

Jarcilene Silva de Almeida-Cortez

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5802666/publications.pdf>

Version: 2024-02-01

73
papers

3,531
citations

218677

26
h-index

144013

57
g-index

73
all docs

73
docs citations

73
times ranked

4946
citing authors

#	ARTICLE	IF	CITATIONS
1	Biomass resilience of Neotropical secondary forests. <i>Nature</i> , 2016, 530, 211-214.	27.8	763
2	Carbon sequestration potential of second-growth forest regeneration in the Latin American tropics. <i>Science Advances</i> , 2016, 2, e1501639.	10.3	423
3	Biodiversity recovery of Neotropical secondary forests. <i>Science Advances</i> , 2019, 5, eaau3114.	10.3	291
4	Caatinga: The Scientific Negligence Experienced by a Dry Tropical Forest. <i>Tropical Conservation Science</i> , 2011, 4, 276-286.	1.2	199
5	Multidimensional tropical forest recovery. <i>Science</i> , 2021, 374, 1370-1376.	12.6	165
6	Caatinga, the Brazilian dry tropical forest: can it tolerate climate changes?. <i>Theoretical and Experimental Plant Physiology</i> , 2014, 26, 83-99.	2.4	136
7	Wet and dry tropical forests show opposite successional pathways in wood density but converge over time. <i>Nature Ecology and Evolution</i> , 2019, 3, 928-934.	7.8	120
8	Photosynthesis, photoprotection and antioxidant activity of purging nut under drought deficit and recovery. <i>Biomass and Bioenergy</i> , 2010, 34, 1207-1215.	5.7	117
9	Legume abundance along successional and rainfall gradients in Neotropical forests. <i>Nature Ecology and Evolution</i> , 2018, 2, 1104-1111.	7.8	107
10	Grazing deteriorates the soil carbon stocks of Caatinga forest ecosystems in Brazil. <i>Forest Ecology and Management</i> , 2016, 367, 62-70.	3.2	103
11	Climatic, ecophysiological, and phenological controls on plant ecohydrological strategies in seasonally dry ecosystems. <i>Ecohydrology</i> , 2015, 8, 660-681.	2.4	79
12	Taking the pulse of Earth's tropical forests using networks of highly distributed plots. <i>Biological Conservation</i> , 2021, 260, 108849.	4.1	71
13	Soil organic carbon, microbial biomass and enzyme activities responses to natural regeneration in a tropical dry region in Northeast Brazil. <i>Catena</i> , 2017, 151, 137-146.	5.0	54
14	Biodiversity of endophytic fungi in different leaf ages of <i>Calotropis procera</i> and their antimicrobial activity. <i>Fungal Ecology</i> , 2015, 14, 79-86.	1.6	53
15	Richness of gall-inducing insects in the tropical dry forest (caatinga) of Pernambuco. <i>Revista Brasileira De Entomologia</i> , 2011, 55, 45-54.	0.4	52
16	Do plant species with high relative growth rates have poorer chemical defences?. <i>Functional Ecology</i> , 1999, 13, 819-827.	3.6	50
17	Fungal endophytes from cactus <i>Cereus jamacaru</i> in Brazilian tropical dry forest: a first study. <i>Symbiosis</i> , 2013, 60, 53-63.	2.3	47
18	Revealing areas of high nature conservation importance in a seasonally dry tropical forest in Brazil: Combination of modelled plant diversity hot spots and threat patterns. <i>Journal for Nature Conservation</i> , 2017, 35, 24-39.	1.8	44

