

Bogdan Jaroszewicz

List of Publications by Year in descending order

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Version: 2024-02-01

84
papers

5,563
citations

117625

34
h-index

85541

71
g-index

86
all docs

86
docs citations

86
times ranked

8247
citing authors

#	ARTICLE	IF	CITATIONS
1	Climatic conditions, not above- and belowground resource availability and uptake capacity, mediate tree diversity effects on productivity and stability. <i>Science of the Total Environment</i> , 2022, 812, 152560.	8.0	8
2	The number of tree species on Earth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	86
3	Directional turnover towards larger-ranged plants over time and across habitats. <i>Ecology Letters</i> , 2022, 25, 466-482.	6.4	39
4	Forest degradation limits the complementarity and quality of animal seed dispersal. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022, 289, .	2.6	8
5	Freezing tolerance of seeds can explain differences in the distribution of two widespread mistletoe subspecies in Europe. <i>Forest Ecology and Management</i> , 2021, 482, 118806.	3.2	7
6	Maintaining natural and traditional cultural green infrastructures across Europe: learning from historic and current landscape transformations. <i>Landscape Ecology</i> , 2021, 36, 637-663.	4.2	23
7	Evaluating structural and compositional canopy characteristics to predict the light-demand signature of the forest understorey in mixed, semi-natural temperate forests. <i>Applied Vegetation Science</i> , 2021, 24, .	1.9	24
8	Meeting places and social capital supporting rural landscape stewardship: A Pan-European horizon scanning. <i>Ecology and Society</i> , 2021, 26, .	2.3	17
9	Ecology versus society: Impacts of bark beetle infestations on biodiversity and restorativeness in protected areas of Central Europe. <i>Biological Conservation</i> , 2021, 254, 108931.	4.1	26
10	Composition and Specialization of the Lichen Functional Traits in a Primeval Forest—Does Ecosystem Organization Level Matter?. <i>Forests</i> , 2021, 12, 485.	2.1	2
11	Observing frugivores or collecting scats: a method comparison to construct quantitative seed dispersal networks. <i>Oikos</i> , 2021, 130, 1359-1369.	2.7	14
12	Shifts in Lichen Species and Functional Diversity in a Primeval Forest Ecosystem as a Response to Environmental Changes. <i>Forests</i> , 2021, 12, 686.	2.1	8
13	Above- and below-ground complementarity rather than selection drive tree diversity—productivity relationships in European forests. <i>Functional Ecology</i> , 2021, 35, 1756-1767.	3.6	15
14	Predictors of diversity of deadwood-dwelling macrofungi in a European natural forest. <i>Forest Ecology and Management</i> , 2021, 490, 119123.	3.2	15
15	Fungal microbiota in seeds, seedlings and mature plants of raspberry (<i>Rubus ideaus</i> L.). <i>European Journal of Plant Pathology</i> , 2021, 161, 815-820.	1.7	2
16	Within-Species Trait Variation Can Lead to Size Limitations in Seed Dispersal of Small-Fruited Plants. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	2.2	7
17	Species Identity of Large Trees Affects the Composition and the Spatial Structure of Adjacent Trees. <i>Forests</i> , 2021, 12, 1162.	2.1	5
18	Thermal differences between juveniles and adults increased over time in European forest trees. <i>Journal of Ecology</i> , 2021, 109, 3944-3957.	4.0	4

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19	Forest floor plant diversity drives the use of mature spruce forests by European bison. <i>Ecology and Evolution</i> , 2021, 11, 636-647.	1.9	5
20	Poland's border wall threatens ancient forest. <i>Science</i> , 2021, 374, 1063-1063.	12.6	5
21	Impact of <i>Fraxinus excelsior</i> dieback on biota of ash-associated lichen epiphytes at the landscape and community level. <i>Biodiversity and Conservation</i> , 2020, 29, 431-450.	2.6	23
22	Drivers of above-ground understorey biomass and nutrient stocks in temperate deciduous forests. <i>Journal of Ecology</i> , 2020, 108, 982-997.	4.0	25
23	Light availability and land-use history drive biodiversity and functional changes in forest herb layer communities. <i>Journal of Ecology</i> , 2020, 108, 1411-1425.	4.0	49
24	Species richness influences the spatial distribution of trees in European forests. <i>Oikos</i> , 2020, 129, 380-390.	2.7	9
25	Identifying mechanisms shaping lichen functional diversity in a primeval forest. <i>Forest Ecology and Management</i> , 2020, 475, 118434.	3.2	15
26	Meta-analysis of multidecadal biodiversity trends in Europe. <i>Nature Communications</i> , 2020, 11, 3486.	12.8	115
27	Response to Comment on "Forest microclimate dynamics drive plant responses to warming". <i>Science</i> , 2020, 370, .	12.6	1
28	Positive feedback loop between earthworms, humus form and soil pH reinforces earthworm abundance in European forests. <i>Functional Ecology</i> , 2020, 34, 2598-2610.	3.6	24
29	Homogenization of Temperate Mixed Deciduous Forests in Białowieża Forest: Similar Communities Are Becoming More Similar. <i>Forests</i> , 2020, 11, 545.	2.1	11
30	Climate change has cascading effects on tree masting and the breeding performance of a forest songbird in a primeval forest. <i>Science of the Total Environment</i> , 2020, 747, 142084.	8.0	15
31	Population and community-level compositional patterns shape the realized niche of the rare arctic-alpine species <i>Carex lachenalii</i> . <i>Schkuhr. Nordic Journal of Botany</i> , 2020, 38, .	0.5	0
32	Late-spring frost risk between 1959 and 2017 decreased in North America but increased in Europe and Asia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 12192-12200.	7.1	140
33	Forest microclimate dynamics drive plant responses to warming. <i>Science</i> , 2020, 368, 772-775.	12.6	385
34	An Efficient Tool for the Maintenance of Thermophilous Oak Forest Understorey "Sheep or Brush Cutter?". <i>Forests</i> , 2020, 11, 582.	2.1	0
35	Replacements of small- by large-ranged species scale up to diversity loss in Europe's temperate forest biome. <i>Nature Ecology and Evolution</i> , 2020, 4, 802-808.	7.8	67
36	Response to Comment on "Forest microclimate dynamics drive plant responses to warming". <i>Science</i> , 2020, 370, .	12.6	3

