

Milton Groppo

List of Publications by Year in descending order

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Version: 2024-02-01

101
papers

3,129
citations

257450

24
h-index

189892

50
g-index

103
all docs

103
docs citations

103
times ranked

3850
citing authors

#	ARTICLE	IF	CITATIONS
1	Growing knowledge: an overview of Seed Plant diversity in Brazil. <i>Rodriguesia</i> , 2015, 66, 1085-1113.	0.9	1,032
2	Brazilian Flora 2020: Innovation and collaboration to meet Target 1 of the Global Strategy for Plant Conservation (GSPC). <i>Rodriguesia</i> , 2018, 69, 1513-1527.	0.9	398
3	Antimicrobial Activity of <i>Rosmarinus officinalis</i> against Oral Pathogens: Relevance of Carnosic Acid and Carnosol. <i>Chemistry and Biodiversity</i> , 2010, 7, 1835-1840.	2.1	160
4	Phylogeny of Rutaceae based on two noncoding regions from cpDNA. <i>American Journal of Botany</i> , 2008, 95, 985-1005.	1.7	134
5	Phylogeny and biogeography of the pantropical genus <i>Zanthoxylum</i> and its closest relatives in the proto-Rutaceae group (Rutaceae). <i>Molecular Phylogenetics and Evolution</i> , 2018, 126, 31-44.	2.7	72
6	Brazilian Flora 2020: Leveraging the power of a collaborative scientific network. <i>Taxon</i> , 2022, 71, 178-198.	0.7	68
7	Schistosomicidal Activity of the Essential Oil of <i>Ageratum conyzoides</i> L. (Asteraceae) against Adult <i>Schistosoma mansoni</i> Worms. <i>Molecules</i> , 2011, 16, 762-773.	3.8	64
8	Chilean <i>Pitavia</i> more closely related to Oceania and Old World Rutaceae than to Neotropical groups: evidence from two cpDNA non-coding regions, with a new subfamilial classification of the family. <i>PhytoKeys</i> , 2012, 19, 9-29.	1.0	56
9	Chemical Composition and <i>in vitro</i> Schistosomicidal Activity of the Essential Oil of <i>Plectranthus neochilus</i> Grown in Southeast Brazil. <i>Chemistry and Biodiversity</i> , 2011, 8, 2149-2157.	2.1	51
10	Increasing atmospheric CO ₂ and canopy temperature induces anatomical and physiological changes in leaves of the C ₄ forage species <i>Panicum maximum</i> . <i>PLoS ONE</i> , 2019, 14, e0212506.	2.5	46
11	<i>Dalbergia ecastaphyllum</i> (L.) Taub. and <i>Symphonia globulifera</i> L.f.: The Botanical Sources of Isoflavonoids and Benzophenones in Brazilian Red Propolis. <i>Molecules</i> , 2020, 25, 2060.	3.8	45
12	Plant-derived essential oils affecting settlement and oviposition of <i>Bemisia tabaci</i> (Genn.) biotype B on tomato. <i>Journal of Pest Science</i> , 2013, 86, 301-308.	3.7	42
13	Antileishmanial Activity of the Hydroalcoholic Extract of <i>Miconia langsdorffii</i> , Isolated Compounds, and Semi-Synthetic Derivatives. <i>Molecules</i> , 2011, 16, 1825-1833.	3.8	41
14	Effect of hydroalcoholic extract from <i>Copaifera langsdorffii</i> leaves on urolithiasis induced in rats. <i>Urological Research</i> , 2012, 40, 475-481.	1.5	39
15	Spatiotemporal distribution of floral resources in a Brazilian city: Implications for the maintenance of pollinators, especially bees. <i>Urban Forestry and Urban Greening</i> , 2014, 13, 689-696.	5.3	38
16	Bioactivity of <i>Pelargonium graveolens</i> essential oil and related monoterpenoids against sweet potato whitefly, <i>Bemisia tabaci</i> biotype B. <i>Journal of Pest Science</i> , 2015, 88, 191-199.	3.7	37
17	A new subfamily classification of the <i>Citrus</i> family (Rutaceae) based on six nuclear and plastid markers. <i>Taxon</i> , 2021, 70, 1035-1061.	0.7	35
18	Antimicrobial Activity of the Essential Oil of <i>Plectranthus neochilus</i> against Cariogenic Bacteria. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-6.	1.2	34

