Fernanda Vidigal Duarte Souza

List of Publications by Year
in descending order

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83 papers	1,031 citations	567281 15 h-index	526287 27 g-index
83 all docs	83 docs citations	83 times ranked	939 citing authors

#	Article	IF	Citations
1	Characterization and comparative evaluation of thermal, structural, chemical, mechanical and morphological properties of six pineapple leaf fiber varieties for use in composites. Industrial Crops and Products, 2013, 43, 529-537.	5.2	141
2	Comparative study of 12 pineapple leaf fiber varieties for use as mechanical reinforcement in polymer composites. Industrial Crops and Products, 2015, 64, 68-78.	5.2	88
3	Viability, storage and ultrastructure analysis of Aechmea bicolor (Bromeliaceae) pollen grains, an endemic species to the Atlantic forest. Euphytica, 2015, 204, 13-28.	1.2	56
4	Cryopreservation of pollen of wild pineapple accessions. Scientia Horticulturae, 2017, 219, 326-334.	3.6	38
5	Interspecific and intergeneric hybridization in Bromeliaceae and their relationships to breeding systems. Scientia Horticulturae, 2017, 223, 53-61.	3.6	37
6	Genetic variation of the Ananas genus with ornamental potential. Genetic Resources and Crop Evolution, 2012, 59, 1357-1376.	1.6	36
7	Droplet-vitrification and morphohistological studies of cryopreserved shoot tips of cultivated and wild pineapple genotypes. Plant Cell, Tissue and Organ Culture, 2016, 124, 351-360.	2.3	33
8	Viability and genetic stability of pineapple germplasm after 10Âyears of in vitro conservation. Plant Cell, Tissue and Organ Culture, 2016, 127, 123-133.	2.3	31
9	Curaua cellulose sheets dip coated with micro and nano carnauba wax emulsions. Cellulose, 2019, 26, 7983-7993.	4.9	28
10	Stigma structure and receptivity in Bromeliaceae. Scientia Horticulturae, 2016, 203, 118-125.	3.6	24
11	Comparison of two PVS2-based procedures for cryopreservation of commercial sugarcane (Saccharum spp.) germplasm and confirmation of genetic stability after cryopreservation using ISSR markers. In Vitro Cellular and Developmental Biology - Plant, 2017, 53, 410-417.	2.1	23
12	Micropropagation and in vitro conservation of Neoglaziovia variegata (Arr. Cam.) mez, a fiber producing bromeliad from Brazil. Brazilian Archives of Biology and Technology, 2009, 52, 923-932.	0.5	22
13	CaracterizaÃ§Ã£o fÃsico-quÃmica de novos hÃbridos de abacaxi resistentes Ã fusariose. Ciencia Rural, 2013, 43, 1155-1161.	0.5	21
14	Pollen morphology and viability in Bromeliaceae. Anais Da Academia Brasileira De Ciencias, 2017, 89, 3067-3082.	0.8	20
15	Advances in pineapple plant propagation. Revista Brasileira De Fruticultura, 2018, 40, .	0.5	18
16	Cryopreservation of citrus seed via dehydration followedby immersion in liquid nitrogen. Turkish Journal of Biology, 2017, 41, 242-248.	0.8	17
17	Selection and use recommendation in hybrids of ornamental pineapple. Revista Ciencia Agronomica, 2014, 45, 409-416.	0.3	16
18	Morphogenetic response of cotyledon and leaf explants of melon (Cucumis melo L.) cv. Amarillo Oro. Brazilian Archives of Biology and Technology, 2006, 49, 21-27.	0.5	15