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37	The impact of salvage logging on herb layer species composition and plant community recovery in BiaÅ,owieÅ¼a Forest. <i>Biodiversity and Conservation</i> , 2019, 28, 3407-3428.	2.6	13
38	Lichenicolous fungi are more specialized than their lichen hosts in primeval forest ecosystems, BiaÅ,owieÅ¼a Forest, northeast Poland. <i>Fungal Ecology</i> , 2019, 42, 100866.	1.6	5
39	BiaÅ,owieÅ¼a Forestâ€”A Relic of the High Naturalness of European Forests. <i>Forests</i> , 2019, 10, 849.	2.1	83
40	Inferring plant functional diversity from space: the potential of Sentinel-2. <i>Remote Sensing of Environment</i> , 2019, 233, 111368.	11.0	56
41	Seasonal drivers of understorey temperature buffering in temperate deciduous forests across Europe. <i>Global Ecology and Biogeography</i> , 2019, 28, 1774-1786.	5.8	115
42	Climatic controls of decomposition drive the global biogeography of forest-tree symbioses. <i>Nature</i> , 2019, 569, 404-408.	27.8	371
43	Effective mitigation of conservation conflicts and participatory governance: reflections on KuboÅ, et al.Å. <i>Conservation Biology</i> , 2019, 33, 962-965.	4.7	5
44	Litter quality, land-use history, and nitrogen deposition effects on topsoil conditions across European temperate deciduous forests. <i>Forest Ecology and Management</i> , 2019, 433, 405-418.	3.2	46
45	Identifying the tree species compositions that maximize ecosystem functioning in European forests. <i>Journal of Applied Ecology</i> , 2019, 56, 733-744.	4.0	58
46	Environmental drivers interactively affect individual tree growth across temperate European forests. <i>Global Change Biology</i> , 2019, 25, 201-217.	9.5	44
47	Tree identity rather than tree diversity drives earthworm communities in European forests. <i>Pedobiologia</i> , 2018, 67, 16-25.	1.2	18
48	Accelerated increase in plant species richness on mountain summits is linked to warming. <i>Nature</i> , 2018, 556, 231-234.	27.8	580
49	Effects of grazing abandonment and climate change on mountain summits flora: a case study in the Tatra Mts. <i>Plant Ecology</i> , 2018, 219, 261-276.	1.6	16
50	Global environmental change effects on plant community composition trajectories depend upon management legacies. <i>Global Change Biology</i> , 2018, 24, 1722-1740.	9.5	93
51	Plant species composition shifts in the Tatra Mts as a response to environmental change: a resurvey study after 90 years. <i>Folia Geobotanica</i> , 2018, 53, 333-348.	0.9	25
52	Climate change, tourism and historical grazing influence the distribution of <i>Carex lachenalii</i> Schkuhr â€” A rare arctic-alpine species in the Tatra Mts. <i>Science of the Total Environment</i> , 2018, 618, 1628-1637.	8.0	27
53	Continental mapping of forest ecosystem functions reveals a high but unrealised potential for forest multifunctionality. <i>Ecology Letters</i> , 2018, 21, 31-42.	6.4	74
54	Observer and relocation errors matter in resurveys of historical vegetation plots. <i>Journal of Vegetation Science</i> , 2018, 29, 812-823.	2.2	51

