Marcelo De A Silva

List of Publications by Year
in descending order

86 papers	1,540 citations	304743 22 h-index	377865 34 g-index
87 all docs	87 docs citations	87 times ranked	1392 citing authors

#	Article	IF	Citations
1	Use of physiological parameters as fast tools to screen for drought tolerance in sugarcane. Brazilian Journal of Plant Physiology, 2007, 19, 193-201.	0.5	217
2	Yield components as indicators of drought tolerance of sugarcane. Scientia Agricola, 2008, 65, 620-627.	1.2	90
3	Photosynthetic capacity and water use efficiency in sugarcane genotypes subject to water deficit during early growth phase. Brazilian Archives of Biology and Technology, 2013, 56, 735-748.	0.5	86
4	Silicon Fertilization Improves Physiological Responses in Sugarcane Cultivars Grown Under Water Deficit. Journal of Soil Science and Plant Nutrition, 2019, 19, 81-91.	3.4	65
5	Genetic variability for girth growth and rubber yield in Hevea brasiliensis. Scientia Agricola, 2006, 63, 246-254.	1.2	42
6	Increased soybean tolerance to water deficiency through biostimulant based on fulvic acids and Ascophyllum nodosum (L.) seaweed extract. Plant Physiology and Biochemistry, 2021, 158, 228-243.	5.8	39
7	Potencial produtivo da cana-de-aÃ§Ãºcar sob irrigaÃ§Ã£o por gotejamento em funÃ§Ã£o de variedades e ciclos. Revista Brasileira De Engenharia Agricola E Ambiental, 2014, 18, 241-249.	1.1	38
8	Relationships between physiological traits and productivity of sugarcane in response to water deficit. Journal of Agricultural Science, 2014, 152, 104-118.	1.3	38
9	Produtividade de trÃªs cultivares de cana-de-aÃ§Ãºcar sob manejos de sequeiro e irrigado por gotejamento. Revista Brasileira De Engenharia Agricola E Ambiental, 2011, 15, 250-255.	1.1	37
10	Fertilizer improves seed and oil yield of safflower under tropical conditions. Industrial Crops and Products, 2016, 94, 589-595.	5.2	34
11	Hormetic effect of glyphosate persists during the entire growth period and increases sugarcane yield. Pest Management Science, 2020, 76, 2388-2394.	3.4	34
12	Qualidade tecnolÃ³gica da cana-de-aÃ§Ãºcar sob adubaÃ§Ã£o com torta de filtro enriquecida com fosfato solÃºvel. Revista Brasileira De Engenharia Agricola E Ambiental, 2011, 15, 443-449.	1.1	33
13	Oxisol subsurface chemical attributes related to sugarcane productivity. Scientia Agricola, 2003, 60, 741-745.	1.2	31
14	Use of Physiological Parameters in Screening Drought Tolerance in Sugarcane Genotypes. Sugar Tech, 2011, 13, 191-197.	1.8	30
15	Physiological and biochemical impacts of silicon against water deficit in sugarcane. Acta Physiologiae Plantarum, 2019, 41, 1.	2.1	30
16	Agronomic performance of sugarcane families in response to water stress. Bragantia, 2008, 67, 655-661.	1.3	29
17	Technological quality and yield of sugarcane grown under nitrogen doses via subsurface drip fertigation. Revista Brasileira De Engenharia Agricola E Ambiental, 2016, 20, 209-214.	1.1	28
18	Efeito hormÃ³tico de gliphosate no desenvolvimento inicial de cana-de-aÃ§Ãºcar. Bragantia, 2009, 68, 973-978.	1.3	27

