Lukas Cizek

List of Publications by Year
in descending order

59 papers	3,518 citations	218677 26 h-index	144013 57 g-index
60 all docs	60 docs citations	60 times ranked	4011 citing authors

#	Article	IF	Citations
1	Low host specificity of herbivorous insects in a tropical forest. Nature, 2002, 416, 841-844.	27.8	588
2	The global distribution of diet breadth in insect herbivores. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 442-447.	7.1	454
3	Arthropod Diversity in a Tropical Forest. Science, 2012, 338, 1481-1484.	12.6	445
4	Guildâ€specific patterns of species richness and host specialization in plantâ€“herbivore food webs from a tropical forest. Journal of Animal Ecology, 2010, 79, 1193-1203.	2.8	261
5	Habitat preferences of oak-feeding xylophagous beetles in a temperate woodland: implications for forest history and management. Journal of Insect Conservation, 2009, 13, 553-562.	1.4	141
6	Arthropod Distribution in a Tropical Rainforest: Tackling a Four Dimensional Puzzle. PLoS ONE, 2015, 10, e0144110.	2.5	102
7	Host specialization of leaf-chewing insects in a New Guinea rainforest. Journal of Animal Ecology, 2002, 71, 400-412.	2.8	90
8	Is Active Management the Key to the Conservation of Saproxylic Biodiversity? Pollarding Promotes the Formation of Tree Hollows. PLoS ONE, 2013, 8, e60456.	2.5	86
9	â€œPrimeval forest relict beetlesâ€•of Central Europe: a set of 168 umbrella species for the protection of primeval forest remnants. Journal of Insect Conservation, 2018, 22, 15-28.	1.4	86
10	The effects of edge-interior and understorey-canopy gradients on the distribution of saproxylic beetles in a temperate lowland forest. Forest Ecology and Management, 2013, 304, 33-41.	3.2	78
11	Erasing a European biodiversity hot-spot: Open woodlands, veteran trees and mature forests succumb to forestry intensification, succession, and logging in a UNESCO Biosphere Reserve. Journal for Nature Conservation, 2014, 22, 35-41.	1.8	72
12	Additional disturbances as a beneficial tool for restoration of post-mining sites: a multi-taxa approach. Environmental Science and Pollution Research, 2016, 23, 13745-13753.	5.3	69
13	Demography and Dispersal Ability of a Threatened Saproxylic Beetle: A Mark-Recapture Study of the Rosalia Longicorn (Rosalia alpina). PLoS ONE, 2011, 6, e21345.	2.5	68
14	Does a minimal intervention approach threaten the biodiversity of protected areas? A multi-taxa short-term response to intervention in temperate oak-dominated forests. Forest Ecology and Management, 2015, 358, 80-89.	3.2	61
15	Successful invasion of the neotropical species Piper aduncum in rain forests in Papua New Guinea. Applied Vegetation Science, 2002, 5, 255-262.	1.9	57
16	Predictably simple: assemblages of caterpillars (Lepidoptera) feeding on rainforest trees in Papua New Guinea. Proceedings of the Royal Society B: Biological Sciences, 2002, 269, 2337-2344.	2.6	55
17	Open-grown trees as key habitats for arthropods in temperate woodlands: The diversity, composition, and conservation value of associated communities. Forest Ecology and Management, 2016, 380, 172-181.	3.2	50
18	An altitudinal comparison of caterpillar (Lepidoptera) assemblages on Ficus trees in Papua New Guinea. Journal of Biogeography, 2005, 32, 1303-1314.	3.0	48

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19	Colonising aliens: caterpillars (Lepidoptera) feeding on Piper aduncum and P.â€ƒumbellatum in rainforests of Papua New Guinea. Ecological Entomology, 2003, 28, 704-716.	2.2	47
20	Vertical stratification and microhabitat selection by the Great Capricorn Beetle (Cerambyx cerdo) (Coleoptera: Cerambycidae) in open-grown, veteran oaks. European Journal of Entomology, 2012, 109, 553-559.	1.2	47
21	Local Species Richness of Leaf-Chewing Insects Feeding on Woody Plants from One Hectare of a Lowland Rainforest. Conservation Biology, 2004, 18, 227-237.	4.7	44
22	Host plant defences and voltinism in European butterflies. Ecological Entomology, 2006, 31, 337-344.	2.2	43
23	Genetic differentiation of populations of the threatened saproxylic beetle Rosalia longicorn,Rosalia alpina(Coleoptera: Cerambycidae) in Central and South-east Europe. Biological Journal of the Linnean Society, 2015, 116, 911-925.	1.6	32
24	Fine-Scale Vertical Stratification and Guild Composition of Saproxylic Beetles in Lowland and Montane Forests: Similar Patterns despite Low Faunal Overlap. PLoS ONE, 2016, 11, e0149506.	2.5	30
25	Past levels of canopy closure affect the occurrence of veteran trees and flagship saproxylic beetles. Diversity and Distributions, 2018, 24, 208-218.	4.1	30
26	Range expansion of an endangered beetle: Alpine Longhorn Rosalia alpina (Coleoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462	0.6	28
27	Successful reintroduction of an endangered veteran tree specialist: conservation and genetics of the Great Capricorn beetle (Cerambyx cerdo). Conservation Genetics, 2015, 16, 267-276.	1.5	26
28	Diet composition and body size in insect herbivores: Why do small species prefer young leaves?. European Journal of Entomology, 2005, 102, 675-681.	1.2	26
29	Age estimation of large trees: New method based on partial increment core tested on an example of veteran oaks. Forest Ecology and Management, 2016, 380, 82-89.	3.2	25
30	Importance of marginal habitats for grassland diversity: fallows and overgrown tallâ€grass steppe as key habitats of endangered groundâ€beetle Carabus hungaricus. Insect Conservation and Diversity, 2012, 5, 27-36.	3.0	24
31	Contrasting needs of grassland dwellers: habitat preferences of endangered steppe beetles (Coleoptera). Journal of Insect Conservation, 2012, 16, 281-293.	1.4	20
32	Microhabitat mosaics are key to the survival of an endangered ground beetle (Carabus nitens) in its post-industrial refugia. Journal of Insect Conservation, 2018, 22, 321-328.	1.4	20
33	Saproxylic beetles in tropical and temperate forests â€“ A standardized comparison of vertical stratification patterns. Forest Ecology and Management, 2019, 444, 50-58.	3.2	18
34	Connectivity and succession of open structures as a key to sustaining lightâ€demanding biodiversity in deciduous forests. Journal of Applied Ecology, 2021, 58, 2951-2961.	4.0	18
35	The effect of coppicing on insect biodiversity. Small-scale mosaics of successional stages drive community turnover. Forest Ecology and Management, 2021, 483, 118774.	3.2	17
36	Phylogeography of the endangered saproxylic beetle Rosalia longicorn, Rosalia alpina (Coleoptera, Cerambycidae), corresponds with its main host, the European beech (Fagus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 57 To	3.0	16

