

João Semir

List of Publications by Year in descending order

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1434
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#	ARTICLE	IF	CITATIONS
1	Structure, distribution of species and inundation in a riparian forest of Rio Paraguai, Pantanal, Brazil. Flora: Morphology, Distribution, Functional Ecology of Plants, 2005, 200, 119-135.	1.2	96
2	Pollinator Specificity and Convergence in Fly-pollinated Pleurothallis(Orchidaceae) Species: A Multiple Population Approach. Annals of Botany, 2001, 88, 75-88.	2.9	90
3	Self-incompatibility, Inbreeding Depression and Crossing Potential in Five BrazilianPleurothallis (Orchidaceae) Species. Annals of Botany, 2001, 88, 89-99.	2.9	86
4	Fly-pollinated Pleurothallis (Orchidaceae) species have high genetic variability: evidence from isozyme markers. American Journal of Botany, 2001, 88, 419-428.	1.7	72
5	Lip Anatomy and its Implications for the Pollination Mechanisms of Bulbophyllum Species (Orchidaceae). Annals of Botany, 2004, 93, 499-505.	2.9	66
6	Histological Study of Post-pollination Events in Spathodea campanulata Beauv. (Bignoniaceae), a Species with Late-acting Self-incompatibility. Annals of Botany, 2003, 91, 827-834.	2.9	61
7	Floral and Vegetative Morphometrics of Five Pleurothallis (Orchidaceae) Species: Correlation with Taxonomy, Phylogeny, Genetic Variability and Pollination Systems. Annals of Botany, 2002, 90, 219-230.	2.9	60
8	Temporal variation in pollinarium size after its removal in species of Bulbophyllum: A different mechanism preventing self-pollination in Orchidaceae. Plant Systematics and Evolution, 1999, 217, 197-204.	0.9	50
9	A simple solid injection device for the analyses of Bulbophyllum (Orchidaceae) volatiles. Phytochemistry, 1999, 50, 31-34.	2.9	49
10	A Phylogenetic Analysis of Lychnophorinae (Asteraceae: Vernoniae) Based on Molecular and Morphological Data. Systematic Botany, 2015, 40, 299-315.	0.5	47
11	Late-Acting Self-Incompatibility and Other Breeding Systems in Tabebuia (Bignoniaceae). International Journal of Plant Sciences, 2005, 166, 493-506.	1.3	44
12	Reproductive biology in species of Bidens L. (Asteraceae). Scientia Agricola, 2004, 61, 185-189.	1.2	42
13	The Genus Petunia. , 2009, , 1-28.		40
14	Pollination biology and breeding system of Zeyheria montana (Bignoniaceae). Plant Systematics and Evolution, 2004, 247, 241.	0.9	35
15	Tree mortality in a riparian forest at Rio Paraguai, Pantanal, Brazil, after an extreme flooding. Acta Botanica Brasilica, 2004, 18, 839-846.	0.8	34
16	Sesquiterpene and polyacetylene profile of the Bidens pilosa complex (Asteraceae: Heliantheae) from Southeast of Brazil. Biochemical Systematics and Ecology, 2005, 33, 479-486.	1.3	32
17	Reproductive systems and crossing potential in three species ofBulbophyllum (Orchidaceae) occurring in Brazilian ?campo rupestre? vegetation. Plant Systematics and Evolution, 1999, 217, 205-214.	0.9	31
18	The effect of ants on the seed dispersal cycle of the typical myrmecochorous Ricinus communis. Plant Ecology, 2009, 205, 213-222.	1.6	30

