

Lyderson Facio Viccini

List of Publications by Year in descending order

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Version: 2024-02-01

82
papers

1,290
citations

361413

20
h-index

434195

31
g-index

82
all docs

82
docs citations

82
times ranked

1742
citing authors

#	ARTICLE	IF	CITATIONS
1	Tissue-specific silencing of homoeologs in natural populations of the recent allopolyploid <i>Tragopogon mirus</i> . <i>New Phytologist</i> , 2010, 186, 175-183.	7.3	108
2	Biotechnological potential of antimicrobial peptides from flowers. <i>Peptides</i> , 2008, 29, 1842-1851.	2.4	80
3	Next-generation sequencing and genome evolution in allopolyploids. <i>American Journal of Botany</i> , 2012, 99, 372-382.	1.7	77
4	Ploidy stability of somatic embryogenesis-derived <i>Passiflora cincinnata</i> Mast. plants as assessed by flow cytometry. <i>Plant Cell, Tissue and Organ Culture</i> , 2010, 103, 71-79.	2.3	49
5	Light quality affects in vitro growth and essential oil profile in <i>Lippia alba</i> (Verbenaceae). <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2016, 52, 276-282.	2.1	48
6	In vitro induction of hexaploid plants from triploid hybrids of <i>Pennisetum purpureum</i> and <i>Pennisetum glaucum</i> . <i>Plant Breeding</i> , 2009, 128, 101-104.	1.9	43
7	Organogenesis from root explants of commercial populations of <i>Passiflora edulis</i> Sims and a wild passionfruit species, <i>P. cincinnata</i> Masters. <i>Plant Cell, Tissue and Organ Culture</i> , 2011, 107, 407-416.	2.3	39
8	Chromosome numbers in the genus <i>Lippia</i> (Verbenaceae). <i>Plant Systematics and Evolution</i> , 2005, 256, 171-178.	0.9	37
9	<i>Lippia alba</i> (Verbenaceae): A new tropical autopolyploid complex?. <i>American Journal of Botany</i> , 2014, 101, 1002-1012.	1.7	35
10	Induction of Synthetic Polyploids and Assessment of Genomic Stability in <i>Lippia alba</i> . <i>Frontiers in Plant Science</i> , 2020, 11, 292.	3.6	33
11	Cytogenotoxicity of <i>Cymbopogon citratus</i> (DC) Stapf (lemon grass) aqueous extracts in vegetal test systems. <i>Anais Da Academia Brasileira De Ciencias</i> , 2010, 82, 305-311.	0.8	32
12	Citral and linalool content has been correlated to DNA content in <i>Lippia alba</i> (Mill.) N.E. Brown (Verbenaceae). <i>Industrial Crops and Products</i> , 2014, 59, 14-19.	5.2	31
13	Karyotype analysis, DNA content and molecular screening in <i>Lippia alba</i> (Verbenaceae). <i>Anais Da Academia Brasileira De Ciencias</i> , 2011, 83, 993-1006.	0.8	30
14	High frequency of cytomixis observed at zygotene in tetraploid <i>Lippia alba</i> . <i>Plant Systematics and Evolution</i> , 2016, 302, 121-127.	0.9	29
15	Chromosome numbers and DNA C values in the genus <i>Lippia</i> (Verbenaceae). <i>Plant Systematics and Evolution</i> , 2011, 291, 133-140.	0.9	28
16	Genetic diversity among nine species of <i>Lippia</i> (Verbenaceae) based on RAPD Markers. <i>Plant Systematics and Evolution</i> , 2004, 246, 1-8.	0.9	24
17	Evolutionary trends in Iridaceae: new cytogenetic findings from the New World. <i>Botanical Journal of the Linnean Society</i> , 2015, 177, 27-49.	1.6	23
18	The effect of the essential oils from five different <i>Lippia</i> species on the viability of tumor cell lines. <i>Revista Brasileira De Farmacognosia</i> , 2013, 23, 895-902.	1.4	22

