Petr PetÅÃ-k

List of Publications by Year
in descending order

54 papers	3,339 citations	218592 26 h-index	175177 52 g-index
55 all docs	55 docs citations	55 times ranked	6035 citing authors

#	Article	IF	Citations
1	Directional turnover towards largerâ€ranged plants over time and across habitats. Ecology Letters, 2022, 25, 466-482.	3.0	39
2	Tropical Cyclone Disturbances Induce Contrasting Impacts on Forest Structure, Plant Composition, and Soil Properties in Temperate Broadleaf and Coniferous Forests. Forests, 2022, 13, 1033.	0.9	1
3	Historical charcoal burning and coppicing suppressed beech and increased forest vegetation heterogeneity. Journal of Vegetation Science, 2021, 32, .	1.1	13
4	Impact of invasive and native dominants on species richness and diversity of plant communities. Preslia, 2021, 93, 181-201.	1.1	26
5	sPlotOpen â€" An environmentally balanced, openâ€access, global dataset of vegetation plots. Global Ecology and Biogeography, 2021, 30, 1740-1764.	2.7	49
6	Thermal differences between juveniles and adults increased over time in European forest trees. Journal of Ecology, 2021, 109, 3944-3957.	1.9	4
7	Pladias Database of the Czech flora and vegetation. Preslia, 2021, 93, 1-87.	1.1	86
8	Similar factors underlie tree abundance in forests in native and alien ranges. Global Ecology and Biogeography, 2020, 29, 281-294.	2.7	21
9	Robinia pseudoacacia-dominated vegetation types of Southern Europe: Species composition, history, distribution and management. Science of the Total Environment, 2020, 707, 134857.	3.9	41
10	Response to Comment on â€œForest microclimate dynamics drive plant responses to warmingâ€. Science, 2020, 370, .	6.0	1
11	Forest microclimate dynamics drive plant responses to warming. Science, 2020, 368, 772-775.	6.0	385
12	Replacements of small- by large-ranged species scale up to diversity loss in Europeâ€™s temperate forest biome. Nature Ecology and Evolution, 2020, 4, 802-808.	3.4	67
13	Tree growth response to recent warming of two endemic species in Northeast Asia. Climatic Change, 2020, 162, 1345-1364.	1.7	18
14	Two faces of parks. Preslia, 2020, 92, 353-373.	1.1	14
15	Response to Comment on â€œForest microclimate dynamics drive plant responses to warmingâ€. Science, 2020, 370, .	6.0	3
16	sPlot â€" A new tool for global vegetation analyses. Journal of Vegetation Science, 2019, 30, 161-186.	1.1	185
17	Plant distribution data for the Czech Republic integrated in the Pladias database. Preslia, 2019, 91, 1-24.	1.1	42
18	Early stage litter decomposition across biomes. Science of the Total Environment, 2018, 628-629, 1369-1394.	3.9	177

