

# Arnildo Pott

## List of Publications by Year in descending order

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105  
papers

2,036  
citations

346980

22  
h-index

340414

39  
g-index

115  
all docs

115  
docs citations

115  
times ranked

2506  
citing authors

#	ARTICLE	IF	CITATIONS
1	Morphological and phenological strategies for flooding tolerance in Cerrado and Pantanal trees: implications for restoration under new legislation. <i>Restoration Ecology</i> , 2023, 31, .	1.4	2
2	Abiotic drivers shape seed inputs and outputs in a tropical wetland on <i>Croton trinitatis</i> population. <i>Ecological Processes</i> , 2022, 11, .	1.6	1
3	Indigenous brigades change the spatial patterns of wildfires, and the influence of climate on fire regimes. <i>Journal of Applied Ecology</i> , 2022, 59, 1279-1290.	1.9	8
4	Aquatic Macrophytes in Southern Amazonia, Brazil: Richness, Endemism, and Comparative Floristics. <i>Wetlands</i> , 2022, 42, 1.	0.7	1
5	Nutraceutical Potential of Bioactive Compounds of <i>Eugenia dysenterica</i> DC in Metabolic Alterations. <i>Molecules</i> , 2022, 27, 2477.	1.7	0
6	Omega-3 Fatty Acids and Balanced Gut Microbiota on Chronic Inflammatory Diseases: A Close Look at Ulcerative Colitis and Rheumatoid Arthritis Pathogenesis. <i>Journal of Medicinal Food</i> , 2022, 25, 341-354.	0.8	3
7	Forensic palynology: computer vision and geotechnologies to support criminalistics expertise. <i>Research, Society and Development</i> , 2022, 11, e31611830422.	0.0	1
8	Characterization of Buriti ( <i>Mauritia flexuosa</i> ) Pulp Oil and the Effect of Its Supplementation in an In Vivo Experimental Model. <i>Nutrients</i> , 2022, 14, 2547.	1.7	1
9	Cerrado wetlands: multiple ecosystems deserving legal protection as a unique and irreplaceable treasure. <i>Perspectives in Ecology and Conservation</i> , 2022, 20, 185-196.	1.0	11
10	Morphological characterization and productivity estimates of <i>Acrocomia totai</i> Mart. (Arecaceae) as a sustainable alternative of extractivism and cultivation. <i>Revista Brasileira De Fruticultura</i> , 2021, 43, .	0.2	2
11	Food Composition Data: Edible Plants in Pantanal. <i>Ethnobiology</i> , 2021, , 297-324.	0.4	3
12	Differences between species in seed bank and vegetation helps to hold functional diversity in a floodable Neotropical savanna. <i>Journal of Plant Ecology</i> , 2021, 14, 605-615.	1.2	4
13	APPLICABILITY OF SEED BANK ASSESSMENT METHODS IN WETLANDS: ADVANTAGES AND DISADVANTAGES. <i>Oecologia Australis</i> , 2021, 25, 22-33.	0.1	3
14	Maintenance of wetland plant communities: the role of the seed bank in regeneration of native plants. <i>Acta Botanica Brasilica</i> , 2021, 35, 70-78.	0.8	5
15	Reproductive phenology of aquatic macrophytes in the Cerrado-Pantanal ecotone. <i>Acta Botanica Brasilica</i> , 2021, 35, 92-103.	0.8	5
16	Advances in the knowledge of the natural history of aquatic plants in the Neotropics. <i>Acta Botanica Brasilica</i> , 2021, 35, 1-8.	0.8	1
17	Fire has little to no effect on the enhancement of germination, but buried seeds may survive in a Neotropical wetland. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2021, 278, 151801.	0.6	8
18	High Concentration of Heavy Metal and Metalloid Levels in Edible <i>Campomanesia adamantium</i> Pulp from Anthropic Areas. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 5503.	1.2	4