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37	Dispersal of individuals of the flightless grassland ground beetle, Carabus hungaricus (Coleoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock mark-recapture. European Journal of Entomology, 2014, 111, 663-668.	1.2	15
38	Radio-Tracking Suggests High Dispersal Ability of the Great Capricorn Beetle (Cerambyx cerdo). Journal of Insect Behavior, 2018, 31, 138-143.	0.7	15
39	Size matters! Habitat preferences of the wrinkled bark beetle, Rhysodes sulcatus, the relict species of European primeval forests. Insect Conservation and Diversity, 2018, 11, 545-553.	3.0	15
40	A goodbye letter to alcohol: An alternative method for field preservation of arthropod specimens and DNA suitable for mass collecting methods. European Journal of Entomology, 2014, 111, 175-179.	1.2	14
41	Vertical stratification of scolytine beetles in temperate forests. Insect Conservation and Diversity, 2018, 11, 534-544.	3.0	13
42	Lasting decrease in functionality and richness: Effects of ivermectin use on dung beetle communities. Agriculture, Ecosystems and Environment, 2021, 321, 107634.	5.3	13
43	Restoring diversity of thermophilous oak forests: connectivity and proximity to existing habitats matter. Biodiversity and Conservation, 2020, 29, 3411-3427.	2.6	12
44	Telomeric DNA sequences in beetle taxa vary with species richness. Scientific Reports, 2021, 11, 13319.	3.3	11
45	Egg care by termite soldiers. Insectes Sociaux, 2005, 52, 357-359.	1.2	10
46	Development and characterization of ten polymorphic microsatellite loci for the Great Capricorn beetle (Cerambyx cerdo) (Coleoptera: Cerambycidae). Conservation Genetics Resources, 2013, 5, 907-909.	0.8	10
47	Veteran trees and saproxylic insects in the floodplains of Lower Morava and Dyje rivers, Czech Republic. Journal of Maps, 2017, 13, 291-299.	2.0	10
48	Active management promotes plant diversity in lowland forests: A landscape-scale experiment with two types of clearings. Forest Ecology and Management, 2019, 448, 94-103.	3.2	9
49	Xylosandrus germanus in Central Europe: Spread into and within the Czech Republic. Journal of Applied Entomology, 2020, 144, 423-433.	1.8	8
50	When is a tree suitable for a veteran tree specialist? Variability in the habitat requirements of the great capricorn beetle (Cerambyx cerdo) (Coleoptera: Cerambycidae). European Journal of Entomology, 0, 116, 64-74.	1.2	7
51	Forest dieback in a protected area triggers the return of the primeval forest specialist Peltis grossa (Coleoptera, Trogossitidae). Conservation Science and Practice, 2022, 4, e612.	2.0	7
52	Characterization of nine polymorphic microsatellite loci for a threatened saproxylic beetle Rosalia alpina (Coleoptera: Cerambycidae). Conservation Genetics Resources, 2013, 5, 903-905.	0.8	6
53	Relict of primeval forests in an intensively farmed landscape: what affects the survival of the hermit beetle (Osmoderma barnabita) (Coleoptera: Scarabaeidae) in pollard willows?. Journal of Insect Conservation, 2021, 25, 407-415.	1.4	4
54	Successful invasion of the neotropical species Piper aduncum in rain forests in Papua New Guinea. Applied Vegetation Science, 2002, 5, 255.	1.9	4

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55	Changes in Î²â€diversity of saproxylic beetles along environmental gradients in temperate forests depend on species relative abundances. Journal of Biogeography, 2022, 49, 551-562.	3.0	3
56	Patterns of Tree Species Usage by Long-Horned Beetles (Coleoptera: Cerambycidae) in Fiji. Pacific Science, 2014, 68, 57-64.	0.6	2
57	Contrasting responses of saproxylic beetles and plants to non-native tree invasion reveal feedback mechanisms between trophic levels. Biological Conservation, 2021, 263, 109340.	4.1	1
58	Disentangling phylogenetic relations and biogeographic history within the Cucujus haematodes species group (Coleoptera: Cucujidae). Molecular Phylogenetics and Evolution, 2022, 173, 107527.	2.7	1
59	Rosalia alpina adults (Linnaeus, 1758) (Insecta, Coleoptera) avoid direct sunlight. Animal Biodiversity and Conservation, 2019, 42, 59-63.	0.5	0