

Alan N Andersen

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

208 papers	9,188 citations	51 h-index	88 g-index
216 ext. papers	10,396 ext. citations	3 avg, IF	6.54 L-index

#	Paper	IF	Citations
208	A Classification of Australian Ant Communities, Based on Functional Groups Which Parallel Plant Life-Forms in Relation to Stress and Disturbance. <i>Journal of Biogeography</i> , 1995 , 22, 15	4.1	325
207	Patch mosaic burning for biodiversity conservation: a critique of the pyrodiversity paradigm. <i>Conservation Biology</i> , 2006 , 20, 1610-9	6	294
206	Tropical grassy biomes: misunderstood, neglected, and under threat. <i>Trends in Ecology and Evolution</i> , 2014 , 29, 205-13	10.9	292
205	Responses of ant communities to dry sulfur deposition from mining emissions in semi-arid tropical Australia, with implications for the use of functional groups. <i>Austral Ecology</i> , 2000 , 25, 653-663	1.5	289
204	Fire frequency and biodiversity conservation in Australian tropical savannas: implications from the Kapalga fire experiment. <i>Austral Ecology</i> , 2005 , 30, 155-167	1.5	271
203	Functional groups and patterns of organization in North American ant communities: a comparison with Australia. <i>Journal of Biogeography</i> , 1997 , 24, 433-460	4.1	242
202	Value of long-term ecological studies. <i>Austral Ecology</i> , 2012 , 37, 745-757	1.5	240
201	Ants show the way Down Under: invertebrates as bioindicators in land management. <i>Frontiers in Ecology and the Environment</i> , 2004 , 2, 291-298	5.5	238
200	Using ants as bioindicators in land management: simplifying assessment of ant community responses. <i>Journal of Applied Ecology</i> , 2002 , 39, 8-17	5.8	212
199	Responses of ants to disturbance in Australia, with particular reference to functional groups. <i>Austral Ecology</i> , 2003 , 28, 444-464	1.5	204
198	Regulation of "momentary" diversity by dominant species in exceptionally rich ant communities of the Australian seasonal tropics. <i>American Naturalist</i> , 1992 , 140, 401-20	3.7	193
197	Climatic drivers of hemispheric asymmetry in global patterns of ant species richness. <i>Ecology Letters</i> , 2009 , 12, 324-33	10	191
196	Responses of Ground-Foraging Ant Communities to Three Experimental Fire Regimes in a Savanna Forest of Tropical Australia. <i>Biotropica</i> , 1991 , 23, 575	2.3	170
195	Prescribed burning: how can it work to conserve the things we value?. <i>International Journal of Wildland Fire</i> , 2011 , 20, 721	3.2	159
194	How important is seed predation to recruitment in stable populations of long-lived perennials?. <i>Oecologia</i> , 1989 , 81, 310-315	2.9	159
193	Meat ants as dominant members of Australian ant communities: an experimental test of their influence on the foraging success and forager abundance of other species. <i>Oecologia</i> , 1994 , 98, 15-24	2.9	147
192	ANT BODY SIZE PREDICTS DISPERSAL DISTANCE OF ANT-ADAPTED SEEDS: IMPLICATIONS OF SMALL-ANT INVASIONS. <i>Ecology</i> , 2004 , 85, 1244-1250	4.6	135

