Jakub HorÃ¡k

List of Publications by Year
in descending order

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73 papers	1,178 citations	430874 18 h-index	454955 30 g-index
76 all docs	76 docs citations	76 times ranked	1165 citing authors

#	Article	IF	Citations
1	Increasing temperature may compensate for lower amounts of dead wood in driving richness of saproxylic beetles. Ecography, 2015, 38, 499-509.	4.5	95
2	Biodiversity of most dead wood-dependent organisms in thermophilic temperate oak woodlands thrives on diversity of open landscape structures. Forest Ecology and Management, 2014, 315, 80-85.	3.2	73
3	Green desert?: Biodiversity patterns in forest plantations. Forest Ecology and Management, 2019, 433, 343-348.	3.2	66
4	Biodiversity responses to land use in traditional fruit orchards of a rural agricultural landscape. Agriculture, Ecosystems and Environment, 2013, 178, 71-77.	5.3	54
5	The species richness of click beetles in ancient pasture woodland benefits from a high level of sun exposure. Journal of Insect Conservation, 2013, 17, 307-318.	1.4	46
6	Combined effects of drought stress and Armillaria infection on tree mortality in Norway spruce plantations. Forest Ecology and Management, 2018, 427, 434-445.	3.2	43
7	Insect ecology and veteran trees. Journal of Insect Conservation, 2017, 21, 1-5.	1.4	40
8	Saproxylic beetle thrives on the openness in management: a case study on the ecological requirements of Cucujus cinnaberinus from Central Europe. Insect Conservation and Diversity, 2012, 5, 403-413.	3.0	38
9	Historical Disturbances Determine Current Taxonomic, Functional and Phylogenetic Diversity of Saproxylic Beetle Communities in Temperate Primary Forests. Ecosystems, 2021, 24, 37-55.	3.4	35
10	Response of saproxylic beetles to tree species composition in a secondary urban forest area. Urban Forestry and Urban Greening, 2011, 10, 213-222.	5.3	34
11	Habitat preferences influencing populations, distribution and conservation of the endangered saproxylic beetle Cucujus cinnaberinus (Coleoptera: Cucujidae) at the landscape level. European Journal of Entomology, 2010, 107, 81-88.	1.2	32
12	Dead wood dependent organisms in one of the oldest protected forests of Europe: Investigating the contrasting effects of within-stand variation in a highly diversified environment. Forest Ecology and Management, 2016, 363, 229-236.	3.2	32
13	Fragmented habitats of traditional fruit orchards are important for dead wood-dependent beetles associated with open canopy deciduous woodlands. Die Naturwissenschaften, 2014, 101, 499-504.	1.6	27
14	Effect of Site Level Environmental Variables, Spatial Autocorrelation and Sampling Intensity on Arthropod Communities in an Ancient Temperate Lowland Woodland Area. PLoS ONE, 2013, 8, e81541.	2.5	23
15	Can rove beetles (Staphylinidae) be excluded in studies focusing on saproxylic beetles in central European beech forests?. Bulletin of Entomological Research, 2015, 105, 101-109.	1.0	22
16	Hanging on by the tips of the tarsi: A review of the plight of the critically endangered saproxylic beetle in European forests. Journal for Nature Conservation, 2012, 20, 101-108.	1.8	21
17	Cucujus tulliae sp. n. â€“ an endemic Mediterranean saproxylic beetle from genus Cucujus Fabricius, 1775 (Coleoptera, Cucujidae), and keys for identification of adults and larvae native to Europe. ZooKeys, 2012, 212, 63-79.	1.1	19
18	Winners and losers in the wilderness: response of biodiversity to the abandonment of ancient forest pastures. Biodiversity and Conservation, 2018, 27, 3019-3029.	2.6	19

