

Adriana P Martinelli

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7792850/publications.pdf>

Version: 2024-02-01

84
papers

2,191
citations

186265

28
h-index

265206

42
g-index

85
all docs

85
docs citations

85
times ranked

2749
citing authors

#	ARTICLE	IF	CITATIONS
1	Differential ultrastructural changes in tomato hormonal mutants exposed to cadmium. <i>Environmental and Experimental Botany</i> , 2009, 67, 387-394.	4.2	137
2	Brassinosteroids interact negatively with jasmonates in the formation of anti-herbivory traits in tomato. <i>Journal of Experimental Botany</i> , 2009, 60, 4347-4361.	4.8	129
3	Re-evaluation of transcription factor function in tomato fruit development and ripening with CRISPR/Cas9-mutagenesis. <i>Scientific Reports</i> , 2019, 9, 1696.	3.3	119
4	A soybean (<i>Glycine max</i>) polyubiquitin promoter gives strong constitutive expression in transgenic soybean. <i>Plant Cell Reports</i> , 2009, 28, 837-849.	5.6	84
5	Genetic transformation and plant recovery from mature tissues of <i>Citrus sinensis</i> L. Osbeck. <i>Plant Science</i> , 2003, 164, 203-211.	3.6	66
6	A morphological and histological comparison of the initiation and development of pecan (<i>Carya</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5 2,4-dichlorophenoxyacetic acid. <i>Protoplasma</i> , 1998, 204, 71-83.	2.1	63
7	Structural Changes in Radish Seedlings Exposed to Cadmium. <i>Biologia Plantarum</i> , 2003, 46, 561-568.	1.9	63
8	A novel approach for the definition of the inorganic medium components for micropropagation of yellow passionfruit (<i>Passiflora edulis</i> Sims. F. <i>Flavicarpa</i> Deg.). <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2000, 36, 527-531.	2.1	58
9	Abscisic acid-deficient sit tomato mutant responses to cadmium-induced stress. <i>Protoplasma</i> , 2017, 254, 771-783.	2.1	58
10	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
11	A Morphological and Histological Characterization of Bisexual and Male Flower Types in Pomegranate. <i>Journal of the American Society for Horticultural Science</i> , 2011, 136, 83-92.	1.0	51
12	FT/TFL1: Calibrating Plant Architecture. <i>Frontiers in Plant Science</i> , 2019, 10, 97.	3.6	48
13	Novel functions of the Arabidopsis transcription factor <i>TCP5</i> in petal development and ethylene biosynthesis. <i>Plant Journal</i> , 2018, 94, 867-879.	5.7	46
14	Somatic embryogenesis in Citrus SPP.: Carbohydrate stimulation and histodifferentiation. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2001, 37, 446-452.	2.1	44
15	The rubber tree (<i>Hevea brasiliensis</i> Muell. Arg.) homologue of the LEAFY/FLORICAULA gene is preferentially expressed in both male and female floral meristems*. <i>Journal of Experimental Botany</i> , 2005, 56, 1965-1974.	4.8	43
16	Floral Development in the Tribe Cedreleae (Meliaceae, Sub-family Swietenioideae): Cedrela and Toona. <i>Annals of Botany</i> , 2007, 101, 39-48.	2.9	43
17	Metal-binding proteins scanning and determination by combining gel electrophoresis, synchrotron radiation X-ray fluorescence and atomic spectrometry. <i>Journal of Proteomics</i> , 2005, 62, 97-109.	2.4	40
18	Intercellular transport of epidermis-expressed MADS domain transcription factors and their effect on plant morphology and floral transition. <i>Plant Journal</i> , 2010, 63, no-no.	5.7	40

