

David Janáček

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

1,932
citations

331538

21
h-index

360920

35
g-index

38
all docs

38
docs citations

38
times ranked

3288
citing authors

#	ARTICLE	IF	CITATIONS
1	Global importance of large-diameter trees. <i>Global Ecology and Biogeography</i> , 2018, 27, 849-864.	2.7	330
2	BioTIME: A database of biodiversity time series for the Anthropocene. <i>Global Ecology and Biogeography</i> , 2018, 27, 760-786.	2.7	289
3	Plant diversity increases with the strength of negative density dependence at the global scale. <i>Science</i> , 2017, 356, 1389-1392.	6.0	222
4	ForestGEO: Understanding forest diversity and dynamics through a global observatory network. <i>Biological Conservation</i> , 2021, 253, 108907.	1.9	122
5	European beech (<i>Fagus sylvatica</i> L.) and silver fir (<i>Abies alba</i> Mill.) rotation in the Carpathians—A developmental cycle or a linear trend induced by man?. <i>Forest Ecology and Management</i> , 2009, 258, 347-356.	1.4	117
6	Local variability of stand structural features in beech dominated natural forests of Central Europe: Implications for sampling. <i>Forest Ecology and Management</i> , 2010, 260, 2196-2203.	1.4	74
7	Interaction between tree species populations and windthrow dynamics in natural beech-dominated forest, Czech Republic. <i>Forest Ecology and Management</i> , 2012, 280, 9-19.	1.4	60
8	Patch mosaic of developmental stages in central European natural forests along vegetation gradient. <i>Forest Ecology and Management</i> , 2014, 330, 17-28.	1.4	59
9	Individual-based approach to the detection of disturbance history through spatial scales in a natural beech-dominated forest. <i>Journal of Vegetation Science</i> , 2013, 24, 1167-1184.	1.1	54
10	Tree spatial patterns of <i>Fagus sylvatica</i> expansion over 37 years. <i>Forest Ecology and Management</i> , 2016, 375, 134-145.	1.4	50
11	Spatial and volume patterns of an unmanaged submontane mixed forest in Central Europe: 160 years of spontaneous dynamics. <i>Forest Ecology and Management</i> , 2011, 262, 873-885.	1.4	49
12	How do environmental conditions affect the deadwood decomposition of European beech (<i>Fagus</i>)? <i>Journal of Ecology</i> , 2014, 102, 107-117.	1.4	47
13	Spatial variability of general stand characteristics in central European beech-dominated natural stands — Effects of scale. <i>Forest Ecology and Management</i> , 2014, 328, 353-364.	1.4	45
14	The role of tree uprooting in Cambisol development. <i>Geoderma</i> , 2010, 159, 83-98.	2.3	38
15	Impacts of old, comparatively stable, treethrow microtopography on soils and forest dynamics in the northern hardwoods of Michigan, USA. <i>Catena</i> , 2016, 140, 55-65.	2.2	36
16	Arrangement of terrestrial laser scanner positions for area-wide stem mapping of natural forests. <i>Canadian Journal of Forest Research</i> , 2013, 43, 355-363.	0.8	34
17	Tree spatial patterns of <i>Abies alba</i> and <i>Fagus sylvatica</i> in the Western Carpathians over 30 years. <i>European Journal of Forest Research</i> , 2014, 133, 1015-1028.	1.1	34
18	How cyclical and predictable are Central European temperate forest dynamics in terms of development phases?. <i>Journal of Vegetation Science</i> , 2018, 29, 84-97.	1.1	34

#	ARTICLE	IF	CITATIONS
19	Tree layer dynamics of the Cahnová Soutok near-natural floodplain forest after 33 years (1973–2006). <i>European Journal of Forest Research</i> , 2008, 127, 337-345.	1.1	33
20	Deadwood residence time in alluvial hardwood temperate forests – A key aspect of biodiversity conservation. <i>Forest Ecology and Management</i> , 2015, 357, 33-41.	1.4	30
21	Arbuscular mycorrhizal trees influence the latitudinal beta-diversity gradient of tree communities in forests worldwide. <i>Nature Communications</i> , 2021, 12, 3137.	5.8	28
22	Field maple and hornbeam populations along a 4-m elevation gradient in an alluvial forest. <i>European Journal of Forest Research</i> , 2011, 130, 197-208.	1.1	26
23	Distribution of biomass dynamics in relation to tree size in forests across the world. <i>New Phytologist</i> , 2022, 234, 1664-1677.	3.5	24
24	Beyond direct neighbourhood effects: higher-order interactions improve modelling and predicting tree survival and growth. <i>National Science Review</i> , 2021, 8, nwaa244.	4.6	16
25	Patterns of <i>Fraxinus angustifolia</i> in an alluvial old-growth forest after declines in flooding events. <i>European Journal of Forest Research</i> , 2016, 135, 215-228.	1.1	12
26	Spatiotemporal differences in tree spatial patterns between alluvial hardwood and mountain fir–beech forests: do characteristic patterns exist?. <i>Journal of Vegetation Science</i> , 2013, 24, 1141-1153.	1.1	10
27	Breaking through beech: A three-decade rise of sycamore in old-growth European forest. <i>Forest Ecology and Management</i> , 2016, 366, 106-117.	1.4	9
28	Response to Comment on “Plant diversity increases with the strength of negative density dependence at the global scale”. <i>Science</i> , 2018, 360, .	6.0	9
29	Light can modify density-dependent seedling mortality in a temperate forest. <i>Journal of Vegetation Science</i> , 2021, 32, .	1.1	9
30	Changes of Ortolan Bunting (<i>Emberiza hortulana</i> L.) Habitats and Implications for the Species Presence in SE Moravia, Czech Republic. <i>Polish Journal of Ecology</i> , 2016, 64, 98-112.	0.2	7
31	The colonization of decaying logs by vascular plants and the consequences of fallen logs for herb layer diversity in a lowland alluvial forest. <i>European Journal of Forest Research</i> , 2017, 136, 665-676.	1.1	7
32	Response to Comment on “Plant diversity increases with the strength of negative density dependence at the global scale”. <i>Science</i> , 2018, 360, .	6.0	6
33	Neighbourhood effects modify deer herbivory on tree seedlings. <i>European Journal of Forest Research</i> , 2021, 140, 403-417.	1.1	4
34	Potential influence of river engineering in two West Carpathian rivers on the conservation management of <i>Calamagrostis pseudophragmites</i> . <i>Journal for Nature Conservation</i> , 2015, 25, 42-50.	0.8	3
35	Where have all the tree diameters grown? Patterns in <i>Fagus sylvatica</i> L. diameter growth on their run to the upper canopy. <i>Ecosphere</i> , 2018, 9, e02508.	1.0	3
36	Spatial patterns in neighbourhood effects on woody plant selection and bark stripping by deer in a lowland alluvial forest. <i>Journal of Vegetation Science</i> , 0, , .	1.1	2

#	ARTICLE	IF	CITATIONS
37	Seed and seedling predation by vertebrates mediates the effects of adult trees in two temperate tree species. <i>Oecologia</i> , 0, , .	0.9	0