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19	Unexpected visitors: flightless beetles in window traps. Journal of Insect Conservation, 2013, 17, 441-449.	1.4	18
20	Tree level indicators of species composition of saproxylic beetles in old-growth mountainous spruceâ€“beech forest through variation partitioning. Journal of Insect Conservation, 2013, 17, 1003-1009.	1.4	18
21	Investigating the biodiversity of the forest strata: The importance of vertical stratification to the activity and development of saproxylic beetles in managed temperate deciduous forests. Forest Ecology and Management, 2017, 402, 186-193.	3.2	18
22	Congruent patterns of functional diversity in saproxylic beetles and fungi across European beech forests. Journal of Biogeography, 2019, 46, 1054-1065.	3.0	18
23	Pollen specialists are more endangered than non-specialised bees even though they collect pollen on flowers of non-endangered plants. Arthropod-Plant Interactions, 2020, 14, 759-769.	1.1	18
24	Ecological requirements of a rare saproxylic beetle Cucujus haematodes- the beetlesâ€™ stronghold on the edge of its distribution area. Insect Conservation and Diversity, 2011, 4, 81-88.	3.0	17
25	Comparison of Chemical Composition in Tuber aestivum <scp>Vittad</scp>. of Different Geographical Origin. Chemistry and Biodiversity, 2016, 13, 1617-1629.	2.1	17
26	Suitability of biodiversity-area and biodiversity-perimeter relationships in ecology: a case study of urban ecosystems. Urban Ecosystems, 2016, 19, 131-142.	2.4	17
27	Changing roles of propagule, climate, and land use during extralimital colonization of a rose chafer beetle. Die Naturwissenschaften, 2013, 100, 327-336.	1.6	16
28	Saproxylic Bees and Wasps. Zoological Monographs, 2018, , 217-235.	1.1	16
29	Ecologically similar saproxylic beetles depend on diversified deadwood resources: From habitat requirements to management implications. Forest Ecology and Management, 2019, 449, 117462.	3.2	16
30	Sharing the same space: foraging behaviour of saproxylic beetles in relation to dietary components of morphologically similar larvae. Ecological Entomology, 2012, 37, 117-123.	2.2	15
31	The role of topography, stand and habitat features for management and biodiversity of a prominent forest hotspot of the Mediterranean Basin: Saproxylic beetles as possible indicators. Forest Ecology and Management, 2018, 410, 66-75.	3.2	13
32	Insect taxa with similar habitat requirements may differ in response to the environment in heterogeneous patches of traditional fruit orchards. Journal of Insect Conservation, 2014, 18, 637-642.	1.4	11
33	Tree species and position matter: the role of pests for survival of other insects. Agricultural and Forest Entomology, 2016, 18, 340-348.	1.3	11
34	Ant abundance increases with clearing size. Journal of Forest Research, 2016, 21, 110-114.	1.4	11
35	Rural agroforestry artifacts in a city: determinants of spatiotemporally continuous fruit orchards in an urban area. Urban Forestry and Urban Greening, 2019, 41, 33-38.	5.3	11
36	Land use diversity and prey availability structure the bird communities in Norway spruce plantation forests. Forest Ecology and Management, 2021, 480, 118657.	3.2	11

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37	The influence of mature oak stands and spruce plantations on soil-dwelling click beetles in lowland plantation forests. PeerJ, 2016, 4, e1568.	2.0	11
38	Possible factors influencing the distribution of a threatened saproxylic beetle Cucujus cinnaberinus (Scopoli 1763) (Coleoptera: Cucujidae). The Coleopterists Bulletin, 2008, 62, 437-440.	0.2	10
39	Biodiversity in remnants of natural mountain forests under conservation-oriented management. Scientific Reports, 2019, 9, 89.	3.3	10
40	Threatened or harmful? Opportunism across spatial scales apparently leads to success during extralimital colonisation. Insect Conservation and Diversity, 2016, 9, 351-357.	3.0	9
41	The effects of within stand disturbance in plantation forests indicate complex and contrasting responses among and within beetle families. Bulletin of Entomological Research, 2018, 108, 750-764.	1.0	9
42	The importance of host characteristics and canopy openness for pest management in urban forests. Urban Forestry and Urban Greening, 2018, 36, 84-89.	5.3	9
43	Ectomycorrhizal communities in a Tuber aestivum Vittad. orchard in Poland. Open Life Sciences, 2016, 11, 348-357.	1.4	8
44	Effect of reintroduced manual mowing on biodiversity in abandoned fen meadows. Biologia (Poland), 2015, 70, 113-120.	1.5	7
45	The Role of Urban Environments for Saproxylic Insects. Zoological Monographs, 2018, , 835-846.	1.1	7
46	The role of geography and host abundance in the distribution of parasitoids of an alien pest. PeerJ, 2016, 4, e1592.	2.0	7
47	Influence of forest landscape on birds associated with lowland water bodies. Forest Ecology and Management, 2022, 513, 120199.	3.2	7
48	Saproxylic moths reveal complex within-group and group-environment patterns. Journal of Insect Conservation, 2016, 20, 677-690.	1.4	6
49	Artificial Feeding and Laboratory Rearing of Endangered Saproxylic Beetles as a Tool for Insect Conservation. Journal of Insect Science, 2020, 20, .	1.5	6
50	Disentangling the Roles of Topography, Patch, and Land Use on Conservation Trait Status of Specialist Birds in Marginal Forest Land Use Types. Forests, 2020, 11, 103.	2.1	6
51	Importance of meteorological and land use parameters for insect diversity in agricultural landscapes. Science of the Total Environment, 2021, 791, 148159.	8.0	6
52	Patterns and determinants of plant, butterfly and beetle diversity reveal optimal city grassland management and green urban planning. Urban Forestry and Urban Greening, 2022, 73, 127609.	5.3	6
53	What is happening after an abiotic disturbance? Response of saproxylic beetles in the Primorsky Region woodlands (Far Eastern Russia). Journal of Insect Conservation, 2015, 19, 97-103.	1.4	5
54	Renaissance of a rural artifact in a city with a million people: biodiversity responses to an agro-forestry restoration in a large urban traditional fruit orchard. Urban Ecosystems, 2018, 21, 263.	2.4	5

