

Heraldo L Vasconcelos

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160
papers

7,667
citations

43
h-index

84
g-index

164
ext. papers

8,853
ext. citations

3.9
avg, IF

5.91
L-index

#	Paper	IF	Citations
160	Ecosystem Decay of Amazonian Forest Fragments: a 22-Year Investigation. <i>Conservation Biology</i> , 2002 , 16, 605-618	6	1157
159	The fate of Amazonian forest fragments: A 32-year investigation. <i>Biological Conservation</i> , 2011 , 144, 56-67	6.2	562
158	Matrix habitat and species richness in tropical forest remnants. <i>Biological Conservation</i> , 1999 , 91, 223-228.	6.2	556
157	Rainforest fragmentation kills big trees. <i>Nature</i> , 2000 , 404, 836	50.4	413
156	Global decomposition experiment shows soil animal impacts on decomposition are climate-dependent. <i>Global Change Biology</i> , 2008 , 14, 2661-2677	11.4	307
155	Climatic drivers of hemispheric asymmetry in global patterns of ant species richness. <i>Ecology Letters</i> , 2009 , 12, 324-33	10	191
154	Stability and phylogenetic correlation in gut microbiota: lessons from ants and apes. <i>Molecular Ecology</i> , 2014 , 23, 1268-83	5.7	168
153	The biodiversity cost of carbon sequestration in tropical savanna. <i>Science Advances</i> , 2017 , 3, e1701284	14.3	164
152	Forest fragmentation in central Amazonia and its effects on litter-dwelling ants. <i>Biological Conservation</i> , 1999 , 91, 151-157	6.2	150
151	Forest loss and fragmentation in the Amazon: implications for wildlife conservation. <i>Oryx</i> , 2000 , 34, 39-45.	5	111
150	Deforestation in Amazonia. <i>Science</i> , 2004 , 304, 1109-11	33.3	109
149	The database of the PREDICTS (Projecting Responses of Ecological Diversity In Changing Terrestrial Systems) project. <i>Ecology and Evolution</i> , 2017 , 7, 145-188	2.8	101
148	Effects of forest disturbance on the structure of ground-foraging ant communities in central Amazonia. <i>Biodiversity and Conservation</i> , 1999 , 8, 407-418	3.4	100
147	Mutualism between <i>Maieta guianensis</i> Aubl., a myrmecophytic melastome, and one of its ant inhabitants: ant protection against insect herbivores. <i>Oecologia</i> , 1991 , 87, 295-298	2.9	95
146	Responses of ants to selective logging of a central Amazonian forest. <i>Journal of Applied Ecology</i> , 2000 , 37, 508-514	5.8	92
145	Do herbivores exert top-down effects in Neotropical savannas? Estimates of biomass consumption by leaf-cutter ants. <i>Journal of Vegetation Science</i> , 2008 , 19, 849-854	3.1	91
144	Canopy connectivity and the availability of diverse nesting resources affect species coexistence in arboreal ants. <i>Journal of Animal Ecology</i> , 2011 , 80, 352-60	4.7	85