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19	Chemical Composition, Antibacterial, Schistosomicidal, and Cytotoxic Activities of the Essential Oil of <i>Dysphania ambrosioides</i> (L.) Mosyakin & Clemants (Chenopodiaceae). <i>Chemistry and Biodiversity</i> , 2017, 14, e1700149.	2.1	31
20	Brazil's government attacks biodiversity. <i>Science</i> , 2018, 360, 865-865.	12.6	31
21	Schistosomicidal evaluation of flavonoids from two species of <i>Styrax</i> against <i>Schistosoma mansoni</i> adult worms. <i>Pharmaceutical Biology</i> , 2012, 50, 925-929.	2.9	29
22	In vitro schistosomicidal effects of the essential oil of <i>Tagetes erecta</i> . <i>Revista Brasileira De Farmacognosia</i> , 2012, 22, 88-93.	1.4	27
23	Chemical composition, antischistosomal and cytotoxic effects of the essential oil of <i>Lavandula angustifolia</i> grown in Southeastern Brazil. <i>Revista Brasileira De Farmacognosia</i> , 2013, 23, 877-884.	1.4	25
24	Antimicrobial activity of selected essential oils against cariogenic bacteria. <i>Natural Product Research</i> , 2013, 27, 1668-1672.	1.8	25
25	Antibacterial and anti-inflammatory activities of an extract, fractions, and compounds isolated from <i>Gochnatia pulchra</i> aerial parts. <i>Brazilian Journal of Medical and Biological Research</i> , 2015, 48, 822-830.	1.5	25
26	Antidiabetic and Antilipidemic Effects of <i>Manilkara zapota</i> . <i>Journal of Medicinal Food</i> , 2015, 18, 385-391.	1.5	25
27	Anthelmintic Effects of the Essential Oil of Fennel (<i>Foeniculum vulgare</i> Mill.) Tj ETQq1 1 0.784314 rgBT / Qyerlock 2.1 22	2.1	22
28	Schistosomicidal Activity of Alkyl-phenols from the Cashew <i>Anacardium occidentale</i> against <i>Schistosoma mansoni</i> Adult Worms. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 8821-8827.	5.2	22
29	Chemical Composition and Antimicrobial Activity of the Essential Oil of <i>Artemisia absinthium</i> Asteraceae Leaves. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2017, 20, 123-131.	1.9	21
30	Cyclooxygenase inhibitory properties of <i>nor</i> -neolignans from <i>Styrax pohlii</i> . <i>Natural Product Research</i> , 2012, 26, 2323-2329.	1.8	20
31	Chemical composition and in vitro schistosomicidal activity of the essential oil from the flowers of <i>Bidens sulphurea</i> (Asteraceae). <i>Natural Product Research</i> , 2013, 27, 920-924.	1.8	20
32	<i>Annona</i> sp: Plants with Multiple Applications as Alternative Medicine - A Review. <i>Current Bioactive Compounds</i> , 2012, 8, 277-286.	0.5	18
33	In Vitro Schistosomicidal Activity of Some Brazilian Cerrado Species and Their Isolated Compounds. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-8.	1.2	17
34	Almeida A. St.-Hil. Belongs to <i>Conchocarpus</i> J.C. Mikan (Galipeinae, Rutaceae): Evidence from Morphological and Molecular Data, with a First Analysis of Subtribe Galipeinae. <i>PLoS ONE</i> , 2015, 10, e0125650.	2.5	17
35	Iron chelating-mediated antioxidant activity of <i>Plectranthus barbatus</i> extract on mitochondria. <i>Food Chemistry</i> , 2010, 122, 203-208.	8.2	14
36	Floral developmental morphology of three <i>Indigofera</i> species (Leguminosae) and its systematic significance within <i>Papilionoideae</i> . <i>Plant Systematics and Evolution</i> , 2011, 292, 165-176.	0.9	14

