David ZelenÃ½

List of Publications by Year
in descending order

43 papers	2,843 citations	279798 23 h-index	265206 42 g-index
50 all docs	50 docs citations	50 times ranked	5426 citing authors

#	Article	IF	Citations
1	TRY plant trait database â€“ enhanced coverage and open access. Global Change Biology, 2020, 26, 119-188.	9.5	1,038
2	Modified TWINSPAN classification in which the hierarchy respects cluster heterogeneity. Journal of Vegetation Science, 2009, 20, 596-602.	2.2	233
3	Too good to be true: pitfalls of using mean <scp>E</scp>llenberg indicator values in vegetation analyses. Journal of Vegetation Science, 2012, 23, 419-431.	2.2	162
4	Quantifying sample completeness and comparing diversities among assemblages. Ecological Research, 2020, 35, 292-314.	1.5	141
5	Ellenberg-type indicator values for the Czech flora. Preslia, 2018, 90, 83-103.	2.8	107
6	Classification of <scp>T</scp>aiwan forest vegetation. Applied Vegetation Science, 2013, 16, 698-719.	1.9	106
7	Better environmental data may reverse conclusions about nicheâ€and dispersalâ€based processes in community assembly. Ecology, 2013, 94, 2145-2151.	3.2	89
8	Management of semi-natural grasslands benefiting both plant and insect diversity: The importance of heterogeneity and tradition. Agriculture, Ecosystems and Environment, 2017, 246, 243-252.	5.3	86
9	Pladias Database of the Czech flora and vegetation. Preslia, 2021, 93, 1-87.	2.8	86
10	Which results of the standard test for communityâ€weighted mean approach are too optimistic?. Journal of Vegetation Science, 2018, 29, 953-966.	2.2	69
11	Alien plants invade more phylogenetically clustered community types and cause even stronger clustering. Global Ecology and Biogeography, 2015, 24, 786-794.	5.8	66
12	The species richnessâ€“productivity relationship in the herb layer of European deciduous forests. Global Ecology and Biogeography, 2012, 21, 657-667.	5.8	46
13	Estimation of herbaceous biomass from species composition and cover. Applied Vegetation Science, 2012, 15, 580-589.	1.9	45
14	Structural bias in aggregated speciesâ€level variables driven by repeated species coâ€occurrences: a pervasive problem in community and assemblage data. Journal of Biogeography, 2017, 44, 1199-1211.	3.0	45
15	Testing the species pool hypothesis for mire vegetation: exploring the influence of pH specialists and habitat history. Oikos, 2007, 116, 1311-1322.	2.7	37
16	High species richness in hemiboreal forests of the northern Russian Altai, southern Siberia. Journal of Vegetation Science, 2012, 23, 605-616.	2.2	37
17	Benchmarking plant diversity of Palaearctic grasslands and other open habitats. Journal of Vegetation Science, 2021, 32, e13050.	2.2	34
18	Environmental factors influencing herb layer productivity in Central European oak forests: insights from soil and biomass analyses and a phytometer experiment. Plant and Soil, 2011, 342, 183-194.	3.7	32

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19	Coâ€ѳoccurrence based assessment of species habitat specialization is affected by the size of species pool: reply to Fridley <i>etÂal</i>. (2007). Journal of Ecology, 2009, 97, 10-17.	4.0	31
20	Floristic diversity of an eastern Mediterranean dwarf shrubland: the importance of soil pH. Journal of Vegetation Science, 2010, 21, 1125-1137.	2.2	31
21	Measuring size and composition of species pools: a comparison of dark diversity estimates. Ecology and Evolution, 2016, 6, 4088-4101.	1.9	31
22	High Plant Diversity of Grasslands in a Landscape Context: A Comparison of Contrasting Regions in Central Europe. Folia Geobotanica, 2014, 49, 117-135.	0.9	27
23	Measuring ecological specialization along a natural stress gradient using a set of complementary niche breadth indices. Journal of Vegetation Science, 2016, 27, 892-903.	2.2	27
24	Shifts in the ecological behaviour of plant species between two distant regions: evidence from the base richness gradient in mires. Journal of Biogeography, 2008, 35, 282-294.	3.0	25
25	<i>Chamaecyparis</i> montane cloud forest in Taiwan: ecology and vegetation classification. Ecological Research, 2015, 30, 771-791.	1.5	25
26	Pattern of local plant species richness along a gradient of landscape topographical heterogeneity: result of spatial mass effect or environmental shift?. Ecography, 2010, 33, 578-589.	4.5	21
27	Patterns of Land Snail Assemblages along a Fine-Scale Moisture Gradient. Malacologia, 2013, 56, 31-42.	0.4	21
28	Regional differences in soil pH niche among dry grassland plants in Eurasia. Oikos, 2017, 126, 660-670.	2.7	17
29	What defines insularity for plants in edaphic islands?. Ecography, 2021, 44, 1249-1258.	4.5	17
30	Distribution of habitat specialists in semiâ€ѳnatural grasslands. Journal of Vegetation Science, 2013, 24, 616-627.	2.2	16
31	Ecological specialization indices for species of the Czech flora. Preslia, 2019, 91, 93-116.	2.8	16
32	Imputation of environmental variables for vegetation plots based on compositional similarity. Journal of Vegetation Science, 2010, 21, 88-95.	2.2	12
33	Contrasting patterns of fine-scale herb layer species composition in temperate forests. Acta Oecologica, 2017, 80, 24-31.	1.1	12
34	Insularity promotes plant persistence strategies in edaphic island systems. Global Ecology and Biogeography, 2022, 31, 753-764.	5.8	10
35	Classification of the High-Mountain Coniferous Forests in Taiwan. Folia Geobotanica, 2012, 47, 373-401.	0.9	8
36	Land snail richness and abundance along a sharp ecological gradient at two sampling scales: disentangling relationships. Journal of Molluscan Studies, 2014, 80, 256-264.	1.2	7

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37	Towards the spatial coherence of biogeographical regionalizations at subcontinental and landscape scales. Journal of Biogeography, 2016, 43, 2489-2501.	3.0	7
38	Sticking around: Plant persistence strategies on edaphic islands. Diversity and Distributions, 2022, 28, 1850-1862.	4.1	7
39	Natural habitats matter: Determinants of spatial pattern in the composition of animal assemblages of the Czech Republic. Acta Oecologica, 2014, 59, 7-17.	1.1	6
40	Climate and soil differentially affect species, trait and diversity patterns of woody overstorey and fern understorey in a subtropical forest along an elevation gradient in Taiwan. Journal of Vegetation Science, 2022, 33, .	2.2	3
41	Tracing the signs of local dispersal in the temperate forest understorey using spatially structured vegetation data. Journal of Vegetation Science, 2020, 31, 84-94.	2.2	1
42	Testing the Species pool hypothesis for mire vegetation: exploring the influence of pH specialists and habitat history. Oikos, 2007, 116, 1311-1322.	2.7	1
43	Secondary succession on landslides in submontane forests of central Taiwan: Environmental drivers and restoration strategies. Applied Vegetation Science, 2022, 25, .	1.9	0