191	Measuring more of biodiversity: Genus richness as a surrogate for species richness in Australian ant faunas. <i>Biological Conservation</i> , 1995 , 73, 39-43	6.2	131
190	Sampling communities of ground-foraging ants: Pitfall catches compared with quadrat counts in an Australian tropical savanna. <i>Austral Ecology</i> , 1991 , 16, 273-279	1.5	115
189	Dispersal distance as a benefit of myrmecochory. <i>Oecologia</i> , 1988 , 75, 507-511	2.9	108
188	Using Ants as bioindicators: Multiscale Issues in Ant Community Ecology. <i>Ecology and Society</i> , 1997 , 1,		106
187	Effects of habitat fragmentation on ant richness and functional composition in Brazilian Atlantic forest. <i>Biodiversity and Conservation</i> , 2012 , 21, 1687-1701	3.4	102
186	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
185	Ants as bioindicators of habitat disturbance: validation of the functional group model for Australia's humid tropics. <i>Biodiversity and Conservation</i> , 1998 , 7, 1627-1638	3.4	97
184	Use of terrestrial invertebrates for biodiversity monitoring in Australian rangelands, with particular reference to ants. <i>Austral Ecology</i> , 2004 , 29, 87-92	1.5	97
183	Ants as Indicators of Restoration Success: Relationship with Soil Microbial Biomass in the Australian Seasonal Tropics. <i>Restoration Ecology</i> , 1997 , 5, 109-114	3.1	96
182	Fire research for conservation management in tropical savannas: Introducing the Kapalga fire experiment. <i>Austral Ecology</i> , 1998 , 23, 95-110	1.5	95
181	Impact of an introduced ant on native rain forest invertebrates:. <i>Oecologia</i> , 1999 , 120, 595	2.9	82
180	Ants as Indicators of Restoration Success at a Uranium Mine in Tropical Australia. <i>Restoration Ecology</i> , 2006 , 1, 156-167	3.1	79
179	Species diversity and temporal distribution of ants in the semi-arid mallee region of northwestern Victoria. <i>Austral Ecology</i> , 1983 , 8, 127-137	1.5	78
178	Savanna burning for biodiversity: Fire management for faunal conservation in Australian tropical savannas. <i>Austral Ecology</i> , 2012 , 37, 658-667	1.5	77
177	The value of ants as early warning bioindicators: responses to pulsed cattle grazing at an Australian arid zone locality. <i>Journal of Arid Environments</i> , 2000 , 45, 231-251	2.5	77
176	Immediate and longer-term effects of fire on seed predation by ants in sclerophyllous vegetation in south-eastern Australia. <i>Austral Ecology</i> , 1988 , 13, 285-293	1.5	77
175	Immediate effects of Fire on ants in the semi-arid mallee region of north-western Victoria. <i>Austral Ecology</i> , 1985 , 10, 25-30	1.5	77
174	Diversity, Seasonality and Community Organization of Ants at Adjacent Heath and Woodland Sites in Southeastern Australia. <i>Australian Journal of Zoology</i> , 1986 , 34, 53	0.5	76

173	Biodiversity consequences of land-use change and forest disturbance in the Amazon: A multi-scale assessment using ant communities. <i>Biological Conservation</i> , 2016 , 197, 98-107	6.2	75
172	Not enough niches: non-equilibrial processes promoting species coexistence in diverse ant communities. <i>Austral Ecology</i> , 2008 , 33, 211-220	1.5	74
171	Indigenous Wetland Burning: Conserving Natural and Cultural Resources in Australia's World Heritage-listed Kakadu National Park. <i>Human Ecology</i> , 2010 , 38, 721-729	2	68
170	Global diversity in light of climate change: the case of ants. <i>Diversity and Distributions</i> , 2011 , 17, 652-662	5	66
169	Long-term fire exclusion and ant community structure in an Australian tropical savanna: congruence with vegetation succession. <i>Journal of Biogeography</i> , 2006 , 33, 823-832	4.1	66
168	Arthropod responses to experimental fire regimes in an Australian tropical savannah: ordinal-level analysis. <i>Austral Ecology</i> , 2000 , 25, 199-209	1.5	66
167	Ants of Northern Australia 2000 ,		66
166	Savanna fires increase rates and distances of seed dispersal by ants. <i>Oecologia</i> , 2007 , 151, 33-41	2.9	64
165	The underestimated biodiversity of tropical grassy biomes. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016 , 371,	5.8	63
164	Anthropogenic disturbance reduces seed-dispersal services for myrmecochorous plants in the Brazilian Caatinga. <i>Oecologia</i> , 2014 , 174, 173-81	2.9	62
163	The big ecological questions inhibiting effective environmental management in Australia. <i>Austral Ecology</i> , 2009 , 34, 1-9	1.5	60
162	Grasshopper biodiversity and bioindicators in Australian tropical savannas: Responses to disturbance in Kakadu National Park. <i>Austral Ecology</i> , 2001 , 26, 213-222	1.5	59
161	Myrmecochory in Australia's seasonal tropics: Effects of disturbance on distance dispersal. <i>Austral Ecology</i> , 1998 , 23, 483-491	1.5	58
160	Responses of ant communities to disturbance: Five principles for understanding the disturbance dynamics of a globally dominant faunal group. <i>Journal of Animal Ecology</i> , 2019 , 88, 350-362	4.7	58
159	Constraint and competition in assemblages: a cross-continental and modeling approach for ants. <i>American Naturalist</i> , 2005 , 165, 481-94	3.7	56
158	Venom alkaloids in <i>Monomorium "rothsteini"</i> Forel repel other ants: is this the secret to success by <i>Monomorium</i> in Australian ant communities?. <i>Oecologia</i> , 1991 , 88, 157-160	2.9	53
157	Fire experiments in northern Australia: contributions to ecological understanding and biodiversity conservation in tropical savannas. <i>International Journal of Wildland Fire</i> , 2003 , 12, 391	3.2	51
156	Rates of seed removal by ants at heath and woodland sites in southeastern Australia. <i>Austral Ecology</i> , 1985 , 10, 381-390	1.5	49