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19	MACRÓFITAS AQUÁTICAS DA COLEÇÃO DO HERBÁRIO DO MARANHÃO (MAR) = AQUATIC MACROPHYTES OF THE COLLECTION OF HERBARIUM OF MARANHÃO (MAR). Boletim Do Laboratório De Hidrobiologia, 2021, 31, .	0.2	0
20	Do neighbours matter? The effect of single and mixed species sowing density on seed germination of annual wetland plants. Applied Vegetation Science, 2021, 24, .	0.9	1
21	Do Bioactive Food Compound with Avena sativa L., Linum usitatissimum L. and Glycine max L. Supplementation with Moringa oleifera Lam. Have a Role against Nutritional Disorders? An Overview of the In Vitro and In Vivo Evidence. Nutrients, 2021, 13, 2294.	1.7	3
22	Do fire and flood interact to determine forest islet structure and diversity in a Neotropical wetland?. Flora: Morphology, Distribution, Functional Ecology of Plants, 2021, 281, 151874.	0.6	9
23	High-Fat Diet with Lyophilized Acrocomia aculeata Pulp Increases High-Density Lipoprotein-Cholesterol Levels and Inhibits Adipocyte Hypertrophy in Mice. Journal of Medicinal Food, 2021, 24, 841-851.	0.8	0
24	Polyphenols and $\omega$ -3 PUFAs: Beneficial Outcomes to Obesity and Its Related Metabolic Diseases. Frontiers in Nutrition, 2021, 8, 781622.	1.6	11
25	Composition and Distribution of Woody and Palm Vegetation in the Pantanal Wetland. Plant and Vegetation, 2021, , 443-469.	0.6	2
26	Ecological Restoration of Pantanal Wetlands. Plant and Vegetation, 2021, , 739-765.	0.6	1
27	Do Aquatic Macrophytes Limit the Invasion Potential of Exotic Species in Pantanal Grasslands?. Wetlands, 2020, 40, 135-142.	0.7	5
28	Protective Effect of $\alpha$ -Linolenic Acid on Non-Alcoholic Hepatic Steatosis and Interleukin-6 and -10 in Wistar Rats. Nutrients, 2020, 12, 9.	1.7	25
29	Medicinal Potential of Garcinia Species and Their Compounds. Molecules, 2020, 25, 4513.	1.7	53
30	$\beta$ -Carotene: Preventive Role for Type 2 Diabetes Mellitus and Obesity: A Review. Molecules, 2020, 25, 5803.	1.7	54
31	Minerals in Pregnancy and Their Impact on Child Growth and Development. Molecules, 2020, 25, 5630.	1.7	38
32	Fatty Acid Diets: Regulation of Gut Microbiota Composition and Obesity and Its Related Metabolic Dysbiosis. International Journal of Molecular Sciences, 2020, 21, 4093.	1.8	117
33	Toxicity and phytochemistry of eight species used in the traditional medicine of sul-mato-grossense, Brazil. Brazilian Journal of Biology, 2020, 80, 574-581.	0.4	10
34	Antimicrobial potential of Pectis substriata essential oil (Asteraceae) against drug-resistant Staphylococcus strains. Anais Da Academia Brasileira De Ciencias, 2020, 92, e20200456.	0.3	6
35	Effects of Olive Oil and Its Minor Components on Cardiovascular Diseases, Inflammation, and Gut Microbiota. Nutrients, 2019, 11, 1826.	1.7	119
36	Sustainability Agenda for the Pantanal Wetland: Perspectives on a Collaborative Interface for Science, Policy, and Decision-Making. Tropical Conservation Science, 2019, 12, 194008291987263.	0.6	88