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37	Synonymy of <i>Hortia arborea</i> with <i>H. brasiliana</i> (Rutaceae) and a new species from Brazil. <i>Brittonia</i> , 2005, 57, 28-34.	0.2	13
38	Antibacterial evaluation of <i>Styrax pohlii</i> and isolated compounds. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2013, 49, 653-658.	1.2	13
39	Insights Into the Ecological Role of <i>Pseudomonas</i> spp. in an Ant-plant Symbiosis. <i>Frontiers in Microbiology</i> , 2021, 12, 621274.	3.5	13
40	<i>Kuhlmanniodendron Fiaschi & Groppo</i> , a new eastern Brazilian genus of Achariaceae sensu lato segregated from <i>Carpotroche</i> Endl. (formerly included in Flacourtiaceae). <i>Botanical Journal of the Linnean Society</i> , 2008, 157, 103-109.	1.6	11
41	Development and validation of a high-performance liquid chromatography method for quantification of egonol and homoegonol in <i>Styrax</i> species. <i>Biomedical Chromatography</i> , 2012, 26, 869-874.	1.7	11
42	Chemosensitizing Effect of Cernumidine Extracted from <i>Solanum cernuum</i> on Bladder Cancer Cells <i>in Vitro</i> . <i>Chemistry and Biodiversity</i> , 2019, 16, e1900334.	2.1	11
43	Evolution of phytochemical diversity in <i>Pilocarpus</i> (Rutaceae). <i>Phytochemistry</i> , 2019, 163, 132-146.	2.9	11
44	Phylogeny and circumscription of <i>Dasyphyllum</i> (Asteraceae: Barnadesioideae) based on molecular data with the recognition of a new genus, <i>Archidasyphyllum</i> . <i>PeerJ</i> , 2019, 7, e6475.	2.0	11
45	A Revision of <i>Hortia</i> (Rutaceae). <i>Systematic Botany</i> , 2012, 37, 197-212.	0.5	10
46	A New Species of <i>Maytenus</i> (Celastraceae) with Fleshy Fruits from Eastern Brazil, with Notes on the Delimitation of <i>Maytenus</i> . <i>Systematic Botany</i> , 2014, 39, 478-484.	0.5	10
47	Genetic diversity of <i>Metrodorea nigra</i> (Rutaceae) from a small forest remnant in Brazil assessed with microsatellite markers. <i>Genetics and Molecular Research</i> , 2012, 11, 10-16.	0.2	10
48	Levantamento florístico das espécies de ervas, subarbustos, lianas e hemiepífitas da mata da Reserva da Cidade Universitária "Armando Salles de Oliveira", São Paulo, SP, Brasil. <i>Boletim De Botânica</i> , 2005, 23, 141.	0.2	9
49	Comparative effects of lantadene A and its reduced metabolite on mitochondrial bioenergetics. <i>Toxicon</i> , 2010, 55, 1331-1337.	1.6	9
50	A new species of <i>Almeidea</i> (Galipeinae, Galipeeae, Rutaceae) from Eastern Brazil. <i>Brittonia</i> , 2011, 63, 281-285.	0.2	9
51	Caffeic acid ester derivatives and flavonoids of genus <i>Arnaldoa</i> (Asteraceae, Barnadesioideae). <i>Biochemical Systematics and Ecology</i> , 2019, 86, 103911.	1.3	9
52	Antiplasmodial evaluation of <i>Anacardium occidentale</i> and alkyl-phenols. <i>Revista Brasileira De Farmacognosia</i> , 2019, 29, 36-39.	1.4	9
53	Future warming will change the chemical composition and leaf blade structure of tropical C3 and C4 forage species depending on soil moisture levels. <i>Science of the Total Environment</i> , 2022, 821, 153342.	8.0	9
54	Target sequence capture of Barnadesioideae (Compositae) demonstrates the utility of low coverage loci in phylogenomic analyses. <i>Molecular Phylogenetics and Evolution</i> , 2022, 169, 107432.	2.7	9

