

Pavel Janda

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

2,676
citations

293460

24
h-index

214428

50
g-index

51
all docs

51
docs citations

51
times ranked

4285
citing authors

#	ARTICLE	IF	CITATIONS
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.	1.4	8
2	The 2018 European heatwave led to stem dehydration but not to consistent growth reductions in forests. <i>Nature Communications</i> , 2022, 13, 28.	5.8	66
3	Climate-change-driven growth decline of European beech forests. <i>Communications Biology</i> , 2022, 5, 163.	2.0	89
4	Jet stream position explains regional anomalies in European beech forest productivity and tree growth. <i>Nature Communications</i> , 2022, 13, 2015.	5.8	8
5	Spatial and temporal extents of natural disturbances differentiate deadwood-inhabiting fungal communities in spruce primary forest ecosystems. <i>Forest Ecology and Management</i> , 2022, 517, 120272.	1.4	5
6	Disturbance history drives current compositional and diversity patterns of primary <i>Picea abies</i> (L.) Karst. forest vegetation. <i>Forest Ecology and Management</i> , 2022, 520, 120387.	1.4	6
7	Historical Disturbances Determine Current Taxonomic, Functional and Phylogenetic Diversity of Saproxyllic Beetle Communities in Temperate Primary Forests. <i>Ecosystems</i> , 2021, 24, 37-55.	1.6	35
8	Natural dynamics of temperate mountain beech-dominated primary forests in Central Europe. <i>Forest Ecology and Management</i> , 2021, 479, 118522.	1.4	21
9	Historical natural disturbances shape spruce primary forest structure and indirectly influence bird assemblage composition. <i>Forest Ecology and Management</i> , 2021, 481, 118647.	1.4	12
10	Disturbance history is a key driver of tree life span in temperate primary forests. <i>Journal of Vegetation Science</i> , 2021, 32, e13069.	1.1	13
11	Tree canopy accession strategy changes along the latitudinal gradient of temperate Northeast Asia. <i>Global Ecology and Biogeography</i> , 2021, 30, 738-748.	2.7	8
12	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.	1.1	10
13	Natural disturbance impacts on trade-offs and co-benefits of forest biodiversity and carbon. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20211631.	1.2	19
14	Biomass carbon accumulation patterns throughout stand development in primary uneven-aged forest driven by mixed-severity natural disturbances. <i>Forest Ecology and Management</i> , 2020, 455, 117676.	1.4	9
15	Relationships between Structural Indices and Conventional Stand Attributes in an Old-Growth Forest in Southeast Europe. <i>Forests</i> , 2020, 11, 4.	0.9	24
16	Contrasting patterns of natural mortality in primary <i>Picea</i> forests of the Carpathian Mountains. <i>Forest Ecology and Management</i> , 2020, 457, 117734.	1.4	16
17	Moderate- to High-Severity Disturbances Shaped the Structure of Primary <i>Picea Abies</i> (L.) Karst. Forest in the Southern Carpathians. <i>Forests</i> , 2020, 11, 1315.	0.9	5
18	Quantifying natural disturbances using a large-scale dendrochronological reconstruction to guide forest management. <i>Ecological Applications</i> , 2020, 30, e02189.	1.8	27

