

Radim Matula

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,137
citations

430843

18
h-index

454934

30
g-index

31
all docs

31
docs citations

31
times ranked

2035
citing authors

#	ARTICLE	IF	CITATIONS
1	Global distribution of earthworm diversity. <i>Science</i> , 2019, 366, 480-485.	12.6	248
2	SoilTemp: A global database of near-surface temperature. <i>Global Change Biology</i> , 2020, 26, 6616-6629.	9.5	122
3	Global maps of soil temperature. <i>Global Change Biology</i> , 2022, 28, 3110-3144.	9.5	113
4	The sprouting ability of the main tree species in Central European coppices: implications for coppice restoration. <i>European Journal of Forest Research</i> , 2012, 131, 1501-1511.	2.5	74
5	The 2018 European heatwave led to stem dehydration but not to consistent growth reductions in forests. <i>Nature Communications</i> , 2022, 13, 28.	12.8	66
6	ForestTemp – Subcanopy microclimate temperatures of European forests. <i>Global Change Biology</i> , 2021, 27, 6307-6319.	9.5	57
7	Forest diversity promotes individual tree growth in central European forest stands. <i>Journal of Applied Ecology</i> , 2017, 54, 71-79.	4.0	51
8	Historical Disturbances Determine Current Taxonomic, Functional and Phylogenetic Diversity of Saproxyllic Beetle Communities in Temperate Primary Forests. <i>Ecosystems</i> , 2021, 24, 37-55.	3.4	35
9	A Research Agenda for Microclimate Ecology in Human-Modified Tropical Forests. <i>Frontiers in Forests and Global Change</i> , 2020, 2, .	2.3	33
10	Loss of a single tree species will lead to an overall decline in plant diversity: Effect of <i>Dracaena cinnabari</i> Balf. f. on the vegetation of Socotra Island. <i>Biological Conservation</i> , 2016, 196, 165-172.	4.1	31
11	Recovery of logged forest fragments in a human-modified tropical landscape during the 2015-16 El Niño. <i>Nature Communications</i> , 2021, 12, 1526.	12.8	31
12	Global data on earthworm abundance, biomass, diversity and corresponding environmental properties. <i>Scientific Data</i> , 2021, 8, 136.	5.3	29
13	Fine-scale spatial patterns in oak sprouting and mortality in a newly restored coppice. <i>Forest Ecology and Management</i> , 2015, 348, 117-123.	3.2	26
14	Do the rich get richer? Varying effects of tree species identity and diversity on the richness of understory taxa. <i>Ecology</i> , 2016, 97, 2364-2373.	3.2	23
15	Pre-disturbance tree size, sprouting vigour and competition drive the survival and growth of resprouting trees. <i>Forest Ecology and Management</i> , 2019, 446, 71-79.	3.2	23
16	Natural dynamics of temperate mountain beech-dominated primary forests in Central Europe. <i>Forest Ecology and Management</i> , 2021, 479, 118522.	3.2	21
17	Measuring Biomass and Carbon Stock in Resprouting Woody Plants. <i>PLoS ONE</i> , 2015, 10, e0118388.	2.5	21
18	Field Survey of <i>Dracaena Cinnabari</i> Populations in Firmihin, Socotra Island: Methodology and Preliminary Results. <i>Journal of Landscape Ecology(Czech Republic)</i> , 2013, 6, 7-34.	0.9	19

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19	To chop or not to chop? Tackling shrub encroachment by roller-chopping preserves woody plant diversity and composition in a dry subtropical forest. <i>Forest Ecology and Management</i> , 2017, 402, 29-36.	3.2	15
20	Mistletoe Infection in an Oak Forest Is Influenced by Competition and Host Size. <i>PLoS ONE</i> , 2015, 10, e0127055.	2.5	15
21	Resprouting trees drive understory vegetation dynamics following logging in a temperate forest. <i>Scientific Reports</i> , 2020, 10, 9231.	3.3	14
22	Comparison of vascular plant diversity and species composition of coppice and high beech forest in the Banat region, Romania. <i>Folia Geobotanica</i> , 2017, 52, 33-43.	0.9	13
23	Variation in canopy openness among main structural types of woody vegetation in a traditionally managed landscape. <i>Folia Geobotanica</i> , 2017, 52, 15-32.	0.9	12
24	The impact of natural disturbance dynamics on lichen diversity and composition in primary mountain spruce forests. <i>Journal of Vegetation Science</i> , 2021, 32, e13087.	2.2	10
25	Historical mixed-severity disturbances shape current diameter distributions of primary temperate Norway spruce mountain forests in Europe. <i>Forest Ecology and Management</i> , 2022, 503, 119772.	3.2	8
26	Frequent fires control tree spatial pattern, mortality and regeneration in Argentine open woodlands. <i>Forest Ecology and Management</i> , 2018, 408, 129-136.	3.2	7
27	Coppicing modulates physiological responses of sessile oak (<i>Quercus petraea</i> Matt. Lieb.) to drought. <i>Forest Ecology and Management</i> , 2022, 517, 120253.	3.2	6
28	Effective determination of biomass in oak coppices. <i>Trees - Structure and Function</i> , 2020, 34, 1335-1345.	1.9	5
29	Shade tree timber as a source of income diversification in agroforestry coffee plantations, Peru. <i>Bois Et Forets Des Tropiques</i> , 0, 342, .	0.2	4
30	The effects of stand density, standards and species composition on biomass production in traditional coppices. <i>Forest Ecology and Management</i> , 2022, 504, 119860.	3.2	3
31	The effect of fire exclusion on the structure and tree mortality patterns of a <i>caldeirão</i> (<i>Prosopis</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 100-101, 72-77.	2.4	2