

# Radim Matula

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/5965483/radim-matula-publications-by-year.pdf>

**Version:** 2024-04-29

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	The 2018 European heatwave led to stem dehydration but not to consistent growth reductions in forests.. <i>Nature Communications</i> , <b>2022</b> , 13, 28	17.4	7
30	The effects of stand density, standards and species composition on biomass production in traditional coppices. <i>Forest Ecology and Management</i> , <b>2022</b> , 504, 119860	3.9	0
29	Historical mixed-severity disturbances shape current diameter distributions of primary temperate Norway spruce mountain forests in Europe. <i>Forest Ecology and Management</i> , <b>2022</b> , 503, 119772	3.9	0
28	Coppicing modulates physiological responses of sessile oak ( <i>Quercus petraea</i> Matt. Lieb.) to drought. <i>Forest Ecology and Management</i> , <b>2022</b> , 517, 120253	3.9	1
27	Global maps of soil temperature.. <i>Global Change Biology</i> , <b>2021</b> ,	11.4	8
26	The impact of natural disturbance dynamics on lichen diversity and composition in primary mountain spruce forests. <i>Journal of Vegetation Science</i> , <b>2021</b> , 32, e13087	3.1	2
25	ForestTemp - Sub-canopy microclimate temperatures of European forests. <i>Global Change Biology</i> , <b>2021</b> , 27, 6307-6319	11.4	5
24	Recovery of logged forest fragments in a human-modified tropical landscape during the 2015-16 El Niño. <i>Nature Communications</i> , <b>2021</b> , 12, 1526	17.4	13
23	Global data on earthworm abundance, biomass, diversity and corresponding environmental properties. <i>Scientific Data</i> , <b>2021</b> , 8, 136	8.2	4
22	Historical Disturbances Determine Current Taxonomic, Functional and Phylogenetic Diversity of Saproxyllic Beetle Communities in Temperate Primary Forests. <i>Ecosystems</i> , <b>2021</b> , 24, 37-55	3.9	16
21	Natural dynamics of temperate mountain beech-dominated primary forests in Central Europe. <i>Forest Ecology and Management</i> , <b>2021</b> , 479, 118522	3.9	9
20	Resprouting trees drive understory vegetation dynamics following logging in a temperate forest. <i>Scientific Reports</i> , <b>2020</b> , 10, 9231	4.9	10
19	A Research Agenda for Microclimate Ecology in Human-Modified Tropical Forests. <i>Frontiers in Forests and Global Change</i> , <b>2020</b> , 2,	3.7	12
18	Effective determination of biomass in oak coppices. <i>Trees - Structure and Function</i> , <b>2020</b> , 34, 1335-1345	2.6	3
17	SoilTemp: A global database of near-surface temperature. <i>Global Change Biology</i> , <b>2020</b> , 26, 6616-6629	11.4	47
16	Global distribution of earthworm diversity. <i>Science</i> , <b>2019</b> , 366, 480-485	33.3	113
15	Pre-disturbance tree size, sprouting vigour and competition drive the survival and growth of resprouting trees. <i>Forest Ecology and Management</i> , <b>2019</b> , 446, 71-79	3.9	12

14	Frequent fires control tree spatial pattern, mortality and regeneration in Argentine open woodlands. <i>Forest Ecology and Management</i> , <b>2018</b> , 408, 129-136	3.9	1
13	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> , <b>2017</b> , 402, 29-36	3.9	4
12	Variation in canopy openness among main structural types of woody vegetation in a traditionally managed landscape. <i>Folia Geobotanica</i> , <b>2017</b> , 52, 15-32	1.4	8
11	Comparison of vascular plant diversity and species composition of coppice and high beech forest in the Banat region, Romania. <i>Folia Geobotanica</i> , <b>2017</b> , 52, 33-43	1.4	12
10	Forest diversity promotes individual tree growth in central European forest stands. <i>Journal of Applied Ecology</i> , <b>2017</b> , 54, 71-79	5.8	39
9	Do the rich get richer? Varying effects of tree species identity and diversity on the richness of understory taxa. <i>Ecology</i> , <b>2016</b> , 97, 2364-2373	4.6	17
8	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> , <b>2016</b> , 196, 165-172	6.2	19
7	Fine-scale spatial patterns in oak sprouting and mortality in a newly restored coppice. <i>Forest Ecology and Management</i> , <b>2015</b> , 348, 117-123	3.9	23
6	Measuring biomass and carbon stock in resprouting woody plants. <i>PLoS ONE</i> , <b>2015</b> , 10, e0118388	3.7	16
5	Mistletoe infection in an oak forest is influenced by competition and host size. <i>PLoS ONE</i> , <b>2015</b> , 10, e0123955	3.9	8
4	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> , <b>2014</b> , 100-101, 72-77	2.5	2
3	Field Survey of <i>Dracaena Cinnabari</i> Populations in Firmihin, Socotra Island: Methodology and Preliminary Results. <i>Journal of Landscape Ecology(Czech Republic)</i> , <b>2013</b> , 6, 7-34	1.2	18
2	The sprouting ability of the main tree species in Central European coppices: implications for coppice restoration. <i>European Journal of Forest Research</i> , <b>2012</b> , 131, 1501-1511	2.7	60
1	Shade tree timber as a source of income diversification in agroforestry coffee plantations, Peru. <i>Bois Et Forets Des Tropiques</i> , <b>2012</b> , 342,		2