

Andr © Lu -s de Gasper

List of Publications by Year in descending order

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Version: 2024-02-01

81
papers

4,125
citations

430874

18
h-index

138484

58
g-index

86
all docs

86
docs citations

86
times ranked

7387
citing authors

#	ARTICLE	IF	CITATIONS
1	A community-derived classification for extant lycophytes and ferns. <i>Journal of Systematics and Evolution</i> , 2016, 54, 563-603.	3.1	1,040
2	TRY plant trait database – enhanced coverage and open access. <i>Global Change Biology</i> , 2020, 26, 119-188.	9.5	1,038
3	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
4	Climatic controls of decomposition drive the global biogeography of forest-tree symbioses. <i>Nature</i> , 2019, 569, 404-408.	27.8	371
5	sPlot – A new tool for global vegetation analyses. <i>Journal of Vegetation Science</i> , 2019, 30, 161-186.	2.2	185
6	The erosion of biodiversity and biomass in the Atlantic Forest biodiversity hotspot. <i>Nature Communications</i> , 2020, 11, 6347.	12.8	81
7	A classification for Blechnaceae (Polypodiales: Polypodiopsida): New genera, resurrected names, and combinations. <i>Phytotaxa</i> , 2016, 275, 191.	0.3	69
8	Inventário florístico florestal de Santa Catarina (IFFSC): aspectos metodológicos e operacionais. <i>Pesquisa Florestal Brasileira</i> , 2010, 30, 291-302.	0.1	64
9	Ethnobotanical study of plants used for therapeutic purposes in the Atlantic Forest region, Southern Brazil. <i>Journal of Ethnopharmacology</i> , 2015, 164, 136-146.	4.1	62
10	sPlotOpen – An environmentally balanced, open access, global dataset of vegetation plots. <i>Global Ecology and Biogeography</i> , 2021, 30, 1740-1764.	5.8	49
11	Molecular phylogeny of the fern family Blechnaceae (Polypodiales) with a revised genus-level treatment. <i>Cladistics</i> , 2017, 33, 429-446.	3.3	45
12	Global fern and lycophyte richness explained: How regional and local factors shape plot richness. <i>Journal of Biogeography</i> , 2020, 47, 59-71.	3.0	40
13	Inventário florístico florestal de Santa Catarina: espécies da Floresta Ombrófila Mista. <i>Rodriguesia</i> , 2013, 64, 201-210.	0.9	39
14	<sc>ATLANTIC EPIPHYTES</sc>: a data set of vascular and nonvascular epiphyte plants and lichens from the Atlantic Forest. <i>Ecology</i> , 2019, 100, e02541.	3.2	38
15	Composição química e avaliação da atividade antimicrobiana do óleo essencial das folhas de <i>Piper malacophyllum</i> (C. Presl.) C. DC.. <i>Química Nova</i> , 2012, 35, 477-481.	0.3	34
16	Targeted Isolation of Monoterpene Indole Alkaloids from <i>Palicourea sessilis</i> . <i>Journal of Natural Products</i> , 2017, 80, 3032-3037.	3.0	31
17	Quality Control of Herbal Medicines: From Traditional Techniques to State-of-the-art Approaches. <i>Planta Medica</i> , 2021, 87, 964-988.	1.3	28
18	Structure of mixed ombrophylous forests with <i>Araucaria angustifolia</i> (Araucariaceae) under external stress in Southern Brazil. <i>Revista De Biologia Tropical</i> , 2011, 59, 1371-87.	0.4	27