143	Cheating the cheater: domatia loss minimizes the effects of ant castration in an Amazonian ant-plant. <i>Oecologia</i> , 2002 , 133, 200-205	2.9	77
142	Influence of habitat, litter type, and soil invertebrates on leaf-litter decomposition in a fragmented Amazonian landscape. <i>Oecologia</i> , 2005 , 144, 456-62	2.9	76
141	Relationship between tree size and insect assemblages associated with <i>Anadenanthera macrocarpa</i> . <i>Ecography</i> , 2006 , 29, 442-450	6.5	73
140	Forest loss and fragmentation in the Amazon: implications for wildlife conservation. <i>Oryx</i> , 2000 , 34, 39	1.5	69
139	LITTER PRODUCTION AND LITTER NUTRIENT CONCENTRATIONS IN A FRAGMENTED AMAZONIAN LANDSCAPE 2004 , 14, 884-892		68
138	Dynamics of the leaf-litter arthropod fauna following fire in a neotropical woodland savanna. <i>PLoS ONE</i> , 2009 , 4, e7762	3.7	67
137	Global diversity in light of climate change: the case of ants. <i>Diversity and Distributions</i> , 2011 , 17, 652-662	5	66
136	GlobalAnts: a new database on the geography of ant traits (Hymenoptera: Formicidae). <i>Insect Conservation and Diversity</i> , 2017 , 10, 5-20	3.8	63
135	Leaf-cutting ants and early forest regeneration in central Amazonia: effects of herbivory on tree seedling establishment. <i>Journal of Tropical Ecology</i> , 1997 , 13, 357-370	1.3	62
134	Ant diversity in an Amazonian savanna: Relationship with vegetation structure, disturbance by fire, and dominant ants. <i>Austral Ecology</i> , 2008 , 33, 221-231	1.5	61
133	A pest is a pest is a pest? The dilemma of neotropical leaf-cutting ants: Keystone taxa of natural ecosystems. <i>Environmental Management</i> , 1989 , 13, 671-675	3.1	60
132	Seed predators limit plant recruitment in Neotropical savannas. <i>Oikos</i> , 2011 , 120, 1013-1022	4	59
131	Global climate change increases risk of crop yield losses and food insecurity in the tropical Andes. <i>Global Change Biology</i> , 2018 , 24, e592-e602	11.4	58
130	Changes in leaf-cutting ant populations (Formicidae: Attini) after the clearing of mature forest in Brazilian Amazonia. <i>Studies on Neotropical Fauna and Environment</i> , 1995 , 30, 107-113	0.6	56
129	Patterns of ant species diversity and turnover across 2000 km of Amazonian floodplain forest. <i>Journal of Biogeography</i> , 2010 , 37, 432-440	4.1	55
128	Invertebrate conservation in urban areas: Ants in the Brazilian Cerrado. <i>Landscape and Urban Planning</i> , 2007 , 81, 193-199	7.7	53
127	Roads Alter the Colonization Dynamics of a Keystone Herbivore in Neotropical Savannas ¹ . <i>Biotropica</i> , 2006 , 38, 661-665	2.3	53
126	Revisiting the pyrodiversityBiodiversity hypothesis: long-term fire regimes and the structure of ant communities in a Neotropical savanna hotspot. <i>Journal of Applied Ecology</i> , 2014 , 51, 1661-1668	5.8	52

125	Effects of Amazonian forest fragmentation on the interaction between plants, insect herbivores, and their natural enemies. <i>Journal of Tropical Ecology</i> , 2008 , 24, 57-64	1.3	50
124	Ant colonization of <i>Maieta guianensis</i> seedlings, an Amazon ant-plant. <i>Oecologia</i> , 1993 , 95, 439-443	2.9	50
123	The effect of habitat fragmentation on communities of mutualists: Amazonian ants and their host plants. <i>Biological Conservation</i> , 2005 , 124, 209-216	6.2	49
122	Long-term effects of forest fragmentation on Amazonian ant communities. <i>Journal of Biogeography</i> , 2006 , 33, 1348-1356	4.1	49
121	Neotropical savanna ants show a reversed latitudinal gradient of species richness, with climatic drivers reflecting the forest origin of the fauna. <i>Journal of Biogeography</i> , 2018 , 45, 248-258	4.1	48
120	Habitat diversity enhances ant diversity in a naturally heterogeneous Brazilian landscape. <i>Biodiversity and Conservation</i> , 2012 , 21, 797-809	3.4	46
119	Climate mediates the effects of disturbance on ant assemblage structure. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015 , 282, 20150418	4.4	45
118	Interspecific variation in the defensive responses of obligate plant-ants: experimental tests and consequences for herbivory. <i>Oecologia</i> , 2004 , 138, 558-65	2.9	43
117	Foraging activity of two species of leaf-cutting ants (<i>Atta</i>) in a primary forest of the Central Amazon. <i>Insectes Sociaux</i> , 1990 , 37, 131-145	1.5	43
116	A new method based on taxonomic sufficiency to simplify studies on Neotropical ant assemblages. <i>Biological Conservation</i> , 2010 , 143, 2832-2839	6.2	39
115	Evaluation of three methods for sampling ground-dwelling Ants in the Brazilian Cerrado. <i>Neotropical Entomology</i> , 2008 , 37, 399-405	1.2	38
114	Contrasting Effects of Fire on Arboreal and Ground-Dwelling Ant Communities of a Neotropical Savanna. <i>Biotropica</i> , 2012 , 44, 254-261	2.3	36
113	Influence of Azteca alfari Ants on the Exploitation of Cecropia Trees by a Leaf-Cutting Ant. <i>Biotropica</i> , 1997 , 29, 84-92	2.3	35
112	Leaf nutrient content and host plant selection by leaf-cutter ants, <i>Atta</i> laevigata, in a Neotropical savanna. <i>Entomologia Experimentalis Et Applicata</i> , 2009 , 130, 47-54	2.1	33
111	Relationship between Plant Size and Ant Associates in Two Amazonian Ant-Plants1. <i>Biotropica</i> , 2000 , 32, 100-111	2.3	33
110	Co-occurrence patterns in a diverse arboreal ant community are explained more by competition than habitat requirements. <i>Ecology and Evolution</i> , 2016 , 6, 8907-8918	2.8	33
109	Influence of Topography on the Distribution of Ground-Dwelling Ants in an Amazonian Forest. <i>Studies on Neotropical Fauna and Environment</i> , 2003 , 38, 115-124	0.6	32
108	Biogeography of mutualistic fungi cultivated by leafcutter ants. <i>Molecular Ecology</i> , 2017 , 26, 6921-6937	5.7	31

