Bruno Corbara

List of Publications by Year
in descending order

88	2,093	236833	276775
papers	citations	25 h-index	41 g-index

89	89	89	2778
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Geographical variation in the traitâ€based assembly patterns of multitrophic invertebrate communities. Functional Ecology, 2023, 37, 73-86.	1.7	2
2	Ants mediate community composition of rootâ€associated fungi in an antâ€plant mutualism. Biotropica, 2022, 54, 645-655.	0.8	3
3	Overview of regionalâ€scale diversity patterns of freshwater algae in a Neotropical bromeliad ecosystem. Freshwater Biology, 2022, 67, 965-977.	1.2	2
4	Functional redundancy dampens precipitation change impacts on speciesâ€rich invertebrate communities across the Neotropics. Functional Ecology, 2022, 36, 1559-1572.	1.7	0
5	Climate change negatively affects Amazonian social wasps. Biological Journal of the Linnean Society, 2022, 136, 417-422.	0.7	1
6	Asynchronous recovery of predators and prey conditions resilience to drought in a neotropical ecosystem. Scientific Reports, 2022, 12, 8392.	1.6	2
7	Climate influences the response of community functional traits to local conditions in bromeliad invertebrate communities. Ecography, 2021, 44, 440-452.	2.1	4
8	Assemblages of anoxygenic phototrophic bacteria in tank bromeliads exhibit a hostâ€specific signature. Journal of Ecology, 2021, 109, 2550-2565.	1.9	5
9	Spatial and functional structure of an entire ant assemblage in a lowland Panamanian rainforest. Basic and Applied Ecology, 2021, 56, 32-44.	1.2	4
10	An uneasy alliance: a nesting association between aggressive ants and equally fierce social wasps. Insect Science, 2020, 27, 122-132.	1.5	4
11	Ecological determinants of community structure across the trophic levels of freshwater food webs: a test using bromeliad phytotelmata. Hydrobiologia, 2020, 847, 391-402.	1.0	5
12	Species niches, not traits, determine abundance and occupancy patterns: A multiâ€site synthesis. Global Ecology and Biogeography, 2020, 29, 295-308.	2.7	13
13	In situ resistance, not immigration, supports invertebrate community resilience to drought intensification in a Neotropical ecosystem. Journal of Animal Ecology, 2020, 90, 2015-2026.	1.3	3
14	Desiccation resistance traits predict freshwater invertebrate survival and community response to drought scenarios in a Neotropical ecosystem. Ecological Indicators, 2020, 119, 106839.	2.6	6
15	Resource availability drives bacterial succession during leaf-litter decomposition in a bromeliad ecosystem. FEMS Microbiology Ecology, 2020, 96, .	1.3	9
16	Extreme rainfall events alter the trophic structure in bromeliad tanks across the Neotropics. Nature Communications, 2020, 11, 3215.	5.8	33
17	Ecological response to altered rainfall differs across the Neotropics. Ecology, 2020, 101, e02984.	1.5	17
18	Ant Gardens. , 2020, , 1-4.		3

#	Article	IF	Citations
19	Ant and spider species as surrogates for functional community composition of epiphyte-associated invertebrates in a tropical moist forest. Ecological Indicators, 2019, 96, 694-700.	2.6	4
20	Saproxylic beetles in tropical and temperate forests â€“ A standardized comparison of vertical stratification patterns. Forest Ecology and Management, 2019, 444, 50-58.	1.4	18
21	Biotic and abiotic determinants of the formation of ant mosaics in primary Neotropical rainforests. Ecological Entomology, 2019, 44, 560-570.	1.1	14
22	A mimetic nesting association between a timid social wasp and an aggressive arboreal ant. Comptes Rendus - Biologies, 2018, 341, 182-188.	0.1	3
23	Tank bromeliads sustain high secondary production in neotropical forests. Aquatic Sciences, 2018, 80, 1.	0.6	10
24	Simulated drought regimes reveal community resilience and hydrological thresholds for altered decomposition. Oecologia, 2018, 187, 267-279.	0.9	7
25	Ants impact the composition of the aquatic macroinvertebrate communities of a myrmecophytic tank bromeliad. Comptes Rendus - Biologies, 2018, 341, 200-207.	0.1	3
26	An arboreal spider protects its offspring by diving into the water of tank bromeliads. Comptes Rendus - Biologies, 2018, 341, 196-199.	0.1	2
27	Antâ€“plant relationships in the canopy of an Amazonian rainforest: the presence of an ant mosaic. Biological Journal of the Linnean Society, 2018, 125, 344-354.	0.7	8
28	Functional traits and environmental conditions predict community isotopic niches and energy pathways across spatial scales. Functional Ecology, 2018, 32, 2423-2434.	1.7	20
29	Constraints on the functional trait space of aquatic invertebrates in bromeliads. Functional Ecology, 2018, 32, 2435-2447.	1.7	41
30	Highly modular pattern in ant-plant interactions involving specialized and non-specialized myrmecophytes. Die Naturwissenschaften, 2018, 105, 43.	0.6	10
31	The predatory behavior of the Neotropical social wasp Polybia rejecta. Behavioural Processes, 2017, 140, 161-168.	0.5	7
32	What drives detrital decomposition in neotropical tank bromeliads?. Hydrobiologia, 2017, 802, 85-95.	1.0	15
33	Ant-lepidopteran associations along African forest edges. Die Naturwissenschaften, 2017, 104, 7.	0.6	6
34	Hollow Internodes Permit a Neotropical Understory Plant to Shelter Multiple Mutualistic Ant Species, Obtaining Protection and Nutrient Provisioning (Myrmecotrophy). American Naturalist, 2017, 190, E124-E131.	1.0	10
35	Litter-dwelling ants as bioindicators to gauge the sustainability of small arboreal monocultures embedded in the Amazonian rainforest. Ecological Indicators, 2017, 82, 43-49.	2.6	18
36	Environmental drivers of invertebrate population dynamics in Neotropical tank bromeliads. Freshwater Biology, 2017, 62, 229-242.	1.2	31

