

# F B Baccaro

## List of Publications by Year in descending order

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Version: 2024-02-01

85  
papers

1,755  
citations

361296

20  
h-index

345118

36  
g-index

93  
all docs

93  
docs citations

93  
times ranked

3045  
citing authors

#	ARTICLE	IF	CITATIONS
1	Water table level and soil texture are important drivers of dung beetle diversity in Amazonian lowland forests. <i>Applied Soil Ecology</i> , 2022, 170, 104260.	2.1	7
2	Assessing the efficacy of higher taxon approach for ant species surveys to improve biodiversity inventories. <i>Animal Conservation</i> , 2022, 25, 370-381.	1.5	2
3	Direct and indirect effects of geographic and environmental factors on ant beta diversity across Amazon basin. <i>Oecologia</i> , 2022, 198, 193-203.	0.9	5
4	Productivity correlates positively with mammalian diversity independently of the species' feeding guild, body mass, or the vertical strata explored by the species. <i>Mammal Review</i> , 2022, 52, 377-391.	2.2	3
5	Connecting Amazonian historical biogeography and local assemblages of understorey birds: Recurrent guild proportionality within areas of endemism. <i>Journal of Biogeography</i> , 2022, 49, 324-338.	1.4	6
6	Living in a tropical concrete jungle: diversity and abundance variation in a parrot assemblage (Aves). <i>Tropical Conservation and Science</i> , 2022, 10, 1-10.	1.1	6
7	Ant diversity studies in Brazil: an overview of the myrmecological research in a megadiverse country. <i>Insectes Sociaux</i> , 2022, 69, 105-121.	0.7	9
8	Use of Complementary Methods to Sample Bats in the Amazon. <i>Acta Chiropterologica</i> , 2022, 23, .	0.2	10
9	BEEBLE ASSEMBLAGE COMPOSITION (COLEOPTERA) ACROSS THE BORBOREMA PLATEAU IN NORTHEASTERN BRAZIL. <i>Revista Caatinga</i> , 2022, 35, 148-159.	0.3	1
10	Modeling potential invasion of stored-product pest <i>Cryptamorpha desjardinsii</i> (Guérin-Mèneville). <i>Tropical Conservation and Science</i> , 2022, 10, 1-10.	0.4	1
11	Forest fragments, primary and secondary forests harbour similar arthropod assemblages after 40 years of landscape regeneration in the Central Amazon. <i>Agricultural and Forest Entomology</i> , 2022, 24, 178-188.	0.7	2
12	A large-scale assessment of ant diversity across the Brazilian Amazon Basin: integrating geographic, ecological and morphological drivers of sampling bias. <i>Ecography</i> , 2022, 2022, .	2.1	3
13	Seasonal fluctuation of groundwater level influences local litter-dwelling ant richness, composition, and colonization in the Amazon rainforest. <i>Ecological Entomology</i> , 2021, 46, 220-231.	1.1	3
14	Sucessional trajetories of bird assemblages in amazonian secondary forests: Perspectives from complementary biodiversity dimensions. <i>Forest Ecology and Management</i> , 2021, 483, 118731.	1.4	5
15	For emergency only: terrestrial feeding in Coimbra-Filho's titis reflects seasonal arboreal resource availability. <i>Primates</i> , 2021, 62, 199-206.	0.7	6
16	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.	0.3	9
17	Soil fertility and anthropogenic disturbances drive mammal species richness and assemblage composition on tropical fluvial islands. <i>Austral Ecology</i> , 2021, 46, 792-801.	0.7	5
18	Amazon tree dominance across forest strata. <i>Nature Ecology and Evolution</i> , 2021, 5, 757-767.	3.4	27