155	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
154	Effects of Seed Predation by Ants on Seedling Densities at a Woodland Site in SE Australia. <i>Oikos</i> , 1987 , 48, 171	4	48
153	Response of ant and terrestrial spider assemblages to pastoral and military land use, and to landscape position, in a tropical savanna woodland in northern Australia. <i>Austral Ecology</i> , 2002 , 27, 324-333	1.5	47
152	Herbivory by Insects in Australian Tropical Savannas: A Review. <i>Journal of Biogeography</i> , 1990 , 17, 433	4.1	46
151	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
150	Savanna ant species richness is maintained along a bioclimatic gradient of increasing latitude and decreasing rainfall in northern Australia. <i>Journal of Biogeography</i> , 2015 , 42, 2313-2322	4.1	44
149	Soil seed banks confer resilience to savanna grass-layer plants during seasonal disturbance. <i>Acta Oecologica</i> , 2010 , 36, 202-210	1.7	44
148	Burning for biodiversity: highly resilient ant communities respond only to strongly contrasting fire regimes in Australia's seasonal tropics. <i>Journal of Applied Ecology</i> , 2014 , 51, 1406-1413	5.8	43
147	Breaking out of biogeographical modules: range expansion and taxon cycles in the hyperdiverse ant genus. <i>Journal of Biogeography</i> , 2015 , 42, 2289-2301	4.1	43
146	Dominance and species co-occurrence in highly diverse ant communities: a test of the interstitial hypothesis and discovery of a three-tiered competition cascade. <i>Oecologia</i> , 2011 , 166, 783-94	2.9	43
145	Ants as indicators of minesite restoration: community recovery at one of eight rehabilitation sites in central Queensland. <i>Ecological Management and Restoration</i> , 2003 , 4, S12-S19	1.4	43
144	Patterns of ant community organization in mesic southeastern Australia. <i>Austral Ecology</i> , 1986 , 11, 87-97	1.5	42
143	Insect Seed Predators May Cause Far Greater Losses Than They Appear to. <i>Oikos</i> , 1988 , 52, 337	4	42
142	Fire and biodiversity: responses of grass-layer beetles to experimental fire regimes in an Australian tropical savanna. <i>Journal of Applied Ecology</i> , 2001 , 38, 49-62	5.8	41
141	Fire resilience of ant assemblages in long-unburnt savanna of northern Australia. <i>Austral Ecology</i> , 2008 , 33, 830-838	1.5	40
140	Top-down control of species distributions: feral cats driving the regional extinction of a threatened rodent in northern Australia. <i>Diversity and Distributions</i> , 2017 , 23, 272-283	5	39
139	Myrmecochores can target high-quality disperser ants: variation in elaiosome traits and ant preferences for myrmecochorous Euphorbiaceae in Brazilian Caatinga. <i>Oecologia</i> , 2014 , 174, 493-500	2.9	39
138	Does long-term fire exclusion in an Australian tropical savanna result in a biome shift? A test using the reintroduction of fire. <i>Austral Ecology</i> , 2012 , 37, 693-711	1.5	38

