

# Michael Staab

## List of Publications by Citations

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**Version:** 2024-04-28

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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.

52  
papers

892  
citations

16  
h-index

28  
g-index

56  
ext. papers

1,259  
ext. citations

4.5  
avg, IF

4.41  
L-index

#	Paper	IF	Citations
52	Tree species richness increases ecosystem carbon storage in subtropical forests. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2018</b> , 285,	4.4	84
51	Biodiversity across trophic levels drives multifunctionality in highly diverse forests. <i>Nature Communications</i> , <b>2018</b> , 9, 2989	17.4	83
50	Multiple plant diversity components drive consumer communities across ecosystems. <i>Nature Communications</i> , <b>2019</b> , 10, 1460	17.4	73
49	Synthesis and future research directions linking tree diversity to growth, survival, and damage in a global network of tree diversity experiments. <i>Environmental and Experimental Botany</i> , <b>2018</b> , 152, 68-89	5.9	65
48	Tree diversity alters the structure of a tri-trophic network in a biodiversity experiment. <i>Oikos</i> , <b>2015</b> , 124, 827-834	4	40
47	Trap nests for bees and wasps to analyse trophic interactions in changing environments: A systematic overview and user guide. <i>Methods in Ecology and Evolution</i> , <b>2018</b> , 9, 2226-2239	7.7	34
46	Toward a methodical framework for comprehensively assessing forest multifunctionality. <i>Ecology and Evolution</i> , <b>2017</b> , 7, 10652-10674	2.8	32
45	Belowground top-down and aboveground bottom-up effects structure multitrophic community relationships in a biodiverse forest. <i>Scientific Reports</i> , <b>2017</b> , 7, 4222	4.9	32
44	Multitrophic diversity in a biodiverse forest is highly nonlinear across spatial scales. <i>Nature Communications</i> , <b>2015</b> , 6, 10169	17.4	32
43	Tree phylogenetic diversity promotes host-parasitoid interactions. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2016</b> , 283,	4.4	31
42	Tree Species Richness Promotes Invertebrate Herbivory on Congeneric Native and Exotic Tree Saplings in a Young Diversity Experiment. <i>PLoS ONE</i> , <b>2016</b> , 11, e0168751	3.7	30
41	Evaluating the effectiveness of retention forestry to enhance biodiversity in production forests of Central Europe using an interdisciplinary, multi-scale approach. <i>Ecology and Evolution</i> , <b>2020</b> , 10, 1489-1509	2.8	27
40	Tree diversity promotes predator but not omnivore ants in a subtropical Chinese forest. <i>Ecological Entomology</i> , <b>2014</b> , 39, 637-647	2.1	27
39	Diversity and specificity of host-natural enemy interactions in an urban-rural interface. <i>Ecological Entomology</i> , <b>2016</b> , 41, 241-252	2.1	22
38	Tree diversity increases robustness of multi-trophic interactions. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2019</b> , 286, 20182399	4.4	21
37	Tree Species Richness Strengthens Relationships between Ants and the Functional Composition of Spider Assemblages in a Highly Diverse Forest. <i>Biotropica</i> , <b>2015</b> , 47, 339-346	2.3	16
36	Ant community structure during forest succession in a subtropical forest in South-East China. <i>Acta Oecologica</i> , <b>2014</b> , 61, 32-40	1.7	15

35	Simple pond restoration measures increase dragonfly (Insecta: Odonata) diversity. <i>Biodiversity and Conservation</i> , <b>2018</b> , 27, 2311-2328	3.4	14
34	The Influence of Tree Diversity on Natural Enemies—Review of the “Enemies” Hypothesis in Forests. <i>Current Forestry Reports</i> , <b>2020</b> , 6, 243-259	8	13
33	Exotic garden plants partly substitute for native plants as resources for pollinators when native plants become seasonally scarce. <i>Oecologia</i> , <b>2020</b> , 194, 465-480	2.9	13
32	Optimizing sampling of flying insects using a modified window trap. <i>Methods in Ecology and Evolution</i> , <b>2019</b> , 10, 1820-1825	7.7	12
31	A unique nest-protection strategy in a new species of spider wasp. <i>PLoS ONE</i> , <b>2014</b> , 9, e101592	3.7	12
30	Ants at Plant Wounds: A Little-Known Trophic Interaction with Evolutionary Implications for Ant-Plant Interactions. <i>American Naturalist</i> , <b>2017</b> , 190, 442-450	3.7	11
29	Multi-trophic guilds respond differently to changing elevation in a subtropical forest. <i>Ecography</i> , <b>2018</b> , 41, 1013-1023	6.5	10
28	Phylogenetic analysis of cuckoo wasps (Hymenoptera: Chrysididae) reveals a partially artificial classification at the genus level and a species-rich clade of bee parasitoids. <i>Systematic Entomology</i> , <b>2019</b> , 44, 322-335	3.4	10
27	Growth-trait relationships in subtropical forest are stronger at higher diversity. <i>Journal of Ecology</i> , <b>2020</b> , 108, 256-266	6	10
26	Tree phylogenetic diversity structures multitrophic communities. <i>Functional Ecology</i> , <b>2021</b> , 35, 521-534	5.6	10
25	Tree genetic diversity increases arthropod diversity in willow short rotation coppice. <i>Biomass and Bioenergy</i> , <b>2018</b> , 108, 338-344	5.3	10
24	Tree species richness attenuates the positive relationship between mutualistic ant-hemipteran interactions and leaf chewer herbivory. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2017</b> , 284,	4.4	9
23	Trophic ecology of parabiotic ants: Do the partners have similar food niches?. <i>Austral Ecology</i> , <b>2012</b> , 37, 537-546	1.5	9
22	A tale of scale: Plot but not neighbourhood tree diversity increases leaf litter ant diversity. <i>Journal of Animal Ecology</i> , <b>2020</b> , 89, 299-308	4.7	9
21	Insect abundance in managed forests benefits from multi-layered vegetation. <i>Basic and Applied Ecology</i> , <b>2020</b> , 48, 124-135	3.2	8
20	Benchmarking nesting aids for cavity-nesting bees and wasps. <i>Biodiversity and Conservation</i> , <b>2019</b> , 28, 3831-3849	3.4	7
19	Plant composition, not richness, drives occurrence of specialist herbivores. <i>Ecological Entomology</i> , <b>2019</b> , 44, 833-843	2.1	7
18	Host functional and phylogenetic composition rather than host diversity structure plant-herbivore networks. <i>Molecular Ecology</i> , <b>2020</b> , 29, 2747-2762	5.7	7