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19	Viability, production and morphology of pollen grains for different species in the genus Manihot (Euphorbiaceae). Acta Botanica Brasilica, 2012, 26, 350-356.	0.8	14
20	Micropropagation of the ornamental vulnerable bromeliads Aechmea blanchetiana and Aechmea distichantha. Horticultura Brasileira, 2013, 31, 112-118.	0.5	13
21	Metabolic profile and cytotoxicity of non-polar extracts of pineapple leaves and chemometric analysis of different pineapple cultivars. Industrial Crops and Products, 2018, 124, 466-474.	5.2	13
22	Genetic diversity and ISSR marker association with the quality of pineapple fiber for use in industry. Industrial Crops and Products, 2017, 104, 263-268.	5.2	12
23	ConservaÃ§Ã£o in vitro de germoplasma de abacaxi tratado com paclobutrazol. Pesquisa Agropecuaria Brasileira, 2004, 39, 717-720.	0.9	12
24	Diversity of microorganisms associated to Ananas spp. from natural environment, cultivated and ex situ conservation areas. Scientia Horticulturae, 2019, 243, 544-551.	3.6	11
25	Assessment of in vitro anthelmintic activity and bio-guided chemical analysis of BRS BoyrÃ¡ pineapple leaf extracts. Veterinary Parasitology, 2020, 285, 109219.	1.8	11
26	PINEAPPLE GENETIC IMPROVEMENT IN BRAZIL. Acta Horticulturae, 2009, , 39-46.	0.2	10
27	Genetic variation of Citrus and related genera with ornamental potential. Euphytica, 2015, 205, 503-520.	1.2	10
28	Pollen morphology and viability of Tillandsia (Bromeliaceae) species by light microscopy and scanning electron microscopy. Microscopy Research and Technique, 2021, 84, 441-459.	2.2	10
29	Resposta germinativa de sementes de caroÃ¡ [Neoglaziovia variegata (Arruda) Mez]. Ciencia E Agrotecnologia, 2011, 35, 948-955.	1.5	10
30	Morfologia e viabilidade de grÃ£os de pÃ³len de acessos silvestres de abacaxi. Ciencia Rural, 2011, 41, 1744-1749.	0.5	9
31	Gigante de TarauacÃ¡: A triploid pineapple from Brazilian Amazonia. Scientia Horticulturae, 2015, 181, 1-3.	3.6	9
32	Cryopreservation of Hamilin sweet orange [(Citrus sinensis (L.) Osbeck)] embryogenic calli using a modified aluminum cryo-plate technique. Scientia Horticulturae, 2017, 224, 302-305.	3.6	9
33	Floral and reproductive biology of Alcantarea nahoumii (Bromeliaceae), a vulnerable endemic species of the Atlantic Forest. Acta Botanica Brasilica, 2017, 31, 665-676.	0.8	9
34	SLOW-GROWTH CONDITIONS FOR THE IN VITRO CONSERVATION OF PINEAPPLE GERMPLASM. Acta Horticulturae, 2006, , 41-45.	0.2	8
35	Genetic variability of banana with ornamental potential. Euphytica, 2012, 184, 355-367.	1.2	8
36	Cryopreservation of Pollen Grains of Pineapple and Other Bromeliads. Methods in Molecular Biology, 2018, 1815, 279-288.	0.9	8