#	ARTICLE	IF	CITATIONS
19	In vitro organogenesis in watermelon cotyledons. <i>Pesquisa Agropecuaria Brasileira</i> , 2005, 40, 861-865.	0.9	38
20	Interspecific and intergeneric hybridization in Bromeliaceae and their relationships to breeding systems. <i>Scientia Horticulturae</i> , 2017, 223, 53-61.	3.6	37
21	A <i>Floricaula/Leafy</i> gene homolog is preferentially expressed in developing female cones of the tropical pine <i>Pinus caribaea</i> var. <i>caribaea</i> . <i>Genetics and Molecular Biology</i> , 2005, 28, 299-307.	1.3	36
22	Transcriptome analysis of <i>Gossypium hirsutum</i> flower buds infested by cotton boll weevil (<i>Anthonomus grandis</i>) larvae. <i>BMC Genomics</i> , 2014, 15, 854.	2.8	35
23	The effect of auxin type and concentration on pecan (<i>Carya illinoensis</i>) somatic embryo morphology and subsequent conversion into plants. <i>Plant Cell Reports</i> , 1994, 13, 607-11.	5.6	34
24	Shedding light on the mechanisms of absorption and transport of ZnO nanoparticles by plants via in vivo X-ray spectroscopy. <i>Environmental Science: Nano</i> , 2017, 4, 2367-2376.	4.3	33
25	Optimization of a protocol for the micropropagation of pineapple. <i>Revista Brasileira De Fruticultura</i> , 2002, 24, 296-300.	0.5	31
26	Agrobacterium-mediated transformation of <i>Citrus sinensis</i> and <i>Citrus limonia</i> epicotyl segments. <i>Scientia Agricola</i> , 2003, 60, 23-29.	1.2	31
27	Adequate S supply reduces the damage of high Cd exposure in roots and increases N, S and Mn uptake by Massai grass grown in hydroponics. <i>Environmental and Experimental Botany</i> , 2018, 148, 35-46.	4.2	31
28	Selenium improves photosynthesis and induces ultrastructural changes but does not alleviate cadmium-stress damages in tomato plants. <i>Protoplasma</i> , 2020, 257, 597-605.	2.1	31
29	Relationship between Mg, B and Mn status and tomato tolerance against Cd toxicity. <i>Journal of Environmental Management</i> , 2019, 240, 84-92.	7.8	30
30	A statistical approach to study the dynamics of micropropagation rates, using banana (<i>Musa</i> spp.) as an example. <i>Plant Cell Reports</i> , 1999, 18, 967-971.	5.6	29
31	Biochemical and histological characterization of tomato mutants. <i>Anais Da Academia Brasileira De Ciencias</i> , 2012, 84, 573-585.	0.8	29
32	EgLFY, the <i>Eucalyptus grandis</i> homolog of the <i>Arabidopsis</i> gene <i>LEAFY</i> is expressed in reproductive and vegetative tissues. <i>Brazilian Journal of Plant Physiology</i> , 2004, 16, 105-114.	0.5	29
33	Adjustment of Mineral Elements in the Culture Medium for the Micropropagation of Three <i>Vriesea</i> Bromeliads from the Brazilian Atlantic Forest: The Importance of Calcium. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2009, 44, 106-112.	1.0	28
34	In vitro morphogenesis of <i>Cucumis melo</i> var. <i>inodorus</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 2001, 65, 81-89.	2.3	27
35	In vitro organogenesis optimization and plantlet regeneration in <i>Citrus sinensis</i> and <i>C. limonia</i> . <i>Scientia Agricola</i> , 2002, 59, 35-40.	1.2	27
36	Organogenesis from internodal segments of yellow passion fruit. <i>Scientia Agricola</i> , 2000, 57, 661-665.	1.2	24