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19	Global environmental change effects on plant community composition trajectories depend upon management legacies. Global Change Biology, 2018, 24, 1722-1740.	4.2	93
20	Global traitâ€"environment relationships of plant communities. Nature Ecology and Evolution, 2018, 2, 1906-1917.	3.4	397
21	Poleward migration of the destructive effects of tropical cyclones during the 20th century. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 11543-11548.	3.3	71
22	Observer and relocation errors matter in resurveys of historical vegetation plots. Journal of Vegetation Science, 2018, 29, 812-823.	1.1	51
23	Responses of competitive understorey species to spatial environmental gradients inaccurately explain temporal changes. Basic and Applied Ecology, 2018, 30, 52-64.	1.2	11
24	Understanding context dependency in the response of forest understorey plant communities to nitrogen deposition. Environmental Pollution, 2018, 242, 1787-1799.	3.7	49
25	Distributions of vascular plants in the Czech Republic. Part 7. Preslia, 2018, 90, 425-531.	1.1	10
26	Forests and Climate Change in Czechia: an Appeal to Responsibility. Journal of Landscape Ecology(Czech Republic), 2018, 11, 3-16.	0.2	5
27	Editorial to The Monothematic Issue of Jle: Forests and Climate Change â€" How to Take Responsibility?. Journal of Landscape Ecology(Czech Republic), 2018, 11, 1-2.	0.2	0
28	Combining Biodiversity Resurveys across Regions to Advance Global Change Research. BioScience, 2017, 67, 73-83.	2.2	89
29	Life stage, not climate change, explains observed tree range shifts. Global Change Biology, 2016, 22, 1904-1914.	4.2	46
30	It is time to change land use and landscape management in the czech republic. Ecosystem Health and Sustainability, 2015, 1, 1-6.	1.5	8
31	Drivers of temporal changes in temperate forest plant diversity vary across spatial scales. Global Change Biology, 2015, 21, 3726-3737.	4.2	124
32	Classification of <scp>K</scp>orean forests: patterns along geographic and environmental gradients. Applied Vegetation Science, 2015, 18, 5-22.	0.9	26
33	Vegetation Succession on River Sediments along the Nakdong River, South Korea. Folia Geobotanica, 2014, 49, 507-519.	0.4	33
34	Plant movements and climate warming: intraspecific variation in growth responses to nonlocal soils. New Phytologist, 2014, 202, 431-441.	3.5	29
35	Reply to Harwood et al.: Thermophilization estimation is robust to the scale of species distribution data. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E1166-E1166.	3.3	4
36	Vegetation succession in restoration of disturbed sites in Central Europe: the direction of succession and species richness across 19 seres. Applied Vegetation Science, 2014, 17, 193-200.	0.9	123

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37	A modelâ€based approach to studying changes in compositional heterogeneity. Methods in Ecology and Evolution, 2014, 5, 156-164.	2.2	19
38	Microclimate moderates plant responses to macroclimate warming. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 18561-18565.	3.3	523
39	Environmental correlates of plant diversity in Korean temperate forests. Acta Oecologica, 2013, 47, 37-45.	0.5	26
40	Using long-term ecosystem service and biodiversity data to study the impacts and adaptation options in response to climate change: insights from the global ILTER sites network. Current Opinion in Environmental Sustainability, 2013, 5, 53-66.	3.1	39
41	Driving factors behind the eutrophication signal in understorey plant communities of deciduous temperate forests. Journal of Ecology, 2012, 100, 352-365.	1.9	214
42	Plant Diversity Changes during the Postglacial in East Asia: Insights from Forest Refugia on Halla Volcano, Jeju Island. PLoS ONE, 2012, 7, e33065.	1.1	29
43	Korean Forest Database. Biodiversity and Ecology = Biodiversitat Und Okologie, 2012, 4, 300-301.	0.2	2
44	Vegetation with<i>Gagea bohemica</i>in the landscape context. Plant Biosystems, 2011, 145, 570-583.	0.8	6
45	Long-term patterns in soil acidification due to pollution in forests of the Eastern Sudetes Mountains. Environmental Pollution, 2011, 159, 2586-2593.	3.7	26
46	Flora of toxic depots in selected industrial zones. Acta Societatis Botanicorum Poloniae, 2011, 78, 327-334.	0.8	2
47	Recording effort biases the species richness cited in plant distribution atlases. Perspectives in Plant Ecology, Evolution and Systematics, 2010, 12, 57-65.	1.1	29
48	Combining numerical and traditional approaches to classify Echinops sphaerocephalus invaded communities in the Czech Republic. Phytocoenologia, 2009, 39, 253-264.	1.2	1
49	Vegetation with Aira praecox in the Czech Republic compared to its variability in Western Europe. Phytocoenologia, 2007, 37, 115-134.	1.2	2
50	Botanical survey and screening of plant species which accumulate 226Ra from contaminated soil of uranium waste depot. European Journal of Soil Biology, 2007, 43, 251-261.	1.4	32
51	Species groups can be transferred across different scales. Journal of Biogeography, 2006, 33, 1628-1642.	1.4	11
52	Habitat requirements of Cardaminopsis petraea â€” Rare and relict species of the Czech Republic. Biologia (Poland), 2006, 61, 51-61.	0.8	10
53	226Ra uptake from soils into different plant species. Journal of Radioanalytical and Nuclear Chemistry, 2004, 262, 187-189.	0.7	19
54	Composition patterns of ornamental flora in the Czech Republic. NeoBiota, 0, 52, 87-109.	1.0	8