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19	Insights from a large-scale inventory in the southern Brazilian Atlantic Forest. <i>Scientia Agricola</i> , 2020, 77, .	1.2	24
20	EpIGá€DB: A database of vascular epiphyte assemblages in the Neotropics. <i>Journal of Vegetation Science</i> , 2020, 31, 518-528.	2.2	22
21	Climate-related variables and geographic distance affect fern species composition across a vegetation gradient in a shrinking hotspot. <i>Plant Ecology and Diversity</i> , 2015, 8, 25-35.	2.4	20
22	Chemical characterization of essential oils from <i>Drimys angustifolia</i> miers (Winteraceae) and antibacterial activity of their major compounds. <i>Journal of the Brazilian Chemical Society</i> , 2013, 24, 164-170.	0.6	18
23	The use of chemometrics to study multifunctional indole alkaloids from <i>Psychotria nemorosa</i> (<i>Palicourea</i> comb. nov.). Part II: Indication of peaks related to the inhibition of butyrylcholinesterase and monoamine oxidase-A. <i>Journal of Chromatography A</i> , 2016, 1463, 71-80.	3.7	18
24	Human impacts as the main driver of tropical forest carbon. <i>Science Advances</i> , 2022, 8, .	10.3	18
25	Antioxidant and antidepressant-like effects of <i>Eugenia catharinensis</i> D. Legrand in an animal model of depression induced by corticosterone. <i>Metabolic Brain Disease</i> , 2018, 33, 1985-1994.	2.9	17
26	Inventário de <i>Dicksonia sellowiana</i> Hook. em Santa Catarina. <i>Acta Botanica Brasilica</i> , 2011, 25, 776-784.	0.8	16
27	The use of chemometrics to study multifunctional indole alkaloids from <i>Psychotria nemorosa</i> (<i>Palicourea</i> comb. nov.). Part I: Extraction and fractionation optimization based on metabolic profiling. <i>Journal of Chromatography A</i> , 2016, 1463, 60-70.	3.7	16
28	Bioactive Azepine-Indole Alkaloids from <i>Psychotria nemorosa</i> . <i>Journal of Natural Products</i> , 2020, 83, 852-863.	3.0	16
29	The family Blechnaceae (Polypodiopsida) in Brazil: key to the genera and taxonomic treatment of <i>Austroblechnum</i> , <i>Cranfillia</i> , <i>Lomaridium</i> , <i>Neoblechnum</i> and <i>Telmatoblechnum</i> for southern and southeastern Brazil. <i>Phytotaxa</i> , 2017, 303, 1.	0.3	15
30	Brazilian herbaria: an overview. <i>Acta Botanica Brasilica</i> , 2020, 34, 352-359.	0.8	15
31	Climate affects the structure of mixed rain forest in southern sector of Atlantic domain in Brazil. <i>Acta Oecologica</i> , 2016, 77, 109-117.	1.1	14
32	Inventário Florístico Florestal de Santa Catarina: espécies da Floresta Estacional Decidual. <i>Rodriguesia</i> , 2013, 64, 427-443.	0.9	14
33	Lycophyta e samambaias do Parque Nacional da Serra do Itajaí, Vale do Itajaí, SC, Brasil. <i>Hoehnea (revista)</i> , 2010, 37, 755-767.	0.2	13
34	Toxicological profile and acetylcholinesterase inhibitory potential of <i>Palicourea deflexa</i> , a source of β -carboline alkaloids. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2017, 201, 44-50.	2.6	12
35	Floristic and Forest Inventory of Santa Catarina: species of evergreen rainforest. <i>Rodriguesia</i> , 2014, 65, 807-816.	0.9	12
36	FLORESTA OMBRÃO“FILA DENSE DE SANTA CATARINA - BRASIL: AGRUPAMENTO E ORDENAÃO“FO BASEADOS EM AMOSTRAGEM SISTEMÁTICA. <i>Ciencia Florestal</i> , 2015, 25, 933-946.	0.3	12

