

Radim Matula

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

31
papers

491
citations

12
h-index

21
g-index

31
ext. papers

788
ext. citations

6.3
avg, IF

3.32
L-index

#	Paper	IF	Citations
31	Global distribution of earthworm diversity. <i>Science</i> , 2019 , 366, 480-485	33.3	113
30	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	2.7	60
29	SoilTemp: A global database of near-surface temperature. <i>Global Change Biology</i> , 2020 , 26, 6616-6629	11.4	47
28	Forest diversity promotes individual tree growth in central European forest stands. <i>Journal of Applied Ecology</i> , 2017 , 54, 71-79	5.8	39
27	Fine-scale spatial patterns in oak sprouting and mortality in a newly restored coppice. <i>Forest Ecology and Management</i> , 2015 , 348, 117-123	3.9	23
26	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	6.2	19
25	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	1.2	18
24	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	4.6	17
23	Measuring biomass and carbon stock in resprouting woody plants. <i>PLoS ONE</i> , 2015 , 10, e0118388	3.7	16
22	Historical Disturbances Determine Current Taxonomic, Functional and Phylogenetic Diversity of Saproxylic Beetle Communities in Temperate Primary Forests. <i>Ecosystems</i> , 2021 , 24, 37-55	3.9	16
21	Recovery of logged forest fragments in a human-modified tropical landscape during the 2015-16 El Niño. <i>Nature Communications</i> , 2021 , 12, 1526	17.4	13
20	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	3.9	12
19	A Research Agenda for Microclimate Ecology in Human-Modified Tropical Forests. <i>Frontiers in Forests and Global Change</i> , 2020 , 2,	3.7	12
18	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	1.4	12
17	Resprouting trees drive understory vegetation dynamics following logging in a temperate forest. <i>Scientific Reports</i> , 2020 , 10, 9231	4.9	10
16	Natural dynamics of temperate mountain beech-dominated primary forests in Central Europe. <i>Forest Ecology and Management</i> , 2021 , 479, 118522	3.9	9
15	Variation in canopy openness among main structural types of woody vegetation in a traditionally managed landscape. <i>Folia Geobotanica</i> , 2017 , 52, 15-32	1.4	8

14	Global maps of soil temperature.. <i>Global Change Biology</i> , 2021 ,	11.4	8
13	Mistletoe infection in an oak forest is influenced by competition and host size. <i>PLoS ONE</i> , 2015 , 10, e01237055	3.9	8
12	The 2018 European heatwave led to stem dehydration but not to consistent growth reductions in forests.. <i>Nature Communications</i> , 2022 , 13, 28	17.4	7
11	ForestTemp - Sub-canopy microclimate temperatures of European forests. <i>Global Change Biology</i> , 2021 , 27, 6307-6319	11.4	5
10	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	3.9	4
9	Global data on earthworm abundance, biomass, diversity and corresponding environmental properties. <i>Scientific Data</i> , 2021 , 8, 136	8.2	4
8	Effective determination of biomass in oak coppices. <i>Trees - Structure and Function</i> , 2020 , 34, 1335-1345	2.6	3
7	The effect of fire exclusion on the structure and tree mortality patterns of a caldñ (Prosopis caldenia Burkart) woodland in semi-arid Central Argentina. <i>Journal of Arid Environments</i> , 2014 , 100-101, 72-77	2.5	2
6	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	3.1	2
5	Shade tree timber as a source of income diversification in agroforestry coffee plantations, Peru. <i>Bois Et Forets Des Tropiques</i> , 342,		2
4	Frequent fires control tree spatial pattern, mortality and regeneration in Argentine open woodlands. <i>Forest Ecology and Management</i> , 2018 , 408, 129-136	3.9	1
3	Coppicing modulates physiological responses of sessile oak (Quercus petraea Matt. Lieb.) to drought. <i>Forest Ecology and Management</i> , 2022 , 517, 120253	3.9	1
2	The effects of stand density, standards and species composition on biomass production in traditional coppices. <i>Forest Ecology and Management</i> , 2022 , 504, 119860	3.9	0
1	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	3.9	0