

Tone Birkemoe

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

977
citations

430874

18
h-index

501196

28
g-index

50
all docs

50
docs citations

50
times ranked

1171
citing authors

#	ARTICLE	IF	CITATIONS
1	The contribution of insects to global forest deadwood decomposition. <i>Nature</i> , 2021, 597, 77-81.	27.8	123
2	What window traps can tell us: effect of placement, forest openness and beetle reproduction in retention trees. <i>Journal of Insect Conservation</i> , 2009, 13, 183-191.	1.4	59
3	Wood-inhabiting insects can function as targeted vectors for decomposer fungi. <i>Fungal Ecology</i> , 2017, 29, 76-84.	1.6	47
4	Insect-Fungus Interactions in Dead Wood Systems. <i>Zoological Monographs</i> , 2018, , 377-427.	1.1	45
5	Phenology and life history of the blowfly <i>Calliphora vicina</i> in stockfish production areas. <i>Entomologia Experimentalis Et Applicata</i> , 2011, 139, 35-46.	1.4	38
6	Contrasting drivers of community-level trait variation for vascular plants, lichens and bryophytes across an elevational gradient. <i>Functional Ecology</i> , 2019, 33, 2430-2446.	3.6	36
7	Habitat connectivity affects specialist species richness more than generalists in veteran trees. <i>Forest Ecology and Management</i> , 2017, 403, 96-102.	3.2	33
8	Priority effects of early successional insects influence late successional fungi in dead wood. <i>Ecology and Evolution</i> , 2015, 5, 4896-4905.	1.9	32
9	Reactive forest management can also be proactive for wood-living beetles in hollow oak trees. <i>Biological Conservation</i> , 2014, 180, 75-83.	4.1	30
10	Head lice predictors and infestation dynamics among primary school children in Norway. <i>Family Practice</i> , 2016, 33, 23-29.	1.9	30
11	Biological control of <i>Musca domestica</i> and <i>Stomoxys calcitrans</i> by mass releases of the parasitoid <i>Spalangia cameroni</i> on two Norwegian pig farms. <i>BioControl</i> , 2009, 54, 425-436.	2.0	26
12	Specialists in ancient trees are more affected by climate than generalists. <i>Ecology and Evolution</i> , 2015, 5, 5632-5641.	1.9	26
13	Effect of Habitat Size, Quality, and Isolation on Functional Groups of Beetles in Hollow Oaks. <i>Journal of Insect Science</i> , 2016, 16, 26.	1.5	26
14	Interactions between body size, abundance, seasonality, and phenology in forest beetles. <i>Ecology and Evolution</i> , 2017, 7, 1091-1100.	1.9	26
15	Parasitoids indicate major climate-induced shifts in arctic communities. <i>Global Change Biology</i> , 2020, 26, 6276-6295.	9.5	26
16	Exclusion of invertebrates influences saprotrophic fungal community and wood decay rate in an experimental field study. <i>Functional Ecology</i> , 2018, 32, 2571-2582.	3.6	25
17	What does a threatened saproxylic beetle look like? Modelling extinction risk using a new morphological trait database. <i>Journal of Animal Ecology</i> , 2021, 90, 1934-1947.	2.8	23
18	Do conservation measures in forest work? A comparison of three area-based conservation tools for wood-living species in boreal forests. <i>Forest Ecology and Management</i> , 2014, 330, 8-16.	3.2	22