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19	Competitive Interaction between Two Ant Species Facilitates Egg Hatching in Yellow-Spotted Amazon River Turtles ( <i>Podocnemis unifilis</i> ). <i>South American Journal of Herpetology</i> , 2021, 20, .	0.5	0
20	Ants of the State of Pará, Brazil: a historical and comprehensive dataset of a key biodiversity hotspot in the Amazon Basin. <i>Zootaxa</i> , 2021, 5001, 1-83.	0.2	3
21	Marked Differences in Butterfly Assemblage Composition between Forest Types in Central Amazonia, Brazil. <i>Forests</i> , 2021, 12, 942.	0.9	6
22	Taking the pulse of Earth's tropical forests using networks of highly distributed plots. <i>Biological Conservation</i> , 2021, 260, 108849.	1.9	71
23	Eighty-four per cent of all Amazonian arboreal plant individuals are useful to humans. <i>PLoS ONE</i> , 2021, 16, e0257875.	1.1	10
24	Fine roots stimulate nutrient release during early stages of leaf litter decomposition in a Central Amazon rainforest. <i>Plant and Soil</i> , 2021, 469, 287-303.	1.8	21
25	Sedimental Journey: Soil Fertility of Fluvial Islands Increases with Proximity to An Amazonian White-Water River. <i>Wetlands</i> , 2021, 41, 1.	0.7	2
26	Corrigendum to: "Do zombie ant fungi turn their hosts into light seekers?" <i>Behavioral Ecology</i> , 2021, 32, 199-199.	1.0	0
27	Editorial: The Ecology, Evolution, and Preservation of Biodiversity in Amazonian Floodplain Ecosystems. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	1.1	1
28	Variation in the production of plant tissues bearing extrafloral nectaries explains temporal patterns of ant attendance in Amazonian understorey plants. <i>Journal of Ecology</i> , 2020, 108, 1578-1591.	1.9	19
29	The role of environmental filtering, geographic distance and dispersal barriers in shaping the turnover of plant and animal species in Amazonia. <i>Biodiversity and Conservation</i> , 2020, 29, 3609-3634.	1.2	34
30	Juggling options: Manipulation ease determines primate optimal fruit size choice. <i>Biotropica</i> , 2020, 52, 1275-1285.	0.8	4
31	Long-term thermal sensitivity of Earth's tropical forests. <i>Science</i> , 2020, 368, 869-874.	6.0	198
32	Effect of Structural Variation of Dead Trunks on Passalid (Coleoptera: Passalidae) Assemblages in Central Amazonian Campinaranas. <i>Neotropical Entomology</i> , 2020, 49, 337-346.	0.5	3
33	Distribution of epigeic and hypogeic ants (Hymenoptera: Formicidae) in ombrophilous forests in the Brazilian Amazon. <i>Sociobiology</i> , 2020, 67, 186.	0.2	6
34	EFFECTS OF CLIMATE CHANGE ON CENTRAL AMAZONIAN FORESTS: A TWO DECADES SYNTHESIS OF MONITORING TROPICAL BIODIVERSITY. , 2020, 24, 317-335.		18
35	Air transportation, population density and temperature predict the spread of COVID-19 in Brazil. <i>PeerJ</i> , 2020, 8, e9322.	0.9	84
36	Relações alométricas entre os tamanhos de sementes artificiais removidas e de formigas em um fragmento florestal na Amazônia Central. <i>Boletim Do Museu Paraense Emílio Goeldi Ciências Naturais (Impresso)</i> , 2020, 15, 155-164.	0.1	1