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55	Effect of soil properties and vegetation characteristics in determining the frequency of Burgundy truffle fruiting bodies in Southern Poland. Ecoscience, 2019, 26, 113-122.	1.4	5
56	Alien pests and their influence on native biota in leaf litter of non-native trees. Acta Oecologica, 2021, 110, 103704.	1.1	5
57	Uphill distributional shift of an endangered habitat specialist. Journal of Insect Conservation, 2011, 15, 743-746.	1.4	4
58	Isolation and characterization of ten microsatellite loci for the wood-living and threatened beetle Cucujus cinnaberinus (Coleoptera: Cucujidae). Conservation Genetics Resources, 2014, 6, 641-643.	0.8	4
59	Agricultural landscapes with prevailing grasslands can mitigate the population densities of a tree-damaging alien species. Agriculture, Ecosystems and Environment, 2016, 230, 177-183.	5.3	4
60	My home is your home: Nest boxes for birds and mammals provide habitats for diverse insect communities. Insect Conservation and Diversity, 2022, 15, 461-469.	3.0	4
61	Public LiDAR data are an important tool for the detection of saproxylic insect hotspots in Mediterranean forests and their connectivity. Forest Ecology and Management, 2022, 520, 120378.	3.2	4
62	Effect of hybridization in the firs: artificial hybridization may lead to higher survival rate. European Journal of Forest Research, 2016, 135, 1097-1105.	2.5	3
63	Diversity of Ant Community in Ore Sedimentation Basin under Different Regimes of Reclamation. Polish Journal of Ecology, 2018, 66, 139-152.	0.2	3
64	Space, Habitat and Isolation are the Key Determinants of Tree Colonization by the Carpenter Ant in Plantation Forests. Forests, 2019, 10, 630.	2.1	3
65	Important part of urban biodiversity: Lichens in cemeteries are influenced by the settlement hierarchy and substrate quality. Urban Forestry and Urban Greening, 2020, 53, 126742.	5.3	3
66	Open canopy increases the species richness of fungus weevils in Madagascar forests. Forest Ecology and Management, 2021, 480, 118661.	3.2	3
67	Infection Levels of the Microsporidium Larssoniella duplicati in Populations of the Invasive Bark Beetle Ips duplicatus: From Native to New Outbreak Areas. Forests, 2019, 10, 131.	2.1	2
68	Establishment and Maintenance of Power Lines are Important for Insect Diversity in Central Europe. Zoological Studies, 2020, 59, e3.	0.3	2
69	A Survey of the Knowledge of Truffles among Polish Foresters and Implications for Environmental Education. Forests, 2019, 10, 365.	2.1	1
70	Niche partitioning among dead wood-dependent beetles. Scientific Reports, 2021, 11, 15178.	3.3	1
71	Disentangling phylogenetic relations and biogeographic history within the Cucujus haematodes species group (Coleoptera: Cucujidae). Molecular Phylogenetics and Evolution, 2022, 173, 107527.	2.7	1
72	Finding a suitable coat: The ecology of the invasive deer ked (Lipoptena cervi (Linnaeus, 1758);) Tj ETQq0 0 0 rgBT /Overlock 10 T Veterinary Entomology, 2022, 36, 480-485.	1.5	1

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73	What Are the Most Important Factors Influencing Springtail Tetrodontophora bielanensis?. Insects, 2021, 12, 858.	2.2	0