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37	Fire can weaken or trigger functional responses of trees to flooding in wetland forest patches. <i>Journal of Vegetation Science</i> , 2019, 30, 521-532.	1.1	11
38	New initiatives for Brazilian aquatic plant data management. <i>Acta Botanica Brasilica</i> , 2019, 33, 78-87.	0.8	9
39	Characterization and oxidative stability of oils and bioactive compounds of the fruits of <i>Byrsonima cydoniifolia</i> A. Juss. at different ripening stages. <i>Journal of the Science of Food and Agriculture</i> , 2019, 99, 2855-2864.	1.7	5
40	REPRODUCTIVE PHENOLOGY OF MACROPHYTE COMMUNITY IN RESPONSE TO WETLAND FLOODING CYCLE. <i>Oecologia Australis</i> , 2019, 23, 856-873.	0.1	5
41	SOIL SEED BANK IN PANTANAL RIPARIAN FOREST: PERSISTENCE, ABUNDANCE, FUNCTIONAL DIVERSITY AND COMPOSITION. <i>Oecologia Australis</i> , 2019, 23, 891-903.	0.1	7
42	TOPOGRAPHY AND SEASONALITY PROMOTES TAXONOMIC BETA DIVERSITY OF SEEDLINGS IN A TROPICAL WETLAND. <i>Oecologia Australis</i> , 2019, 23, 917-925.	0.1	5
43	Seasonal flooding, topography, and organic debris interact to influence the emergence and distribution of seedlings in a tropical grassland. <i>Biotropica</i> , 2018, 50, 616-624.	0.8	9
44	Experimental poisoning by <i>Vernonia rubricaulis</i> in sheep. <i>Toxicon</i> , 2018, 141, 9-14.	0.8	2
45	Seed bank of seasonally flooded grassland: experimental simulation of flood and post-flood. <i>Aquatic Ecology</i> , 2018, 52, 93-105.	0.7	11
46	Changes in vegetation cover of the Pantanal wetland detected by Vegetation Index: a strategy for conservation. <i>Biota Neotropica</i> , 2018, 18, .	0.2	21
47	Plant species diversity in a Neotropical wetland: patterns of similarity, effects of distance, and altitude. <i>Anais Da Academia Brasileira De Ciencias</i> , 2018, 90, 85-97.	0.3	14
48	Analysis of the landscape complexity and heterogeneity of the Pantanal wetland. <i>Brazilian Journal of Biology</i> , 2018, 78, 318-327.	0.4	19
49	Ecological succession of aquatic macrophytes on floating meadows in the Pantanal wetland. <i>Revista Brasileira De Botanica</i> , 2018, 41, 65-75.	0.5	8
50	<i>Enterolobium contortisiliquum</i> is a cause of acute ruminal acidosis in sheep. <i>Toxicon</i> , 2017, 126, 90-95.	0.8	10
51	Abiotic factors drive the structure of aquatic plant assemblages in riverine habitats of the Brazilian Pantanal. <i>Revista Brasileira De Botanica</i> , 2017, 40, 405-415.	0.5	10
52	Diurnal anthophilous fauna in Brazilian Chaco vegetation: phenology and interaction with flora. <i>Revista Brasileira De Botanica</i> , 2017, 40, 203-213.	0.5	7
53	Anti-inflammatory, antimycobacterial and genotoxic evaluation of <i>Dolioscarpus dentatus</i> . <i>Journal of Ethnopharmacology</i> , 2017, 204, 18-25.	2.0	10
54	Biometric Characterization of Fruits and Morphoanatomy of the Mesocarp of <i>Acrocomia</i> Species (Arecaceae). <i>International Journal of Biology</i> , 2017, 9, 78.	0.1	18

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55	Mimosoideae (Leguminosae) in the Brazilian Chaco of Porto Murtinho, Mato Grosso do Sul. <i>Rodriguesia</i> , 2017, 68, 263-290.	0.9	7
56	Floral traits as potential indicators of pollination vs. theft. <i>Rodriguesia</i> , 2016, 67, 309-320.	0.9	22
57	Effects of flooding and its temporal variation on seedling recruitment from the soil seed bank of a Neotropical floodplain. <i>Acta Botanica Brasílica</i> , 2016, 30, 560-568.	0.8	15
58	Effect of Donepezil, Tacrine, Galantamine and Rivastigmine on Acetylcholinesterase Inhibition in <i>Dugesia tigrina</i> . <i>Molecules</i> , 2016, 21, 53.	1.7	18
59	<b>Diaspore bank of aquatic macrophytes maintaining species diversity in a Neotropical pond. <i>Acta Scientiarum - Biological Sciences</i> , 2016, 38, 419.	0.3	3
60	Inundation and Fire Shape the Structure of Riparian Forests in the Pantanal, Brazil. <i>PLoS ONE</i> , 2016, 11, e0156825.	1.1	33
61	Feature Extraction and Machine Learning for the Classification of Brazilian Savannah Pollen Grains. <i>PLoS ONE</i> , 2016, 11, e0157044.	1.1	59
62	Effect of fire on a monodominant floating mat of <i>Cyperus giganteus</i> Vahl in a neotropical wetland. <i>Brazilian Journal of Biology</i> , 2015, 75, 114-124.	0.4	35
63	Updated checklist of aquatic macrophytes from Northern Brazil. <i>Acta Amazonica</i> , 2015, 45, 111-132.	0.3	25
64	Distribution pattern of neotropical aquatic macrophytes in permanent lakes at a Ramsar site. <i>Revista Brasileira De Botanica</i> , 2015, 38, 131-139.	0.5	5
65	Effects of <i>Urochloa humidicola</i> on Plant Diversity in Native Grasslands in a Neotropical Wetland. <i>Wetlands</i> , 2015, 35, 841-850.	0.7	15
66	Similar vegetation structure in protected and non-protected wetlands in Central Brazil: conservation significance. <i>Environmental Conservation</i> , 2015, 42, 356-362.	0.7	16
67	Terrestrial and Aquatic Vegetation Diversity of the Pantanal Wetland. <i>Handbook of Environmental Chemistry</i> , 2015, , 111-131.	0.2	34
68	Evaluaci3n f3sica y nutricional de los frutos de <i>Acrocomia aculeata</i> (Jacq.) Lodd ex Mart. (Arecaceae) con base en el color de la pulpa. <i>Revista Biodiversidad Neotropical</i> , 2015, 5, 89.	0.2	3
69	Meiotic behavior and chromosome number of <i>Urochloa adspersa</i> (Trin.) R. D. Webster from the Brazilian Chaco. <i>Genetics and Molecular Research</i> , 2015, 14, 7455-7462.	0.3	1
70	Intoxica3o espont3nea por <i>Senna obtusifolia</i> em bovinos no Pantanal Sul-Mato-Grossense. <i>Pesquisa Veterinaria Brasileira</i> , 2014, 34, 147-152.	0.5	12
71	Soil seed bank of floodable native and cultivated grassland in the Pantanal wetland: effects of flood gradient, season and species invasion. <i>Revista Brasileira De Botanica</i> , 2014, 37, 239-250.	0.5	29
72	Regeneration of riparian forests of the Brazilian Pantanal under flood and fire influence. <i>Forest Ecology and Management</i> , 2014, 331, 256-263.	1.4	54