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37	Comparison of shoot tip culture and cryotherapy for eradication of ampeloviruses associated with Pineapple mealybug wilt in wild varieties. In Vitro Cellular and Developmental Biology - Plant, 2020, 56, 903-910.	2.1	8
38	Influence of dehydration on cryopreservation of Musa spp. germplasm. Acta Botanica Croatica, 2020, 79, 99-104.	0.7	8
39	Optimization of culture medium for the in vitro germination and histochemical analysis of Passiflora spp. pollen grains. Scientia Horticulturae, 2021, 288, 110298.	3.6	8
40	AvaliaÃ§Ã£o de espÃ©cies de Costaceae para uso ornamental. Revista Brasileira De Horticultura Ornamental, 2011, 17, 63.	0.1	8
41	Genetic fidelity and variability of micropropagated cassava plants (Manihot esculenta Crantz) evaluated using ISSR markers. Genetics and Molecular Research, 2015, 14, 7759-7770.	0.2	8
42	Variabilidade genÃ©tica de populaÃ§Ãµes naturais de caroÃ¡ por meio de marcadores RAPD. Pesquisa Agropecuaria Brasileira, 2009, 44, 283-290.	0.9	7
43	Aspectos morfofisiolÃ³gicos na prÃ©-aclimatizaÃ§Ã£o in vitro e aclimatizaÃ§Ã£o de plantas de caroÃ¡. Revista Ciencia Agronomica, 2013, 44, 544-553.	0.3	7
44	In vitro regeneration and morphogenesis of somatic embryos of cassava. Revista Ciencia Agronomica, 2014, 45, 558-565.	0.3	7
45	Evaluation of the micropropagation potential of curauÃ¡ pineapple hybrids for fiber production. Acta Amazonica, 2018, 48, 290-297.	0.7	7
46	<b>Clonal evaluation of new ornamental pineapple hybrids to use as cut flowers. Acta Scientiarum - Agronomy, 2016, 38, 475.	0.6	6
47	Stigma structure and receptivity in papaya (Carica papaya L.). Anais Da Academia Brasileira De Ciencias, 2021, 93, e20190605.	0.8	6
48	Public perception and acceptance of ornamental pineapple hybrids. Ornamental Horticulture, 2018, 24, 116-124.	1.0	6
49	Inter simple sequence repeat (ISSR) markers reveal DNA stability in pineapple plantlets after shoot tip cryopreservation. Vegetos, 0, , 1.	1.5	6
50	The biochemical characterization, stabilization studies and the antiproliferative effect of bromelain against B16F10 murine melanoma cells. International Journal of Food Sciences and Nutrition, 2017, 68, 442-454.	2.8	5
51	Poly(lactic acid) composites reinforced with leaf fibers from ornamental variety of hybrid pineapple (<scp>P</scp>otyra). Polymer Composites, 2018, 39, 4050-4057.	4.6	5
52	Spatial distribution and associated flora of Alcantarea nahoumii, a vulnerable endemic species to rocky outcrops of the Serra da JibÃ³ia, Bahia, Brazil. Rodriguesia, 2018, 69, 503-514.	0.9	5
53	Leaf structure of <i>Tillandsia</i> species (Tillandsioideae: Bromeliaceae) by light microscopy and scanning electron microscopy. Microscopy Research and Technique, 2022, 85, 253-269.	2.2	5
54	Efeito da sacarose e do sorbitol na conservaÃ§Ã£o in vitro de segmentos nodais de mangabeira. Revista Ciencia Agronomica, 2011, 42, 735-741.	0.3	4

