

Maurice Leponce

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

1,614
citations

430874

18
h-index

315739

38
g-index

52
all docs

52
docs citations

52
times ranked

2336
citing authors

#	ARTICLE	IF	CITATIONS
1	Arthropod Diversity in a Tropical Forest. <i>Science</i> , 2012, 338, 1481-1484.	12.6	445
2	Arthropod Distribution in a Tropical Rainforest: Tackling a Four Dimensional Puzzle. <i>PLoS ONE</i> , 2015, 10, e0144110.	2.5	102
3	Contribution of cocoa plantations to the conservation of native ants (Insecta: Hymenoptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Biodiversity and Conservation, 2007, 16, 2359-2384.	2.6	97
4	Vertical stratification of the termite assemblage in a neotropical rainforest. <i>Oecologia</i> , 2006, 149, 301-311.	2.0	58
5	Climate mediates the effects of disturbance on ant assemblage structure. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20150418.	2.6	58
6	Scale dependence of diversity measures in a leaf-litter ant assemblage. <i>Ecography</i> , 2004, 27, 253-267.	4.5	57
7	Where do adaptive shifts occur during invasion? A multidisciplinary approach to unravelling cold adaptation in a tropical ant species invading the Mediterranean area. <i>Ecology Letters</i> , 2012, 15, 1266-1275.	6.4	56
8	Reconciling biodiversity and carbon stock conservation in an Afrotropical forest landscape. <i>Science Advances</i> , 2018, 4, eaar6603.	10.3	40
9	Dominance–diversity relationships in ant communities differ with invasion. <i>Global Change Biology</i> , 2018, 24, 4614-4625.	9.5	39
10	Ontogenetic succession and the ant mosaic: An empirical approach using pioneer trees. <i>Basic and Applied Ecology</i> , 2008, 9, 316-323.	2.7	38
11	Climate Change Impact on Neotropical Social Wasps. <i>PLoS ONE</i> , 2011, 6, e27004.	2.5	37
12	A global database of ant species abundances. <i>Ecology</i> , 2017, 98, 883-884.	3.2	37
13	Intraspecific interactions in a community of arboreal nesting termites (Isoptera: Termitidae). <i>Journal of Insect Behavior</i> , 1996, 9, 799-817.	0.7	35
14	Structure and Dynamics of the Arboreal Termite Community in New Guinean Coconut Plantations. <i>Biotropica</i> , 1997, 29, 193-203.	1.6	33
15	Beta-Diversity of Termite Assemblages Among Primary French Guiana Rain Forests. <i>Biotropica</i> , 2011, 43, 473-479.	1.6	33
16	Spatial Distribution of Dominant Arboreal Ants in a Malagasy Coastal Rainforest: Gaps and Presence of an Invasive Species. <i>PLoS ONE</i> , 2010, 5, e9319.	2.5	29
17	The Ecology and Feeding Habits of the Arboreal Trap-Jawed Ant <i>Daceton armigerum</i> . <i>PLoS ONE</i> , 2012, 7, e37683.	2.5	24
18	Insights into the termite assemblage of a neotropical rainforest from the spatio-temporal distribution of flying alates. <i>Insect Conservation and Diversity</i> , 2009, 2, 153-162.	3.0	22