#	ARTICLE	IF	CITATIONS
37	Stigma structure and receptivity in Bromeliaceae. <i>Scientia Horticulturae</i> , 2016, 203, 118-125.	3.6	24
38	The tropical cedar tree (<i>Cedrela fissilis</i> Vell., Meliaceae) homolog of the <i>Arabidopsis</i> LEAFY gene is expressed in reproductive tissues and can complement <i>Arabidopsis</i> leafy mutants. <i>Planta</i> , 2006, 223, 306-314.	3.2	23
39	Somatic embryogenesis and organogenesis in apomictic and sexual <i>Brachiaria brizantha</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 2011, 107, 271-282.	2.3	23
40	Pollen morphology and viability in Bromeliaceae. <i>Anais Da Academia Brasileira De Ciencias</i> , 2017, 89, 3067-3082.	0.8	20
41	Regenera�o in vitro de <i>Passiflora suberosa</i> a partir de discos foliares. <i>Scientia Agricola</i> , 2000, 57, 571-573.	1.2	20
42	Somatic embryogenesis from ovaries of sweet orange cv. Tobias. <i>Plant Cell, Tissue and Organ Culture</i> , 2012, 109, 171-177.	2.3	19
43	Ultrasound-assisted extraction of Ca, K and Mg from in vitro citrus culture. <i>Journal of the Brazilian Chemical Society</i> , 2003, 14, 470-474.	0.6	19
44	Direct determination of plant-growth related metabolites by capillary electrophoresis with spectrophotometric UV detection. <i>Journal of the Brazilian Chemical Society</i> , 2009, 20, 183-187.	0.6	17
45	Aluminum-induced stress differently modifies <i>Urochloa</i> genotypes responses on growth and regrowth: root-to-shoot Al-translocation and oxidative stress. <i>Theoretical and Experimental Plant Physiology</i> , 2018, 30, 141-152.	2.4	17
46	Enzymatic antioxidants� Relevant or not to protect the photosynthetic system against cadmium-induced stress in Massai grass supplied with sulfur?. <i>Environmental and Experimental Botany</i> , 2018, 155, 702-717.	4.2	17
47	Aluminum-induced toxicity in <i>Urochloa brizantha</i> genotypes: A first glance into root Al-apoplastic and -symplastic compartmentation, Al-translocation and antioxidant performance. <i>Chemosphere</i> , 2020, 243, 125362.	8.2	17
48	In vitro anther culture of sweet orange (<i>Citrus sinensis</i> L. Osbeck) genotypes and of a C. clementina�C. sinensis �Hamlin� hybrid. <i>Plant Cell, Tissue and Organ Culture</i> , 2014, 117, 455-464.	2.3	16
49	A novel approach for the selection of <i>Cattleya</i> hybrids for precocious and season-independent flowering. <i>Euphytica</i> , 2016, 210, 143-150.	1.2	16
50	Histological characterization of in vitro adventitious organogenesis in <i>Citrus sinensis</i> . <i>Biologia Plantarum</i> , 2006, 50, 321-325.	1.9	14
51	Callus sieving is effective in improving synchronization and frequency of somatic embryogenesis in <i>Citrus sinensis</i> . <i>Biologia Plantarum</i> , 2011, 55, .	1.9	14
52	Characterization of unisexual flower development in the endangered mahogany tree <i>Swietenia macrophylla</i> King. (Meliaceae). <i>Botanical Journal of the Linnean Society</i> , 2008, 156, 529-535.	1.6	13
53	SERK genes identification and expression analysis during somatic embryogenesis and sporogenesis of sexual and apomictic <i>Brachiaria brizantha</i> (Syn. <i>Urochloa brizantha</i>). <i>Planta</i> , 2020, 252, 39.	3.2	13
54	Perspectives for a Framework to Understand Aril Initiation and Development. <i>Frontiers in Plant Science</i> , 2016, 7, 1919.	3.6	11

#	ARTICLE	IF	CITATIONS
55	The role of nectar traits and nectary morphoanatomy in the plant-pollinator interaction between <i>Billbergia distachia</i> (Bromeliaceae) and the hermit <i>Phaethornis eurynome</i> (Trochilidae). <i>Botanical Journal of the Linnean Society</i> , 2020, 192, 816-827.	1.6	11
56	Plant regeneration from embryogenic callus and cell suspensions of <i>Brachiaria brizantha</i> . <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2015, 51, 369-377.	2.1	10
57	Pollen morphology and ultrastructure of <i>Tephrosia</i> Pers. (Leguminosae " Papilionoideae ") <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 T</i>	0.8	9
58	Somatic embryogenesis of a seedless sweet orange (<i>Citrus sinensis</i> (L.) Osbeck). <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2017, 53, 619-623.	2.1	8
59	Nectar as manipulator: how nectar traits influence changes in pollinator groups of <i>Aechmea vanhoutteana</i> , a bromeliad from the Brazilian Atlantic Forest. <i>Botanical Journal of the Linnean Society</i> , 2020, 192, 803-815.	1.6	8
60	A genomic approach to elucidating grass flower development. <i>Genetics and Molecular Biology</i> , 2001, 24, 69-76.	1.3	7
61	Identifying Eucalyptus expressed sequence tags related to Arabidopsis flowering-time pathway genes. <i>Brazilian Journal of Plant Physiology</i> , 2005, 17, 255-266.	0.5	7
62	Morphological analysis of pollen grains from heterodynamous stamens of some <i>Aeschynomene</i> L. (Le) <i>Tj ETQq0 0 0 rgBT /Overlock 10 T</i>	0.2	6
63	Genetic transformation of <i>Brachiaria brizantha</i> cv. Marandu by biolistics. <i>Anais Da Academia Brasileira De Ciencias</i> , 2018, 90, 1789-1797.	0.8	6
64	Characterization of floral morphoanatomy and identification of marker genes preferentially expressed during specific stages of cotton flower development. <i>Planta</i> , 2020, 252, 71.	3.2	6
65	<i>Hohenbergia ituberaensis</i> (Bromeliaceae): a new white-flowered species from Bahia, Brazil. <i>Phytotaxa</i> , 2020, 439, 119-126.	0.3	6
66	Pollen morphology of <i>Microstachys</i> (Euphorbiaceae) with emphasis on neotropical species. <i>Grana</i> , 2019, 58, 408-423.	0.8	5
67	Pollen morphology, ultrasculpture and ultrastructure of <i>Poiretia</i> Vent. (Leguminosae " ") <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 T</i>	0.8	5
68	Histological changes in banana explants, cv. Nanicão (Musa spp., Group AAA), submitted to different auxins for induction of somatic embryogenesis. <i>Revista Brasileira De Botanica</i> , 2001, 24, 595-602.	1.3	4
69	Characterization of fungal soil communities by F-RISA and arbuscular mycorrhizal fungi from <i>Araucaria angustifolia</i> forest soils after replanting and wildfire disturbances. <i>Symbiosis</i> , 2009, 48, 164-172.	2.3	4
70	Establishment of the <i>Hohenbergia capitata</i> complex (Bromeliaceae) with notes on leaf anatomy and description of a new endangered species. <i>Phytotaxa</i> , 2021, 518, 196-208.	0.3	4
71	Volatile compounds profile of Bromeliaceae flowers. <i>Revista De Biologia Tropical</i> , 2016, 64, 1101-16.	0.4	4
72	Variações morfológicas de embriões somáticos obtidos a partir de inflorescências de bananeira. <i>Scientia Agricola</i> , 2001, 58, 711-716.	1.2	4

