

Adriana P Martinelli

List of Publications by Year in descending order

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84
papers

2,191
citations

186265

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265206

42
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85
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85
docs citations

85
times ranked

2749
citing authors

#	ARTICLE	IF	CITATIONS
1	Pollen morphology, ultrasculpture and ultrastructure of <i>Poiretia</i> Vent. (Leguminosae). <i>Tj ETQq1</i> 1 0.784314 rgBT /Overlock	0.8	5
2	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. <i>Environmental Monitoring and Assessment</i> , 2022, 194, 20.	2.7	2
3	Morphological and anatomical traits during development: Highlighting extrafloral nectaries in <i>Passiflora organensis</i> . <i>Microscopy Research and Technique</i> , 2022, 85, 2784-2794.	2.2	1
4	Floral characteristics, pollen morphology, and viability of sugarcane hybrids (<i>Saccharum officinarum</i>) and the neotropical wild relative, <i>S. villosum</i> . <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2022, 294, 152118.	1.2	1
5	Palynotaxonomy of tribe Hippomaneae A. Juss. (Euphorbioideae, Euphorbiaceae). <i>Grana</i> , 2021, 60, 424-458.	0.8	2
6	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
7	<i>Passiflora organensis</i> FT/TFL1 gene family and their putative roles in phase transition and floral initiation. <i>Plant Reproduction</i> , 2021, , 1.	2.2	4
8	Taxonomy of <i>Hohenbergia lanata</i> Pereira & Moutinho, new collections with an amendment to its description. <i>Anais Da Academia Brasileira De Ciencias</i> , 2021, 93, e20200973.	0.8	0
9	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
10	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
11	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
12	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
13	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
14	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
15	Floral development and anatomy of two species of <i>Aechmea</i> (Bromeliaceae, Bromelioideae). <i>Botanical Journal of the Linnean Society</i> , 2020, 194, 221-238.	1.6	2
16	<i>Hohenbergia ituberaensis</i> (Bromeliaceae): a new white-flowered species from Bahia, Brazil. <i>Phytotaxa</i> , 2020, 439, 119-126.	0.3	6
17	Pollen morphology of <i>Microstachys</i> (Euphorbiaceae) with emphasis on neotropical species. <i>Grana</i> , 2019, 58, 408-423.	0.8	5
18	FT/TFL1: Calibrating Plant Architecture. <i>Frontiers in Plant Science</i> , 2019, 10, 97.	3.6	48

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19	Pollen morphology and ultrastructure of <i>Tephrosia</i> Pers. (Leguminosae “ Papilionoideae”) Tj ETQq1 1 0.784314 rgBT /Over	0.8	0
20	Relationship between Mg, B and Mn status and tomato tolerance against Cd toxicity. Journal of Environmental Management, 2019, 240, 84-92.	7.8	30
21	Re-evaluation of transcription factor function in tomato fruit development and ripening with CRISPR/Cas9-mutagenesis. Scientific Reports, 2019, 9, 1696.	3.3	119
22	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
23	Novel functions of the Arabidopsis transcription factor <i>TCP5</i> in petal development and ethylene biosynthesis. Plant Journal, 2018, 94, 867-879.	5.7	46
24	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. Environmental and Experimental Botany, 2018, 148, 35-46.	4.2	31
25	Morphological analysis of pollen grains from heterodynamous stamens of some <i>Aeschynomene</i> L. (Le) Tj ETQq1 1 0.784314 rgBT /Over	0.2	0
26	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
27	Aluminum-induced stress differently modifies <i>Urochloa</i> genotypes responses on growth and regrowth: root-to-shoot Al-translocation and oxidative stress. Theoretical and Experimental Plant Physiology, 2018, 30, 141-152.	2.4	17
28	Genetic transformation of <i>Brachiaria brizantha</i> cv. Marandu by biolistics. Anais Da Academia Brasileira De Ciencias, 2018, 90, 1789-1797.	0.8	6
29	Enzymatic antioxidants “Relevant or not to protect the photosynthetic system against cadmium-induced stress in Massai grass supplied with sulfur?. Environmental and Experimental Botany, 2018, 155, 702-717.	4.2	17
30	Abscisic acid-deficient sit tomato mutant responses to cadmium-induced stress. Protoplasma, 2017, 254, 771-783.	2.1	58
31	Interspecific and intergeneric hybridization in Bromeliaceae and their relationships to breeding systems. Scientia Horticulturae, 2017, 223, 53-61.	3.6	37
32	Shedding light on the mechanisms of absorption and transport of ZnO nanoparticles by plants via in vivo X-ray spectroscopy. Environmental Science: Nano, 2017, 4, 2367-2376.	4.3	33
33	Somatic embryogenesis of a seedless sweet orange (<i>Citrus sinensis</i> (L.) Osbeck). In Vitro Cellular and Developmental Biology - Plant, 2017, 53, 619-623.	2.1	8
34	Pollen morphology and viability in Bromeliaceae. Anais Da Academia Brasileira De Ciencias, 2017, 89, 3067-3082.	0.8	20
35	Perspectives for a Framework to Understand Aril Initiation and Development. Frontiers in Plant Science, 2016, 7, 1919.	3.6	11
36	Stigma structure and receptivity in Bromeliaceae. Scientia Horticulturae, 2016, 203, 118-125.	3.6	24