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55	Creating Rich Metadata in the TV Broadcast Archives Environment: The PrestoSpace Project. , 2006, , .		8
56	Two new species and a new combination in <i>Conchocarpus</i> (Rutaceae, Galipeeae) from eastern Brazil. <i>Kew Bulletin</i> , 2011, 66, 521-527.	0.9	8
57	A tree nymph of the Brazilian Atlantic Forest: <i>Dryades</i> (Galipeinae, Rutaceae), a new neotropical genus segregated from <i>Conchocarpus</i> . <i>Molecular Phylogenetics and Evolution</i> , 2021, 154, 106971.	2.7	8
58	Dihydrocinnamic acid derivatives from <i>Hortia</i> species and their chemotaxonomic value in the Rutaceae. <i>Biochemical Systematics and Ecology</i> , 2012, 43, 142-151.	1.3	7
59	Activity of the Lichen <i>Usnea steineri</i> and its Major Metabolites against Gramâ€“positive, Multidrugâ€“resistant Bacteria. <i>Natural Product Communications</i> , 2016, 11, 1934578X1601100.	0.5	7
60	A new species of <i>Zanthoxylum</i> (Rutaceae) with a key to the species from Northeastern Brazil. <i>Phytotaxa</i> , 2017, 314, 259.	0.3	7
61	Pollen morphology of species of <i>Hortia</i> (Rutaceae). <i>Revista Brasileira De Botanica</i> , 2010, 33, 13-20.	1.3	7
62	Does landscape context affect pollination-related functional diversity and richness of understory flowers in forest fragments of Atlantic Rainforest in southeastern Brazil?. <i>Ecological Processes</i> , 2020, 9, .	3.9	7
63	New Synonyms in <i>Hortia</i> and <i>Dictyloma</i> (Rutaceae), with Validation of the Name <i>Hortia badinii</i> . <i>Novon</i> , 2010, 20, 163-165.	0.3	6
64	<p>Rock star flowers: <p></p>. <i>Phytotaxa</i> , 2019, 422, 75-92.	0.3	6
65	Metabolomics and chemophenetics support the new taxonomy circumscription of two South America genera (Barnadesioideae, Asteraceae). <i>Phytochemistry Letters</i> , 2020, 40, 89-95.	1.2	6
66	Pulvinus or not pulvinus, that is the question: anatomical features of the petiole in the Citrus family (Rutaceae, Sapindales). <i>Revista Brasileira De Botanica</i> , 2022, 45, 485-496.	1.3	6
67	A review of systematics studies in the Citrus family (Rutaceae, Sapindales), with emphasis on American groups. <i>Revista Brasileira De Botanica</i> , 2022, 45, 181-200.	1.3	6
68	Antischistosomal and Cytotoxic Effects of the Essential Oil of <i>Tetradenia riparia</i> (Lamiaceae). <i>Natural Product Communications</i> , 2015, 10, 1934578X1501000.	0.5	5
69	Flora da Serra do CipÃ³, Minas Gerais: Aquifoliaceae. <i>Boletim De BotÃ¢nica</i> , 2005, 23, 257.	0.2	4
70	Placement of <i>Kuhlmanniodendron Fiaschi</i> & Groppo in Lindackerieae (Achariaceae, Malpighiales) confirmed by analyses of rbcL sequences, with notes on pollen morphology and wood anatomy. <i>Plant Systematics and Evolution</i> , 2010, 286, 27-37.	0.9	4
71	Disposition of two names in <i>Almeidea</i> (Rutaceae). <i>Acta Botanica Brasilica</i> , 2010, 24, 1107-1111.	0.8	3
72	Inhibiting effect of <i>Dorstenia asaroides</i> extracts on cariogenic properties of <i>Streptococcus mutans</i> . <i>Anaerobe</i> , 2012, 18, 31-36.	2.1	3

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73	A New Species of <i>Kuhlmanniodendron</i> (Lindackerieae, Achariaceae) from Eastern Brazil and the Systematic Position of the Genus in Achariaceae. <i>Systematic Botany</i> , 2013, 38, 162-171.	0.5	3
74	The ethanolic extract of <i>Terminalia argentea</i> Mart. & Zucc. bark reduces the inflammation through the modulation of cytokines and nitric oxide mediated by the downregulation of NF- κ B. <i>Journal of Ethnopharmacology</i> , 2020, 261, 113150.	4.1	3
75	A Revision of <i>Conchocarpus</i> with Pantocolporate Pollen Grains: The Almeida Group (Galipeinae, Rutaceae). <i>Systematic Botany</i> , 2021, 46, 375-388.	0.5	3
76	Touch me carefully: a step towards understanding morphological diversity in the South American spiny sunflowers (Compositae, Barnadesioideae). <i>Phytotaxa</i> , 2021, 518, 109-142.	0.3	3
77	<i>Ilex prostrata</i> (Aquifoliaceae): A New Species from Minas Gerais, Brazil. <i>Kew Bulletin</i> , 2002, 57, 979.	0.9	2
78	A new species of <i>Ilex</i> (Aquifoliaceae) from Espinha�so Range, Bahia, Brazil. <i>Botanical Journal of the Linnean Society</i> , 2007, 155, 153-156.	1.6	2
79	Lectotypification and Synonymy in <i>Hortia</i> (Rutaceae). <i>Novon</i> , 2008, 18, 48-49.	0.3	2
80	Distribution and Conservation of <i>Davilla</i> (Dilleniaceae) in Brazilian Atlantic Forest Using Ecological Niche Modeling. <i>International Journal of Ecology</i> , 2014, 2014, 1-11.	0.8	2
81	A GC-FID Validated Method for the Quality Control of <i>Eucalyptus globulus</i> Raw Material and its Pharmaceutical Products, and GC-MS Fingerprinting of 12 <i>Eucalyptus</i> Species. <i>Natural Product Communications</i> , 2014, 9, 1934578X1400901.	0.5	2
82	Ligand screening assay for the enzyme kallikrein immobilized on NHS-activated Sepharose. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 199, 114026.	2.8	2
83	Trypanocidal Activity of <i>Dysphania ambrosioides</i> , <i>Lippia alba</i> , and <i>Tetradenia riparia</i> Essential Oils against <i>Trypanosoma cruzi</i> . <i>Chemistry and Biodiversity</i> , 2021, 18, e2100678.	2.1	2
84	In vitro evaluation of the leishmanicidal potential of selected plant-derived extracts against <i>Leishmania (Leishmania) amazonensi</i> . <i>International Journal of Complementary & Alternative Medicine</i> , 2019, 12, 36-41.	0.1	2
85	<i>Eucalyptus botryoides</i> resin and its new 2- <i>O</i> -galloyl-1,6- <i>O</i> -di- <i>trans</i> - <i>p</i> -coumaroyl- β -D-glycopyranoside compound display good antimicrobial activity. <i>Natural Product Research</i> , 2023, 37, 618-627.	1.8	2
86	<i>Rudgea agresteophila</i> and <i>R. hileiabaiana</i> (Palicoureeae, Rubiaceae): two new species from eastern Bahia, Brazil. <i>Phytotaxa</i> , 2015, 202, 289.	0.3	1
87	Flora da Serra do Cip�, Minas Gerais: Celastraceae Sensu Lato. <i>Boletim De Bot�nica</i> , 2015, 33, 15.	0.2	1
88	<i>Simira robusta</i> (Rubiaceae, Condamineae), a new species from the Atlantic Rainforest of south-eastern Brazil. <i>Phytotaxa</i> , 2017, 299, 118.	0.3	1
89	<i>Conchocarpus kallunkiae</i> (Rutaceae: Galipeinae), a new endemic species from the tropical rainforest in the Magdalena River Valley in Colombia. <i>Brittonia</i> , 0, 1.	0.2	1
90	Phenolic Profiling of Medicinal Species of <i>Chuquiraga</i> , Asteraceae, by HPLC Fingerprinting. <i>Revista Brasileira De Farmacognosia</i> , 2021, 31, 689-697.	1.4	1