107	The most relictual fungus-farming ant species cultivates the most recently evolved and highly domesticated fungal symbiont species. <i>American Naturalist</i> , 2015 , 185, 693-703	3.7	30
106	Rain-forest fragmentation and the phenology of Amazonian tree communities. <i>Journal of Tropical Ecology</i> , 2003 , 19, 343-347	1.3	30
105	Habitat disturbance selects against both small and large species across varying climates. <i>Ecography</i> , 2018 , 41, 1184-1193	6.5	28
104	Attack frequency and the tolerance to herbivory of Neotropical savanna trees. <i>Oecologia</i> , 2012 , 168, 405-14	2.9	27
103	Multi-scale ant diversity in savanna woodlands: an intercontinental comparison. <i>Austral Ecology</i> , 2011 , 36, 983-992	1.5	27
102	The molecular phylogenetics of Trachymyrmex Forel ants and their fungal cultivars provide insights into the origin and coevolutionary history of Higher-attine ant agriculture. <i>Systematic Entomology</i> , 2019 , 44, 939-956	3.4	26
101	Extrafloral nectaries have a limited effect on the structure of arboreal ant communities in a Neotropical savanna. <i>Ecology</i> , 2015 , 96, 231-40	4.6	26
100	The importance of remnants of natural vegetation for maintaining ant diversity in Brazilian agricultural landscapes. <i>Biodiversity and Conservation</i> , 2013 , 22, 983-997	3.4	26
99	Beta diversity of orchid bees in a tropical biodiversity hotspot. <i>Biodiversity and Conservation</i> , 2013 , 22, 1647-1661	3.4	25
98	Hitchhiking behaviour in leaf-cutter ants: An experimental evaluation of three hypotheses. <i>Insectes Sociaux</i> , 2006 , 53, 326-332	1.5	25
97	Cyatta abscondita: taxonomy, evolution, and natural history of a new fungus-farming ant genus from Brazil. <i>PLoS ONE</i> , 2013 , 8, e80498	3.7	25
96	Contributions of C. <i>Oecologia</i> , 1999 , 119, 91	2.9	25
95	Mountain Ecosystems as Natural Laboratories for Climate Change Experiments. <i>Frontiers in Forests and Global Change</i> , 2020 , 3,	3.7	24
94	BIOFRAG - a new database for analyzing BIOdiversity responses to forest FRAGmentation. <i>Ecology and Evolution</i> , 2014 , 4, 1524-37	2.8	24
93	Effects of fire disturbance on ant abundance and diversity: a global meta-analysis. <i>Biodiversity and Conservation</i> , 2017 , 26, 177-188	3.4	24
92	Strength of the modular pattern in Amazonian symbiotic ant-plant networks. <i>Arthropod-Plant Interactions</i> , 2013 , 7, 455-461	2.2	24
91	Fire Increases Insect Herbivory in a Neotropical Savanna. <i>Biotropica</i> , 2011 , 43, 612-618	2.3	24
90	Resilient networks of ant-plant mutualists in Amazonian forest fragments. <i>PLoS ONE</i> , 2012 , 7, e40803	3.7	23