#	ARTICLE	IF	CITATIONS
19	Interspecific consistency and intraspecific variability of specific leaf area with respect to irradiance and nutrient availability. <i>Ecoscience</i> , 2003, 10, 74-79.	1.4	37
20	Phenotypic plasticity and ecophysiological strategies in a tropical dry forest chronosequence: A study case with <i>Poincianella pyramidalis</i> . <i>Forest Ecology and Management</i> , 2015, 340, 62-69.	3.2	37
21	Grazing reduces plant species diversity of Caatinga dry forests in northeastern Brazil. <i>Applied Vegetation Science</i> , 2019, 22, 348-359.	1.9	34
22	Diversity of gall-inducing insects in the high altitude wetland forests in Pernambuco, Northeastern Brazil. <i>Brazilian Journal of Biology</i> , 2011, 71, 47-56.	0.9	34
23	Photosynthesis and antioxidant activity in <i>Jatropha curcas</i> L. under salt stress. <i>Brazilian Journal of Plant Physiology</i> , 2012, 24, 55-67.	0.5	34
24	Functional recovery of secondary tropical forests. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	34
25	Is crop yield related to weed species diversity and biomass in coconut and banana fields of northeastern Brazil?. <i>Agriculture, Ecosystems and Environment</i> , 2016, 220, 175-183.	5.3	33
26	Distribution pattern of herbivorous insects in a remnant of Brazilian Atlantic Forest. <i>Neotropical Entomology</i> , 2005, 34, 701-711.	1.2	28
27	Riqueza de galhas entomogênicas em áreas antropizadas e preservadas de caatinga. <i>Revista Arvore</i> , 2012, 36, 269-277.	0.5	27
28	Ecophysiological performance of <i>Calotropis procera</i> : an exotic and evergreen species in Caatinga, Brazilian semi-arid. <i>Acta Physiologiae Plantarum</i> , 2013, 35, 335.	2.1	24
29	Gall-inducing insects from Atlantic Forest of Pernambuco, Northeastern Brazil. <i>Biota Neotropica</i> , 2012, 12, 196-212.	1.0	24
30	Grazing, forest density, and carbon storage: towards a more sustainable land use in Caatinga dry forests of Brazil. <i>Regional Environmental Change</i> , 2018, 18, 1969-1981.	2.9	22
31	Spatial Structure and Aboveground Biomass in Different Caatinga Succession Stages, in Santa Terezinha, Paraíba. <i>Revista Brasileira De Geografia Fisica</i> , 2013, 6, 566-574.	0.1	21
32	How much nitrogen is fixed by biological symbiosis in tropical dry forests? 2. Herbs. <i>Nutrient Cycling in Agroecosystems</i> , 2012, 94, 181-192.	2.2	20
33	Leaf construction cost is related to water availability in three species of different growth forms in a Brazilian tropical dry forest. <i>Theoretical and Experimental Plant Physiology</i> , 2017, 29, 95-108.	2.4	19
34	Leaf epicuticular wax content changes under different rainfall regimes, and its removal affects the leaf chlorophyll content and gas exchanges of <i>Aspidosperma pyriforme</i> in a seasonally dry tropical forest. <i>South African Journal of Botany</i> , 2017, 111, 267-274.	2.5	19
35	Germination of <i>Prosopis juliflora</i> (Sw) DC seeds after scarification treatments. <i>Plant Species Biology</i> , 2011, 26, 186-192.	1.0	18
36	Morphology and anatomy of extrafloral nectaries in <i>Solanum stramonifolium</i> (Solanaceae). <i>Canadian Journal of Botany</i> , 2003, 81, 859-864.	1.1	17