137	Biodiversity surrogacy: indicator taxa as predictors of total species richness in Brazilian Atlantic forest and Caatinga. <i>Biodiversity and Conservation</i> , 2010 , 19, 3347-3360	3.4	37
136	A framework for deriving measures of chronic anthropogenic disturbance: Surrogate, direct, single and multi-metric indices in Brazilian Caatinga. <i>Ecological Indicators</i> , 2018 , 94, 274-282	5.8	34
135	Variation in fire interval sequences has minimal effects on species richness and composition in fire-prone landscapes of south-west Western Australia. <i>Forest Ecology and Management</i> , 2011 , 261, 965-978	3.9	33
134	The Rainforest Ant Fauna of Australia's Northern Territory. <i>Australian Journal of Zoology</i> , 1996 , 44, 81	0.5	33
133	Ant community structure along an extended rain forest/savanna gradient in tropical Australia. <i>Journal of Tropical Ecology</i> , 2008 , 24, 445-455	1.3	32
132	Impact of an introduced ant on native rain forest invertebrates: <i>Pheidole megacephala</i> in monsoonal Australia. <i>Oecologia</i> , 1999 , 120, 595-604	2.9	32
131	Ant Diversity and Distribution along Elevation Gradients in the Australian Wet Tropics: The Importance of Seasonal Moisture Stability. <i>PLoS ONE</i> , 2016 , 11, e0153420	3.7	32
130	Ant community responses to experimental fire and logging in a eucalypt forest of south-eastern Australia. <i>Forest Ecology and Management</i> , 2009 , 258, 188-197	3.9	31
129	Disturbance Winners or Losers? Plants Bearing Extrafloral Nectaries in Brazilian Caatinga. <i>Biotropica</i> , 2015 , 47, 468-474	2.3	30
128	Declining populations in one of the last refuges for threatened mammal species in northern Australia. <i>Austral Ecology</i> , 2018 , 43, 602-612	1.5	29
127	Ant Community Development on Rehabilitated Ash Dams in the South African Highveld. <i>Restoration Ecology</i> , 2004 , 12, 552-558	3.1	29
126	Seed removal by ants in the mallee of northwestern Victoria 1982 , 31-43		29
125	Habitat disturbance selects against both small and large species across varying climates. <i>Ecography</i> , 2018 , 41, 1184-1193	6.5	28
124	Ant Communities in the Gulf Region of Australia Semiarid Tropics - Species Composition, Patterns of Organization, and Biogeography. <i>Australian Journal of Zoology</i> , 1993 , 41, 399	0.5	28
123	Multi-scale ant diversity in savanna woodlands: an intercontinental comparison. <i>Austral Ecology</i> , 2011 , 36, 983-992	1.5	27
122	Correlates of grass-species composition in a savanna woodland in northern Australia. <i>Australian Journal of Botany</i> , 2009 , 57, 10	1.2	27
121	Australian ant research: fabulous fauna, functional groups, pharmaceuticals, and the Fatherhood. <i>Australian Journal of Entomology</i> , 2004 , 43, 235-247		27
120	Leaf-cutting ant populations profit from human disturbances in tropical dry forest in Brazil. <i>Journal of Tropical Ecology</i> , 2017 , 33, 337-344	1.3	26