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19	Cytotoxicity of aluminum on meristematic cells of <i>Zea mays</i> and <i>Allium cepa</i> . <i>Caryologia</i> , 2003, 56, 65-73.	0.3	20
20	Karyotype, genome size, and in vitro chromosome doubling of <i>Pfaffia glomerata</i> (Spreng.) Pedersen. <i>Plant Cell, Tissue and Organ Culture</i> , 2014, 118, 45.	2.3	20
21	In vitro regeneration of triploid plants from mature endosperm culture of commercial passionfruit (<i>Passiflora ligularis</i>) Tj ETQq1 1 0.784314 rgBT /Overl 3.6	3.6	20
22	Analysis of the chemical composition of the essential oils extracted from <i>Lippia lacunosa</i> Mart. & Schauer and <i>Lippia rotundifolia</i> Cham. (Verbenaceae) by gas chromatography and gas chromatography-mass spectrometry. <i>Journal of the Brazilian Chemical Society</i> , 2008, 19, 1388-1393.	0.6	19
23	Elevated CO ₂ improves growth, modifies anatomy, and modulates essential oil qualitative production and gene expression in <i>Lippia alba</i> (Verbenaceae). <i>Plant Cell, Tissue and Organ Culture</i> , 2017, 128, 357-368.	2.3	18
24	In vitro propagation of endangered <i>Lippia filifolia</i> Mart. and <i>Lippia schaueri</i> Schauer. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2006, 42, 558-561.	2.1	17
25	Identification of Botryticidal Proteins with Similarity to NBS-LRR Proteins in Rosemary Pepper (<i>Lippia alba</i>) Tj ETQq1 1 0.784314 rgBT /Ove 1.6	1.6	17
26	Adjusting RT-qPCR conditions to avoid unspecific amplification in SARS-CoV-2 diagnosis. <i>International Journal of Infectious Diseases</i> , 2021, 102, 437-439.	3.3	16
27	Genome size evolution and chromosome numbers of species of the cryptanthoid complex (Bromelioideae, Bromeliaceae) in a phylogenetic framework. <i>Botanical Journal of the Linnean Society</i> , 2020, 192, 887-899.	1.6	15
28	Cytogenetic characterization of <i>Lippia alba</i> and <i>Lantana camara</i> (Verbenaceae) from Brazil. <i>Journal of Plant Research</i> , 2007, 120, 317-321.	2.4	14
29	Relationship between pollen morphology and chromosome numbers in Brazilian species of <i>Lippia</i> L. (Verbenaceae). <i>Anais Da Academia Brasileira De Ciencias</i> , 2013, 85, 147-157.	0.8	14
30	Conservation assessment of an extremely restricted bromeliad highlights the need for population-based conservation on granitic inselbergs of the Brazilian Atlantic Forest. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2014, 209, 250-259.	1.2	14
31	Photoperiod modulates growth, morphoanatomy, and linalool content in <i>Lippia alba</i> L. (Verbenaceae) cultured in vitro. <i>Plant Cell, Tissue and Organ Culture</i> , 2019, 139, 139-153.	2.3	14
32	Flora, germinação e estaquia em espécies de <i>Lippia</i> L. (Verbenaceae). <i>Revista Brasileira De Botanica</i> , 2007, 30, .	1.3	13
33	Chromosome banding and essential oils composition of Brazilian accessions of <i>Lippia alba</i> (Verbenaceae). <i>Biologia (Poland)</i> , 2009, 64, 711-715.	1.5	13
34	Water deficit modulates growth, morphology, and the essential oil profile in <i>Lippia alba</i> L. (Verbenaceae) grown in vitro. <i>Plant Cell, Tissue and Organ Culture</i> , 2020, 141, 55-65.	2.3	13
35	Oil production at different stages of leaf development in <i>Lippia alba</i> . <i>Revista Brasileira De Farmacognosia</i> , 2012, 22, 497-501.	1.4	13
36	Polyploidy, B chromosomes, and heterochromatin characterization of <i>Mimosa caesalpinifolia</i> Benth. (Fabaceae-Mimosoideae). <i>Tree Genetics and Genomes</i> , 2013, 9, 613-619.	1.6	12