89	Dominance-diversity relationships in ant communities differ with invasion. <i>Global Change Biology</i> , 2018 , 24, 4614-4625	11.4	23
88	Contrasting Responses to Induction Cues by Ants Inhabiting <i>Maieta guianensis</i> (Melastomataceae). <i>Biotropica</i> , 2003 , 35, 295-300	2.3	22
87	REVISÃO DOS EFEITOS DO FOGO SOBRE A FAUNA DE FORMIGAS SAVÂNICAS DO BRASIL. <i>Oecologia Australis</i> , 2011 , 15, 365-379	1.6	22
86	Long-term persistence of a neotropical ant-plant population in the absence of obligate plant-ants. <i>Ecology</i> , 2009 , 90, 2375-83	4.6	21
85	A global database of ant species abundances. <i>Ecology</i> , 2017 , 98, 883-884	4.6	20
84	Biotic drivers of seedling establishment in Neotropical savannas: selective granivory and seedling herbivory by leaf-cutter ants as an ecological filter. <i>Journal of Ecology</i> , 2017 , 105, 132-141	6	20
83	The effect of wilting on the selection of leaves by the leaf-cutting ant <i>Atta laevigata</i> . <i>Entomologia Experimentalis Et Applicata</i> , 1996 , 78, 215-220	2.1	20
82	Canopy and litter ant assemblages share similar climate-species density relationships. <i>Biology Letters</i> , 2010 , 6, 769-72	3.6	19
81	Nesting biology of the fungus growing ants <i>Mycetarotes</i> Emery (Attini, Formicidae). <i>Insectes Sociaux</i> , 2004 , 51, 333-338	1.5	19
80	Comunidade de formigas que nidificam em pequenos galhos da serrapilheira em floresta da Amazônia Central, Brasil. <i>Revista Brasileira De Entomologia</i> , 2002 , 46, 115-121	0.9	19
79	Ants and plant size shape the structure of the arthropod community of <i>Hirtella myrmecophila</i> , an Amazonian ant-plant. <i>Ecological Entomology</i> , 2005 , 30, 650-656	2.1	19
78	Plant Ontogeny as a Conditionality Factor in the Protective Effect of Ants on a Neotropical Tree. <i>Biotropica</i> , 2016 , 48, 198-205	2.3	19
77	No Net Loss of Species Diversity After Prescribed Fires in the Brazilian Savanna. <i>Frontiers in Forests and Global Change</i> , 2020 , 3,	3.7	18
76	The Potential Role of Scattered Trees for Ant Conservation in an Agriculturally Dominated Neotropical Landscape. <i>Biotropica</i> , 2013 , 45, 644-651	2.3	18
75	Searching for <i>Euglossa cyanochlora</i> Moure, 1996 (Hymenoptera: Apidae), one of the rarest bees in the world. <i>Journal of Insect Conservation</i> , 2012 , 16, 745-755	2.1	18
74	Fire drives the reproductive responses of herbaceous plants in a Neotropical swamp. <i>Plant Ecology</i> , 2013 , 214, 1479-1484	1.7	18
73	Recognition of Host Plant Volatiles by <i>Pheidole minutula</i> Mayr (Myrmicinae), an Amazonian Ant-Plant Specialist. <i>Biotropica</i> , 2009 , 41, 642-646	2.3	18
72	Foraging activity of an Amazonian leaf-cutting ant: responses to changes in the availability of woody plants and to previous plant damage. <i>Oecologia</i> , 1997 , 112, 370-378	2.9	18