119	Limited niche differentiation within remarkable co-occurrences of congeneric species: Monomorium ants in the Australian seasonal tropics. <i>Austral Ecology</i> , 2013 , 38, 557-567	1.5	25
118	Contrasting fire-related resilience of ecologically dominant ants in tropical savannas of northern Australia. <i>Diversity and Distributions</i> , 2007 , 13, 438-446	5	25
117	Novel 2-ethyl-5-alkylpyrrolidines in the venom of an australian ant of the genus Monomorium. <i>Journal of Chemical Ecology</i> , 1988 , 14, 35-45	2.7	25
116	Ant megadiversity and its origins in arid Australia. <i>Austral Entomology</i> , 2016 , 55, 132-137	1.1	25
115	The Ant (Hymenoptera: Formicidae) Fauna of Holmes Jungle, a Rainforest Patch in the Seasonal Tropics of Australia's Northern Territory. <i>Australian Journal of Entomology</i> , 1994 , 33, 153-158		24
114	Seed selection by an exceptionally rich community of harvester ants in the Australian seasonal tropics. <i>Journal of Animal Ecology</i> , 2000 , 69, 975-984	4.7	24
113	Ants as ecological indicators of rainforest restoration: Community convergence and the development of an Ant Forest Indicator Index in the Australian wet tropics. <i>Ecology and Evolution</i> , 2017 , 7, 8442-8455	2.8	23
112	Exploring a new biodiversity frontier: subterranean ants in northern Australia. <i>Biodiversity and Conservation</i> , 2010 , 19, 2741-2750	3.4	23
111	RAINFALL-CONTINGENT DETECTION OF FIRE IMPACTS: RESPONSES OF BEETLES TO EXPERIMENTAL FIRE REGIMES 2001 , 11, 86-96		23
110	Dominance-diversity relationships in ant communities differ with invasion. <i>Global Change Biology</i> , 2018 , 24, 4614-4625	11.4	23
109	Effects of fire on grass-layer savanna macroinvertebrates as key food resources for insectivorous vertebrates in northern Australia. <i>Austral Ecology</i> , 2012 , 37, 733-742	1.5	22
108	Terrestrial Vertebrates. <i>Ecological Studies</i> , 2003 , 126-152	1.1	22
107	Cooperation Between Dealate Queens During Colony Foundation in the Green Tree Ant, Oecophylla smaragdina. <i>Psyche: Journal of Entomology</i> , 1989 , 96, 39-44	0.2	22
106	Contrasting rainforest and savanna ant faunas in monsoonal northern Australia: a rainforest patch in a tropical savanna landscape. <i>Australian Journal of Zoology</i> , 2007 , 55, 363	0.5	22
105	Biodiversity responses to land-use and restoration in a global biodiversity hotspot: Ant communities in Brazilian Cerrado. <i>Austral Ecology</i> , 2019 , 44, 313-326	1.5	22
104	Savanna burning, greenhouse gas emissions and indigenous livelihoods: Introducing the Tiwi Carbon Study. <i>Austral Ecology</i> , 2012 , 37, 712-723	1.5	21
103	Bioclimatic transect networks: Powerful observatories of ecological change. <i>Ecology and Evolution</i> , 2017 , 7, 4607-4619	2.8	21
102	Soil of the nest-mound of the seed-dispersing ant, Aphaenogaster longiceps, enhances seedling growth. <i>Austral Ecology</i> , 1988 , 13, 469-471	1.5	21