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37	Isolated perfused udder model for transcriptome analysis in response to <i>Streptococcus agalactiae</i> . <i>Journal of Dairy Research</i> , 2019, 86, 307-314.	1.4	12
38	Cryopreservation of immature and mature seeds of Brazilian orchids of the genus <i>Cattleya</i> . <i>Scientia Horticulturae</i> , 2019, 256, 108603.	3.6	11
39	Cytotoxic and genotoxic activity of <i>Achillea millefolium</i> L., Asteraceae, aqueous extracts. <i>Revista Brasileira De Farmacognosia</i> , 2011, 21, 98-104.	1.4	10
40	Genetic relationships and polyploid origins in the <i>Lippia alba</i> complex. <i>American Journal of Botany</i> , 2020, 107, 466-476.	1.7	10
41	Antimicrobial peptide selection from <i>Lippia</i> spp leaf transcriptomes. <i>Peptides</i> , 2020, 129, 170317.	2.4	10
42	Analysis of gamma radiation-induced chromosome variations in maize (<i>Zea mays</i> L.). <i>Caryologia</i> , 2001, 54, 319-327.	0.3	9
43	Embriogênese somática em híbridos de <i>Pennisetum</i> sp. e avaliação de estabilidade genética por citometria. <i>Pesquisa Agropecuária Brasileira</i> , 2009, 44, 38-44.	0.9	9
44	Chemical composition of the essential oil and hexanic fraction of <i>Lippia</i> and <i>Lantana</i> species. <i>Revista Brasileira De Farmacognosia</i> , 2010, 20, 843-849.	1.4	9
45	Endosperm culture: a facile and efficient biotechnological tool to generate passion fruit (<i>Passiflora</i>) Tj ETQq1 1 0.784314 rgBJ /Overlo	2.3	9
46	Ipolamiide and fulvoipolamiide from <i>Stachytarpheta glabra</i> (Verbenaceae): A structural and spectroscopic characterization. <i>Journal of Molecular Structure</i> , 2008, 875, 27-31.	3.6	8
47	Genome size and climate segregation suggest distinct colonization histories of an orchid species from Neotropical high-elevation rocky complexes. <i>Biological Journal of the Linnean Society</i> , 2018, 124, 456-465.	1.6	8
48	Validation of reference genes for quantitative gene expression in the <i>Lippia alba</i> polyploid complex (Verbenaceae). <i>Molecular Biology Reports</i> , 2021, 48, 1037-1044.	2.3	8
49	Micropropagation, antinociceptive and antioxidant activities of extracts of <i>Verbena litoralis</i> Kunth (Verbenaceae). <i>Anais Da Academia Brasileira De Ciencias</i> , 2012, 84, 139-148.	0.8	8
50	Meiotic chromosomal variation resulting from irradiation of pollen in maize. <i>Journal of Applied Genetics</i> , 2002, 43, 463-9.	1.9	8
51	Karyological studies in Brazilian species of <i>Lippia</i> L. (Verbenaceae). <i>Anais Da Academia Brasileira De Ciencias</i> , 2012, 84, 1029-1037.	0.8	7
52	Salinity modulates growth, morphology, and essential oil profile in <i>Lippia alba</i> L. (Verbenaceae) grown in vitro. <i>Plant Cell, Tissue and Organ Culture</i> , 2020, 140, 593-603.	2.3	7
53	Population demography, genetic variation and reproductive biology of two rare and endangered <i>Neoregelia</i> species (Bromeliaceae). <i>Botanical Journal of the Linnean Society</i> , 2020, 192, 787-802.	1.6	7
54	The phytoecdysteroid Î²-ecdysone is genotoxic in Rodent Bone Marrow Micronuclei and <i>Allium cepa</i> L. Assays. <i>Journal of Ethnopharmacology</i> , 2016, 177, 81-84.	4.1	6