#	Article	IF	Citations
37	The effects of food web structure on ecosystem function exceeds those of precipitation. Journal of Animal Ecology, 2016, 85, 1147-1160.	1.3	36
38	Unexpectedly high bacteriochlorophyll a concentrations in neotropical tank bromeliads. Environmental Microbiology Reports, 2016, 8, 689-698.	1.0	10
39	A cuckoo-like parasitic moth leads African weaver ant colonies to their ruin. Scientific Reports, 2016, 6, 23778.	1.6	5
40	The dynamics of ant mosaics in tropical rainforests characterized using the Selfâ€Organizing Map algorithm. Insect Science, 2016, 23, 630-637.	1.5	12
41	The contribution of microorganisms and metazoans to mineral nutrition in bromeliads. Journal of Plant Ecology, 2016, 9, 241-255.	1.2	47
42	Functional trait responses of aquatic macroinvertebrates to simulated drought in a Neotropical bromeliad ecosystem. Freshwater Biology, 2015, 60, 1917-1929.	1.2	32
43	Temperature: Diet Interactions Affect Survival through Foraging Behavior in a Bromeliadâ€Dwelling Predator. Biotropica, 2015, 47, 569-578.	0.8	7
44	How territoriality and host-tree taxa determine the structure of ant mosaics. Die Naturwissenschaften, 2015, 102, 33.	0.6	21
45	The fire ant Solenopsis saevissima and habitat disturbance alter ant communities. Biological Conservation, 2015, 187, 145-153.	1.9	12
46	Reciprocal protection from natural enemies in an ant-wasp association. Comptes Rendus - Biologies, 2015, 338, 255-259.	0.1	9
47	Traits allowing some ant species to nest syntopically with the fire ant Solenopsis saevissima in its native range. Insect Science, 2015, 22, 289-294.	1.5	5
48	Bat aggregation mediates the functional structure of ant assemblages. Comptes Rendus - Biologies, 2015, 338, 688-695.	0.1	3
49	Arthropod Distribution in a Tropical Rainforest: Tackling a Four Dimensional Puzzle. PLoS ONE, 2015, 10, e0144110.	1.1	102
50	A Tank Bromeliad Favors Spider Presence in a Neotropical Inundated Forest. PLoS ONE, 2014, 9, e114592.	1.1	19
51	Are ontogenetic shifts in foliar structure and resource acquisition spatially conditioned in tank-bromeliads?. Botanical Journal of the Linnean Society, 2014, 175, 299-312.	0.8	9
52	Reactions by army ant workers to nestmates having had contact with sympatric ant species. Comptes Rendus - Biologies, 2014, 337, 642-645.	0.1	3
53	Environmental determinants of macroinvertebrate diversity in small water bodies: insights from tank-bromeliads. Hydrobiologia, 2014, 723, 77-86.	1.0	38
54	Mutualistic ants contribute to tank-bromeliad nutrition. Annals of Botany, 2013, 112, 919-926.	1.4	29