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19	Floral biology and late-acting self-incompatibility in <i>Jacaranda racemosa</i> (Bignoniaceae). <i>Australian Journal of Botany</i> , 2006, 54, 315.	0.6	29
20	High genetic variability in Neotropical myophilous orchids. <i>Botanical Journal of the Linnean Society</i> , 2007, 153, 33-40.	1.6	27
21	A taxonomic revision of the genus <i>Ceiba</i> Mill. (Bombacaceae). <i>Anales Del Jardin Botanico De Madrid</i> , 2003, 60, .	0.4	27
22	The reproductive biology of <i>Cybistax antisiphilitica</i> (Bignoniaceae), a characteristic tree of the South American savannah-like "Cerrado" vegetation. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2011, 206, 872-886.	1.2	26
23	A New Species and New Combinations in <i>Calibrachoa</i> (Solanaceae). <i>Novon</i> , 1997, 7, 417.	0.3	25
24	Taxonomic separation of the genera <i>Prosthechea</i> and <i>Encyclia</i> (Laeliinae: Orchidaceae) using leaf and root anatomical features. <i>Botanical Journal of the Linnean Society</i> , 2003, 143, 293-303.	1.6	24
25	Cytotaxonomy of species of <i>Vernonia</i> , section <i>Lepidaploa</i> , group <i>Axilliflorae</i> (Asteraceae, Vernonieae). <i>Botanical Journal of the Linnean Society</i> , 2007, 154, 99-108.	1.6	24
26	Karyological features and cytotaxonomy of the tribe Vernonieae (Asteraceae). <i>Plant Systematics and Evolution</i> , 2010, 285, 189-199.	0.9	24
27	Infrageneric classification of <i>Calibrachoa</i> (Solanaceae) based on morphological and molecular evidence. <i>Taxon</i> , 2012, 61, 120-130.	0.7	22
28	Polyploidy and polyembryony in <i>Anemopaegma</i> (Bignoniaceae). <i>Plant Reproduction</i> , 2013, 26, 43-53.	2.2	22
29	Chromosome numbers in the genus <i>Lychnophora</i> Mart. (Lychnophorinae, Vernonieae.) <i>Tj ETQq1 1 0.784314 rgt /Overlock 10 Tf</i>	0.3	21
30	Low Genetic Structure in an Epiphytic Orchidaceae (<i>Oncidium hookeri</i>) in the Atlantic Rainforest of South-eastern Brazil. <i>Annals of Botany</i> , 2006, 98, 1207-1213.	2.9	21
31	Taxonomia do gênero <i>Heliotropium</i> L. (Heliotropiaceae) no Brasil. <i>Acta Botanica Brasilica</i> , 2008, 22, 754-770.	0.8	21
32	A synopsis of Lychnophorinae (Asteraceae: Vernonieae). <i>Phytotaxa</i> , 2019, 398, 1.	0.3	21
33	New and Reassessed Species of <i>Griffinia</i> (Amaryllidaceae) from the Brazilian Atlantic Forest. <i>Systematic Botany</i> , 2019, 44, 310-318.	0.5	20
34	Taxonomia do gênero <i>Euploca</i> Nutt. (Heliotropiaceae) no Brasil. <i>Acta Botanica Brasilica</i> , 2010, 24, 111-132.	0.8	19
35	<i>Nicotiana mutabilis</i> (Solanaceae), a New Species from Southern Brazil. <i>Kew Bulletin</i> , 2002, 57, 639.	0.9	18
36	Chromosome Studies in Bignoniaceae (Bignoniaceae): The First Record of Polyploidy in <i>Anemopaegma</i> . <i>Cytologia</i> , 2011, 76, 185-191.	0.6	17

