## Andrzej M Jagodziński

List of Publications by Year in descending order

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133 papers 5,995 citations

28 h-index 70 g-index

134 all docs

134 docs citations

134 times ranked

9250 citing authors

#	Article	IF	CITATIONS
1	Herbaceous Layer Net Primary Production of Oak-Hornbeam Forest: Comparing Six Methods of Assessment Based on the Seasonal Dynamics of Biomass Increments. Ecosystems, 2022, 25, 337-349.	1.6	4
2	The number of tree species on Earth. Proceedings of the National Academy of Sciences of the United States of America, 2022, $119$ , .	3.3	86
3	The afterlife of herbaceous plant species: A litter decomposition experiment in a temperate oak-hornbeam forest. Forest Ecology and Management, 2022, 507, 120008.	1.4	9
4	Altered growth with blue rings: comparison of radial growth and wood anatomy between trampled and non-trampled Scots pine roots. Dendrochronologia, 2022, 72, 125922.	1.0	5
5	Temperature and precipitation affect seasonal changes in mite communities (Acari: Mesostigmata) in decomposing litter of broadleaved and coniferous temperate tree species. Annals of Forest Science, 2022, 79, .	0.8	10
6	Predicted range shifts of invasive giant hogweed (Heracleum mantegazzianum) in Europe. Science of the Total Environment, 2022, 825, 154053.	3.9	26
7	How different is the forest on post-coal mine heap regarded as novel ecosystem?. Forest Ecology and Management, 2022, 515, 120205.	1.4	5
8	Seedling regeneration techniques affect root systems and the response of Quercus robur seedlings to water shortages. Forest Ecology and Management, 2021, 479, 118552.	1.4	20
9	Cell wall epitopes in grasses of different novel ecosystem habitats on postâ€industrial sites. Land Degradation and Development, 2021, 32, 1680-1694.	1.8	9
10	Use of remote sensing to track postindustrial vegetation development. Land Degradation and Development, 2021, 32, 1426-1439.	1.8	11
11	Black locust ( <i>Robinia pseudoacacia</i> L.) range contraction and expansion in Europe under changing climate. Global Change Biology, 2021, 27, 1587-1600.	4.2	74
12	Tree species have a greater influence on species composition of the herb layer than soil texture on a forested postâ€mining area. Land Degradation and Development, 2021, 32, 2013-2024.	1.8	5
13	Impacts of invasive trees on alpha and beta diversity of temperate forest understories. Biological Invasions, 2021, 23, 235-252.	1.2	18
14	Short life–fast death: decomposition rates of woody plants leaf- and herb-litter. Annals of Forest Science, 2021, 78, 1.	0.8	17
15	Forest land use discontinuity and northern red oak Quercus rubra introduction change biomass allocation and life strategy of lingonberry Vaccinium vitis-idaea. Forest Ecosystems, 2021, 8, .	1.3	6
16	Possible changes in spatial distribution of walnut (Juglans regia L.) in Europe under warming climate. Regional Environmental Change, 2021, 21, 1.	1.4	27
17	How do invasive trees impact shrub layer diversity and productivity in temperate forests?. Annals of Forest Science, $2021, 78, 1$ .	0.8	10
18	Does litter decomposition affect mite communities (Acari, Mesostigmata)? A five-year litterbag experiment with 14 tree species in mixed forest stands growing on a post-industrial area. Geoderma, 2021, 391, 114963.	2.3	13