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37	Aliens in the backyard: Did the American bullfrog conquer the habitat of native frogs in the semi-deciduous Atlantic Forest?. <i>Herpetological Journal</i> , 2020, , 93-98.	0.3	4
38	Can environmental complexity predict functional trait composition of ground-dwelling ant assemblages? A test across the Amazon Basin. <i>Acta Oecologica</i> , 2019, 99, 103434.	0.5	25
39	Arboreal ant abundance tracks primary productivity in an Amazonian whitewater river system. <i>Ecosphere</i> , 2019, 10, e02902.	1.0	5
40	Bird assemblages on Amazonian river islands: Patterns of species diversity and composition. <i>Biotropica</i> , 2019, 51, 903-912.	0.8	13
41	Temporal and spatial gradients of humidity shape the occurrence and the behavioral manipulation of ants infected by entomopathogenic fungi in Central Amazon. <i>Fungal Ecology</i> , 2019, 42, 100871.	0.7	8
42	The Amazonas trap: a new method for sampling plant-inhabiting arthropod communities in tropical forest understory. <i>Entomologia Experimentalis Et Applicata</i> , 2019, 167, 534-543.	0.7	5
43	Do zombie ant fungi turn their hosts into light seekers?. <i>Behavioral Ecology</i> , 2019, 30, 609-616.	1.0	24
44	From a bat's perspective, protected riparian areas should be wider than defined by Brazilian laws. <i>Journal of Environmental Management</i> , 2019, 232, 37-44.	3.8	17
45	The bitter end: primate avoidance of caterpillar-infested trees in a central Amazon flooded forest. <i>Canadian Journal of Zoology</i> , 2019, 97, 181-186.	0.4	1
46	Occurrence of triatomines (Hemiptera: Reduviidae) in domestic and natural environments in Novo Remanso, Itacoatiara, Amazonas, Brazil. <i>Revista Da Sociedade Brasileira De Medicina Tropical</i> , 2019, 52, e20190063.	0.4	5
47	Subtle changes in elevation shift bat assemblage structure in Central Amazonia. <i>Biotropica</i> , 2018, 50, 674-683.	0.8	24
48	Historical stability promoted higher functional specialization and originality in Neotropical stream fish assemblages. <i>Journal of Biogeography</i> , 2018, 45, 1345-1354.	1.4	19
49	Optimizing survey methods for spiders and harvestmen assemblages in an Amazonian upland forest. <i>Pedobiologia</i> , 2018, 67, 35-44.	0.5	5
50	Dominance-diversity relationships in ant communities differ with invasion. <i>Global Change Biology</i> , 2018, 24, 4614-4625.	4.2	39
51	Dissecting bird diversity in the Pantepui area of endemism, northern South America. <i>Journal of Ornithology</i> , 2018, 159, 1073-1086.	0.5	7
52	Effectiveness of genera as a higher-taxon substitute for species in ant biodiversity analyses is not affected by sampling technique. <i>Biodiversity and Conservation</i> , 2018, 27, 3425-3445.	1.2	10
53	Spatial patterns of medium and large size mammal assemblages in várzea and terra firme forests, Central Amazonia, Brazil. <i>PLoS ONE</i> , 2018, 13, e0198120.	1.1	33
54	Urban waste disposal explains the distribution of Black Vultures ( <i>Coragyps atratus</i> ) in an Amazonian metropolis: management implications for birdstrikes and urban planning. <i>PeerJ</i> , 2018, 6, e5491.	0.9	11

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55	The matrix effect: how agricultural matrices shape forest fragment structure and amphibian composition. <i>Journal of Biogeography</i> , 2017, 44, 1911-1922.	1.4	33
56	Limited effects of low-intensity forest management on ant assemblages in southwestern Amazonian forests. <i>Biodiversity and Conservation</i> , 2017, 26, 2435-2451.	1.2	9
57	A global database of ant species abundances. <i>Ecology</i> , 2017, 98, 883-884.	1.5	37
58	<i>GlobalAnts</i> : a new database on the geography of ant traits (Hymenoptera: Formicidae). <i>Insect Conservation and Diversity</i> , 2017, 10, 5-20.	1.4	119
59	Ecology shapes metabolic and life history scalings in termites. <i>Ecological Entomology</i> , 2017, 42, 115-124.	1.1	15
60	What bite marks can tell us: Use of on-fruit tooth impressions to study seed consumer identity and consumption patterns within a rodent assemblage. <i>Mammalian Biology</i> , 2017, 82, 74-79.	0.8	54
61	Forest structure along a 600km transect of natural disturbances and seasonality gradients in central-southern Amazonia. <i>Journal of Ecology</i> , 2016, 104, 1335-1346.	1.9	30
62	Taxonomic sufficiency and indicator taxa reduce sampling costs and increase monitoring effectiveness for ants. <i>Diversity and Distributions</i> , 2016, 22, 111-122.	1.9	48
63	Busy Nights: High Seed Dispersal by Crickets in a Neotropical Forest. <i>American Naturalist</i> , 2016, 188, E126-E133.	1.0	9
64	Evolutionary history of the little fire ant <i>Wasmannia auropunctata</i> before global invasion: inferring dispersal patterns, niche requirements and past and present distribution within its native range. <i>Journal of Evolutionary Biology</i> , 2016, 29, 790-809.	0.8	17
65	Genomic Organization Under Different Environmental Conditions: <i>Hoplosternum Littorale</i> as a Model. <i>Zebrafish</i> , 2016, 13, 197-208.	0.5	8
66	Pre-Columbian Floristic Legacies in Modern Homegardens of Central Amazonia. <i>PLoS ONE</i> , 2015, 10, e0127067.	1.1	37
67	Climate mediates the effects of disturbance on ant assemblage structure. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20150418.	1.2	58
68	Synthesis of the first 10 years of long-term ecological research in Amazonian Forest ecosystem – implications for conservation and management. <i>Natureza A Conservacao</i> , 2015, 13, 3-14.	2.5	21
69	Complementarity among sampling methods for harvestman assemblages. <i>Pedobiologia</i> , 2014, 57, 37-45.	0.5	22
70	Vertical distance from drainage drives floristic composition changes in an Amazonian rainforest. <i>Plant Ecology and Diversity</i> , 2014, 7, 241-253.	1.0	112
71	Multi-taxa Surveys: Integrating Ecosystem Processes and User Demands. , 2014, , 177-187.		7
72	Changes in Ground-dwelling Ant Functional Diversity are Correlated with Water Table Level in an Amazonian <i>Terra Firme</i> Forest. <i>Biotropica</i> , 2013, 45, 755-763.	0.8	28

