Michael Staab

List of Publications by Year in Descending Order

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	Rapid ant community reassembly in a Neotropical forest: Recovery dynamics and land-use legacy.. *Ecological Applications*, **2022**, e2559	4.9	1
51	Unravelling insect declines: can space replace time?. *Biology Letters*, **2022**, 18, 20210666	3.6	2
50	Multi-trophic communities re-establish with canopy cover and microclimate in a subtropical forest biodiversity experiment. *Oecologia*, **2021**, 196, 289-301	2.9	2
49	Tree diversity promotes predatory wasps and parasitoids but not pollinator bees in a subtropical experimental forest. *Basic and Applied Ecology*, **2021**, 53, 134-142	3.2	2
48	What shapes ground beetle assemblages in a tree species-rich subtropical forest?. *ZooKeys*, **2021**, 1044, 907-927	1.2	2
47	Ecology: Mammals, interaction networks and the relevance of scale. *Current Biology*, **2021**, 31, R850-R852	7.3	1
46	Climate affects neighbour-induced changes in leaf chemical defences and tree diversity-herbivory relationships. *Functional Ecology*, **2021**, 35, 67-81	5.6	2
45	Tree phylogenetic diversity structures multitrophic communities. *Functional Ecology*, **2021**, 35, 521-534	5.6	10
44	Reprint of: Tree diversity promotes predatory wasps and parasitoids but not pollinator bees in a subtropical experimental forest. *Basic and Applied Ecology*, **2021**, 55, 124-132	3.2	
43	Wood species identity alters dominant factors driving fine wood decomposition along a tree diversity gradient in subtropical plantation forests. *Biotropica*, **2021**, 53, 643-657	2.3	2
42	Host functional and phylogenetic composition rather than host diversity structure plant-herbivore networks. *Molecular Ecology*, **2020**, 29, 2747-2762	5.7	7
41	Evaluating the effectiveness of retention forestry to enhance biodiversity in production forests of Central Europe using an interdisciplinary, multi-scale approach. *Ecology and Evolution*, **2020**, 10, 1489-1509	2.8	27
40	A tale of scale: Plot but not neighbourhood tree diversity increases leaf litter ant diversity. *Journal of Animal Ecology*, **2020**, 89, 299-308	4.7	9
39	Insect abundance in managed forests benefits from multi-layered vegetation. *Basic and Applied Ecology*, **2020**, 48, 124-135	3.2	8
38	The Influence of Tree Diversity on Natural Enemies Review of the Enemies Hypothesis in Forests. *Current Forestry Reports*, **2020**, 6, 243-259	8	13
37	Exotic garden plants partly substitute for native plants as resources for pollinators when native plants become seasonally scarce. *Oecologia*, **2020**, 194, 465-480	2.9	13
36	Growth trait relationships in subtropical forest are stronger at higher diversity. *Journal of Ecology*, **2020**, 108, 256-266	6	10

35	Benchmarking nesting aids for cavity-nesting bees and wasps. *Biodiversity and Conservation*, **2019**, 28, 3831-3849	3.4	7
34	Plant composition, not richness, drives occurrence of specialist herbivores. *Ecological Entomology*, **2019**, 44, 833-843	2.1	7
33	Tree diversity increases robustness of multi-trophic interactions. *Proceedings of the Royal Society B: Biological Sciences*, **2019**, 286, 20182399	4.4	21
32	Multiple plant diversity components drive consumer communities across ecosystems. *Nature Communications*, **2019**, 10, 1460	17.4	73
31	Phylogenetic analysis of cuckoo wasps (Hymenoptera: Chrysididae) reveals a partially artificial classification at the genus level and a species-rich clade of bee parasitoids. *Systematic Entomology*, **2019**, 44, 322-335	3.4	10
30	Optimizing sampling of flying insects using a modified window trap. *Methods in Ecology and Evolution*, **2019**, 10, 1820-1825	7.7	12
29	Synthesis and future research directions linking tree diversity to growth, survival, and damage in a global network of tree diversity experiments. *Environmental and Experimental Botany*, **2018**, 152, 68-89	5.9	65
28	Simple pond restoration measures increase dragonfly (Insecta: Odonata) diversity. *Biodiversity and Conservation*, **2018**, 27, 2311-2328	3.4	14
27	Intra- and interspecific tree diversity promotes multitrophic plant–hemipteran–ant interactions in a forest diversity experiment. *Basic and Applied Ecology*, **2018**, 29, 89-97	3.2	6
26	Multi-trophic guilds respond differently to changing elevation in a subtropical forest. *Ecography*, **2018**, 41, 1013-1023	6.5	10
25	Biodiversity across trophic levels drives multifunctionality in highly diverse forests. *Nature Communications*, **2018**, 9, 2989	17.4	83
24	Trap nests for bees and wasps to analyse trophic interactions in changing environments—A systematic overview and user guide. *Methods in Ecology and Evolution*, **2018**, 9, 2226-2239	7.7	34
23	Tree species richness increases ecosystem carbon storage in subtropical forests. *Proceedings of the Royal Society B: Biological Sciences*, **2018**, 285,	4.4	84
22	Tree genetic diversity increases arthropod diversity in willow short rotation coppice. *Biomass and Bioenergy*, **2018**, 108, 338-344	5.3	10
21	Systematics of the ant genus Roger (Hymenoptera, Formicidae, Proceratiinae) in China - with descriptions of three new species based on micro-CT enhanced next-generation-morphology. *ZooKeys*, **2018**, 137-192	1.2	7
20	Tree species richness attenuates the positive relationship between mutualistic ant-hemipteran interactions and leaf chewer herbivory. *Proceedings of the Royal Society B: Biological Sciences*, **2017**, 284,	4.4	9
19	Toward a methodical framework for comprehensively assessing forest multifunctionality. *Ecology and Evolution*, **2017**, 7, 10652-10674	2.8	32
18	Ants at Plant Wounds: A Little-Known Trophic Interaction with Evolutionary Implications for Ant-Plant Interactions. *American Naturalist*, **2017**, 190, 442-450	3.7	11