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19	Physiological Changes Associated with Antioxidant Enzymes in Response to Sugarcane Tolerance to Water Deficit and Rehydration. Sugar Tech, 2015, 17, 291-304.	1.8	27
20	Physiological and biochemical responses of sugarcane to oxidative stress induced by water deficit and paraquat. Acta Physiologiae Plantarum, 2015, 37, 1.	2.1	24
21	Crescimento e produtividade de cana-de-aÃ§Ãºcar em funÃ§Ã£o da disponibilidade hÃdrica dos Tabuleiros Costeiros de Alagoas. Bragantia, 2013, 72, 262-270.	1.3	24
22	Resposta de genÃ³tipos de cana-de-aÃ§Ãºcar Ã aplicaÃ§Ã£o de indutores de maturaÃ§Ã£o. Bragantia, 2008, 67, 15-23.	1.3	24
23	BalanÃ§o do nitrogÃªnio da urÃ©ia (15N) no sistema solo-planta na implantaÃ§Ã£o da semeadura direta na cultura do milho. Bragantia, 2006, 65, 477-486.	1.3	23
24	Productivity and production components of safflower genotypes affected by irrigation at phenological stages. Agricultural Water Management, 2017, 186, 66-74.	5.6	22
25	Uso de reguladores de crescimento como potencializadores do perfilhamento e da produtividade em cana-soca. Bragantia, 2007, 66, 545-552.	1.3	21
26	Physiological response and productivity of safflower lines under water deficit and rehydration. Anais Da Academia Brasileira De Ciencias, 2017, 89, 3051-3066.	0.8	21
27	Perfilhamento e produtividade de cana-de-aÃ§Ãºcar com diferentes alturas de corte e Ã©pocas de colheita. Pesquisa Agropecuaria Brasileira, 2008, 43, 979-986.	0.9	21
28	Produtividade e qualidade tecnolÃ³gica da soqueira de cana-de-aÃ§Ãºcar submetida Ã aplicaÃ§Ã£o de biorregulador e fertilizantes lÃquidos. Ciencia Rural, 2010, 40, 774-780.	0.5	17
29	Biochemical and physiological responses of sugarcane cultivars to soil water deficiencies. Scientia Agricola, 2011, 68, 469-476.	1.2	17
30	Glyphosate hormesis mitigates the effect of water deficit in safflower (<scp><i>Carthamus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 T	3.4	16
31	InteraÃ§Ã£o genÃ³tipo x ambiente e estabilidade fenotÃpica de cana-de-aÃ§Ãºcar em ciclo de cana de ano. Bragantia, 2008, 67, 109-117.	1.3	14
32	Prediction of Hevea progeny performance in the presence of genotype-environment interaction. Brazilian Archives of Biology and Technology, 2009, 52, 25-33.	0.5	14
33	Glyphosate hormesis attenuates water deficit stress in safflower (Carthamus tinctorius L.) by modulating physiological and biochemical mediators. Science of the Total Environment, 2022, 810, 152204.	8.0	14
34	Maximization of genetic gain in rubber tree (Hevea) breeding with effective size restriction. Genetics and Molecular Biology, 2000, 23, 457-462.	1.3	13
35	Performance of new Hevea clones from IAC 400 series. Scientia Agricola, 2007, 64, 241-248.	1.2	12
36	Inbreeding in sugarcane varieties. Ciencia Rural, 2011, 41, 580-586.	0.5	12

