

# 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	Leaf structure of <i>Tillandsia</i> species (Tillandsioideae: Bromeliaceae) by light microscopy and scanning electron microscopy. <i>Microscopy Research and Technique</i> , 2022, 85, 253-269.	2.2	5
2	Metabolomics as a tool to discriminate species of the <i>Ananas</i> genus and assist in taxonomic identification. <i>Biochemical Systematics and Ecology</i> , 2022, 100, 104380.	1.3	3
3	Analysis of the economic viability of organic production system of ornamental pineapple plants for cut stems. <i>Ornamental Horticulture</i> , 2022, 28, 99-109.	1.0	0
4	In vitro conservation of 'Florida Rough'™ lemon plants. <i>Ciencia Rural</i> , 2022, 52, .	0.5	1
5	Pollen morphology and viability of <i>Tillandsia</i> (Bromeliaceae) species by light microscopy and scanning electron microscopy. <i>Microscopy Research and Technique</i> , 2021, 84, 441-459.	2.2	10
6	Morphoanatomical aspects of the starting material for the improvement of pineapple cryopreservation by the droplet-vitrification technique. <i>Anais Da Academia Brasileira De Ciencias</i> , 2021, 93, e20190555.	0.8	4
7	Post-seminal development and cryopreservation of endemic or endangered bromeliads. <i>Anais Da Academia Brasileira De Ciencias</i> , 2021, 93, e20191133.	0.8	4
8	Cryopreservation and low-temperature storage of seeds of <i>Tillandsia</i> species (Bromeliaceae) with ornamental potential. <i>3 Biotech</i> , 2021, 11, 186.	2.2	0
9	Optimization of culture medium for the in vitro germination and histochemical analysis of <i>Passiflora</i> spp. pollen grains. <i>Scientia Horticulturae</i> , 2021, 288, 110298.	3.6	8
10	Validation of in vitro conservation of pineapple germplasm [ <i>Ananas comosus</i> (L.) Merr.] for ten years based on field morphological characterization. <i>Genetic Resources and Crop Evolution</i> , 2021, 68, 2051-2060.	1.6	2
11	Stigma structure and receptivity in papaya ( <i>Carica papaya</i> L.). <i>Anais Da Academia Brasileira De Ciencias</i> , 2021, 93, e20190605.	0.8	6
12	<i>Tillandsia oliveirae</i> (Bromeliaceae): a new species from an inselberg in Bahia, Brazil. <i>Phytotaxa</i> , 2021, 527, 60-66.	0.3	2
13	Morphoanatomy and stigma receptivity in <i>Tillandsia</i> L. (Bromeliaceae) occurring in Bahia, Brazil. <i>Nordic Journal of Botany</i> , 2020, 38, .	0.5	4
14	Comparison of shoot tip culture and cryotherapy for eradication of ampeloviruses associated with Pineapple mealybug wilt in wild varieties. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2020, 56, 903-910.	2.1	8
15	Assessment of in vitro anthelmintic activity and bio-guided chemical analysis of BRS Boyrã pineapple leaf extracts. <i>Veterinary Parasitology</i> , 2020, 285, 109219.	1.8	11
16	Influence of dehydration on cryopreservation of <i>Musa</i> spp. germplasm. <i>Acta Botanica Croatica</i> , 2020, 79, 99-104.	0.7	8
17	In vitro conservation of mango ( <i>Mangifera indica</i> L.) Ubã and Carlota cvs. through culturing immature embryos. <i>Anais Da Academia Brasileira De Ciencias</i> , 2020, 92, e20190400.	0.8	3
18	Curaua cellulose sheets dip coated with micro and nano carnauba wax emulsions. <i>Cellulose</i> , 2019, 26, 7983-7993.	4.9	28

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19	Diversity of microorganisms associated to Ananas spp. from natural environment, cultivated and ex situ conservation areas. <i>Scientia Horticulturae</i> , 2019, 243, 544-551.	3.6	11