17	Systematics of the ant genus <i>Roger</i> (Hymenoptera, Formicidae, Proceratiinae) in China - with descriptions of three new species based on micro-CT enhanced next-generation-morphology. <i>ZooKeys</i> , <b>2018</b> , 137-192	1.2	7
16	Intra- and interspecific tree diversity promotes multitrophic plant-Hemiptera-Ant interactions in a forest diversity experiment. <i>Basic and Applied Ecology</i> , <b>2018</b> , 29, 89-97	3.2	6
15	Tree diversity and nectar composition affect arthropod visitors on extrafloral nectaries in a diversity experiment. <i>Journal of Plant Ecology</i> , <b>2016</b> , rtw017	1.7	4
14	A new species of the <i>Aenictus wroughtonii</i> group (Hymenoptera, Formicidae) from South-East China. <i>ZooKeys</i> , <b>2014</b> , 65-73	1.2	4
13	Observational natural history and morphological taxonomy are indispensable for future challenges in biodiversity and conservation. <i>Communicative and Integrative Biology</i> , <b>2015</b> , 8, e992745	1.7	2
12	<i>Aenictus hoelldobleri</i> sp. n., a new species of the <i>Aenictus ceylonicus</i> group (Hymenoptera, Formicidae) from China, with a key to the Chinese members of the group. <i>ZooKeys</i> , <b>2015</b> , 137-55	1.2	2
11	Multi-trophic communities re-establish with canopy cover and microclimate in a subtropical forest biodiversity experiment. <i>Oecologia</i> , <b>2021</b> , 196, 289-301	2.9	2
10	Tree diversity promotes predatory wasps and parasitoids but not pollinator bees in a subtropical experimental forest. <i>Basic and Applied Ecology</i> , <b>2021</b> , 53, 134-142	3.2	2
9	What shapes ground beetle assemblages in a tree species-rich subtropical forest?. <i>ZooKeys</i> , <b>2021</b> , 1044, 907-927	1.2	2
8	Climate affects neighbour-induced changes in leaf chemical defences and tree diversity-herbivory relationships. <i>Functional Ecology</i> , <b>2021</b> , 35, 67-81	5.6	2
7	Wood species identity alters dominant factors driving fine wood decomposition along a tree diversity gradient in subtropical plantation forests. <i>Biotropica</i> , <b>2021</b> , 53, 643-657	2.3	2
6	Unravelling insect declines: can space replace time?. <i>Biology Letters</i> , <b>2022</b> , 18, 20210666	3.6	2
5	Rapid ant community reassembly in a Neotropical forest: Recovery dynamics and land-use legacy.. <i>Ecological Applications</i> , <b>2022</b> , e2559	4.9	1
4	<i>Plagiolepis alluaudi</i> Emery, 1894, a globally spreading exotic ant (Hymenoptera, Formicidae) newly recorded from Tenerife (Canary Islands, Spain). <i>Journal of Hymenoptera Research</i> , <b>74</b> , 83-91	0	1
3	Canopy Closure Retards Fine Wood Decomposition in Subtropical Regenerating Forests. <i>Ecosystems</i> , <b>2021</b> , 24, 1000-1011	3.9	1
2	Ecology: Mammals, interaction networks and the relevance of scale. <i>Current Biology</i> , <b>2021</b> , 31, R850-R858	3.3	1
1	Reprint of: Tree diversity promotes predatory wasps and parasitoids but not pollinator bees in a subtropical experimental forest. <i>Basic and Applied Ecology</i> , <b>2021</b> , 55, 124-132	3.2	1