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37	Leaf area estimation of cassava from linear dimensions. Anais Da Academia Brasileira De Ciencias, 2017, 89, 1729-1736.	0.8	12
38	Water relations of cassava cultivated under water-deficit levels. Acta Physiologiae Plantarum, 2018, 40, 1.	2.1	12
39	Safflower (Carthamus tinctorius L.) yield as affected by nitrogen fertilization and different water regimes. Acta Agronomica, 2018, 67, 264-269.	0.1	12
40	Can low doses of glyphosate stimulate common bean growth?. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2021, 56, 150-162.	1.5	12
41	Glyphosate applied at a hormetic dose improves ripening without impairing sugarcane productivity and ratoon sprouting. Science of the Total Environment, 2022, 806, 150503.	8.0	12
42	Tipos de colheita e Ã©pocas de aplicaÃ§Ã£o de glifosato na erradicaÃ§Ã£o de soqueiras de cana-de-aÃ§Ãºcar. Pesquisa Agropecuaria Brasileira, 2006, 41, 43-49.	0.9	11
43	ParÃ¢metros biomÃ©tricos e produtividade da cana-de-aÃ§Ãºcar apÃ³s tombamento dos colmos. Bragantia, 2008, 67, 845-853.	1.3	11
44	Reguladores vegetais e qualidade tecnolÃ³gica da cana-de-aÃ§Ãºcar em meio de safra. Ciencia E Agrotecnologia, 2008, 32, 1843-1850.	1.5	11
45	Desenvolvimento e produtividade da cana-de-aÃ§Ãºcar apÃ³s aplicaÃ§Ã£o de reguladores vegetais em meio de safra. Semina:Ciencias Agrarias, 2011, 32, 129.	0.3	10
46	<b>The effect of filter cakes enriched with soluble phosphorus used as a fertilizer on the sugarcane ratoons. Acta Scientiarum - Agronomy, 2014, 36, 365.	0.6	10
47	Soilâ€"Plant Relationships in Soybean Cultivated under Conventional Tillage and Long-Term No-Tillage. Agronomy, 2022, 12, 697.	3.0	10
48	AvaliaÃ§Ã£o final de clones IAC de cana-de-aÃ§Ãºcar da sÃ©rie 1982, em latossolo roxo da regiÃ£o de RibeirÃ£o Preto. Bragantia, 1999, 58, 269-280.	1.3	9
49	Qualidade de mangas 'Tommy Atkins' armazenadas sob atmosfera modificada. Ciencia E Agrotecnologia, 2007, 31, 1122-1130.	1.5	8
50	Qualidade tecnolÃ³gica, produtividade e margem de contribuiÃ§Ã£o agrÃcola da cana-de-aÃ§Ãºcar em funÃ§Ã£o da aplicaÃ§Ã£o de reguladores vegetais no inÃcio da safra. Ciencia Rural, 2009, 39, 726-732.	0.5	8
51	Reguladores vegetais e atividade de invertases em cana-de-aÃ§Ãºcar em meio de safra. Ciencia Rural, 2009, 39, 718-725.	0.5	8
52	Qualidade tecnolÃ³gica da cana-de-aÃ§Ãºcar em funÃ§Ã£o da aplicaÃ§Ã£o de maturadores em meio de safra. Bragantia, 2009, 68, 527-534.	1.3	8
53	Response of Application of Growth Inhibitors on Sugarcane Productivity and Sucrose Accumulation in the Middle of Cropping Season in Brazil. Sugar Tech, 2017, 19, 155-164.	1.8	8
54	Silicon fertilization increases gas-exchange and biomass by silicophytolith deposition in the leaves of contrasting drought-tolerant sugarcane cultivars under well-watered conditions. Plant and Soil, 2021, 466, 581-595.	3.7	8

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55	Low doses of glyphosate can affect the nutrient composition of common beans depending on the sowing season. Science of the Total Environment, 2021, 794, 148733.	8.0	8
56	Water stress effects on chlorophyll fluorescence and chlorophyll content in sugarcane cultivars with contrasting tolerance. Bioscience Journal, 0, , 75-87.	0.4	8
57	Base Cut Quality and Productivity of Mechanically Harvested Sugarcane. Sugar Tech, 2020, 22, 284-290.	1.8	7
58	Plant regulators and invertase activity in sugarcane at the beginning of the harvest season. Ciencia Rural, 2015, 45, 1788-1794.	0.5	6
59	Interaction between diazotrophic bacteria and N-fertilizer doses on sugarcane crop. Journal of Plant Nutrition, 2018, 41, 722-736.	1.9	6
60	Energy conversion efficiency in sugarcane cultivars as a function of production environments in Brazil. Renewable and Sustainable Energy Reviews, 2021, 150, 111500.	16.4	6
61	Maturadores e qualidade tecnolÃ³gica da cana-de-aÃ§Ãºcar variedade RB855453 em inÃcio de safra. Bragantia, 2009, 68, 781-787.	1.3	5
62	Ripening and the Use of Ripeners for Better Sugarcane Management. , 0, , .		5
63	Nitrogen doses on physiological attributes and yield of sugarcane grown under subsurface drip fertigation. Journal of Plant Nutrition, 2017, 40, 227-238.	1.9	5
64	Morpho-physiological and nutritional responses of safflower as a function of potassium doses. Journal of Plant Nutrition, 2021, 44, 1903-1915.	1.9	4
65	IRRIGATED SAFFLOWER IN PHENOLOGICAL STAGES OF BRAZILIAN SOUTHEAST DRY SEASON. Irriga, 2018, 23, 493-504.	0.1	4
66	Addition of proteic nitrogen during alcoholic fermentation for the production of cachaÃ§a. Scientia Agricola, 2008, 65, 161-168.	1.2	4
67	Qualidade tecnolÃ³gica em diferentes porÃ§Ãµes do colmo e produtividade da cana-de-aÃ§Ãºcar sob efeito de maturadores. Bragantia, 2010, 69, 861-870.	1.3	4
68	Glyphosate at low doses changes the physiology and increases the productivity of common bean as affected by sowing seasons. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2022, 57, 458-469.	1.5	4
69	Atividade das enzimas invertases e acÃºmulo de sacarose em cana-de-aÃ§Ãºcar sob efeito do nitrato de potÃ¡ssio, etefon e etil-trinexapac. Ciencia E Agrotecnologia, 2011, 35, 649-656.	1.5	3
70	Bambusa vulgaris leaf area estimation on short-rotation coppice. Scientia Forestalis/Forest Sciences, 2021, 49, .	0.2	3
71	Morphology, biochemistry, and yield of cassava as functions of growth stage and water regime. South African Journal of Botany, 2022, 149, 222-239.	2.5	3
72	Enhanced Tolerance to Cold in Common Bean Treated with Biostimulant. Gesunde Pflanzen, 2021, 73, 39-50.	3.0	2