20	BRS Anauã and BRS Boyrã: the first cultivars of ornamental pineapple developed in Brazil. <i>Crop Breeding and Applied Biotechnology</i> , 2019, 19, 382-386.	0.4	3
21	Clonal evaluation and recurrent flowering of ornamental pineapple hybrid for use as miniature potted plant. <i>Revista Ciencia Agronomica</i> , 2019, 50, .	0.3	0
22	Genetic diversity and nonparametric statistics to identify possible ISSR marker association with fiber quality of pineapple. <i>Anais Da Academia Brasileira De Ciencias</i> , 2019, 91, e20180749.	0.8	3
23	Poly(lactic acid) composites reinforced with leaf fibers from ornamental variety of hybrid pineapple (<sc>P</sc>otyra). <i>Polymer Composites</i> , 2018, 39, 4050-4057.	4.6	5
24	Advances in pineapple plant propagation. <i>Revista Brasileira De Fruticultura</i> , 2018, 40, .	0.5	18
25	Spatial distribution and associated flora of <i>Alcantarea nahoumii</i> , a vulnerable endemic species to rocky outcrops of the Serra da Jibãia, Bahia, Brazil. <i>Rodriguesia</i> , 2018, 69, 503-514.	0.9	5
26	Evaluation of the micropropagation potential of curauã pineapple hybrids for fiber production. <i>Acta Amazonica</i> , 2018, 48, 290-297.	0.7	7
27	Urban backyards as a new model of pineapple germplasm conservation. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2018, 16, 524-532.	0.8	0
28	Cryopreservation of Pollen Grains of Pineapple and Other Bromeliads. <i>Methods in Molecular Biology</i> , 2018, 1815, 279-288.	0.9	8
29	Cryopreservation of Pineapple Shoot Tips by the Droplet Vitrification Technique. <i>Methods in Molecular Biology</i> , 2018, 1815, 269-277.	0.9	4
30	Metabolic profile and cytotoxicity of non-polar extracts of pineapple leaves and chemometric analysis of different pineapple cultivars. <i>Industrial Crops and Products</i> , 2018, 124, 466-474.	5.2	13
31	Public perception and acceptance of ornamental pineapple hybrids. <i>Ornamental Horticulture</i> , 2018, 24, 116-124.	1.0	6
32	Genetic diversity and ISSR marker association with the quality of pineapple fiber for use in industry. <i>Industrial Crops and Products</i> , 2017, 104, 263-268.	5.2	12
33	The biochemical characterization, stabilization studies and the antiproliferative effect of bromelain against B16F10 murine melanoma cells. <i>International Journal of Food Sciences and Nutrition</i> , 2017, 68, 442-454.	2.8	5
34	Interspecific and intergeneric hybridization in Bromeliaceae and their relationships to breeding systems. <i>Scientia Horticulturae</i> , 2017, 223, 53-61.	3.6	37
35	Cryopreservation of pollen of wild pineapple accessions. <i>Scientia Horticulturae</i> , 2017, 219, 326-334.	3.6	38
36	Cryopreservation of Hamlin sweet orange [( <i>Citrus sinensis</i> (L.) Osbeck)] embryogenic calli using a modified aluminum cryo-plate technique. <i>Scientia Horticulturae</i> , 2017, 224, 302-305.	3.6	9

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37	Comparison of two PVS2-based procedures for cryopreservation of commercial sugarcane ( <i>Saccharum</i> spp.) germplasm and confirmation of genetic stability after cryopreservation using ISSR markers. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2017, 53, 410-417.	2.1	23
38	Pollen morphology and viability in Bromeliaceae. <i>Anais Da Academia Brasileira De Ciencias</i> , 2017, 89, 3067-3082.	0.8	20
39	Floral and reproductive biology of <i>Alcantarea nahoumii</i> (Bromeliaceae), a vulnerable endemic species of the Atlantic Forest. <i>Acta Botanica Brasilica</i> , 2017, 31, 665-676.	0.8	9