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37	Metabolomic analysis applied to chemosystematics and evolution of megadiverse Brazilian Vernoniae (Asteraceae). <i>Phytochemistry</i> , 2018, 150, 93-105.	2.9	16
38	Two new Brazilian species and new combinations in <i>Euploca</i> (Heliotropiaceae). <i>Kew Bulletin</i> , 2009, 64, 285-289.	0.9	15
39	Eudesmanolides and 15-deoxygoyazensolide from <i>Lychnophora pseudovillosissima</i> . <i>Phytochemistry</i> , 1992, 31, 692-695.	2.9	14
40	Biologia reprodutiva de <i>Calibrachoa elegans</i> (Miers) Stehmann & Semir (Solanaceae). <i>Revista Brasileira De Botanica</i> , 2001, 24, 43.	1.3	14
41	Cytotaxonomic studies in six species of <i>Vernonia</i> (Asteraceae: Vernoniae). <i>Caryologia</i> , 2007, 60, 37-47.	0.3	14
42	Low genetic diversity but local genetic differentiation in endemic Minasia (Asteraceae) species from Brazil. <i>Plant Systematics and Evolution</i> , 2009, 277, 187-196.	0.9	13
43	A revision of Brazilian <i>Dimerostemma</i> (Asteraceae, Heliantheae, Ecliptinae), with a new species and taxonomic adjustments. <i>Brittonia</i> , 2009, 61, 341-365.	0.2	13
44	Variation of diastereoisomeric pyrrolizidine alkaloids in <i>Pleurothallis</i> (Orchidaceae). <i>Biochemical Systematics and Ecology</i> , 2001, 29, 45-52.	1.3	12
45	Chromosomal studies of three species of <i>Bidens</i> (L.) (Asteraceae). <i>Caryologia</i> , 2006, 59, 14-18.	0.3	12
46	Floral biology and breeding system of <i>Psychotria tenuinervis</i> Muell. Arg. (Rubiaceae) in the Atlantic rain forest, SE Brazil. <i>Acta Botanica Brasílica</i> , 2007, 21, 879-884.	0.8	11
47	Seed germination of <i>Ricinus communis</i> in predicted settings after autochorous and myrmecochorous dispersal. <i>Journal of the Torrey Botanical Society</i> , 2009, 136, 84-90.	0.3	11
48	The <i>Lychnophora granmogolensis</i> (Asteraceae-Vernoniae) Species Complex: Two New Species and Comments on the Identity of <i>Lychnophora granmogolensis</i> . <i>Systematic Botany</i> , 2014, 39, 988-996.	0.5	11
49	<i>Bulbophyllum involutum</i> Borba, Semir & F. Barros (Orchidaceae), a New Species from the Brazilian "Campos Rupestres". <i>Novon</i> , 1998, 8, 225.	0.3	10
50	Using leaf anatomy to solve taxonomic problems within the <i>Anemopaegma arvense</i> species complex (Bignoniaceae, Bignoniaceae). <i>Nordic Journal of Botany</i> , 2014, 32, 620-631.	0.5	10
51	Structure, development and evolution of the androecium in Adansonieae (core Bombacoideae). <i>Tj ETQq1 1 0.784314 rgBT /Qverlock 10</i>	0.9	10
52	Padrões de distribuição geográfica das espécies de <i>Euploca</i> e <i>Heliotropium</i> (Heliotropiaceae) no Brasil. <i>Rodriguesia</i> , 2009, 60, 1025-1036.	0.9	9
53	Chromosome Numbers and Karyotypes of Species of <i>Vernonia</i> sect. <i>Lepidaploa</i> (Asteraceae: Vernoniae). <i>Folia Geobotanica</i> , 2012, 47, 93-103.	0.9	9
54	A metabolomic protocol for plant systematics by matrix-assisted laser-desorption/ionization time-of-flight mass spectrometry. <i>Analytica Chimica Acta</i> , 2015, 859, 46-58.	5.4	9

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55	Self-incompatibility in <i>Habranthus gracilifolius</i> (Amaryllidaceae): pre- and post-pollination barriers. <i>Revista Brasileira De Botanica</i> , 2018, 41, 375-384.	1.3	9
56	Low Allozymic Variation in the <i>Bidens pilosa</i> L. Complex (Asteraceae). <i>Biochemical Genetics</i> , 2005, 43, 335-345.	1.7	8
57	Responses of the invasive <i>Ricinus communis</i> seedlings to competition and light. <i>New Zealand Journal of Botany</i> , 2011, 49, 263-279.	1.1	8
58	A new species of <i>Paralychnophora</i> (Asteraceae: Vernonieae), and comments on the identity of <i>Paralychnophora bicolor</i> . <i>Brittonia</i> , 2012, 64, 289-295.	0.2	8
59	Two New Species of <i>Heterocoma</i> (Asteraceae: Vernonieae) and a Broadened Concept of the Genus. <i>Systematic Botany</i> , 2013, 38, 242-252.	0.5	8
60	Five new species of Vernonieae (Asteraceae) from Esp�rito Santo, Brazil. <i>Rodriguesia</i> , 2018, 69, 595-610.	0.9	8
61	Flora de Gr�o-Mogol, Minas Gerais: Melastomataceae. <i>Boletim De Bot�nica</i> , 2009, 27, 73.	0.2	8
62	Cytotaxonomy of <i>Lychnophora</i> Mart. (Asteraceae: Vernonieae: Lychnophorinae) species. <i>Caryologia</i> , 2007, 60, 21-28.	0.3	7
63	Four new endemic species of <i>Hippeastrum</i> (Amaryllidaceae) from Serra da Canastra, Minas Gerais State, Brazil. <i>Phytotaxa</i> , 2013, 145, 38.	0.3	7
64	<i>Griffinia meerowiana</i> , a remarkable new species of Amaryllidaceae from Esp�rito Santo state, Brazil. <i>Phytotaxa</i> , 2018, 344, 228.	0.3	7
65	Cytotaxonomy of <i>Lychnophoriopsis</i> Sch.Bip. and <i>Paralychnophora</i> MacLeish species (Asteraceae: Vernonieae: Lychnophorinae) species. <i>Caryologia</i> , 2007, 60, 21-28.	0.3	7
66	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
67	A new species of <i>Griffinia</i> (Amaryllidaceae) from Esp�rito Santo state, Brazil, and reassessment of <i>Griffinia concinna</i> . <i>Phytotaxa</i> , 2017, 327, 175.	0.3	5
68	Vochysiaceae na regi�o do Planalto de Diamantina, Minas Gerais, Brasil. <i>Rodriguesia</i> , 2017, 68, 159-193.	0.9	5
69	<i>Eithea lagopaivae</i> , a new critically endangered species in the previously monotypic genus <i>Eithea</i> Ravenna (Amaryllidaceae). <i>PhytoKeys</i> , 2017, 85, 45-58.	1.0	5
70	Notas sobre duas esp�cies de <i>Thelypteris</i> Schmidel (Thelypteridaceae - Pterophyta) do Brasil. <i>Acta Botanica Brasilica</i> , 2003, 17, 515-523.	0.8	4
71	Two New Species of Vernonieae (Asteraceae) from Esp�rito Santo, Southeastern Brazil. <i>Systematic Botany</i> , 2019, 44, 439-445.	0.5	4
72	<i>Hoffmannseggella viridiflora</i> (Orchidaceae, Laeliinae), a New Species from Brazilian Campos Rupestres. <i>Novon</i> , 2007, 17, 125-129.	0.3	3