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19	Are the spatio-temporal dynamics of soil-feeding termite colonies shaped by intra-specific competition?. <i>Ecological Entomology</i> , 2011, 36, 776-785.	2.2	20
20	Soil properties only weakly affect subterranean ant distribution at small spatial scales. <i>Applied Soil Ecology</i> , 2012, 62, 163-169.	4.3	19
21	Differential response of ants to nutrient addition in a tropical Brown Food Web. <i>Soil Biology and Biochemistry</i> , 2012, 46, 10-17.	8.8	19
22	Rainfall Influences Ant Sampling in Dry Forests. <i>Biotropica</i> , 2008, 40, 590-596.	1.6	18
23	The raiding success of <i>Pheidole megacephala</i> on other ants in both its native and introduced ranges. <i>Comptes Rendus - Biologies</i> , 2008, 331, 631-635.	0.2	18
24	Litter-dwelling ants as bioindicators to gauge the sustainability of small arboreal monocultures embedded in the Amazonian rainforest. <i>Ecological Indicators</i> , 2017, 82, 43-49.	6.3	18
25	Saproxylic beetles in tropical and temperate forests – A standardized comparison of vertical stratification patterns. <i>Forest Ecology and Management</i> , 2019, 444, 50-58.	3.2	18
26	Resource use and food preferences in understory ant communities along a complete elevational gradient in Papua New Guinea. <i>Biotropica</i> , 2018, 50, 641-648.	1.6	17
27	High species turnover of the ant genus <i>Solenopsis</i> (Hymenoptera : Formicidae) along an altitudinal gradient in the Ecuadorian Andes, indicated by a combined DNA sequencing and morphological approach. <i>Invertebrate Systematics</i> , 2012, 26, 457.	1.3	15
28	Biotic and abiotic determinants of the formation of ant mosaics in primary Neotropical rainforests. <i>Ecological Entomology</i> , 2019, 44, 560-570.	2.2	14
29	Extending Our Scientific Reach in Arboreal Ecosystems for Research and Management. <i>Frontiers in Forests and Global Change</i> , 2021, 4, .	2.3	14
30	Nest relocation and high mortality rate in a Neotropical social wasp: Impact of an exceptionally rainy La Niña year. <i>Comptes Rendus - Biologies</i> , 2010, 333, 35-40.	0.2	13
31	Tree-dwelling ant survey (Hymenoptera, Formicidae) in Mitaraka, French Guiana. <i>Zoosystema</i> , 2019, 40, 163.	0.6	13
32	The fire ant <i>Solenopsis saevissima</i> and habitat disturbance alter ant communities. <i>Biological Conservation</i> , 2015, 187, 145-153.	4.1	12
33	The dynamics of ant mosaics in tropical rainforests characterized using the Self-Organizing Map algorithm. <i>Insect Science</i> , 2016, 23, 630-637.	3.0	12
34	Mind the gap! Integrating taxonomic approaches to assess ant diversity at the southern extreme of the Atlantic Forest. <i>Ecology and Evolution</i> , 2017, 7, 10451-10466.	1.9	12
35	Diurnal foraging ant tree occurrence networks are similar between canopy and understorey in a Neotropical rain forest. <i>Biotropica</i> , 2020, 52, 717-729.	1.6	12
36	Dipterological survey in Mitaraka Massif (French Guiana) reveals megadiverse dolichopodid fauna with an unprecedented species richness in <i>Paraclius</i> Loew, 1864 (Diptera: Dolichopodidae). <i>Zoosystema</i> , 2018, 40, 471.	0.6	11

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37	Rapid assessment of the three-dimensional distribution of dominant arboreal ants in tropical forests. <i>Insect Conservation and Diversity</i> , 2021, 14, 426-438.	3.0	10
38	Contrasting the distribution of butterflies and termites in plantations and tropical forests. <i>Biodiversity and Conservation</i> , 2017, 26, 151-176.	2.6	9
39	Inter-specific aggression generates ant mosaics in canopies of primary tropical rainforest. <i>Oikos</i> , 2021, 130, 1087-1099.	2.7	9
40	ATLANTIC ANTS: a data set of ants in Atlantic Forests of South America. <i>Ecology</i> , 2022, 103, e03580.	3.2	9
41	Effect of rainfall exclusion on ant assemblages in montane rainforests of Ecuador. <i>Basic and Applied Ecology</i> , 2013, 14, 357-365.	2.7	8
42	Ant-plant relationships in the canopy of an Amazonian rainforest: the presence of an ant mosaic. <i>Biological Journal of the Linnean Society</i> , 2018, 125, 344-354.	1.6	8
43	On the Effectiveness of Hand Collection to Complement Baits When Studying Ant Vertical Stratification in Tropical Rainforests. <i>Sociobiology</i> , 2020, 67, 213.	0.5	8
44	Revision of the Termitinae with snapping soldiers (Isoptera: Termitidae) from New Guinea. <i>Zootaxa</i> , 2008, 1769, 1.	0.5	7
45	Traits allowing some ant species to nest syntopically with the fire ant <i>Solenopsis saevissima</i> in its native range. <i>Insect Science</i> , 2015, 22, 289-294.	3.0	5
46	Assemblages of fruit flies (Diptera: Tephritidae) along an elevational gradient in the rainforests of Papua New Guinea. <i>Insect Conservation and Diversity</i> , 2021, 14, 348-355.	3.0	5
47	Distance-decay patterns differ between canopy and ground ant assemblages in a tropical rainforest. <i>Journal of Tropical Ecology</i> , 2020, 36, 234-242.	1.1	5
48	Environmental drivers of ant dominance in a tropical rainforest canopy at different spatial scales. <i>Ecological Entomology</i> , 2021, 46, 440-450.	2.2	4
49	Discovery-defense strategy as a mechanism of social foraging of ants in tropical rainforest canopies. <i>Behavioral Ecology</i> , 0, , .	2.2	4
50	Spatial and functional structure of an entire ant assemblage in a lowland Panamanian rainforest. <i>Basic and Applied Ecology</i> , 2021, 56, 32-44.	2.7	4
51	Ants impact the composition of the aquatic macroinvertebrate communities of a myrmecophytic tank bromeliad. <i>Comptes Rendus - Biologies</i> , 2018, 341, 200-207.	0.2	3
52	Aquatic life in Neotropical rainforest canopies: Techniques using artificial phytotelmata to study the invertebrate communities inhabiting therein. <i>Comptes Rendus - Biologies</i> , 2018, 341, 20-27.	0.2	1