#	ARTICLE	IF	CITATIONS
73	Passiflora organensis FT/TFL1 gene family and their putative roles in phase transition and floral initiation. Plant Reproduction, 2021, , 1.	2.2	4
74	Stomatal analysis of citrus somatic hybrids obtained by protoplast fusion. Pesquisa Agropecuaria Brasileira, 2004, 39, 297-300.	0.9	2
75	Somatic Embryogenesis and Plant Regeneration of Brachiaria brizantha. Methods in Molecular Biology, 2016, 1359, 395-402.	0.9	2
76	Floral development and anatomy of two species of <i>Aechmea</i> (Bromeliaceae, Bromelioideae). Botanical Journal of the Linnean Society, 2020, 194, 221-238.	1.6	2
77	Palynotaxonomy of tribe Hippomaneae A. Juss. (Euphorbioideae, Euphorbiaceae). Grana, 2021, 60, 424-458.	0.8	2
78	Comparing soil-to-plant cadmium (Cd) transfer and potential human intake among rice cultivars with different Cd tolerance levels grown in a tropical contaminated soil. Environmental Monitoring and Assessment, 2022, 194, 20.	2.7	2
79	Morphological and anatomical traits during development: Highlighting extrafloral nectaries in <i>Passiflora organensis</i> . Microscopy Research and Technique, 2022, 85, 2784-2794.	2.2	1
80	Floral characteristics, pollen morphology, and viability of sugarcane hybrids (<i>Saccharum officinarum</i>) and the neotropical wild relative, <i>S. villosum</i> . Flora: Morphology, Distribution, Functional Ecology of Plants, 2022, 294, 152118.	1.2	1
81	Post-seminal development and morphoanatomy of vegetative and reproductive organs in <i>Stevia rebaudiana</i> (Bert.) Bertonii (Asteraceae). Anais Da Academia Brasileira De Ciencias, 2018, 90, 2167-2177.	0.8	0
82	A New Species of <i>Araeococcus</i> (Bromeliaceae) from Bahia, Brazil and a Comparative Morphological and Anatomical Analysis. Systematic Botany, 2019, 44, 790-797.	0.5	0
83	An overview of the Sixth International Conference on the Comparative Biology of Monocotyledons - Monocots VI - Natal, Brazil, 2018. Rodriguesia, 0, 72, .	0.9	0
84	Taxonomy of <i>Hohenbergia lanata</i> Pereira & Moutinho, new collections with an amendment to its description. Anais Da Academia Brasileira De Ciencias, 2021, 93, e20200973.	0.8	0