71	Roads increase population growth rates of a native leaf-cutter ant in Neotropical savannahs. <i>Journal of Applied Ecology</i> , 2016 , 53, 983-992	5.8	18
70	Fuzzy parameters in a partial differential equation model for population dispersal of leaf-cutting ants. <i>Nonlinear Analysis: Real World Applications</i> , 2011 , 12, 3397-3412	2.1	17
69	Amphibians on Amazonian Land-Bridge Islands are Affected More by Area Than Isolation. <i>Biotropica</i> , 2015 , 47, 369-376	2.3	16
68	Effectiveness of two sampling protocols to survey orchid bees (Hymenoptera: Apidae) in the Neotropics. <i>Journal of Insect Conservation</i> , 2014 , 18, 197-202	2.1	16
67	Arthropod responses to the experimental isolation of Amazonian forest fragments. <i>Zoologia</i> , 2012 , 29, 515-530	2	16
66	Nesting biology and fungiculture of the fungus-growing ant, <i>Mycetogroicus cerradensis</i> : new light on the origin of higher attine agriculture. <i>Journal of Insect Science</i> , 2011 , 11, 12	2	16
65	Contrasting Responses to Induction Cues by Ants Inhabiting <i>Maieta guianensis</i> (Melastomataceae)1. <i>Biotropica</i> , 2003 , 35, 295	2.3	16
64	Contributions of C and C plants to higher trophic levels in an Amazonian savanna. <i>Oecologia</i> , 1999 , 119, 91-96	2.9	16
63	From over to undercompensation: Variable responses to herbivory during ontogeny of a Neotropical monocarpic plant. <i>Biotropica</i> , 2016 , 48, 608-617	2.3	15
62	The public perception of animal diversity: what do postage stamps tell us?. <i>Frontiers in Ecology and the Environment</i> , 2013 , 11, 9-10	5.5	14
61	Understanding what bioindicators are actually indicating: Linking disturbance responses to ecological traits of dung beetles and ants. <i>Ecological Indicators</i> , 2020 , 108, 105764	5.8	14
60	Rediscovery of the enigmatic fungus-farming ant "Mycetosoritis" asper Mayr (Hymenoptera: Formicidae): Implications for taxonomy, phylogeny, and the evolution of agriculture in ants. <i>PLoS ONE</i> , 2017 , 12, e0176498	3.7	13
59	Geographical and socioeconomic determinants of species discovery trends in a biodiversity hotspot. <i>Biological Conservation</i> , 2018 , 220, 237-244	6.2	13
58	Estratificaç� vertical de formigas em cerrado strictu sensu no Parque Estadual da Serra de Caldas Novas, Goi�, Brasil. <i>Iheringia - Serie Zoologia</i> , 2008 , 98, 311-316	0.9	13
57	The Azteca-Cecropia Association: Are Ants Always Necessary for Their Host Plants?. <i>Biotropica</i> , 2004 , 36, 641-646	2.3	13
56	Long-term ecology of orchid bees in an urban forest remnant. <i>Apidologie</i> , 2015 , 46, 359-368	2.3	12
55	Discovery and defense define the social foraging strategy of Neotropical arboreal ants. <i>Behavioral Ecology and Sociobiology</i> , 2018 , 72, 1	2.5	12
54	Fauna in decline: meek shall inherit. <i>Science</i> , 2014 , 345, 1129	33.3	12