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19	Predatory mite instars (Acari, Mesostigmata) and decomposing tree leaves in mixed and monoculture stands growing on a spoil heap and surrounding forests. Experimental and Applied Acarology, 2021, 84, 703-731.	0.7	3
20	Macro- and Micronutrient Contents in Soils of a Chronosequence of Naturally Regenerated Birch Stands on Abandoned Agricultural Lands in Central Poland. Forests, 2021, 12, 956.	0.9	2
21	Loss in macronutrient pools in bilberry and lingonberry in mesic Scots pine forests after Northern red oak introduction. European Journal of Forest Research, 2021, 140, 1499-1514.	1.1	3
22	Forest stand structure and cone crop affect winter habitat use by Eurasian red squirrel (Sciurus) Tj ETQq0 0 0 rg	BT /Overlo	ock
23	Mineral Contents in Aboveground Biomass of Sedges (Carex L., Cyperaceae). Energies, 2021, 14, 8007.	1.6	2
24	Fungal diversity notes 1387–1511: taxonomic and phylogenetic contributions on genera and species of fungal taxa. Fungal Diversity, 2021, 111, 1-335.	4.7	88
25	Leaf Traits and Aboveground Biomass Variability of Forest Understory Herbaceous Plant Species. Ecosystems, 2020, 23, 555-569.	1.6	25
26	River regulation drives shifts in urban riparian vegetation over three decades. Urban Forestry and Urban Greening, 2020, 47, 126524.	2.3	10
27	TRY plant trait database – enhanced coverage and open access. Global Change Biology, 2020, 26, 119-188.	4.2	1,038
28	Do the dominant plant species impact the substrate and vegetation composition of post-coal mining spoil heaps?. Ecological Engineering, 2020, 143, 105685.	1.6	28
29	Landscape and parental tree availability drive spread of Ailanthus altissima in the urban ecosystem of PoznaÅ,,, Poland. Urban Forestry and Urban Greening, 2020, 56, 126868.	2.3	8
30	Consequences of different sample drying temperatures for accuracy of biomass inventories in forest ecosystems. Scientific Reports, 2020, 10, 16009.	1.6	3
31	Seasonal dynamics of shoot biomass of dominant clonal herb species in an oak–hornbeam forest herb layer. Plant Ecology, 2020, 221, 1133-1142.	0.7	10
32	Population and communityâ€level compositional patterns shape the realized niche of the rare arcticâ€alpine species <i>Carex lachenalii</i> Schkuhr. Nordic Journal of Botany, 2020, 38, .	0.2	0
33	Late-spring frost risk between 1959 and 2017 decreased in North America but increased in Europe and Asia. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 12192-12200.	3.3	140
34	Impact of Invasive Tree Species on Natural Regeneration Species Composition, Diversity, and Density. Forests, 2020, 11, 456.	0.9	40
35	On the sunny side of the crown – quantification of intra-canopy SLA variation among 179 taxa. Forest Ecology and Management, 2020, 472, 118254.	1.4	10
36	Differences in biomass production and carbon sequestration between highland and lowland stands of Picea abies (L.) H. Karst. and Fagus sylvatica L Forest Ecology and Management, 2020, 474, 118329.	1.4	15