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37	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
38	Somatic Embryogenesis and Plant Regeneration of <i>Brachiaria brizantha</i> . <i>Methods in Molecular Biology</i> , 2016, 1359, 395-402.	0.9	2
39	Volatile compounds profile of Bromeliaceae flowers. <i>Revista De Biología Tropical</i> , 2016, 64, 1101-16.	0.4	4
40	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
41	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
42	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
43	In vitro anther culture of sweet orange (<i>Citrus sinensis</i> L. Osbeck) genotypes and of a <i>C. clementina</i> × <i>C. sinensis</i> "Hamlin"™ hybrid. <i>Plant Cell, Tissue and Organ Culture</i> , 2014, 117, 455-464.	2.3	16
44	Biochemical and histological characterization of tomato mutants. <i>Anais Da Academia Brasileira De Ciencias</i> , 2012, 84, 573-585.	0.8	29
45	Somatic embryogenesis from ovaries of sweet orange cv. Tobias. <i>Plant Cell, Tissue and Organ Culture</i> , 2012, 109, 171-177.	2.3	19
46	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
47	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
48	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
49	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
50	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
51	Differential ultrastructural changes in tomato hormonal mutants exposed to cadmium. <i>Environmental and Experimental Botany</i> , 2009, 67, 387-394.	4.2	137
52	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
53	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
54	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