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37	Antibacterial activity of high safrole contain essential oils from <i>Piper xylosteoides</i> (Kunth) Steudel. Journal of Essential Oil Research, 2012, 24, 241-244.	2.7	11
38	Secondary subtropical Atlantic forests shelter a surprising number of rare tree species: outcomes of an assessment using spatially unbiased data. Biodiversity and Conservation, 2019, 28, 751-768.	2.6	10
39	Modelling changes in forest attributes driven by human activities at different spatial scales in the subtropical Atlantic Forest. Biodiversity and Conservation, 2020, 29, 1283-1299.	2.6	10
40	Pteridófitas de Santa Catarina: um olhar sobre os dados do Inventário Florístico Florestal de Santa Catarina, Brasil. Acta Botanica Brasilica, 2012, 26, 421-434.	0.8	9
41	Espécies raras e comuns de Myrtaceae da Floresta Estacional Decidual de Santa Catarina, Brasil. Rodriguesia, 2014, 65, 767-776.	0.9	9
42	The fern genera Lomaria, Lomariocycas, and Parablechnum (Blechnaceae, Polypodiopsida) in southern and southeastern Brazil. Phytotaxa, 2018, 362, 245.	0.3	9
43	Structure and diversity of the <i>Araucaria</i> forest in southern Brazil: biotic homogenisation hinders the recognition of floristic assemblages related to altitude. Southern Forests, 2019, 81, 297-305.	0.7	9
44	Expected impacts of climate change on tree ferns distribution and diversity patterns in subtropical Atlantic Forest. Perspectives in Ecology and Conservation, 2021, 19, 369-378.	1.9	9
45	Structure of mixed ombrophylous forests with <i>Araucaria angustifolia</i> (Araucariaceae) under external stress in Southern Brazil. Revista De Biologia Tropical, 2011, .	0.4	7
46	Environmental factors affect population structure of tree ferns in the Brazilian subtropical Atlantic Forest. Acta Botanica Brasilica, 2020, 34, 204-213.	0.8	7
47	Dr. Roberto Miguel Klein Herbarium (FURB), Blumenau, Southern Brazil. PhytoKeys, 2014, 42, 21-37.	1.0	6
48	Essential oils from leaves of <i>Vernonanthura montevidensis</i> (Spreng.) H. Rob.: chemical profile and antimollicute potential. Natural Product Research, 2020, , 1-6.	1.8	6
49	Phenolic compounds of <i>Eugenia involucrata</i> (Myrtaceae) extracts and associated antioxidant and inhibitory effects on acetylcholinesterase and β -glucosidase. Natural Product Research, 2022, 36, 1134-1137.	1.8	6
50	FITOSSOCIOLOGIA DE FRAGMENTOS DE FLORESTA ESTACIONAL DECIDUAL NO ESTADO DE SANTA CATARINA – BRASIL. Ciencia Florestal, 2014, 24, 821-831.	0.3	6
51	Improving collection efforts to avoid loss of biodiversity: lessons from comprehensive sampling of lycophytes and ferns in the subtropical Atlantic Forest. Acta Botanica Brasilica, 2016, 30, 166-175.	0.8	5
52	Insights for selecting the most suitable nonparametric species-richness estimators for subtropical Brazilian Atlantic Forests. Revista Brasileira De Botanica, 2016, 39, 593-603.	1.3	5
53	Plant Trait Dataset for Tree-Like Growth Forms Species of the Subtropical Atlantic Rain Forest in Brazil. Data, 2018, 3, 16.	2.3	5
54	Parque Nacional da Serra do Itajaí (southern Brazil) shrub and herbs flora. Check List, 2014, 10, 1249.	0.4	5