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19	Molecular assessment of natural disturbance regime in a temperate swamp forest. <i>Forest Ecology and Management</i> , 2020, 460, 117821.	1.4	2
20	Drivers of basal area variation across primary late-successional <i>Picea abies</i> forests of the Carpathian Mountains. <i>Forest Ecology and Management</i> , 2019, 435, 196-204.	1.4	19
21	The climatic drivers of primary <i>Picea</i> forest growth along the Carpathian arc are changing under rising temperatures. <i>Global Change Biology</i> , 2019, 25, 3136-3150.	4.2	45
22	Disentangling the multi-faceted growth patterns of primary <i>Picea abies</i> forests in the Carpathian arc. <i>Agricultural and Forest Meteorology</i> , 2019, 271, 214-224.	1.9	20
23	Patterns of forest dynamics in a secondary old-growth beech-dominated forest in the Jizera Mountains Beech Forest Reserve, Czech Republic. <i>IForest</i> , 2019, 12, 17-26.	0.5	7
24	Large-scale disturbance legacies and the climate sensitivity of primary <i>Picea abies</i> forests. <i>Global Change Biology</i> , 2018, 24, 2169-2181.	4.2	79
25	Profile of tree-related microhabitats in European primary beech-dominated forests. <i>Forest Ecology and Management</i> , 2018, 429, 363-374.	1.4	45
26	Influence of sampling and disturbance history on climatic sensitivity of temperature-limited conifers. <i>Holocene</i> , 2018, 28, 1574-1587.	0.9	26
27	Early-Warning Signals of Individual Tree Mortality Based on Annual Radial Growth. <i>Frontiers in Plant Science</i> , 2018, 9, 1964.	1.7	117
28	Mixed-severity natural disturbances promote the occurrence of an endangered umbrella species in primary forests. <i>Forest Ecology and Management</i> , 2017, 405, 210-218.	1.4	35
29	Long-term responses of canopy-understorey interactions to disturbance severity in primary <i>Picea abies</i> forests. <i>Journal of Vegetation Science</i> , 2017, 28, 1128-1139.	1.1	16
30	More ways than one: Mixed-severity disturbance regimes foster structural complexity via multiple developmental pathways. <i>Forest Ecology and Management</i> , 2017, 406, 410-426.	1.4	78
31	A matter of time: self-regulated tree regeneration in a natural Norway spruce (<i>Picea abies</i>) forest at Mt. Brocken, Germany. <i>European Journal of Forest Research</i> , 2017, 136, 907-921.	1.1	7
32	The historical disturbance regime of mountain Norway spruce forests in the Western Carpathians and its influence on current forest structure and composition. <i>Forest Ecology and Management</i> , 2017, 388, 67-78.	1.4	103
33	Past disturbances and intraspecific competition as drivers of spatial pattern in primary spruce forests. <i>Ecosphere</i> , 2017, 8, e02037.	1.0	8
34	A synthesis of radial growth patterns preceding tree mortality. <i>Global Change Biology</i> , 2017, 23, 1675-1690.	4.2	394
35	The legacy of disturbance on individual tree and stand-level aboveground biomass accumulation and stocks in primary mountain <i>Picea abies</i> forests. <i>Forest Ecology and Management</i> , 2016, 373, 108-115.	1.4	30
36	Frequent severe natural disturbances and non-equilibrium landscape dynamics shaped the mountain spruce forest in central Europe. <i>Forest Ecology and Management</i> , 2016, 363, 169-178.	1.4	75

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37	Legacy of Pre-Disturbance Spatial Pattern Determines Early Structural Diversity following Severe Disturbance in Montane Spruce Forests. <i>PLoS ONE</i> , 2015, 10, e0139214.	1.1	35
38	Age, competition, disturbance and elevation effects on tree and stand growth response of primary <i>Picea abies</i> forest to climate. <i>Forest Ecology and Management</i> , 2015, 354, 77-86.	1.4	104
39	Carbon pools in a montane old-growth Norway spruce ecosystem in Bohemian Forest: Effects of stand age and elevation. <i>Forest Ecology and Management</i> , 2015, 346, 106-113.	1.4	42
40	Effects of topography and forest stand dynamics on soil morphology in three natural <i>Picea abies</i> mountain forests. <i>Plant and Soil</i> , 2015, 392, 57-69.	1.8	19
41	Old World megadroughts and pluvials during the Common Era. <i>Science Advances</i> , 2015, 1, e1500561.	4.7	403
42	Three hundred years of spatio-temporal development in a primary mountain Norway spruce stand in the Bohemian Forest, central Europe. <i>Forest Ecology and Management</i> , 2014, 330, 304-311.	1.4	19
43	Landscape-level variability in historical disturbance in primary <i>Picea abies</i> mountain forests of the Eastern Carpathians, Romania. <i>Journal of Vegetation Science</i> , 2014, 25, 386-401.	1.1	99
44	A mixed severity disturbance regime in the primary <i>Picea abies</i> (L.) Karst. forests of the Ukrainian Carpathians. <i>Forest Ecology and Management</i> , 2014, 334, 144-153.	1.4	78
45	Comment on "Opinion paper: Forest management and biodiversity: the role of protected areas is greater than the sum of its number of species." <i>Web Ecology</i> , 2014, 14, 61-64.	0.4	5
46	Dendrochronological reconstruction of the disturbance history and past development of the mountain Norway spruce in the Bohemian Forest, central Europe. <i>Forest Ecology and Management</i> , 2013, 295, 59-68.	1.4	43
47	Natural regeneration in Central-European subalpine spruce forests: Which logs are suitable for seedling recruitment?. <i>Forest Ecology and Management</i> , 2012, 266, 254-262.	1.4	73
48	Disturbance history of an old-growth subalpine <i>Picea abies</i> stand in the Bohemian Forest, Czech Republic. <i>Journal of Vegetation Science</i> , 2012, 23, 86-97.	1.1	113
49	Density and height structure of seedlings in subalpine spruce forests of Central Europe: logs vs. stumps as a favourable substrate. <i>Silva Fennica</i> , 2011, 45, .	0.5	20
50	Natural development and regeneration of a Central European montane spruce forest. <i>Forest Ecology and Management</i> , 2010, 260, 707-714.	1.4	136