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37	Pollen morphology and variability of Sambucus nigra L. – Adoxaceae. Biologia (Poland), 2020, 75, 481-493.	0.8	9
38	Biological Flora of the British Isles: <i>Quercus rubra</i> . Journal of Ecology, 2020, 108, 1199-1225.	1.9	21
39	Impacts of alien tree species on the abundance and diversity of terricolous bryophytes. Folia Geobotanica, 2020, 55, 351-363.	0.4	3
40	Potential distribution of an epiphytic bryophyte depends on climate and forest continuity. Global and Planetary Change, 2020, 193, 103270.	1.6	15
41	Natural regeneration and recruitment of native Quercus robur and introduced Q. rubra in European oak-pine mixed forests. Forest Ecology and Management, 2019, 449, 117473.	1.4	21
42	Responses of soil mite communities (Acari: Oribatida, Mesostigmata) to elemental composition of mosses and pine needles and long-term air pollution in Scots pine (Pinus sylvestris L.) stands. Science of the Total Environment, 2019, 691, 284-295.	3.9	8
43	Effects of stand features on aboveground biomass and biomass conversion and expansion factors based on a Pinus sylvestris L. chronosequence in Western Poland. European Journal of Forest Research, 2019, 138, 673-683.	1.1	28
44	Seedling survival of Prunus serotina Ehrh., Quercus rubra L. and Robinia pseudoacacia L. in temperate forests of Western Poland. Forest Ecology and Management, 2019, 450, 117498.	1.4	34
45	Regeneration origin affects radial growth patterns preceding oak decline and death – insights from tree-ring Β13C and Β18O. Agricultural and Forest Meteorology, 2019, 278, 107685.	1.9	18
46	Slope exposure and forest stand type as crucial factors determining the decomposition rate of herbaceous litter on a reclaimed spoil heap. Catena, 2019, 175, 219-227.	2.2	10
47	Tree and stand level estimations of Abies alba Mill. aboveground biomass. Annals of Forest Science, 2019, 76, 1.	0.8	25
48	Site Type Effect on Litter Decomposition Rates: A Three-Year Comparison of Decomposition Process between Spoil Heap and Forest Sites. Forests, 2019, 10, 353.	0.9	19
49	Seasonal Dynamics of Floodplain Forest Understory–Impacts of Degradation, Light Availability and Temperature on Biomass and Species Composition. Forests, 2019, 10, 22.	0.9	17
50	Root trait variation in African savannas. Plant and Soil, 2019, 441, 555-565.	1.8	15
51	Climatic controls of decomposition drive the global biogeography of forest-tree symbioses. Nature, 2019, 569, 404-408.	13.7	371
52	Mite Communities (Acari, Mesostigmata) in the Initially Decomposed  Litter Islands' of 11 Tree Species in Scots Pine (Pinus sylvestris L.) Forest. Forests, 2019, 10, 403.	0.9	15
53	Effects of land use change and Quercus rubra introduction on Vaccinium myrtillus performance in Pinus sylvestris forests. Forest Ecology and Management, 2019, 440, 1-11.	1.4	14
54	Context-Dependence of Urban Forest Vegetation Invasion Level and Alien Species' Ecological Success. Forests, 2019, 10, 26.	0.9	26

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55	Similar Impacts of Alien and Native Tree Species on Understory Light Availability in a Temperate Forest. Forests, 2019, 10, 951.	0.9	19
56	Advantages of mixed tree stands in restoration of upper soil layers on postmining sites: A fiveâ€year leaf litter decomposition experiment. Land Degradation and Development, 2019, 30, 3-13.	1.8	32
57	Factors influencing the accuracy of ground-based tree-height measurements for major European tree species. Journal of Environmental Management, 2019, 231, 1284-1292.	3.8	31
58	Succession of Tree Species on Drained Bogs in †Brzozowe Bagno koÅ,o Czaplinka†Mature Reserve, NW Poland. Polish Journal of Ecology, 2019, 66, 352.	0.2	2
59	Differentiation of herb layer vascular flora in reclaimed areas depends on the species composition of forest stands. Forest Ecology and Management, 2018, 409, 541-551.	1.4	29
60	Limited dispersal prevents <i>Quercus rubra</i> invasion in a 14â€species common garden experiment. Diversity and Distributions, 2018, 24, 403-414.	1.9	31
61	Functional response of Quercus robur L. to taproot pruning: a 5-year case study. Annals of Forest Science, 2018, 75, 1.	0.8	10
62	Drivers of invasive tree and shrub natural regeneration in temperate forests. Biological Invasions, 2018, 20, 2363-2379.	1.2	50
63	Canopy tree species determine herb layer biomass and species composition on a reclaimed mine spoil heap. Science of the Total Environment, 2018, 635, 1205-1214.	3.9	26
64	Climate change, tourism and historical grazing influence the distribution of Carex lachenalii Schkuhr – A rare arctic-alpine species in the Tatra Mts. Science of the Total Environment, 2018, 618, 1628-1637.	3.9	27
65	How much does climate change threaten European forest tree species distributions?. Global Change Biology, 2018, 24, 1150-1163.	4.2	540
66	How do tree stand parameters affect young Scots pine biomass? – Allometric equations and biomass conversion and expansion factors. Forest Ecology and Management, 2018, 409, 74-83.	1.4	37
67	Tree species effects on bryophyte guilds on a reclaimed post-mining site. Ecological Engineering, 2018, 110, 117-127.	1.6	40
68	Succession of Mite Assemblages (Acari, Mesostigmata) during Decomposition of Tree Leaves in Forest Stands Growing on Reclaimed Post-Mining Spoil Heap and Adjacent Forest Habitats. Forests, 2018, 9, 718.	0.9	18
69	Tree- and Stand-Level Biomass Estimation in a Larix decidua Mill. Chronosequence. Forests, 2018, 9, 587.	0.9	27
70	Response of soil mites (Acari, Mesostigmata) to long-term Norway spruce plantation along a mountain stream. Experimental and Applied Acarology, 2018, 76, 269-286.	0.7	12
71	Autophagy counteracts instantaneous cell death during seasonal senescence of the fine roots and leaves in Populus trichocarpa. BMC Plant Biology, 2018, 18, 260.	1.6	21
72	Impacts of soil conditions and light availability on natural regeneration of Norway spruce Picea abies (L.) H. Karst. in low-elevation mountain forests. Annals of Forest Science, 2018, 75, 1.	0.8	16