101	A global database of ant species abundances. <i>Ecology</i> , 2017 , 98, 883-884	4.6	20
100	The Benefits of Myrmecochory: A Matter of Stature. <i>Biotropica</i> , 2015 , 47, 281-285	2.3	20
99	An experimental test of whether pyrodiversity promotes mammal diversity in a northern Australian savanna. <i>Journal of Applied Ecology</i> , 2018 , 55, 2124-2134	5.8	20
98	Ant Fauna of a Mangrove Community in the Australian Seasonal Tropics, With Particular Reference to Zonation. <i>Australian Journal of Zoology</i> , 1996 , 44, 521	0.5	20
97	Community Organisation, Biogeography and Seasonality of Ants in an Open Forest of South-eastern Queensland. <i>Australian Journal of Zoology</i> , 1997 , 45, 523	0.5	20
96	Molecular phylogeny of Indo-Pacific carpenter ants (Hymenoptera: Formicidae, Camponotus) reveals waves of dispersal and colonization from diverse source areas. <i>Cladistics</i> , 2015 , 31, 424-437	3.5	19
95	Fire-induced forest transition to derived savannas: Cascading effects on ant communities. <i>Biological Conservation</i> , 2017 , 214, 295-302	6.2	19
94	Canopy and litter ant assemblages share similar climate-species density relationships. <i>Biology Letters</i> , 2010 , 6, 769-72	3.6	19
93	Chronic anthropogenic disturbance as a secondary driver of ant community structure: interactions with soil type in Brazilian Caatinga. <i>Environmental Conservation</i> , 2017 , 44, 115-123	3.3	18
92	Invasive ants as back-seat drivers of native ant diversity decline in New Caledonia. <i>Biological Invasions</i> , 2013 , 15, 2311-2331	2.7	18
91	The ant fauna of the remote Mitchell Falls area of tropical north-western Australia: biogeography, environmental relationships and conservation significance. <i>Journal of Insect Conservation</i> , 2010 , 14, 647-661	2.1	16
90	Insect Inhabitants of Fruits of Leptospermum, Eucalyptus and Casuarina in Southeastern Australia. <i>Australian Journal of Zoology</i> , 1987 , 35, 327	0.5	16
89	Is livestock grazing compatible with biodiversity conservation? Impacts on savanna ant communities in the Australian seasonal tropics. <i>Biodiversity and Conservation</i> , 2017 , 26, 883-897	3.4	14
88	Is thermal limitation the primary driver of elevational distributions? Not for montane rainforest ants in the Australian Wet Tropics. <i>Oecologia</i> , 2018 , 188, 333-342	2.9	14
87	Invasion impacts on biodiversity: responses of ant communities to infestation by cat's claw creeper vine, Macfadyena unguis-cati (Bignoniaceae) in subtropical Australia. <i>Biological Invasions</i> , 2011 , 13, 2289-2302	2.7	14
86	Do tropical savanna skink assemblages show a short-term response to low-intensity fire?. <i>Wildlife Research</i> , 2006 , 33, 331	1.8	14
85	Better biodiversity accounting is needed to prevent bioperversity and maximize co-benefits from savanna burning. <i>Conservation Letters</i> , 2020 , 13, e12685	6.9	14
84	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

83	Effects of increasing aridity and chronic anthropogenic disturbance on seed dispersal by ants in Brazilian Caatinga. <i>Journal of Animal Ecology</i> , 2019 , 88, 870-880	4.7	13
82	Multi-century dynamics of ant communities following fire in Mediterranean-climate woodlands: Are changes congruent with vegetation succession?. <i>Forest Ecology and Management</i> , 2015 , 342, 30-38	3.9	13
81	Pre-dispersal seed losses to insects in species of <i>Leptospermum</i> (Myrtaceae). <i>Austral Ecology</i> , 2006 , 14, 13-18		13
80	Canopy Ant Communities in the Semiarid Mallee Region of North-Western Victoria. <i>Australian Journal of Zoology</i> , 1992 , 40, 205	0.5	13
79	Conservation value of low fire frequency in tropical savannas: Ants in monsoonal northern Australia. <i>Austral Ecology</i> , 2011 , 36, 497-503	1.5	12
78	Common names for Australian ants (Hymenoptera: Formicidae). <i>Australian Journal of Entomology</i> , 2002 , 41, 285-293		12
77	THE RAINFOREST ANT FAUNA OF THE NORTHERN KIMBERLEY REGION OF WESTERN AUSTRALIA (HYMENOPTERA: FORMICIDAE). <i>Australian Journal of Entomology</i> , 1992 , 31, 187-192		12
76	Vertebrates are poor umbrellas for invertebrates: cross-taxon congruence in an Australian tropical savanna. <i>Ecosphere</i> , 2019 , 10, e02755	3.1	11
75	Venom alkaloid chemistry of Australian species of the <i>Monomorium rothsteini</i> complex, with particular reference to taxonomic implications. <i>Chemistry and Biodiversity</i> , 2009 , 6, 1034-41	2.5	11
74	The distribution of ants on the Wessel and English Company Islands, in the seasonal tropics of Australia—Northern Territory. <i>Australian Journal of Zoology</i> , 1998 , 46, 557	0.5	11
73	The Ant Fauna of the Bowen Basin, in the Semi-arid Tropics of Central Queensland (Hymenoptera: Formicidae). <i>Australian Journal of Entomology</i> , 1996 , 35, 213-222		11
72	Overview of the Distribution, Habitat Association and Impact of Exotic Ants on Native Ant Communities in New Caledonia. <i>PLoS ONE</i> , 2013 , 8, e67245	3.7	11
71	Are stacked species distribution models accurate at predicting multiple levels of diversity along a rainfall gradient?. <i>Austral Ecology</i> , 2019 , 44, 105-113	1.5	11
70	Diversity and biogeography of a species-rich ant fauna of the Australian seasonal tropics. <i>Insect Science</i> , 2018 , 25, 519-526	3.6	10
69	Foundations for the future: A long-term plan for Australian ecosystem science. <i>Austral Ecology</i> , 2014 , 39, 739-748	1.5	10
68	Ants of the Caatinga: Diversity, Biogeography, and Functional Responses to Anthropogenic Disturbance and Climate Change 2017 , 65-95		10
67	The ant fauna of Timor and neighbouring islands: potential bridges between the disjunct faunas of South East Asia and Australia. <i>Australian Journal of Zoology</i> , 2010 , 58, 133	0.5	10
66	Biogeography of the ant fauna of the Tiwi Islands, in northern Australia's monsoonal tropics. <i>Australian Journal of Zoology</i> , 2004 , 52, 97	0.5	10