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19	Blowfly (Diptera, Calliphoridae) damage on stockfish in northern Norway: pest species, damage assessment and the potential of mass trapping. <i>Journal of Pest Science</i> , 2010, 83, 329-337.	3.7	20
20	Age and level of self-organization affect the small-scale distribution of springtails (Collembola). <i>Ecosphere</i> , 2018, 9, e02058.	2.2	20
21	Forest fragmentation modifies the composition of bumblebee communities and modulates their trophic and competitive interactions for pollination. <i>Scientific Reports</i> , 2020, 10, 10872.	3.3	17
22	Revealing hidden insect-fungus interactions; moderately specialized, modular and anti-nested detritivore networks. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20172833.	2.6	16
23	Hollow oaks and beetle functional diversity: Significance of surroundings extends beyond taxonomy. <i>Ecology and Evolution</i> , 2020, 10, 819-831.	1.9	16
24	Traits mediate niches and co-occurrences of forest beetles in ways that differ among bioclimatic regions. <i>Journal of Biogeography</i> , 2021, 48, 3145-3157.	3.0	16
25	Functional structure of European forest beetle communities is enhanced by rare species. <i>Biological Conservation</i> , 2022, 267, 109491.	4.1	16
26	Scale-specific responses of saproxylic beetles: combining dead wood surveys with data from satellite imagery. <i>Journal of Insect Conservation</i> , 2015, 19, 1053-1062.	1.4	15
27	Temperature stress deteriorates bed bug (<i>Cimex lectularius</i>) populations through decreased survival, fecundity and offspring success. <i>PLoS ONE</i> , 2018, 13, e0193788.	2.5	15
28	Desiccant dust and the use of CO ₂ gas as a mobility stimulant for bed bugs: a potential control solution?. <i>Journal of Pest Science</i> , 2017, 90, 249-259.	3.7	14
29	Stable fly (<i>Stomoxys calcitrans</i>) and house fly (<i>Musca domestica</i>) densities: a comparison of three monitoring methods on pig farms. <i>Journal of Pest Science</i> , 2011, 84, 273-280.	3.7	12
30	Choosy beetles: How host trees and southern boreal forest naturalness may determine dead wood beetle communities. <i>Forest Ecology and Management</i> , 2021, 487, 119023.	3.2	12
31	Life history parameters of two geographically separated populations of <i>Spalangia cameroni</i> , a microhymenopteran pupal parasitoid of muscoid flies. <i>BioControl</i> , 2012, 57, 375-385.	2.0	11
32	Trophic levels and habitat specialization of beetles caught on experimentally added aspen wood: Does trap type really matter?. <i>Journal of Insect Conservation</i> , 2015, 19, 163-173.	1.4	11
33	Veteran trees are a source of natural enemies. <i>Scientific Reports</i> , 2020, 10, 18485.	3.3	10
34	Flattening the curve: approaching complete sampling for diverse beetle communities. <i>Insect Conservation and Diversity</i> , 2022, 15, 157-167.	3.0	10
35	Sampling beetle communities: Trap design interacts with weather and species traits to bias capture rates. <i>Ecology and Evolution</i> , 2020, 10, 14300-14308.	1.9	9
36	Contrasting responses of plant and lichen carbon-based secondary compounds across an elevational gradient. <i>Functional Ecology</i> , 2021, 35, 330-341.	3.6	9

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37	Environmental conditions alter successional trajectories on an ephemeral resource: a field experiment with beetles in dead wood. <i>Oecologia</i> , 2020, 194, 205-219.	2.0	8
38	Parasitism of the house fly parasitoid <i>Spalangia cameroni</i> on Norwegian pig farms: local effect of release method. <i>BioControl</i> , 2010, 55, 583-591.	2.0	7
39	Legacy effects of experimental environmental change on soil microarthropod communities. <i>Ecosphere</i> , 2020, 11, e03030.	2.2	7
40	Species composition of beetles grouped by host association in hollow oaks reveals management-relevant patterns. <i>Journal of Insect Conservation</i> , 2020, 24, 65-86.	1.4	6
41	DNA metabarcoding reveals host-specific communities of arthropods residing in fungal fruit bodies. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022, 289, 20212622.	2.6	6
42	Legacies of invertebrate exclusion and tree secondary metabolites control fungal communities in dead wood. <i>Molecular Ecology</i> , 2022, 31, 3241-3253.	3.9	6
43	Long-lasting effects of logging on beetles in hollow oaks. <i>Ecology and Evolution</i> , 2018, 8, 10126-10137.	1.9	5
44	Divergent responses of functional diversity to an elevational gradient for vascular plants, bryophytes and lichens. <i>Journal of Vegetation Science</i> , 2022, 33, .	2.2	5
45	Tracing carpenter ants (<i>Camponotus</i> sp.) in buildings with radioactive iodine-131. <i>International Journal of Pest Management</i> , 2009, 55, 45-49.	1.8	2
46	Veteran trees have divergent effects on beetle diversity and wood decomposition. <i>PLoS ONE</i> , 2021, 16, e0248756.	2.5	2
47	Disentangling phylogenetic relations and biogeographic history within the <i>Cucujus haematodes</i> species group (Coleoptera: Cucujidae). <i>Molecular Phylogenetics and Evolution</i> , 2022, 173, 107527.	2.7	1
48	The importance of foundation species identity: a field experiment with lichens and their associated micro-arthropod communities. <i>Basic and Applied Ecology</i> , 2022, .	2.7	0