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91	CHECK-LIST DE SAPINDACEAE (ANGIOSPERMAE) DO ESTADO DE MATO GROSSO DO SUL, BRASIL. Iheringia - Serie Botanica, 2018, 73, 342-347.	0.1	1
92	Flora do Parque Estadual do Ibitipoca, Minas Gerais, Brasil: Aquifoliaceae. Rodriguesia, 0, 70, .	0.9	1
93	Molecular cytogenetics of <i>Dictyoloma vandellianum</i> A. Juss. and the ancestral karyotype of Rutaceae. Acta Botanica Brasilica, 2021, 35, 582-588.	0.8	1
94	Parasites on the spot: the rediscovery of a presumably extinct Apodanthaceae in São Paulo state, Brazil. Check List, 2017, 13, 2028.	0.4	0
95	NextGen VOICES: Submit Now. Science, 2018, 360, 865-865.	12.6	0
96	Rising CO2 in the field does not offset warming or drought constraints on leaf growth of a C3 forage. Experimental Agriculture, 2020, 56, 265-279.	0.9	0
97	ANTI-ESQUISTOSSOMICIDA TRITERPENO LUPANO DI-HIDROXILADO ISOLADO DE STRUTHANTHUS SIRINGIFOLIUS MART. (LORANTHACEAE) / ANTI-SCHISTOSOMIASIS DIHYDROXYLATED LUPANE TRITERPENOID ESTER FROM STRUTHANTHUS SYRINGIFOLIUS MART. (LORANTHACEAE). Brazilian Journal of Development, 2021, 7, 12148-12159.	0.1	0
98	Editorial: Towards a new Acta Botanica Brasilica. Acta Botanica Brasilica, 2011, 25, 733-734.	0.8	0
99	Chronic treatment with hydroalcoholic extract of <i>Plathymenia reticulata</i> promotes islet hyperplasia and improves glycemic control in diabetic rats. Einstein (Sao Paulo, Brazil), 2019, 17, eAO4635.	0.7	0
100	Typification of the two <i>Arariba</i> names published by Martius and of the two <i>Pinckneya</i> names published by Allemão & Saldanha, synonymous with the names of two species of <i>Simira</i> (Rubiaceae, Condamineae)	0.3	0
101	ATLANTIC POLLINATION: a data set of flowers and interaction with nectar-feeding vertebrates from the Atlantic Forest. Ecology, 2021, , e03595.	3.2	0