#	ARTICLE	IF	CITATIONS
37	Germination of <i>Prosopis juliflora</i> (<i>Prosopis juliflora</i>) seeds at different osmotic potentials and temperatures. <i>Plant Species Biology</i> , 2014, 29, E9.	1.0	16
38	Seed Oil Content and Fatty Acid Composition from Different Populations of <i>Calotropis procera</i> (Aiton) W. T. Aiton (Apocynaceae). <i>JAOCs, Journal of the American Oil Chemists' Society</i> , 2014, 91, 1433-1441.	1.9	16
39	Fate of native and introduced seeds consumed by captive white-lipped and collared peccaries (<i>Tayassu</i>) <i>Tj ETQq1 1 0.784314 rgBT /O</i> <i>Biology</i> , 2010, 70, 47-53.	0.9	13
40	Plant Vigor Hypothesis refuted: preference-performance linkage of a gall-inducing weevil on small-sized host plant resources. <i>Brazilian Journal of Biology</i> , 2011, 71, 65-69.	0.9	13
41	Morphology and anatomy of a leaf mine in <i>Vismia guianensis</i> (Aubl.) Choisy (Clusiaceae) in a fragment of Brazilian Atlantic forest. <i>Brazilian Journal of Biology</i> , 2006, 66, 759-763.	0.9	12
42	The legacy of large dams and their effects on the water-land nexus. <i>Regional Environmental Change</i> , 2018, 18, 1883-1888.	2.9	12
43	First record of galls in the tree fern <i>Cyathea phalerata</i> (Cyatheaceae) from a Tropical Rainforest in Brazil. <i>Brazilian Journal of Biology</i> , 2018, 78, 799-801.	0.9	8
44	Floristic survey of the caatinga in areas with different grazing intensities, Pernambuco, Northeast Brazil. <i>Journal of Environmental Analysis and Progress</i> , 2016, 1, 43-51.	0.2	8
45	Variações nas concentrações de compostos fenólicos e nas taxas de herbivoria em <i>Aspidosperma pyrifolium</i> Mart. em áreas antropizadas de Caatinga. <i>Journal of Environmental Analysis and Progress</i> , 2017, 2, 61-71.	0.2	7
46	Effects of nutrient availability on the production of pentayne, a secondary compound related to defense, in <i>Rudbeckia hirta</i> . <i>Plant Species Biology</i> , 2003, 18, 85-89.	1.0	6
47	Growth and chemical defense in relation to resource availability: tradeoffs or common responses to environmental stress?. <i>Brazilian Journal of Biology</i> , 2004, 64, 187-194.	0.9	6
48	Goats foster endozoochoric dispersal of exotic species in a seasonally dry tropical forest ecosystem. <i>Journal of Arid Environments</i> , 2021, 188, 104473.	2.4	6
49	Impact of nematode-induced galls on <i>Miconia prasina</i> (Sw.) DC (Melastomataceae) traits in the Atlantic forest of northeastern Brazil. <i>Journal of Plant Interactions</i> , 2012, 7, 197-203.	2.1	5
50	Foliar cuticular n-alkane of some <i>Croton</i> species from Brazilian semiarid vegetation. <i>Biochemical Systematics and Ecology</i> , 2012, 41, 13-15.	1.3	5
51	No significant relationship exists between seedling relative growth rate under nutrient limitation and potential tissue toxicity. <i>Functional Ecology</i> , 2002, 16, 122-127.	3.6	4
52	A new species of <i>Brachendus</i> (Acari: Eriophyidae) associated with the white mangrove, <i>Laguncularia racemosa</i> (L.) Gaerten (Combretaceae), in Brazil. <i>International Journal of Acarology</i> , 2007, 33, 195-198.	0.7	4
53	Relationship between gall-midge parasitism, plant vigor, and developmental instability in <i>Ouratea polygyna</i> Engl (Ochnaceae) in a patch of a Brazilian Atlantic Forest. <i>Acta Botanica Brasilica</i> , 2015, 29, 274-277.	0.8	4
54	How pollinator visits are affected by flower damage and ants presence in <i>Ipomoea carnea</i> subs. <i>fistulosa</i> (Martius and Choise) (Convolvulaceae)?. <i>Brazilian Journal of Biology</i> , 2020, 80, 47-56.	0.9	4