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55	Adjustment of Mineral Elements in the Culture Medium for the Micropropagation of Three Vriesea Bromeliads from the Brazilian Atlantic Forest: The Importance of Calcium. Hortscience: A Publication of the American Society for Horticultural Science, 2009, 44, 106-112.	1.0	28
56	Characterization of unisexual flower development in the endangered mahogany tree Swietenia macrophylla King. (Meliaceae). Botanical Journal of the Linnean Society, 2008, 156, 529-535.	1.6	13
57	Floral Development in the Tribe Cedreleae (Meliaceae, Sub-family Swietenioideae): Cedrela and Toona. Annals of Botany, 2007, 101, 39-48.	2.9	43
58	Histological characterization of in vitro adventitious organogenesis in Citrus sinensis. Biologia Plantarum, 2006, 50, 321-325.	1.9	14
59	The tropical cedar tree (Cedrela fissilis Vell., Meliaceae) homolog of the Arabidopsis LEAFY gene is expressed in reproductive tissues and can complement Arabidopsis leafy mutants. Planta, 2006, 223, 306-314.	3.2	23
60	A Floricaula/Leafy gene homolog is preferentially expressed in developing female cones of the tropical pine Pinus caribaea var. caribaea. Genetics and Molecular Biology, 2005, 28, 299-307.	1.3	36
61	In vitro organogenesis in watermelon cotyledons. Pesquisa Agropecuaria Brasileira, 2005, 40, 861-865.	0.9	38
62	The rubber tree (Hevea brasiliensis Muell. Arg.) homologue of the LEAFY/FLORICAULA gene is preferentially expressed in both male and female floral meristems*. Journal of Experimental Botany, 2005, 56, 1965-1974.	4.8	43
63	Metal-binding proteins scanning and determination by combining gel electrophoresis, synchrotron radiation X-ray fluorescence and atomic spectrometry. Journal of Proteomics, 2005, 62, 97-109.	2.4	40
64	Identifying Eucalyptus expressed sequence tags related to Arabidopsis flowering-time pathway genes. Brazilian Journal of Plant Physiology, 2005, 17, 255-266.	0.5	7
65	Stomatal analysis of citrus somatic hybrids obtained by protoplast fusion. Pesquisa Agropecuaria Brasileira, 2004, 39, 297-300.	0.9	2
66	EgLFY, the Eucalyptus grandis homolog of the Arabidopsis gene LEAFY is expressed in reproductive and vegetative tissues. Brazilian Journal of Plant Physiology, 2004, 16, 105-114.	0.5	29
67	Structural Changes in Radish Seedlings Exposed to Cadmium. Biologia Plantarum, 2003, 46, 561-568.	1.9	63
68	Genetic transformation and plant recovery from mature tissues of Citrus sinensis L. Osbeck. Plant Science, 2003, 164, 203-211.	3.6	66
69	Agrobacterium-mediated transformation of Citrus sinensis and Citrus limonia epicotyl segments. Scientia Agricola, 2003, 60, 23-29.	1.2	31
70	Ultrasound-assisted extraction of Ca, K and Mg from in vitro citrus culture. Journal of the Brazilian Chemical Society, 2003, 14, 470-474.	0.6	19
71	In vitro organogenesis optimization and plantlet regeneration in Citrus sinensis and C. limonia. Scientia Agricola, 2002, 59, 35-40.	1.2	27
72	Optimization of a protocol for the micropropagation of pineapple. Revista Brasileira De Fruticultura, 2002, 24, 296-300.	0.5	31

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73	A genomic approach to elucidating grass flower development. <i>Genetics and Molecular Biology</i> , 2001, 24, 69-76.	1.3	7
74	Histological changes in banana explants, cv. Nanica (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
75	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
76	In vitro morphogenesis of Cucumis melo var. inodorus. <i>Plant Cell, Tissue and Organ Culture</i> , 2001, 65, 81-89.	2.3	27
77	Variações morfológicas de embriões somáticos obtidos a partir de inflorescências de bananeira. <i>Scientia Agricola</i> , 2001, 58, 711-716.	1.2	4
78	A novel approach for the definition of the inorganic medium components for micropropagation of yellow passionfruit (<i>Passiflora edulis</i> Sims. F. Flavicarpa Deg.). <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2000, 36, 527-531.	2.1	58
79	Organogenesis from internodal segments of yellow passion fruit. <i>Scientia Agricola</i> , 2000, 57, 661-665.	1.2	24
80	Regeneração in vitro de <i>Passiflora suberosa</i> a partir de discos foliares. <i>Scientia Agricola</i> , 2000, 57, 571-573.	1.2	20
81	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
82	A morphological and histological comparison of the initiation and development of pecan (<i>Carya</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3 2,4-dichlorophenoxyacetic acid. <i>Protoplasma</i> , 1998, 204, 71-83.	2.1	63
83	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
84	An overview of the Sixth International Conference on the Comparative Biology of Monocotyledons - Monocots VI - Natal, Brazil, 2018. <i>Rodriguesia</i> , 0, 72, .	0.9	0