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73	Three new species of <i>Piptolepis</i> (Compositae: Vernonieae) from Minas Gerais, Brazil. <i>Kew Bulletin</i> , 2012, 67, 11-18.	0.9	3
74	Evidence of altitudinal gradient modifying genomic and chemical diversity in populations of <i>Lychnophora pinaster</i> Mart.. <i>Phytochemistry</i> , 2021, 192, 112898.	2.9	3
75	<i>Adenocalymma ubatubensis</i> Assis & Semir, a New Species of Bignoniaceae from Ubatuba, São Paulo State, Brazil. <i>Novon</i> , 1999, 9, 136.	0.3	2
76	Lectotypification of species of <i>Wunderlichia</i> (Asteraceae). <i>Kew Bulletin</i> , 2015, 70, 1.	0.9	2
77	<i>Lychnophora spiciformis</i> (Asteraceae: Vernonieae), a new species from Bahia, Brazil. <i>Phytotaxa</i> , 2016, 253, 48.	0.3	2
78	Phytochemical and chemotaxonomy investigation of polar crude extract from <i>Eremanthus incanus</i> (Asteraceae, Vernonieae). <i>Biochemical Systematics and Ecology</i> , 2018, 81, 105-108.	1.3	2
79	<i>Critoniopsis hermogenesii</i> (Vernonieae, Asteraceae), a new endemic species from Serra do Mar Mountain Range, São Paulo state, Brazil. <i>Phytotaxa</i> , 2019, 397, 177.	0.3	2
80	<i>Chrysolaena glandulosa</i> (Vernonieae, Asteraceae): A new species from Brazil. <i>Phytotaxa</i> , 2020, 439, 295-300.	0.3	2
81	Banding and FISH in three species of <i>Vernonia</i> , subsection <i>Macrocephalae</i> (Asteraceae, Vernonieae). <i>Plant Systematics and Evolution</i> , 2012, 298, 969-974.	0.9	1
82	Flora da Serra do Cipó ³ , Minas Gerais: Compositae - Gnaphalieae e Inuleae. <i>Boletim De Botânica</i> , 2013, 31, 13.	0.2	1
83	Phenolic Compounds from the Brazilian Genus <i>Lychnophora</i> Mart. (Asteraceae). <i>ACS Symposium Series</i> , 2018, , 21-46.	0.5	1
84	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
85	<i>Piptocarpha longipedunculata</i> (Asteraceae, Vernonieae) a new species of Serra do Mar, São Paulo, Brazil. <i>Phytotaxa</i> , 2017, 306, 159.	0.3	0
86	Nomenclatural novelties in <i>Tessaria</i> (Asteraceae, Inuleae): a new species from the Andes and uncovering the identity of <i>T. boliviensis</i> . <i>Systematic Botany</i> , 2018, 43, 591-594.	0.5	0
87	Tribo <i>Wunderlichieae</i> Panero & V.A. Funk. , 2017, , 67-71.		0