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55	VARIAÇÃO DA ESTRUTURA DA FLORESTA ESTACIONAL DECIDUAL NO ESTADO DE SANTA CATARINA E SUA RELAÇÃO COM A ALTITUDE E CLIMA. <i>Ciencia Florestal</i> , 2015, 25, 77-89.	0.3	5
56	SUCCESSIONAL STAGES OF SANTA CATARINA ATLANTIC SUBTROPICAL EVERGREEN RAINFOREST: A CLASSIFICATION METHOD PROPOSAL. <i>Cerne</i> , 2020, 26, 162-171.	0.9	5
57	Toward a better understanding of the subtropical Atlantic Forest in the state of Santa Catarina, Brazil: tree sampling accuracy, species richness and frequency of rare species. <i>Acta Botanica Brasilica</i> , 2014, 28, 382-391.	0.8	4
58	A raridade das espécies arbóreas de Lauraceae no planalto do Estado de Santa Catarina, Brasil. <i>Hoehnea (revista)</i> , 2016, 43, 361-369.	0.2	4
59	Native understory palms (Arecaceae) of the Atlantic Forest in Santa Catarina, Southern Brazil. <i>Rodriguesia</i> , 2018, 69, 693-698.	0.9	4
60	Dispersion and aggregation patterns of tree species in Araucaria Forest, Southern Brazil. <i>Anais Da Academia Brasileira De Ciencias</i> , 2018, 90, 2397-2408.	0.8	3
61	FEW DOMINANT NATIVE WOODY SPECIES: HOW SUBTROPICAL RAINFOREST SUCCESSIONAL PROCESS ACTS ON ABANDONED PASTURES IN SOUTHERN BRAZIL. <i>Applied Ecology and Environmental Research</i> , 2017, 15, 1633-1676.	0.5	3
62	Aspects of distribution of Mimosoideae (Fabaceae) trees in the highlands of Santa Catarina, southern Brazil. <i>Neotropical Biology and Conservation</i> , 2015, 10, .	0.9	3
63	New molecular and morphological evidences favor a combination of <i>Blechnum bakeri</i> C.Chr. in <i>Cranfillia</i> Gasper & V.A.O.Dittrich (Blechnaceae, Polypodiopsida), thus extending the distribution of <i>Cranfillia</i> to Madagascar and East Africa. <i>Adansonia</i> , 2020, 42, .	0.2	3
64	Neglected epiphytism: Accidental epiphytes dominate epiphytic communities on tree ferns in the Atlantic Forest. <i>Biotropica</i> , 2022, 54, 251-261.	1.6	3
65	Multifunctional Monoamine Oxidases and Cholinesterases Inhibitory Effects, as well as UPLC-DAD-MS Chemical Profile of Alkaloid Fractions Obtained from Species of the Palicoureeae Tribe. <i>Natural Product Communications</i> , 2016, 11, 1934578X1601100.	0.5	2
66	Floristic and Structural Composition of Natural Regeneration in a Subtropical Atlantic Forest. <i>Floresta E Ambiente</i> , 2018, 25, .	0.4	2
67	Structural and Floristic Variations in an Atlantic Subtropical Rainforest in Southern Brazil. <i>Floresta E Ambiente</i> , 2019, 26, .	0.4	2
68	<i>Parablechnum roraimense</i> and <i>P. paucipinna</i> spp. nov. (Blechnaceae: Polypodiopsida), lectotypification of <i>P. stuebelii</i> , and citation corrections in the family. <i>Phytotaxa</i> , 2017, 292, 65.	0.3	2
69	First record of <i>Pogoniopsis</i> Rchb. (Orchidaceae: Triphorinae) in Santa Catarina state, southern Brazil. <i>Check List</i> , 2016, 12, 1990.	0.4	2
70	Azepine-Indole Alkaloids From <i>Psychotria nemorosa</i> Modulate 5-HT _{2A} Receptors and Prevent in vivo Protein Toxicity in Transgenic <i>Caenorhabditis elegans</i> . <i>Frontiers in Neuroscience</i> , 2022, 16, 826289.	2.8	2
71	Plant Poisoning Containing Hydrocyanic Acid in Cattle in Southern Brazil. <i>Acta Scientiae Veterinariae</i> , 0, 49, .	0.2	1
72	Unprecedented large-area turnover estimates for the subtropical Brazilian Atlantic Forest based on systematically-gathered data. <i>Forest Ecology and Management</i> , 2022, 505, 119902.	3.2	1

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73	Ferns and lycophytes from Lagoa do Peri Municipal Park, Santa Catarina, Brazil. <i>Check List</i> , 2020, 16, 1305-1322.	0.4	1
74	<i>Ludwigia humboldtiana</i> (Onagraceae), a narrowly endemic new species from the subtropical Atlantic Forest, southern Brazil. <i>Phytotaxa</i> , 2020, 470, 77-89.	0.3	1
75	(2615) Proposal to conserve the name <i>Lorinseria</i> C. Presl (Blechnaceae) against <i>Lorinsera</i> Opiz (Apiaceae). <i>Taxon</i> , 2018, 67, 639-640.	0.7	0
76	Physiognomic and Multivariate Phytosociological Analyses of a Subtropical Peat Bog Located on the Eastern Plateau in Southern Brazil. <i>Wetlands</i> , 2019, 39, 1069-1077.	1.5	0
77	A synopsis of the fern family Blechnaceae in Santa Catarina, Brazil: reviewing Sehnem's 1968 flora. <i>Botanica Complutensis</i> , 0, 45, e73056.	0.1	0
78	<i>Ludwigia irregularis</i> (Onagraceae) a rare new species from southern Brazil, and typification of the morphologically similar <i>L. myrtifolia</i> . <i>Phytotaxa</i> , 2021, 520, 257-264.	0.3	0
79	Potential new areas for conservation of key botanical families in the subtropical Atlantic Forest. <i>Biodiversity and Conservation</i> , 2021, 30, 3903-3917.	2.6	0
80	A test of the fast-slow plant economy hypothesis in a subtropical rain forest. <i>Plant Ecology and Diversity</i> , 2021, 14, 267-277.	2.4	0
81	Challenges and lessons learned from digitizing small Brazilian herbaria. <i>Acta Botanica Brasilica</i> , 2021, 35, 689-697.	0.8	0