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<b>7</b> 3	Low impact of disturbance on ecological success of invasive tree and shrub species in temperate forests. Plant Ecology, 2018, 219, 1369-1380.	0.7	15
74	Primula veris plants derived from in vitro cultures and from seeds: genetic stability, morphology, and seed characteristics. Turkish Journal of Botany, 2018, 42, 412-422.	0.5	5
<b>7</b> 5	Propagule pressure, presence of roads, and microsite variability influence dispersal of introduced Quercus rubra in temperate Pinus sylvestris forest. Forest Ecology and Management, 2018, 428, 35-45.	1.4	24
76	The carbon balance of a Scots pine forest following severe windthrow: Comparison of reforestation techniques. Agricultural and Forest Meteorology, 2018, 260-261, 216-228.	1.9	8
77	Natural forest remnants as refugia for bryophyte diversity in a transformed mountain river valley landscape. Science of the Total Environment, 2018, 640-641, 954-964.	3.9	25
78	Plant communities of the Czerwona Woda River Valley (StoÅ,owe Mountains National Park). Forest Research Papers, 2018, 79, 181-197.	0.2	3
79	Do understorey or overstorey traits drive tree encroachment on a drained raised bog?. Plant Biology, 2017, 19, 571-583.	1.8	8
80	Ectomycorrhizal Fungi: A Major Player in Early Succession. , 2017, , 187-229.		7
81	Ecological lands for conservation of vascular plant diversity in the urban environment. Urban Ecosystems, 2017, 20, 639-650.	1.1	22
82	The utility of ancient forest indicator species in urban environments: A case study from PoznaÅ,,, Poland. Urban Forestry and Urban Greening, 2017, 27, 76-83.	2.3	22
83	Tree species effects on litter decomposition in pure stands on afforested post-mining sites. Forest Ecology and Management, 2017, 406, 1-11.	1.4	86
84	Interaction between invasive and potentially invasive shrub species does not influence relationships between their ecological success and distance from propagule sources. Plant Ecology, 2017, 218, 923-933.	0.7	4
85	Biomass conversion and expansion factors for a chronosequence of young naturally regenerated silver birch (Betula pendula Roth) stands growing on post-agricultural sites. Forest Ecology and Management, 2017, 384, 208-220.	1.4	33
86	Variability of the inflorescence morphology of <i>Carex spicata</i> (Cyperaceae) and its implication to taxonomy. Nordic Journal of Botany, 2017, 35, 95-106.	0.2	2
87	Continuum of floristic composition between two plant communities – <i>Carici elongatae-Alnetum</i> and <i>Fraxino-Alnetum</i> Forest Research Papers, 2017, 78, 285-296.	0.2	3
88	Biodiversity of ectomycorrhizal fungi in surface mine spoil restoration stands in Poland – first time recorded, rare, and red-listed species. Acta Mycologica, 2017, 51, .	0.3	12
89	Tree Age Effects on Fine Root Biomass and Morphology over Chronosequences of Fagus sylvatica, Quercus robur and Alnus glutinosa Stands. PLoS ONE, 2016, 11, e0148668.	1.1	51
90	Functional diversity, succession, and human-mediated disturbances in raised bog vegetation. Science of the Total Environment, 2016, 562, 648-657.	3.9	19