40	Characterization and selection of ornamental pineapple hybrids with emphasis on sinuous stems and black fruits1. <i>Pesquisa Agropecuaria Tropical</i> , 2017, 47, 237-245.	1.0	4
41	Cryopreservation of citrus seed via dehydration followed by immersion in liquid nitrogen. <i>Turkish Journal of Biology</i> , 2017, 41, 242-248.	0.8	17
42	<b>Univariate and multivariate statistical tools for <i>in vitro</i> conservation of citrus genotypes. <i>Acta Scientiarum - Agronomy</i> , 2016, 38, 129.	0.6	4
43	&lt;b>Clonal evaluation of new ornamental pineapple hybrids to use as cut flowers. <i>Acta Scientiarum - Agronomy</i> , 2016, 38, 475.	0.6	6
44	Viability and genetic stability of pineapple germplasm after 10 years of in vitro conservation. <i>Plant Cell, Tissue and Organ Culture</i> , 2016, 127, 123-133.	2.3	31
45	Stigma structure and receptivity in Bromeliaceae. <i>Scientia Horticulturae</i> , 2016, 203, 118-125.	3.6	24
46	Droplet-vitrification and morphohistological studies of cryopreserved shoot tips of cultivated and wild pineapple genotypes. <i>Plant Cell, Tissue and Organ Culture</i> , 2016, 124, 351-360.	2.3	33
47	Volatile compounds profile of Bromeliaceae flowers. <i>Revista De Biología Tropical</i> , 2016, 64, 1101-16.	0.4	4
48	Selection of CTV-tolerant citrus hybrids for ornamental use. <i>Fruits</i> , 2016, 71, 389-398.	0.4	1
49	Encapsulamento, crioproteção e desidratação na capacidade regenerativa de ápices caulinares de <i>Genipa americana</i> . <i>Ciencia Rural</i> , 2015, 45, 1939-1945.	0.5	0
50	Viability, storage and ultrastructure analysis of <i>Aechmea bicolor</i> (Bromeliaceae) pollen grains, an endemic species to the Atlantic forest. <i>Euphytica</i> , 2015, 204, 13-28.	1.2	56
51	Gigante de Tarauacá: A triploid pineapple from Brazilian Amazonia. <i>Scientia Horticulturae</i> , 2015, 181, 1-3.	3.6	9
52	Genetic variation of Citrus and related genera with ornamental potential. <i>Euphytica</i> , 2015, 205, 503-520.	1.2	10
53	Comparative study of 12 pineapple leaf fiber varieties for use as mechanical reinforcement in polymer composites. <i>Industrial Crops and Products</i> , 2015, 64, 68-78.	5.2	88
54	Genetic fidelity and variability of micropropagated cassava plants ( <i>Manihot esculenta</i> Crantz) evaluated using ISSR markers. <i>Genetics and Molecular Research</i> , 2015, 14, 7759-7770.	0.2	8

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55	In vitro regeneration and morphogenesis of somatic embryos of cassava. <i>Revista Ciencia Agronomica</i> , 2014, 45, 558-565.	0.3	7
56	Selection and use recommendation in hybrids of ornamental pineapple. <i>Revista Ciencia Agronomica</i> , 2014, 45, 409-416.	0.3	16
57	Characterization and comparative evaluation of thermal, structural, chemical, mechanical and morphological properties of six pineapple leaf fiber varieties for use in composites. <i>Industrial Crops and Products</i> , 2013, 43, 529-537.	5.2	141
58	Development of interspecific hybrids of cassava and paternity analysis with molecular markers. <i>Journal of Agricultural Science</i> , 2013, 151, 849-861.	1.3	4
59	Micropropagation of the ornamental vulnerable bromeliads <i>Aechmea blanchetiana</i> and <i>Aechmea distichantha</i> . <i>Horticultura Brasileira</i> , 2013, 31, 112-118.	0.5	13
60	Aspectos morfofisiológicos na pré-aclimatização in vitro e aclimatização de plantas de caroá. <i>Revista Ciencia Agronomica</i> , 2013, 44, 544-553.	0.3	7
61	Caracterização físico-química de novos híbridos de abacaxi resistentes à fusariose. <i>Ciencia Rural</i> , 2013, 43, 1155-1161.	0.5	21