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73	Estimating density of ant nests using distance sampling. <i>Insectes Sociaux</i> , 2013, 60, 103-110.	0.7	12
74	Trade-offs between complementarity and redundancy in the use of different sampling techniques for ground-dwelling ant assemblages. <i>Applied Soil Ecology</i> , 2012, 56, 63-73.	2.1	51
75	Limited effects of dominant ants on assemblage species richness in three Amazon forests. <i>Ecological Entomology</i> , 2012, 37, 1-12.	1.1	34
76	Check list of ground-dwelling ants (Hymenoptera: Formicidae) of the eastern Acre, Amazon, Brazil. <i>Check List</i> , 2012, 8, 722.	0.1	20
77	The Brazilian Program for Biodiversity Research (PPBio) Information System. <i>Biodiversity and Ecology = Biodiversitat Und Okologie</i> , 2012, 4, 265-274.	0.2	23
78	Efeitos da distância entre iscas nas estimativas de abundância e riqueza de formigas em uma floresta de terra-firme na Amazônia Central. <i>Acta Amazonica</i> , 2011, 41, 115-122.	0.3	8
79	Resource distribution and soil moisture content can regulate bait control in an ant assemblage in Central Amazonian forest. <i>Austral Ecology</i> , 2010, 35, 274-281.	0.7	23
80	Composição e riqueza de formigas (Hymenoptera: Formicidae) em savana e ambientes associados de Roraima. <i>Agro@mbiente on-line</i> , 2010, 4, 1.	0.2	2
81	Ant species distribution along a topographic gradient in a "terra-firme" forest reserve in Central Amazonia. <i>Pesquisa Agropecuaria Brasileira</i> , 2009, 44, 852-860.	0.9	28
82	A Program for Monitoring Biological Diversity in the Amazon: An Alternative Perspective to Threat-based Monitoring. <i>Biotropica</i> , 2008, 40, 409-411.	0.8	15
83	Igapó seed patches: a potentially key resource for terrestrial vertebrates in a seasonally flooded forest of central Amazonia. <i>Biological Journal of the Linnean Society</i> , 0, , .	0.7	5
84	Windthrows promote higher diversity of saproxylic beetles (Coleoptera: Passalidae) in a Central Amazon forest. <i>Insect Conservation and Diversity</i> , 0, , .	1.4	4
85	The behavioural ecology behind anti-predator mechanisms: diversity, ontogenetic changes and sexual differences in anuran defence behaviours. <i>Ethology Ecology and Evolution</i> , 0, , 1-11.	0.6	0