e17861026.	0.0	3
28	MICROCLIMATIC CHARACTERIZATION OF CONILON COFFEE CULTIVATED IN NORTH-SOUTH ALIGNMENT IN NORTHEN ESPÃRITO SANTO STATE, BRAZIL. Coffee Science, 2019, 14, 427.	0.5	0
29	IMPACT OF DRYING METHODS OVER THE GERMINATIVE POTENTIAL OF CONILON COFFEE OF LATE MATURATION. Coffee Science, 2019, 14, 484.	0.5	2
30	Deficit irrigation and transparent plastic covers can save water and improve grapevine cultivation in the tropics. Agricultural Water Management, 2018, 202, 66-80.	2.4	18
31	Stomatal and photochemical limitations of photosynthesis in coffee (Coffea spp.) plants subjected to elevated temperatures. Crop and Pasture Science, 2018, 69, 317.	0.7	29
32	Coffee Responses to Drought, Warming and High [CO2] in a Context of Future Climate Change Scenarios. Climate Change Management, 2018, , 465-477.	0.6	9
33	Effect of different sources of organic matter added to the substrate on physiological parameters of clonal plants of conilon coffee. Australian Journal of Crop Science, 2018, 12, 1328-1334.	0.1	3
34	Morpho-agronomic characterization of genotypes of Conilon coffee intercropped with dwarf coconut palms. Australian Journal of Crop Science, 2018, 12, 1479-1485.	0.1	1
35	Aluminum toxicity effect on the initial growth of yacon plantlets. Revista Ceres, 2018, 65, 120-126.	0.1	4
36	Agronomic performance and genetic divergence between genotypes of Manihot esculenta. Anais Da Academia Brasileira De Ciencias, 2018, 90, 3639-3648.	0.3	2

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37	Rational management of water availability along the phenological stages of Crambe abyssinica Hochst.. Australian Journal of Crop Science, 2018, 12, 350-356.	0.1	6
38	Environmental Factors Controlling Carbon Assimilation, Growth, and Yield of Papaya (Carica papaya) Tj ETQq0 0 0 rgBT /Overlock 10 Tf		6
39	Leaf photosynthetic responses of passion fruit genotypes to varying sunlight exposure within the canopies. Theoretical and Experimental Plant Physiology, 2018, 30, 103-112.	1.1	5
40	Effect of Growth Regulators in Production and Rooting of <i>Coffea arabica</i> L. Minicuttings. American Journal of Plant Sciences, 2018, 09, 628-636.	0.3	1
41	Substrate Stabilization Using Humus with Tannery Sludge in Conilon Coffee Seedlings. Journal of Experimental Agriculture International, 2018, 21, 1-10.	0.3	6
42	Genetic diversity as tool to identify standard leaf nutrients in cassava genotypes. Genetics and Molecular Research, 2018, 17, .	0.3	0
43	Research Article Variability and nutritional balance among genotypes of Coffea canephora (Rubiaceae) in drought versus adequate water supply. Genetics and Molecular Research, 2018, 17, .	0.3	1
44	Arquitetura da copa do cafeeiro arÃ¡bica conduzido com diferentes nÃºmeros de ramos ortotrÃ³picos. Revista Ceres, 2018, 65, 415-423.	0.1	5
45	Leaf gas exchange and growth of two papaya (Carica papaya L.) genotypes are affected by elevated electrical conductivity of the nutrient solution. Scientia Horticulturae, 2017, 218, 230-239.	1.7	5
46	Photosynthetic acclimation to elevated CO2 combined with partial rootzone drying results in improved water use efficiency, drought tolerance and leaf carbon balance of grapevines (Vitis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 377	2.0	30
47	Selection and Validation of Reference Genes for Accurate RT-qPCR Data Normalization in Coffea spp. under a Climate Changes Context of Interacting Elevated [CO2] and Temperature. Frontiers in Plant Science, 2017, 8, 307.	1.7	41
48	Genetic variability and expression of agro-morphological traits among genotypes of Coffea arabica being promoted by supplementary irrigation. Genetics and Molecular Research, 2017, 16, .	0.3	6
49	Research Article Genetic Variability for Sprout Growth among Genotypes of Coffea canephora Led by Bending of Orthotropic Stems. Genetics and Molecular Research, 2017, 16, .	0.3	4
50	Biometry and diversity of Arabica coffee genotypes cultivated in a high density plant system. Genetics and Molecular Research, 2016, 15, .	0.3	8
51	Physiological aspects, growth and yield of Coffea spp. in areas of high altitude. Australian Journal of Crop Science, 2016, 10, 666-674.	0.1	11
52	Genetic diversity of standard leaf nutrients in Coffea canephora genotypes during phenological phases. Genetics and Molecular Research, 2016, 15, .	0.3	16
53	Assessment of genetic divergence among coffee genotypes by Ward-MLM procedure in association with mixed models. Genetics and Molecular Research, 2016, 15, .	0.3	10
54	Photosynthetic capacity of 'Niagara Rosada' grapes grown under transparent plastic covering. Ciencia Rural, 2016, 46, 950-956.	0.3	6