53	Short-term effects of elevated precipitation and nitrogen on soil fertility and plant growth in a Neotropical savanna. <i>Ecosphere</i> , 2012 , 3, art31	3.1	12
52	Patterns of diversity and abundance of fungus-growing ants (Formicidae: Attini) in areas of the Brazilian Cerrado. <i>Revista Brasileira De Zoologia</i> , 2008 , 25, 445-450		12
51	Distribution of sandflies (Diptera: Phlebotominae) in forest remnants and adjacent matrix habitats in Brazilian Amazonia. <i>Brazilian Journal of Biology</i> , 2003 , 63, 401-10	1.5	12
50	Macroecological patterns and correlates of ant-tree interaction networks in Neotropical savannas. <i>Global Ecology and Biogeography</i> , 2019 , 28, 1283-1294	6.1	11
49	Congruent spatial patterns of ant and tree diversity in Neotropical savannas. <i>Biodiversity and Conservation</i> , 2019 , 28, 1075-1089	3.4	11
48	Evaluating sampling sufficiency and the use of surrogates for assessing ant diversity in a Neotropical biodiversity hotspot. <i>Ecological Indicators</i> , 2014 , 46, 286-292	5.8	11
47	Asymmetric dispersal and colonization success of Amazonian plant-ants queens. <i>PLoS ONE</i> , 2011 , 6, e22937	3.7	11
46	Cooperative colony founding alters the outcome of interspecific competition between Amazonian plant-ants. <i>Insectes Sociaux</i> , 2009 , 56, 341-345	1.5	11
45	Subterranean Pitfall Traps: Is It Worth Including Them in Your Ant Sampling Protocol?. <i>Psyche: Journal of Entomology</i> , 2012 , 2012, 1-9	0.2	11
44	Leaf-litter decomposition in Amazonian forest fragments. <i>Journal of Tropical Ecology</i> , 2005 , 21, 699-702	1.3	11
43	Levels of leaf Herbivory in Amazonian trees from different stages In forest regeneration. <i>Acta Amazonica</i> , 1999 , 29, 615-623	0.8	11
42	Effect of mutualist partner identity on plant demography. <i>Ecology</i> , 2014 , 95, 3237-3243	4.6	10
41	Interspecific variation in the defensive responses of ant mutualists to plant volatiles. <i>Biological Journal of the Linnean Society</i> , 2008 , 94, 241-249	1.9	10
40	Species Turnover and Vertical Partitioning of Ant Assemblages in the Brazilian Amazon: A Comparison of Forests and Savannas1. <i>Biotropica</i> , 2005 , 38, 051207072004005	2.3	10
39	Mammalia, Esta^ ı̃ Ecol^ ı̃ gica do Panga, a Cerrado protected area in Minas Gerais state, Brazil. <i>Check List</i> , 2010 , 6, 668	1	9
38	From species to individuals: does the variation in ant-plant networks scale result in structural and functional changes?. <i>Population Ecology</i> , 2018 , 60, 309-318	2.1	8
37	Seed removal patterns of pioneer trees in an agricultural landscape. <i>Plant Ecology</i> , 2017 , 218, 737-748	1.7	7
36	Nest architecture, fungus gardens, queen, males and larvae of the fungus-growing ant Brand^ ı̃ & Mayh^ ı̃ -Nunes. <i>Insectes Sociaux</i> , 2013 , 60, 531-542	1.5	7

35	Plant palatability to leaf-cutter ants (<i>Atta laevigata</i>) and litter decomposability in a Neotropical woodland savanna. <i>Austral Ecology</i> , 2011 , 36, 504-510	1.5	7
34	Biology of the relict fungus-farming ant <i>Apterostigma megacephala</i> Lattke, including descriptions of the male, gyne, and larva. <i>Insectes Sociaux</i> , 2017 , 64, 329-346	1.5	6
33	Revisiting ecological dominance in arboreal ants: how dominant usage of nesting resources shapes community assembly. <i>Oecologia</i> , 2020 , 194, 151-163	2.9	6
32	Adaptive foraging of leaf-cutter ants to spatiotemporal changes in resource availability in Neotropical savannas. <i>Ecological Entomology</i> , 2019 , 44, 227-238	2.1	6
31	Ecosystem engineering in the arboreal realm: heterogeneity of wood-boring beetle cavities and their use by cavity-nesting ants. <i>Oecologia</i> , 2021 , 196, 427-439	2.9	5
30	The Program for Biodiversity Research in Brazil: The role of regional networks for biodiversity knowledge, dissemination, and conservation. <i>Anais Da Academia Brasileira De Ciencias</i> , 2021 , 93, e20201604	1.4	5
29	Effects of land-use changes on ecosystem services: decrease in ant predation in human-dominated landscapes in central Brazil. <i>Entomologia Experimentalis Et Applicata</i> , 2017 , 162, 302-308	2.1	4
28	Geographic variation in the protective effects of ants and trichomes in a Neotropical ant-plant. <i>Plant Ecology</i> , 2015 , 216, 1083-1090	1.7	4
27	FragSAD: A database of diversity and species abundance distributions from habitat fragments. <i>Ecology</i> , 2019 , 100, e02861	4.6	3
26	Inter-generic and inter-habitat variation in the demand for sodium by Neotropical ants. <i>Insectes Sociaux</i> , 2015 , 62, 133-140	1.5	3
25	Developmental changes in factors limiting colony survival and growth of the leaf-cutter ant <i>Atta laevigata</i> . <i>Ecography</i> , 2010 ,	6.5	3
24	Variaç ^õ es espaç ^o -temporal na atividade forrageira da Sa ^õ a (<i>Atta laevigata</i>). <i>Acta Amazonica</i> , 2002 , 32, 141-154	0.8	3
23	ATLANTIC ANTS: a data set of ants in Atlantic Forests of South America. <i>Ecology</i> , 2021 , e03580	4.6	3
22	Do an ecosystem engineer and environmental gradient act independently or in concert to shape juvenile plant communities? Tests with the leaf-cutter ant in a Neotropical savanna. <i>PeerJ</i> , 2018 , 6, e5612	3.1	3
21	Active modification of cavity nest-entrances is a common strategy in arboreal ants. <i>Biotropica</i> , 2021 , 53, 857-867	2.3	3
20	Multi-population seedling and soil transplants show possible responses of a common tropical montane tree species (<i>Weinmannia bangii</i>) to climate change. <i>Journal of Ecology</i> , 2021 , 109, 62-73	6	3
19	Revisiting florivory: an integrative review and global patterns of a neglected interaction. <i>New Phytologist</i> , 2022 , 233, 132-144	9.8	3
18	Why do <i>Pheidole oxyops</i> (Forel, 1908) ants place feathers around their nests?. <i>Ecological Entomology</i> , 2019 , 44, 451-456	2.1	2