62	Somatic embryogenesis of <i>Neoglaziovia variegata</i> (Arruda) Mez, an important source of fiber from native Brazilian bromeliads. <i>Brazilian Archives of Biology and Technology</i> , 2013, 56, 547-555.	0.5	4
63	Selection and Use Recommendation in Hybrids of Ornamental Banana. <i>Crop Science</i> , 2012, 52, 560-567.	1.8	3
64	Genetic variation of the <i>Ananas</i> genus with ornamental potential. <i>Genetic Resources and Crop Evolution</i> , 2012, 59, 1357-1376.	1.6	36
65	Genetic variability of banana with ornamental potential. <i>Euphytica</i> , 2012, 184, 355-367.	1.2	8
66	Viability, production and morphology of pollen grains for different species in the genus <i>Manihot</i> (Euphorbiaceae). <i>Acta Botanica Brasílica</i> , 2012, 26, 350-356.	0.8	14
67	Efeito da sacarose e do sorbitol na conservação in vitro de segmentos nodais de mangabeira. <i>Revista Ciencia Agronomica</i> , 2011, 42, 735-741.	0.3	4
68	Morfologia e viabilidade de grãos de pólen de acessos silvestres de abacaxi. <i>Ciencia Rural</i> , 2011, 41, 1744-1749.	0.5	9
69	CLUSTER ANALYSIS USING QUANTITATIVE, QUALITATIVE AND MOLECULAR TRAITS FOR THE STUDY OF THE GENETIC DIVERSITY IN PINEAPPLE GENOTYPES. <i>Acta Horticulturae</i> , 2011, , 159-162.	0.2	1
70	Avaliação de espécies de Costaceae para uso ornamental. <i>Revista Brasileira De Horticultura Ornamental</i> , 2011, 17, 63.	0.1	8
71	Resposta germinativa de sementes de caroá [ <i>Neoglaziovia variegata</i> (Arruda) Mez ]. <i>Ciencia E Agrotecnologia</i> , 2011, 35, 948-955.	1.5	10
72	MICROPROPAGATION OF <i>HELICONIA ROSTRATA</i> AND <i>HELICONIA BIHAI</i> FROM MATURE ZYGOTIC EMBRYOS. <i>Acta Horticulturae</i> , 2010, , 315-320.	0.2	1

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73	Residual effect of growth regulators in etiolation and regeneration of in vitro pineapple plants. <i>Revista Brasileira De Fruticultura</i> , 2010, 32, 612-617.	0.5	3
74	Variabilidade genética de populações naturais de caroá; por meio de marcadores RAPD. <i>Pesquisa Agropecuaria Brasileira</i> , 2009, 44, 283-290.	0.9	7
75	PINEAPPLE GENETIC IMPROVEMENT IN BRAZIL. <i>Acta Horticulturae</i> , 2009, , 39-46.	0.2	10
76	Micropropagation and in vitro conservation of <i>Neoglaziovia variegata</i> (Arr. Cam.) Mez, a fiber producing bromeliad from Brazil. <i>Brazilian Archives of Biology and Technology</i> , 2009, 52, 923-932.	0.5	22
77	Morphogenetic response of cotyledon and leaf explants of melon ( <i>Cucumis melo</i> L.) cv. <i>Amarillo Oro</i> . <i>Brazilian Archives of Biology and Technology</i> , 2006, 49, 21-27.	0.5	15
78	IDENTIFICATION AND SELECTION OF ORNAMENTAL PINEAPPLE PLANTS. <i>Acta Horticulturae</i> , 2006, , 93-97.	0.2	3
79	SLOW-GROWTH CONDITIONS FOR THE IN VITRO CONSERVATION OF PINEAPPLE GERMPLASM. <i>Acta Horticulturae</i> , 2006, , 41-45.	0.2	8
80	Conservação in vitro de germoplasma de abacaxi tratado com paclobutrazol. <i>Pesquisa Agropecuaria Brasileira</i> , 2004, 39, 717-720.	0.9	12
81	Strategies for vegetative propagation and viral cleaning of a miniature ornamental pineapple hybrid. <i>Acta Scientiarum - Biological Sciences</i> , 0, 43, e53097.	0.3	0
82	Inter simple sequence repeat (ISSR) markers reveal DNA stability in pineapple plantlets after shoot tip cryopreservation. <i>Vegetos</i> , 0, , 1.	1.5	6
83	Comparative seed germination, morphology and post-seminal development of two Bromeliaceae species with ornamental potential. <i>Acta Scientiarum - Biological Sciences</i> , 0, 44, e58413.	0.3	0