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91	Above- and below-ground biomass partitioning and fine root morphology in juvenile Sitka spruce clones in monoclonal and polyclonal mixtures. Forest Ecology and Management, 2016, 373, 17-25.	1.4	13
92	Positive biodiversity-productivity relationship predominant in global forests. Science, 2016, 354, .	6.0	864
93	Seasonal variability of biomass, total leaf area and specific leaf area of forest understory herbs reflects their life strategies. Forest Ecology and Management, 2016, 374, 71-81.	1.4	51
94	Patterns of plant invasions at small spatial scale correspond with that at the whole country scale. Urban Ecosystems, 2016, 19, 983-998.	1.1	16
95	Light, earthworms, and soil resources as predictors of diversity of 10 soil invertebrate groups across monocultures of 14 tree species. Soil Biology and Biochemistry, 2016, 92, 184-198.	4.2	91
96	Taxonomic significance of achene morphology of selected Rosa taxa (Rosaceae) occurring in Poland. Acta Societatis Botanicorum Poloniae, 2016, 85, .	0.8	5
97	Changes in vegetation of the Mszar Bogdaniec nature reserve. Forest Research Papers, 2016, 77, 104-116.	0.2	1
98	Encroachment of woody species on a drained transitional peat bog in †Mszar Bogdaniec†nature reserve (Western Poland). Folia Forestalia Polonica, Series A, 2015, 57, 160-172.	0.1	8
99	Plantation of coniferous trees modifies risk and size of Padus serotina (Ehrh.) Borkh. invasion – Evidence from a Rogów Arboretum case study. Forest Ecology and Management, 2015, 357, 84-94.	1.4	22
100	The optimal sample size in pollen morphological studies using the example ofRosa caninal. (Rosaceae). Palynology, 2015, 39, 56-75.	0.7	17
101	"The rich get richer―concept in riparian woody species – A case study of the Warta River Valley (PoznaÅ,,, Poland). Urban Forestry and Urban Greening, 2015, 14, 107-114.	2.3	39
102	Seasonal variation in chemistry, but not morphology, in roots of Quercus robur growing in different soil types. Tree Physiology, 2015, 35, 644-652.	1.4	41
103	Effects of litter traits, soil biota, and soil chemistry on soil carbon stocks at a common garden with 14 tree species. Biogeochemistry, 2015, 123, 313-327.	1.7	77
104	How does biomass distribution change with size and differ among species? An analysis for 1200 plant species from five continents. New Phytologist, 2015, 208, 736-749.	3.5	239
105	Encroachment of Padus serotina (Ehrh.) Borkh.into alder carrs and ash-alder riparian forests. Acta Scientiarum Polonorum Silvarum Colendarum Ratio Et Industria Lignaria, 2015, 14, 103-113.	0.1	5
106	Invasive Prunus serotina - a new host for Yponomeuta evonymellus (Lepidoptera: Yponomeutidae)?. European Journal of Entomology, 2014, 111, 227-236.	1.2	19
107	Fine root parameters and mycorrhizal colonization of horse chestnut trees (Aesculus hippocastanum) Tj ETQq1 1	. 0,784314 3.4	4 rgBT /Overlo
108	The silent shareholder in deterioration of oak growth: common planting practices affect the long-term response of oaks to periodic drought. Forest Ecology and Management, 2014, 318, 133-141.	1.4	28