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55	Microclimate and development of Coffea canephora cv. Conilon under different shading levels promoted by Australian cedar (Toona ciliata M. Roem. var. Australis). Australian Journal of Crop Science, 2016, 10, 528-538.	0.1	26
56	Protective Response Mechanisms to Heat Stress in Interaction with High [CO2] Conditions in Coffea spp.. Frontiers in Plant Science, 2016, 7, 947.	1.7	103
57	Physiological aspects of corn plants related to mesotrione herbicide selectivity. Australian Journal of Crop Science, 2016, 10, 1158-1163.	0.1	2
58	Comparison between single-leaf and whole-canopy gas exchange measurements in papaya (Carica) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.7	14
59	Longâ€term elevated air [<scp>CO</scp>₂] strengthens photosynthetic functioning and mitigates the impact of supraâ€optimal temperatures in tropical Coffea arabica and C.Âcanephora species. Global Change Biology, 2016, 22, 415-431.	4.2	151
60	Whole-canopy gas exchanges in Coffea sp. is affected by supra-optimal temperature and light distribution within the canopy: The insights from an improved multi-chamber system. Scientia Horticulturae, 2016, 211, 194-202.	1.7	19
61	Characterization of the Essential Oil of Mastic Tree from Different Biomes and its Phytotoxic Potential on Cobblerâ€™s Pegs. Journal of Essential Oil-bearing Plants: JEOP, 2016, 19, 972-979.	0.7	9
62	Mixed models identify physic nut genotypes adapted to environments with different phosphorus availability. Genetics and Molecular Research, 2016, 15, .	0.3	1
63	Nutrient accumulation in bean and fruit from irrigated and non-irrigated Coffea canephora cv. Conilon. Emirates Journal of Food and Agriculture, 2016, 28, 402.	1.0	18
64	Comparison between manual and semi-mechanical harvest of coffee fruit in mountainous areas. African Journal of Agricultural Research Vol Pp, 2015, 10, 2724-2730.	0.2	2
65	Evidence of genetic tolerance to low availability of phosphorus in the soil among genotypes of Coffea canephora. Genetics and Molecular Research, 2015, 14, 10576-10587.	0.3	10
66	Aluminum stress in Crambe abyssinica Hochst. Idesia, 2015, 33, 31-39.	0.1	1
67	Relationships between sap-flow measurements, whole-canopy transpiration and reference evapotranspiration in field-grown papaya (Carica papaya L.). Theoretical and Experimental Plant Physiology, 2015, 27, 251-262.	1.1	7
68	A bitter cup: the estimation of spatial distribution of carbon balance in Coffea spp. plantations reveals increased carbon footprint in tropical regions. Plant, Soil and Environment, 2015, 61, 544-552.	1.0	7
69	Diversity among genotypes of conilon coffee selected in EspÃrito Santo state. Bioscience Journal, 2015, 31, 1643-1650.	0.4	3
70	Adaptability and stability of conilon coffee in areas of high altitude. Genetics and Molecular Research, 2014, 13, 7879-7888.	0.3	9
71	Effect of Osmotic Stress on the Initial Development of Bean Seedlings. American Journal of Plant Sciences, 2014, 05, 1973-1982.	0.3	1
72	Agronomic performance of arabica coffee genotypes in northwest Rio de Janeiro State. Genetics and Molecular Research, 2014, 13, 5664-5673.	0.3	11

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73	Maximum quantum yield of photosystem II to assist in the measurement of herbicide selectivity in popcorn. Plant Science Today, 2014, 1, 80-85.	0.4	0
74	Adaptability and genotypic stability of Coffea arabica genotypes based on REML/BLUP analysis in Rio de Janeiro State, Brazil. Genetics and Molecular Research, 2013, 12, 2391-2399.	0.3	16
75	Selection of genotypes of Jatropha curcas L. for aluminium tolerance using the solution-paper method. Idesia, 2013, 31, 81-86.	0.1	4
76	Influence of pre-germination treatments and temperature on the germination of crambe seeds (Crambe) Tj ETQq0 0 0 rgBT /Overlock 10	0.1	10
77	Growth and yield of Coffea arabica L. in Northwest Fluminense: 2nd harvest. Revista Ceres, 2012, 59, 809-815.	0.1	4
78	Mitigation of the Negative Impact of Warming on the Coffee Crop: The Role of Increased Air [CO2] and Management Strategies. , 0, , .		9
79	Influence of tannery wastewater sludge doses on biometric and chlorophyll fluorescence parameters in conilon coffee. Bioscience Journal, 0, , 556-564.	0.4	2