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73	Structure of arboreal and herbaceous strata in a neotropical seasonally flooded monodominant savanna of <i>Tabebuia aurea</i> . <i>Brazilian Journal of Biology</i> , 2014, 74, 325-337.	0.4	13
74	Spontaneous and experimental intoxication of cattle by <i>Simarouba versicolor</i> A. St.-Hill ( <i>Simaroubaceae</i> ). <i>Toxicon</i> , 2013, 64, 55-59.	0.8	6
75	Bees (Hymenoptera: Apoidea) and flowers in natural forest patches of southern Pantanal. <i>Biota Neotropica</i> , 2013, 13, 46-56.	1.0	14
76	Phenolic compounds and antioxidant, antimicrobial and antimycobacterial activities of <i>Serjania erecta</i> Radlk. ( <i>Sapindaceae</i> ). <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2013, 49, 775-782.	1.2	25
77	Aquatic macrophytes of Northeastern Brazil: checklist, richness, distribution and life forms [with erratum]. <i>Check List</i> , 2013, 9, 298.	0.1	18
78	Intoxicação experimental por <i>Simarouba versicolor</i> ( <i>Simaroubaceae</i> ) em ovinos e indução de resistência ao consumo da planta. <i>Pesquisa Veterinária Brasileira</i> , 2013, 33, 299-304.	0.5	1
79	O gênero <i>Rhynchosia</i> Lour. ( <i>Leguminosae</i> , <i>Papilionoideae</i> ) em Mato Grosso do Sul, Brasil. <i>Biota Neotropica</i> , 2012, 12, 221-237.	1.0	3
80	Biologically active abietane and ent-kaurane diterpenoids and other constituents from <i>Erythroxylum suberosum</i> . <i>Phytochemistry Letters</i> , 2012, 5, 401-406.	0.6	5
81	Intoxicação espontânea e experimental por <i>Pterodon emarginatus</i> ( <i>Fabaceae</i> <i>Faboideae</i> ) em bovinos e experimental em ovinos. <i>Pesquisa Veterinária Brasileira</i> , 2012, 32, 1087-1094.	0.5	7
82	Structure of aquatic vegetation of a large lake, western border of the Brazilian Pantanal. <i>Brazilian Journal of Biology</i> , 2012, 72, 519-531.	0.4	12
83	MACROPHYTE STRUCTURE IN LOTIC-LENTIC HABITATS FROM BRAZILIAN PANTANAL. <i>Oecologia Australis</i> , 2012, 16, 782-796.	0.1	11
84	A New Cytotoxic $\beta$ -Carboline Alkaloid from <i>Galianthe thalictroides</i> . <i>Planta Medica</i> , 2011, 77, 1852-1854.	0.7	13
85	Pollen Analysis Reveals Plants Foraged by Africanized Honeybees in the Southern Pantanal, Brazil. <i>Neotropical Entomology</i> , 2011, 40, 47-54.	0.5	12
86	Aquatic macrophyte diversity of the Pantanal wetland and upper basin. <i>Brazilian Journal of Biology</i> , 2011, 71, 255-263.	0.4	72
87	Structure of pond vegetation of a vereda in the Brazilian Cerrado. <i>Rodriguesia</i> , 2011, 62, 721-729.	0.9	17
88	Plant diversity of the Pantanal wetland. <i>Brazilian Journal of Biology</i> , 2011, 71, 265-273.	0.4	198
89	Macrophytes in the Upper Paraná River floodplain: checklist and comparison with other large South American wetlands. <i>Revista De Biologia Tropical</i> , 2011, 59, 541-56.	0.1	37
90	Analyses of the Headspace Volatile Constituents of Aerial Parts (leaves and stems), Flowers and Fruits of <i>Bidens gardneri</i> Bak. and <i>Bidens sulphurea</i> (Cav.) Sch.Bip. Using Solid-Phase Microextraction. <i>Journal of Essential Oil Research</i> , 2010, 22, 560-563.	1.3	8