#	Article	IF	Citations
55	New insights on the genetic diversity of the honeybee parasiteNosema ceranaebased onmultilocussequence analysis. Parasitology, 2013, 140, 1346-1356.	0.7	31
56	Food-Web Structure in Relation to Environmental Gradients and Predator-Prey Ratios in Tank-Bromeliad Ecosystems. PLoS ONE, 2013, 8, e71735.	1.1	42
57	Ant species identity mediates reproductive traits and allocation in an ant-garden bromeliad. Annals of Botany, 2012, 109, 145-152.	1.4	20
58	Arthropod Diversity in a Tropical Forest. Science, 2012, 338, 1481-1484.	6.0	445
59	An antâ€“plant mutualism induces shifts in the protist community structure of a tank-bromeliad. Basic and Applied Ecology, 2012, 13, 698-705.	1.2	17
60	The Ecology and Feeding Habits of the Arboreal Trap-Jawed Ant Daceton armigerum. PLoS ONE, 2012, 7, e37683.	1.1	24
61	The hunter becomes the hunted: when cleptobiotic insects are captured by their target ants. Die Naturwissenschaften, 2012, 99, 265-273.	0.6	7
62	When attempts at robbing prey turn fatal. Die Naturwissenschaften, 2012, 99, 579-582.	0.6	0
63	Understorey environments influence functional diversity in tankâ€bromeliad ecosystems. Freshwater Biology, 2012, 57, 815-823.	1.2	64
64	Trophic mediation by a fungus in an antâ€“plant mutualism. Journal of Ecology, 2011, 99, 583-590.	1.9	22
65	Ant-plant mutualisms promote functional diversity in phytotelm communities. Functional Ecology, 2011, 25, 954-963.	1.7	34
66	Climate Change Impact on Neotropical Social Wasps. PLoS ONE, 2011, 6, e27004.	1.1	37
67	Inherited Biotic Protection in a Neotropical Pioneer Plant. PLoS ONE, 2011, 6, e18071.	1.1	6
68	Are Algae Relevant to the Detritus-Based Food Web in Tank-Bromeliads?. PLoS ONE, 2011, 6, e20129.	1.1	56
69	A temporary social parasite of tropical plant-ants improves the fitness of a myrmecophyte. Die Naturwissenschaften, 2010, 97, 925-934.	0.6	10
70	The Weaver Wasp: Spinning Fungus into a Nest. Biotropica, 2010, 42, 402-404.	0.8	2
71	Arboreal Ants Use the â€œVelcroÂ® Principleâ€•to Capture Very Large Prey. PLoS ONE, 2010, 5, e11331.	1.1	31
72	Ants mediate the structure of phytotelm communities in an antâ€garden bromeliad. Ecology, 2010, 91, 1549-1556.	1.5	33

#	Article	IF	Citations
73	Nest relocation and high mortality rate in a Neotropical social wasp: Impact of an exceptionally rainy La NiÃ±a year. Comptes Rendus - Biologies, 2010, 333, 35-40.	0.1	13
74	Spatial Distribution of Dominant Arboreal Ants in a Malagasy Coastal Rainforest: Gaps and Presence of an Invasive Species. PLoS ONE, 2010, 5, e9319.	1.1	29
75	Potential sources of nitrogen in an ant-garden tank-bromeliad. Plant Signaling and Behavior, 2009, 4, 868-870.	1.2	8
76	Baseline study of the leafâ€litter ant fauna in a French Guianese forest. Insect Conservation and Diversity, 2009, 2, 183-193.	1.4	12
77	Ants mediate foliar structure and nitrogen acquisition in a tankâ€bromeliad. New Phytologist, 2009, 183, 1124-1133.	3.5	39
78	Diversity and nest site selection of social wasps along Guianese forest edges: assessing the influence of arboreal ants. Comptes Rendus - Biologies, 2009, 332, 470-479.	0.1	29
79	Ants as biological indicators of Wayana Amerindian land use in French Guiana. Comptes Rendus - Biologies, 2009, 332, 673-684.	0.1	32
80	Are myrmecophytes always better protected against herbivores than other plants?. Biological Journal of the Linnean Society, 2006, 89, 91-98.	0.7	23
81	Vertical stratification of the termite assemblage in a neotropical rainforest. Oecologia, 2006, 149, 301-311.	0.9	58
82	Arboreal ants build traps to capture prey. Nature, 2005, 434, 973-973.	13.7	108
83	The ladybird Thalassa saginata , an obligatory myrmecophile of Dolichoderus bidens ant colonies. Die Naturwissenschaften, 2004, 91, 97-100.	0.6	19
84	Influence of its associated ant species on the life history of the myrmecophyte Cordia nodosa in French Guiana. Journal of Tropical Ecology, 2004, 20, 701-704.	0.5	18
85	Selection and capture of prey in the African ponerine antPlectroctena minor (Hymenoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.5	11
86	A preliminary study of freshwater protozoa in tank bromeliads. Journal of Tropical Ecology, 2001, 17, 611-617.	0.5	37
87	Les Â« jardins de fourmis , une association plantes-fourmis originale. L' Annee Biologique, 1999, 38, 73-89.	0.2	12
88	Mise En Evidence D'Une Forme D'Apprentissage Dans Le Comportement De Capture Des Proies Chez Pachycondyla (=Neoponera) Villosa (Formicidae, Ponerinae). Behaviour, 1990, 115, 175-187.	0.4	22