17	Functional richness shows spatial scale dependency in ant assemblages from Neotropical savannas. <i>Ecology and Evolution</i> , 2019 , 9, 11734-11741	2.8	2
16	New distribution records of the savanna specialist fungus-farming ant <i>Sosa-Calvo et al.</i> (Hymenoptera: Formicidae: Myrmicinae). <i>Biodiversity Data Journal</i> , 2016 , e10673	1.8	2
15	Ant diversity in Neotropical savannas: Hierarchical processes acting at multiple spatial scales. <i>Journal of Animal Ecology</i> , 2020 , 89, 412-422	4.7	2
14	Annual litter production in a Brazilian Cerrado woodland savanna. <i>Southern Forests</i> , 2020 , 82, 65-69	0.6	2
13	Effects of experimental nitrogen enrichment on soil properties and litter decomposition in a Neotropical savanna. <i>Austral Ecology</i> , 2020 , 45, 1093	1.5	2
12	Severe fires alter the outcome of the mutualism between ants and a Neotropical savanna tree. <i>Biological Journal of the Linnean Society</i> , 2020 , 131, 476-486	1.9	2
11	How much leaf area do insects eat? A data set of insect herbivory sampled globally with a standardized protocol. <i>Ecology</i> , 2021 , 102, e03301	4.6	2
10	Assessing the fire resilience of the savanna tree component through a functional approach. <i>Acta Oecologica</i> , 2021 , 111, 103728	1.7	2
9	Extranuptial nectaries in flowers: ants increase the reproductive success of the ant-plant <i>Miconia tocooca</i> (Melastomataceae). <i>Plant Biology</i> , 2020 , 22, 917-923	3.7	1
8	Trophic ecology of the arboreal and ground ant communities in forests and savannas of central Brazil. <i>Ecological Entomology</i> , 2021 , 46, 936-945	2.1	1
7	Dung beetle functions in tropical planted pastures were barely explained by management variables and not at all by community metrics. <i>Ecological Indicators</i> , 2021 , 125, 107598	5.8	1
6	Historical biogeography shapes functional ecology: Inter-continental contrasts in responses of savanna ant communities to stress and disturbance. <i>Journal of Biogeography</i> , 2022 , 49, 590-599	4.1	1
5	The effects of high-severity fires on the arboreal ant community of a Neotropical savanna. <i>Oecologia</i> , 2021 , 196, 951-961	2.9	0
4	Patterns of Ant Diversity in the Natural Grasslands of Southern Brazil. <i>Neotropical Entomology</i> , 2021 , 50, 725-735	1.2	0
3	The Azteca-Tecropia Association: Are Ants Always Necessary for Their Host Plants?1. <i>Biotropica</i> , 2004 , 36, 641	2.3	
2	Relationship between Plant Size and Ant Associates in Two Amazonian Ant-Plants1. <i>Biotropica</i> , 2000 , 32, 100	2.3	
1	Ecology of <i>Pheidole oxyops</i> Forel, 1908, a dominant ant in neotropical savannas. <i>Insectes Sociaux</i> , 2021 , 68, 69-75	1.5	