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55	Responses of competitive understorey species to spatial environmental gradients inaccurately explain temporal changes. <i>Basic and Applied Ecology</i> , 2018, 30, 52-64.	2.7	11
56	Changes in the epiphytic lichen biota of BiaÅ,owieÅ¼a Primeval Forest are not explained by climate warming. <i>Science of the Total Environment</i> , 2018, 643, 468-478.	8.0	22
57	Combining Biodiversity Resurveys across Regions to Advance Global Change Research. <i>BioScience</i> , 2017, 67, 73-83.	4.9	89
58	Conifer proportion explains fine root biomass more than tree species diversity and site factors in major European forest types. <i>Forest Ecology and Management</i> , 2017, 406, 330-350.	3.2	34
59	Biodiversity and ecosystem functioning relations in European forests depend on environmental context. <i>Ecology Letters</i> , 2017, 20, 1414-1426.	6.4	244
60	Winter supplementary feeding influences forest soil seed banks and vegetation. <i>Applied Vegetation Science</i> , 2017, 20, 683-691.	1.9	4
61	Lack of demographic equilibrium indicates natural, large-scale forest dynamics, not a problematic forest conservation policy – a reply to Brzeziecki et al.. <i>Journal of Vegetation Science</i> , 2017, 28, 218-222.	2.2	10
62	Taxonomic and ecological relevance of the chlorophyll <i>a</i> fluorescence signature of tree species in mixed European forests. <i>New Phytologist</i> , 2016, 212, 51-65.	7.3	35
63	Jack-of-all-trades effects drive biodiversity-ecosystem multifunctionality relationships in European forests. <i>Nature Communications</i> , 2016, 7, 11109.	12.8	185
64	Fungal disease incidence along tree diversity gradients depends on latitude in European forests. <i>Ecology and Evolution</i> , 2016, 6, 2426-2438.	1.9	40
65	Is Tree Species Diversity or Species Identity the More Important Driver of Soil Carbon Stocks, C/N Ratio, and pH?. <i>Ecosystems</i> , 2016, 19, 645-660.	3.4	141
66	Positive biodiversity-productivity relationship predominant in global forests. <i>Science</i> , 2016, 354, .	12.6	864
67	Drivers of earthworm incidence and abundance across European forests. <i>Soil Biology and Biochemistry</i> , 2016, 99, 167-178.	8.8	53
68	Biotic homogenization can decrease landscape-scale forest multifunctionality. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 3557-3562.	7.1	196
69	Drivers of temporal changes in temperate forest plant diversity vary across spatial scales. <i>Global Change Biology</i> , 2015, 21, 3726-3737.	9.5	124
70	Variation in neighbourhood context shapes frugivore-mediated facilitation and competition among co-dispersed plant species. <i>Journal of Ecology</i> , 2015, 103, 526-536.	4.0	48
71	Seed dispersal by ungulates as an ecological filter: a trait-based meta-analysis. <i>Oikos</i> , 2015, 124, 1109-1120.	2.7	130
72	The importance of coarse woody debris for vascular plants in temperate mixed deciduous forests. <i>Canadian Journal of Forest Research</i> , 2015, 45, 1154-1163.	1.7	38

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73	Correlated loss of ecosystem services in coupled mutualistic networks. <i>Nature Communications</i> , 2014, 5, 3810.	12.8	56
74	Post-Fire Changes of Soil Seed Banks in the Early Successional Stage of Pine Forest. <i>Polish Journal of Ecology</i> , 2014, 62, 455-466.	0.2	9
75	Vegetation diversity influences endozoochoric seed dispersal by moose (<i>Alces alces</i> L.). <i>Open Life Sciences</i> , 2013, 8, 1250-1264.	1.4	2
76	Endozoochory by the guild of ungulates in Europe's primeval forest. <i>Forest Ecology and Management</i> , 2013, 305, 21-28.	3.2	35
77	A novel comparative research platform designed to determine the functional significance of tree species diversity in European forests. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2013, 15, 281-291.	2.7	179
78	Logging and forest edges reduce redundancy in plant-frugivore networks in an old-growth European forest. <i>Journal of Ecology</i> , 2013, 101, 990-999.	4.0	41
79	Endozoochory by European bison influences the build-up of the soil seed bank in subcontinental coniferous forest. <i>European Journal of Forest Research</i> , 2013, 132, 445-452.	2.5	26
80	Biodiversity of Bryophytes Growing on the Faeces of Ungulates - a Case Study from north-eastern Poland. <i>Cryptogamie, Bryologie</i> , 2011, 32, 221-231.	0.2	4
81	Dung longevity influences the fate of endozoochorically dispersed seeds in forest ecosystems. <i>Botany</i> , 2011, 89, 779-785.	1.0	7
82	The effects of different types of woodland disturbance on the persistence of soil seed banks. <i>Acta Societatis Botanicorum Poloniae</i> , 2011, 80, 149-157.	0.8	6
83	Endozoochory by European bison (<i>Bison bonasus</i>) in BiaÅowieÅa Primeval Forest across a management gradient. <i>Forest Ecology and Management</i> , 2009, 258, 11-17.	3.2	29
84	The European bison as seed dispersers: the effect on the species composition of a disturbed pine forest community. <i>Botany</i> , 2008, 86, 475-484.	1.0	19