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73	Nutritional status, yield components, and yield of cassava as influenced by phenological stages and water regimes. Journal of Plant Nutrition, 2021, 44, 2912-2927.	1.9	2
74	Estimates of annual genetic parameters and expected gains in the second cycle of Hevea genotype selection. Crop Breeding and Applied Biotechnology, 2005, 5, 55-63.	0.4	2
75	Melhoramento da cana-de-aÃ§Ãºcar: X. Ensaio de clones provenientes de hibridaÃ§Ãµes realizadas em 1981 e selecionados na regiÃ£o de JaÃº (SP). Bragantia, 1995, 54, 297-304.	1.3	1
76	Target Spot Control and Modulation of the Physiology in Cucumber Using Phosphites and Chitosan. Gesunde Pflanzen, 0, , 1.	3.0	1
77	Melhoramento da cana-de-aÃ§Ãºcar: XI. Ensaios de clones provenientes de hibridaÃ§Ãµes realizadas em 1982 e selecionados na regiÃ£o de JaÃº (SP). Bragantia, 1996, 55, 245-252.	1.3	1
78	ComparaÃ§Ã£o de ambientes na germinaÃ§Ã£o de cariopses de cana-de-aÃ§Ãºcar. Ciencia E Agrotecnologia, 2010, 34, 1604-1609.	1.5	1
79	Sugarcane tolerance to ratoon eradication with glyphosate determined by physiological responses. Planta Daninha, 2014, 32, 207-214.	0.5	1
80	Melhoramento da cana-de-aÃ§Ãºcar: IX: evaluation of clones obtained in 1980 and 1981 hybridizations, selected in RibeirÃ£o Preto region, state of SÃ£o Paulo, Brazil. Bragantia, 1995, 54, 275-286.	1.3	0
81	AvaliaÃ§Ã£o de clones de hÃbridos IAC de cana-de-aÃ§Ãºcar, sÃ©rie 1985, na regiÃ£o de JaÃº (SP). Bragantia, 1999, 58, 335-340.	1.3	0
82	ISOLADO PROTÃ‰ICO DE SOJA COMO FONTE DE NITROGÃŠNIO NA FERMENTAÃ‡ÃƒO ALCOÃ“LICA. Boletim Centro De Pesquisa De Processamento De Alimentos, 2008, 26, .	0.2	0
83	Increasing population density reduces soybean yield components and productivity. Bioscience Journal, 0, 37, e37042.	0.4	0
84	ModificaÃ§Ãµes quÃmicas em solo solarizado, com e sem incorporaÃ§Ã£o de resÃduos orgÂ¢nicos. Semina:Ciencias Agrarias, 2009, 29, 15.	0.3	0
85	Melhoramento da cana-de-aÃ§Ãºcar: VII. Ensaios de clones provenientes de hibridaÃ§Ãµes realizadas em 1980 e selecionados na regiÃ£o de JaÃº (SP). Bragantia, 1995, 54, 95-102.	1.3	0
86	Photochemical, Anatomical, and Growth Changes in Cassava Cultivars after Application of Post-Emergent Herbicides. Agriculture (Switzerland), 2022, 12, 950.	3.1	0