#	ARTICLE	IF	CITATIONS
55	PHYSICAL AND CHEMICAL DEFENSES OF <i>Cenostigma pyramidale</i> (FABACEAE): A PIONEER SPECIES IN SUCCESSIONAL CAATINGA AREAS. <i>Revista Caatinga</i> , 2021, 34, 398-409.	0.7	4
56	Espécies de <i>Frankliniella</i> (Thysanoptera, Thripidae): novos registros em mangueira (<i>Mangifera indica</i>) no Brasil. <i>Ciencia Rural</i> , 2011, 41, 1709-1711.	0.5	3
57	Avaliação da germinação de sementes de <i>Spondias tuberosa</i> Arr. dispersas por caprinos. <i>Journal of Environmental Analysis and Progress</i> , 2020, 5, 186-193.	0.2	3
58	The bigger the better? Vigour of the exotic host plant <i>Calotropis procera</i> (Apocynaceae) affects herbivory. <i>Neotropical Biology and Conservation</i> , 2020, 15, 359-366.	0.9	3
59	Trade-off in plant-ant interactions: seasonal variations. <i>Brazilian Journal of Biology</i> , 2020, 80, 921-933.	0.9	3
60	Aquatic macrophytes and trophic interactions: a scientometric analyses and research perspectives. <i>Brazilian Journal of Biology</i> , 2019, 79, 617-624.	0.9	2
61	Caracterização morfológica de minas foliares em espécies de Melastomataceae de Mata Atlântica, PE. <i>Acta Botanica Brasilica</i> , 2010, 24, 599-604.	0.8	1
62	A sucessão florestal e a arquitetura vegetal influenciam a herbivoria em <i>Cenostigma pyramidale</i> em Floresta Tropical Sazonal Seca?. <i>Journal of Environmental Analysis and Progress</i> , 2021, 6, 352-362.	0.2	1
63	<i>Calotropis procera</i> : um levantamento preliminar sobre as suas capacidades de fitoextração no Brasil. <i>Neotropical Biology and Conservation</i> , 2013, 8, .	0.9	1
64	Ecofisiologia da Germinação de Sementes de <i>Anadenanthera colubrina</i> (Vell.) Brenan (Fabaceae). <i>Gaia Scientia</i> , 2017, 11, .	0.0	1
65	Variação temporal e espacial da artropodofauna associada a <i>Ipomoea carnea</i> subs. <i>fistulosa</i> (Convolvulaceae) em um ecossistema de Floresta Tropical Seca. <i>Journal of Environmental Analysis and Progress</i> , 0, , 356-378.	0.2	1
66	Avaliação de ecossistemas florestais – estudo de caso da mata ciliar do Pajeú. <i>Brazilian Journal of Environmental Sciences (Online)</i> , 2020, 55, 354-380.	0.4	1
67	Efeito da regeneração florestal de uma Floresta Tropical Sazonalmente Seca sobre a diversidade de artrópodes de serapilheira. <i>Revista Brasileira De Geografia Física</i> , 2020, 13, 1688.	0.1	1
68	Interdisciplinaridade em Ciências Ambientais: Monitoramento Ambiental na Prevenção de Futuras Pandemias. <i>Historia Ambiental Latinoamericana Y Caribena</i> , 2022, 12, 322-352.	0.2	1
69	Herbivory and leaf traits of two tree species from different successional stages in a tropical dry forest. <i>Neotropical Biodiversity</i> , 2021, 7, 266-275.	0.5	0
70	Plant organ abscission and the green island effect caused by a coleopteran's gall on <i>Miconia cf cinnamomifolia</i> (Melastomataceae): larval survival and mortality factors. <i>Journal of Environmental Analysis and Progress</i> , 0, , 1-6.	0.2	0
71	Efeitos indiretos de predadores sobre o comportamento dos polinizadores de <i>Ipomoea carnea</i> subs. <i>fistulosa</i> (Convolvulaceae) em Floresta Tropical Seca. <i>Journal of Environmental Analysis and Progress</i> , 2020, 5, 049-057.	0.2	0
72	Submerged Macrophytes, Phytoplankton and Zooplankton in Tropical Reservoir. <i>Revista Brasileira De Geografia Física</i> , 2020, 13, 2170.	0.1	0

#	ARTICLE	IF	CITATIONS
73	Variaç�o sazonal das redes de intera�es planta-artr�podes em Floresta Tropical Sazonalmente Seca. Revista Brasileira De Geografia Fisica, 2020, 13, 2671.	0.1	0