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55	Somatic embryogenesis induced from vascular tissues in leaf explants of <i>Lisianthus (Eustoma)</i> Tj ETQq1 1 0.784314 1.56 BT /Overlock 107	1.56	6
56	Anatomy, Flow Cytometry, and X-Ray Tomography Reveal Tissue Organization and Ploidy Distribution in Long-Term In Vitro Cultures of <i>Melocactus</i> Species. <i>Frontiers in Plant Science</i> , 2020, 11, 1314.	3.6	6
57	Chromosomal view of <i>Lippia alba</i> , a tropical polyploid complex under genome stabilization process. <i>Protoplasma</i> , 2022, 259, 33-46.	2.1	6
58	Flower-Visiting Insects and Phenology of <i>Lippia alba</i> (Lamiales: Verbenaceae): Floral Color Changes and Environmental Conditions as Cues for Pollinators. <i>Environmental Entomology</i> , 2016, 45, 685-693.	1.4	5
59	Novel avenues for passion fruit in vitro regeneration from endosperm culture, and morpho-agronomic and physiological traits of triploid <i>Passiflora cincinnata</i> Mast. emblings. <i>Plant Cell, Tissue and Organ Culture</i> , 0, , .	2.3	5
60	Mitodepressive and clastogenic effects of aqueous extracts of the lichens <i>Myelochroa lindmanii</i> and <i>Canoparmelia texana</i> (Lecanorales, Parmeliaceae) on meristematic cells in plant bioassays. <i>Genetics and Molecular Biology</i> , 2008, 31, 141-145.	1.3	4
61	ASSESSMENT OF GENETIC STABILITY OF MICROPROPAGATED <i>Eucalyptus globulus</i> Labill HYBRID CLONES BY MEANS OF FLOW CYTOMETRY AND MICROSATELLITES MARKERS. <i>Revista Arvore</i> , 2017, 41, .	0.5	4
62	Low cytomolecular diversification in the genus <i>Stylosanthes</i> Sw. (Papilionoideae, Leguminosae). <i>Genetics and Molecular Biology</i> , 2020, 43, e20180250.	1.3	4
63	Micropropagation, antinociceptive and antioxidant activities of extracts of <i>Verbena litoralis</i> Kunth (Verbenaceae). <i>Anais Da Academia Brasileira De Ciencias</i> , 2012, 84, 139-148.	0.8	4
64	Correlation of chemical composition and anticoagulant activity in different accessions of Brazilian <i>Lippia alba</i> (Verbenaceae). <i>Journal of Herbal Medicine</i> , 2022, 34, 100581.	2.0	4
65	Ethylene Responses and ACC oxidase Gene Expression in <i>Lippia alba</i> (Verbenaceae) Chemotypes with Varying Ploidy Levels. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2017, 53, 278-284.	2.1	3
66	Development of microsatellite markers for <i>Lippia alba</i> and related <i>Lippia</i> species. <i>Molecular Biology Reports</i> , 2020, 47, 4911-4915.	2.3	3
67	From endosperm to triploid plants: a stepwise characterization of the de novo shoot organogenesis and morpho-agronomic aspects of an ornamental passion fruit (<i>Passiflora foetida</i> L.). <i>Plant Cell, Tissue and Organ Culture</i> , 2021, 147, 239-253.	2.3	3
68	RESPOSTA DE SEMENTES DE MILHO À RADIAÇÃO GAMA EM FUNÇÃO DO TEOR DE ÁGUA. <i>Bragantia</i> , 1997, 56, 01-07.	1.3	3
69	Contributions to cytogenetics of <i>Plectranthus barbatus</i> Andr. (Lamiaceae): a medicinal plant. <i>Comparative Cytogenetics</i> , 2015, 9, 451-463.	0.8	3
70	Assessment of the Photoprotective Activity of <i>Lippia</i> Species from Brazil and Their use as Single UV Filters in Sunscreens. <i>Journal of Young Pharmacists</i> , 2015, 7, 368-372.	0.2	3
71	Maize Chromosome 6 Deficiency Identified by Image Analysis.. <i>Cytologia</i> , 2000, 65, 71-73.	0.6	2
72	Induction of maize chromosome altered plants by seeds irradiation pre-soaked in metronidazole. <i>Caryologia</i> , 2004, 57, 79-87.	0.3	2

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73	Meiotic analysis of two putative polyploid species of Verbenaceae from Brazil. <i>Caryologia</i> , 2005, 58, 315-319.	0.3	2
74	rDNA mapping, heterochromatin characterization and AT/GC content of <i>Agapanthus africanus</i> (L.) Hoffmanns (Agapanthaceae). <i>Anais Da Academia Brasileira De Ciencias</i> , 2016, 88, 1727-1734.	0.8	2
75	Deciphering ploidal levels of <i>Lippia alba</i> by using proteomics. <i>Plant Physiology and Biochemistry</i> , 2021, 167, 385-389.	5.8	2
76	THE RADIO SENSITIZING EFFECT OF METRONIDAZOLE IN MAIZE. <i>Bragantia</i> , 1997, 56, 255-261.	1.3	2
77	Aneuploids and its increment on diversity of <i>Lippia alba</i> polyploid complex: genetic aspects and origin. <i>Molecular Biology Reports</i> , 2022, 49, 7743-7752.	2.3	2
78	Botanical aspects of <i>Heteropterys umbellata</i> (Malpighiaceae): a cytological and palynological approach. <i>Anais Da Academia Brasileira De Ciencias</i> , 2010, 82, 868-879.	0.8	1
79	An increment in the <i>Duranta repens</i> L. (Verbenaceae) knowledge: DNA content, karyology, meiosis and palynology. <i>Caryologia</i> , 2011, 64, 110-116.	0.3	1
80	Genome size and chromosome number conservation contrasting with karyotype diversity in <i>Hohenbergia</i> (Bromelioideae, Bromeliaceae). <i>Botanical Journal of the Linnean Society</i> , 2020, 192, 900-909.	1.6	1
81	Shining light on anther culture, a poorly understood regeneration route in passion fruit (<i>Passiflora</i>) Tj ETQq1 1 0.784314 rgBT /Overlo Developmental Biology - Plant, 0, , 1.	2.1	1
82	Cytogenetic characterization of <i>Aloysia virgata</i> Ruiz and Pavan (Verbenaceae). <i>Brazilian Archives of Biology and Technology</i> , 2009, 52, 893-899.	0.5	0