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109	Habitat preferences of royal fern Osmunda regalis L. in the  Baszków' nature reserve. Folia Forestalia Polonica, Series A, 2014, 56, 171-178.	0.1	2
110	Natural regeneration in the †CzmoÅ,,' nature reserve (Wielkopolska Region). Forest Research Papers, 2014, 75, 61-75.	0.2	2
111	Season and light affect constitutive defenses of understory shrub species against folivorous insects. Acta Oecologica, 2013, 53, 19-32.	0.5	44
112	Comparison of pollen grain morphological features of selected species of the genus <i>Crataegus</i> (Rosaceae) and their spontaneous hybrids. Botanical Journal of the Linnean Society, 2013, 172, 555-571.	0.8	26
113	Spatial distribution of Cynips quercusfolii (Hymenoptera: Cynipidae) galls on leaves and within the crowns of oak trees. European Journal of Entomology, 2013, 110, 657-661.	1.2	8
114	Biodiversity of Balcan pine (Pinus peuce Griseb.) experimental stands in the $Rog\tilde{A}^3$ w Arboretum (Poland). Folia Forestalia Polonica, Series A, 2013, 55, .	0.1	1
115	Seasonal changes in the understorey biomass of an oak-hornbeam forest Galio sylvatici-Carpinetum betuli. Forest Research Papers, 2013, 74, 35-47.	0.2	6
116	Responses of leaf structure and photosynthetic properties to intra-canopy light gradients: a common garden test with four broadleaf deciduous angiosperm and seven evergreen conifer tree species. Oecologia, 2012, 170, 11-24.	0.9	93
117	Tree species effects on coupled cycles of carbon, nitrogen, and acidity in mineral soils at a common garden experiment. Biogeochemistry, 2012, 111, 601-614.	1.7	184
118	Morphological studies of pollen grains of the Polish endemic species of the genus Rubus (Rosaceae). Biologia (Poland), 2012, 67, 87-96.	0.8	10
119	Seed morphology and endosperm structure of selected species of Primulaceae, Myrsinaceae, and Theophrastaceae and their systematic importance. Plant Systematics and Evolution, 2011, 291, 159-172.	0.3	11
120	Systematic importance of pollen morphological features of selected species from the genus Rosa (Rosaceae). Plant Systematics and Evolution, 2011, 295, 55-72.	0.3	27
121	Variation of seed morphology of Trollius europaeus L. and Trollius altissimus Crantz (Ranunculaceae). Acta Societatis Botanicorum Poloniae, 2011, 79, 117-123.	0.8	5
122	Pollen morphology of selected Central European species from subgenera Vignea and Carex (Carex,) Tj ETQq0 0 0 n	rgBT /Over	rlack 10 Tf 50
123	Variability of perigynium morphology of Central European members of Carex sect. Phaestoglochin (Cyperaceae) from variable plant communities. Plant Systematics and Evolution, 2009, 278, 87-99.	0.3	8
124	Overstorey tree species regulate colonization by native and exotic plants: a source of positive relationships between understorey diversity and invasibility. Diversity and Distributions, 2008, 14, 666-675.	1.9	76
125	Morphological variability of Carex spicata Huds. utricles among plant communities. Flora: Morphology, Distribution, Functional Ecology of Plants, 2008, 203, 386-395.	0.6	13
126	Soil modification by different tree species influences the extent of seedling ectomycorrhizal infection. Mycorrhiza, 2006, 16, 73-79.	1.3	39

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127	Aboveground biomass allocation and accumulation in a chronosequence of young Pinus sylvestris stands growing on a lignite mine spoil heap. Dendrobiology, 0, 72, 139-150.	0.6	25
128	Successional traits of ectomycorrhizal fungi in forest reclamation after surface mining and agricultural disturbances: A review. Dendrobiology, 0, 76, 91-104.	0.6	28
129	Functional traits of acquisitive invasive woody species differ from conservative invasive and native species. NeoBiota, 0, 41, 91-113.	1.0	27
130	Light and propagule pressure affect invasion intensity of Prunus serotina in a 14-tree species forest common garden experiment. NeoBiota, 0, 46, 1-21.	1.0	18
131	Functional ecosystem parameters: soil respiration and diversity of mite (Acari, Mesostigmata) communities after disturbance in the upper Cambrian rocks environment. Land Degradation and Development, 0, , .	1.8	4
132	Differences in C and N release from Alliaria petiolata leaves and stems: consequences for nutrient cycling in forest ecosystems. European Journal of Forest Research, 0, , .	1.1	1
133	Soil mite communities structure (Acari, Mesostigmata) during litter decomposition of seven tree species in pure Scots pine stands ( <i>Pinus sylvestris</i> L.) growing on a reclaimed postâ€industrial area. Land Degradation and Development, 0, , .	1.8	0