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55	Development of interspecific hybrids of cassava and paternity analysis with molecular markers. Journal of Agricultural Science, 2013, 151, 849-861.	1.3	4
56	<b>Univariate and multivariate statistical tools for in vitro conservation of citrus genotypes. Acta Scientiarum - Agronomy, 2016, 38, 129.	0.6	4
57	Cryopreservation of Pineapple Shoot Tips by the Droplet Vitrification Technique. Methods in Molecular Biology, 2018, 1815, 269-277.	0.9	4
58	Morphoanatomy and stigma receptivity in Tillandsia L. (Bromeliaceae) occurring in Bahia, Brazil. Nordic Journal of Botany, 2020, 38, .	0.5	4
59	Morphoanatomical aspects of the starting material for the improvement of pineapple cryopreservation by the droplet-vitrification technique. Anais Da Academia Brasileira De Ciencias, 2021, 93, e20190555.	0.8	4
60	Post-seminal development and cryopreservation of endemic or endangered bromeliads. Anais Da Academia Brasileira De Ciencias, 2021, 93, e20191133.	0.8	4
61	Volatile compounds profile of Bromeliaceae flowers. Revista De Biologia Tropical, 2016, 64, 1101-16.	0.4	4
62	Characterization and selection of ornamental pineapple hybrids with emphasis on sinuous stems and black fruits1. Pesquisa Agropecuaria Tropical, 2017, 47, 237-245.	1.0	4
63	Somatic embryogenesis of Neoglaziovia variegata (Arruda) Mez, an important source of fiber from native Brazilian bromeliads. Brazilian Archives of Biology and Technology, 2013, 56, 547-555.	0.5	4
64	IDENTIFICATION AND SELECTION OF ORNAMENTAL PINEAPPLE PLANTS. Acta Horticulturae, 2006, , 93-97.	0.2	3
65	Residual effect of growth regulators in etiolation and regeneration of in vitro pineapple plants. Revista Brasileira De Fruticultura, 2010, 32, 612-617.	0.5	3
66	Selection and Use Recommendation in Hybrids of Ornamental Banana. Crop Science, 2012, 52, 560-567.	1.8	3
67	BRS AnauÃª and BRS BoyrÃ¡: the first cultivars of ornamental pineapple developed in Brazil. Crop Breeding and Applied Biotechnology, 2019, 19, 382-386.	0.4	3
68	Genetic diversity and nonparametric statistics to identify possible ISSR marker association with fiber quality of pineapple. Anais Da Academia Brasileira De Ciencias, 2019, 91, e20180749.	0.8	3
69	In vitro conservation of mango (Mangifera indica L.) UbÃ¡ and Carlota cvs. through culturing immature embryos. Anais Da Academia Brasileira De Ciencias, 2020, 92, e20190400.	0.8	3
70	Metabolomics as a tool to discriminate species of the Ananas genus and assist in taxonomic identification. Biochemical Systematics and Ecology, 2022, 100, 104380.	1.3	3
71	Validation of in vitro conservation of pineapple germplasm [Ananas comosus (L.) Merr.] for ten years based on field morphological characterization. Genetic Resources and Crop Evolution, 2021, 68, 2051-2060.	1.6	2
72	Tillandsia oliveirae (Bromeliaceae): a new species from an inselberg in Bahia, Brazil. Phytotaxa, 2021, 527, 60-66.	0.3	2

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73	MICROPROPAGATION OF HELICONIA ROSTRATA AND HELICONIA BIHAI FROM MATURE ZYGOTIC EMBRYOS. Acta Horticulturae, 2010, , 315-320.	0.2	1
74	CLUSTER ANALYSIS USING QUANTITATIVE, QUALITATIVE AND MOLECULAR TRAITS FOR THE STUDY OF THE GENETIC DIVERSITY IN PINEAPPLE GENOTYPES. Acta Horticulturae, 2011, , 159-162.	0.2	1
75	Selection of CTV-tolerant citrus hybrids for ornamental use. Fruits, 2016, 71, 389-398.	0.4	1
76	In vitro conservation of â€˜Florida Roughâ€™ lemon plants. Ciencia Rural, 2022, 52, .	0.5	1
77	Encapsulamento, crioproteÃ§Ã£o e desidrataÃ§Ã£o na capacidade regenerativa de Ã¡pices caulinares de Genipa americana. Ciencia Rural, 2015, 45, 1939-1945.	0.5	0
78	Urban backyards as a new model of pineapple germplasm conservation. Plant Genetic Resources: Characterisation and Utilisation, 2018, 16, 524-532.	0.8	0
79	Strategies for vegetative propagation and viral cleaning of a miniature ornamental pineapple hybrid. Acta Scientiarum - Biological Sciences, 0, 43, e53097.	0.3	0
80	Cryopreservation and low-temperature storage of seeds of Tillandsia species (Bromeliaceae) with ornamental potential. 3 Biotech, 2021, 11, 186.	2.2	0
81	Clonal evaluation and recurrent flowering of ornamental pineapple hybrid for use as miniature potted plant. Revista Ciencia Agronomica, 2019, 50, .	0.3	0
82	Analysis of the economic viability of organic production system of ornamental pineapple plants for cut stems. Ornamental Horticulture, 2022, 28, 99-109.	1.0	0
83	Comparative seed germination, morphology and post-seminal development of two Bromeliaceae species with ornamental potential. Acta Scientiarum - Biological Sciences, 0, 44, e58413.	0.3	0