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91	Estrutura da comunidade de macrófitas aquáticas em três lagoas do Parque Estadual do Rio Doce, Minas Gerais, Brasil. <i>Hoehnea (revista)</i> , 2010, 37, 43-52.	0.2	9
92	Plantas medicinais comercializadas no Mercado Municipal de Campo Grande-MS. <i>Revista Brasileira De Farmacognosia</i> , 2009, 19, 805-813.	0.6	16
93	Gastroprotective Effect of <i>Serjania erecta</i> Radlk (Sapindaceae): Involvement of Sensory Neurons, Endogenous Nonprotein Sulfhydryls, and Nitric Oxide. <i>Journal of Medicinal Food</i> , 2009, 12, 1411-1415.	0.8	23
94	Chemical Constituents of the Ethanolic Extract of <i>Mikania parodii</i> . <i>Chemistry of Natural Compounds</i> , 2008, 44, 512-513.	0.2	3
95	Macrófitas aquáticas de ilhas flutuantes (baceiros) nas sub-regiões do Abobral e Miranda, Pantanal, MS, Brasil. <i>Acta Botanica Brasilica</i> , 2008, 22, 563-571.	0.8	31
96	Medicinal plants used by the Kaiowá and Guarani indigenous populations in the Caarapá Reserve, Mato Grosso do Sul, Brazil. <i>Acta Botanica Brasilica</i> , 2005, 19, 39-44.	0.8	49
97	Features and conservation of the Brazilian Pantanal wetland. <i>Wetlands Ecology and Management</i> , 2004, 12, 547-552.	0.7	77
98	Flooding-tolerant legume symbioses from the Brazilian Pantanal. <i>New Phytologist</i> , 2001, 150, 723-738.	3.5	59
99	Volatile Constituents of <i>Hyptis crenata</i> Pohl (Labiatae) Native in Brazilian Pantanal. <i>Journal of Essential Oil Research</i> , 2000, 12, 99-101.	1.3	9
100	Essential Oil of <i>Elyonurus muticus</i> (Sprengel) O.Kuntze (Gramineae). <i>Journal of Essential Oil Research</i> , 2000, 12, 298-300.	1.3	11
101	Checklist das macrófitas aquáticas do Pantanal, Brasil. <i>Acta Botanica Brasilica</i> , 1997, 11, 215-227.	0.8	29
102	Nitrogen-fixing stem nodules of the Legume, <i>Discolobium pulchellum</i> Benth.. <i>New Phytologist</i> , 1994, 128, 283-295.	3.5	46
103	Persistence and growth of <i>Lotononis bainesii</i> "Digitaria decumbens" pastures: 1. Sheep stocking rate. <i>Journal of Agricultural Science</i> , 1983, 101, 1-7.	0.6	7
104	Persistence and growth of <i>Lotononis bainesii</i> "Digitaria decumbens" pastures: 2. Sheep treading. <i>Journal of Agricultural Science</i> , 1983, 101, 9-15.	0.6	11
105	Flood and fire affect the soil seed bank of riparian forest in the Pantanal wetland. <i>Rodriguesia</i> , 0, 71, .	0.9	9