65	Biome Awareness Disparity is BAD for tropical ecosystem conservation and restoration. <i>Journal of Applied Ecology</i> ,	5.8	10
64	Plant-animal interactions 1996 , 137-154		10
63	Fire in the Amazon: impact of experimental fuel addition on responses of ants and their interactions with myrmecochorous seeds. <i>Oecologia</i> , 2016 , 182, 335-46	2.9	10
62	Cross-taxon congruence in insect responses to fragmentation of Brazilian Atlantic forest. <i>Ecological Indicators</i> , 2019 , 98, 523-530	5.8	10
61	Faunal responses to fire in Australian tropical savannas: Insights from field experiments and their lessons for conservation management. <i>Diversity and Distributions</i> , 2021 , 27, 828-843	5	10
60	Human disturbance promotes herbivory by leaf-cutting ants in the Caatinga dry forest. <i>Biotropica</i> , 2018 , 50, 779-788	2.3	10
59	Fire tolerance of perennial grass tussocks in a savanna woodland. <i>Austral Ecology</i> , 2010 , 35, 858-861	1.5	9
58	Consistent sorting but contrasting transition zones in plant communities along bioclimatic gradients. <i>Acta Oecologica</i> , 2019 , 95, 74-85	1.7	8
57	Ant biodiversity and its environmental predictors in the North Kimberley region of Australia's seasonal tropics. <i>Biodiversity and Conservation</i> , 2016 , 25, 1727-1759	3.4	8
56	Niche differentiation in rainforest ant communities across three continents. <i>Ecology and Evolution</i> , 2019 , 9, 8601-8615	2.8	8
55	Conservation status of ants in an iconic region of monsoonal Australia: levels of endemism and responses to fire in the eastern Kimberley. <i>Journal of Insect Conservation</i> , 2014 , 18, 137-146	2.1	8
54	Yellow-meadow ant (<i>Lasius flavus</i>) mound development determines soil properties and growth responses of different plant functional types. <i>European Journal of Soil Biology</i> , 2017 , 81, 83-93	2.9	8
53	Environmental factors influencing the establishment, height and fecundity of the annual grass <i>Sorghum intrans</i> in an Australian tropical savanna. <i>Journal of Tropical Ecology</i> , 2010 , 26, 313-322	1.3	8
52	The Ant Fauna of Danggali Conservation Park in Semi-arid South Australia: a Comparison with Wyperfeld (Vic.) and Cape Arid (W.A.) National Parks. <i>Australian Journal of Entomology</i> , 1996 , 35, 289-295		8
51	Andromonoecy in Four Australian Species of <i>Leptospermum</i> . <i>Australian Journal of Botany</i> , 1990 , 38, 511-522	1.2	8
50	Fire ecology and management 1996 , 179-195		8
49	Responses of ant communities to dry sulfur deposition from mining emissions in semi-arid tropical Australia, with implications for the use of functional groups 2000 , 25, 653		8
48	Rapid response of habitat structure and above-ground carbon storage to altered fire regimes in tropical savanna. <i>Biogeosciences</i> , 2019 , 16, 1493-1503	4.6	7

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