17	Belowground top-down and aboveground bottom-up effects structure multitrophic community relationships in a biodiverse forest. *Scientific Reports*, **2017**, 7, 4222	4.9	32
16	Tree diversity and nectar composition affect arthropod visitors on extrafloral nectaries in a diversity experiment. *Journal of Plant Ecology*, **2016**, rtw017	1.7	4
15	Tree Species Richness Promotes Invertebrate Herbivory on Congeneric Native and Exotic Tree Saplings in a Young Diversity Experiment. *PLoS ONE*, **2016**, 11, e0168751	3.7	30
14	Diversity and specificity of host-natural enemy interactions in an urban-rural interface. *Ecological Entomology*, **2016**, 41, 241-252	2.1	22
13	Tree phylogenetic diversity promotes host-parasitoid interactions. *Proceedings of the Royal Society B: Biological Sciences*, **2016**, 283,	4.4	31
12	Tree Species Richness Strengthens Relationships between Ants and the Functional Composition of Spider Assemblages in a Highly Diverse Forest. *Biotropica*, **2015**, 47, 339-346	2.3	16
11	Tree diversity alters the structure of a tri-trophic network in a biodiversity experiment. *Oikos*, **2015**, 124, 827-834	4	40
10	Observational natural history and morphological taxonomy are indispensable for future challenges in biodiversity and conservation. *Communicative and Integrative Biology*, **2015**, 8, e992745	1.7	2
9	Multitrophic diversity in a biodiverse forest is highly nonlinear across spatial scales. *Nature Communications*, **2015**, 6, 10169	17.4	32
8	Aenictushoelldobleri sp. n., a new species of the Aenictusceylonicus group (Hymenoptera, Formicidae) from China, with a key to the Chinese members of the group. *ZooKeys*, **2015**, 137-55	1.2	2
7	Ant community structure during forest succession in a subtropical forest in South-East China. *Acta Oecologica*, **2014**, 61, 32-40	1.7	15
6	Tree diversity promotes predator but not omnivore ants in a subtropical Chinese forest. *Ecological Entomology*, **2014**, 39, 637-647	2.1	27
5	A unique nest-protection strategy in a new species of spider wasp. *PLoS ONE*, **2014**, 9, e101592	3.7	12
4	A new species of the Aenictus wroughtonii group (Hymenoptera, Formicidae) from South-East China. *ZooKeys*, **2014**, 65-73	1.2	4
3	Trophic ecology of parabiotic ants: Do the partners have similar food niches?. *Austral Ecology*, **2012**, 37, 537-546	1.5	9
2	Plagiolepis alluaudi Emery, 1894, a globally spreading exotic ant (Hymenoptera, Formicidae) newly recorded from Tenerife (Canary Islands, Spain). *Journal of Hymenoptera Research*,74, 83-91	0	1
1	Canopy Closure Retards Fine Wood Decomposition in Subtropical Regenerating Forests. *Ecosystems*,1	3.9	1