

# Richard Hrivnák

## List of Publications by Year in descending order

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Version: 2024-02-01

69  
papers

956  
citations

471509

17  
h-index

526287

27  
g-index

70  
all docs

70  
docs citations

70  
times ranked

1402  
citing authors

#	ARTICLE	IF	CITATIONS
1	Vegetation classification and biogeography of European floodplain forests and alder carrs. <i>Applied Vegetation Science</i> , 2016, 19, 147-163.	1.9	89
2	Red list of ferns and flowering plants of Slovakia, 5th edition (October 2014). <i>Biologia (Poland)</i> , 2015, 70, 218-228.	1.5	76
3	Seed rain and environmental controls on invasion of <i>Picea abies</i> into grassland. <i>Plant Ecology</i> , 2007, 194, 135-148.	1.6	50
4	The impact of environmental factors on the distribution pattern of aquatic plants along the Danube River corridor (Slovakia). <i>Limnologica</i> , 2007, 37, 290-302.	1.5	45
5	Classification of the European marsh vegetation ( <i>Phragmites</i> - <i>Magnocaricetea</i> ) to the association level. <i>Applied Vegetation Science</i> , 2020, 23, 297-316.	1.9	38
6	Context-dependence of diagnostic species: A case study of the central european spruce forests. <i>Folia Geobotanica</i> , 2002, 37, 403-417.	0.9	37
7	Changes of the functional diversity of soil microbial community during the colonization of abandoned grassland by a forest. <i>Applied Soil Ecology</i> , 2009, 43, 191-199.	4.3	36
8	Ponds and their catchments: size relationships and influence of land use across multiple spatial scales. <i>Hydrobiologia</i> , 2016, 774, 155-166.	2.0	34
9	Formalised classification of the annual herb vegetation of wetlands (Isoetes - Juncetea class) in the Czech Republic and Slovakia (Central Europe). <i>Phytocoenologia</i> , 2013, 43, 13-40.	0.5	30
10	Environmental drivers of macrophyte species richness in artificial and natural aquatic water bodies – comparative approach from two central European regions. <i>Annales De Limnologie</i> , 2014, 50, 269-278.	0.6	25
11	Classification of inland <i>Bolboschoenus</i> -dominated vegetation in Central Europe. <i>Phytocoenologia</i> , 2009, 39, 205-215.	0.5	24
12	Effect of environmental variables on the aquatic macrophyte composition pattern in streams: a case study from Slovakia. <i>Fundamental and Applied Limnology</i> , 2010, 177, 115-124.	0.7	24
13	Species Richness Pattern along Altitudinal Gradient in Central European Beech Forests. <i>Folia Geobotanica</i> , 2014, 49, 425-441.	0.9	22
14	Numerical classification of alder carr and riparian alder forests in Slovakia. <i>Phytocoenologia</i> , 2014, 44, 283-308.	0.5	21
15	The Importance of Local and Regional Factors on the Vegetation of Created Wetlands in Central Europe. <i>Wetlands</i> , 2011, 31, 663-674.	1.5	20
16	Diversity of aquatic macrophytes in relation to environmental factors in the Slatina river (Slovakia). <i>Biologia (Poland)</i> , 2006, 61, 413-419.	1.5	19
17	WetVegEurope: a database of aquatic and wetland vegetation of Europe. <i>Phytocoenologia</i> , 2015, 45, 187-194.	0.5	18
18	Native and Alien Plant Species Richness Response to Soil Nitrogen and Phosphorus in Temperate Floodplain and Swamp Forests. <i>Forests</i> , 2015, 6, 3501-3513.	2.1	18

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19	Invasibility of alien <i>Impatiens parviflora</i> in temperate forest understories. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2016, 224, 14-23.	1.2	17
20	Spatio-temporal changes in land cover and aquatic macrophytes of the Danube floodplain lake. <i>Limnologica</i> , 2011, 41, 316-324.	1.5	16
21	Environmental thresholds and predictors of macrophyte species richness in aquatic habitats in central Europe. <i>Folia Geobotanica</i> , 2016, 51, 227-238.	0.9	15
22	Contribution to the flora of Asian and European countries: new national and regional vascular plant records, 8. <i>Botany Letters</i> , 2019, 166, 163-188.	1.4	14
23	Comparative Macrophyte Diversity of Waterbodies in the Central European landscape. <i>Wetlands</i> , 2018, 38, 451-459.	1.5	13
24	Effect of ecological factors on the zonation of wetland vegetation. <i>Acta Societatis Botanicorum Poloniae</i> , 2011, 74, 73-81.	0.8	13
25	Vegetation of the aquatic and marshland habitats in the Orava region, including the first records of <i>Potamogeton alpinus</i> , <i>Potamogeton zizii</i> and <i>Ranunculo-Juncetum bulbosi</i> in the territory of Slovakia. <i>Biologia (Poland)</i> , 2011, 66, 626-637.	1.5	12
26	Variability of alder-dominated forest vegetation along a latitudinal gradient in Slovakia. <i>Acta Societatis Botanicorum Poloniae</i> , 2012, 81, 25-35.	0.8	12
27	Syntaxonomy and ecology of acidophilous beech forest vegetation in Slovakia. <i>Phytocoenologia</i> , 2016, 46, 69-87.	0.5	12
28	Rare and threatened vascular plants of the railways in Slovakia. <i>Biodiversity Research and Conservation</i> , 2014, 35, 75-85.	0.3	11
29	The Relationship between Macrophyte Assemblages and Selected Environmental Variables in Reservoirs of Slovakia Examined for the Purpose of Ecological Assessment. <i>Polish Journal of Ecology</i> , 2014, 62, 541-558.	0.2	10
30	Patterns of grassland invasions by trees: insights from demographic and genetic spatial analyses. <i>Journal of Plant Ecology</i> , 2015, 8, 468-479.	2.3	10
31	Phytosociological approach to scree and ravine forest vegetation in Slovakia. <i>Annals of Forest Research</i> , 2020, 62, 183.	1.1	10
32	Mire vegetation of the Muráňska Planina Mts – formalised classification, ecology, main environmental gradient and influence of geographical position. <i>Biologia (Poland)</i> , 2008, 63, 368-377.	1.5	8
33	Species Richness, Ecology, and Prediction of Orchids in Central Europe: Local-Scale Study. <i>Diversity</i> , 2020, 12, 154.	1.7	8
34	Formalised classification of aquatic vegetation in Slovakia*. <i>Phytocoenologia</i> , 2019, 49, 107-133.	0.5	7
35	Pre-industrial composition of woodlands and modern deforestation events in the southern part of the Western Carpathians. <i>Review of Palaeobotany and Palynology</i> , 2019, 260, 1-15.	1.5	7
36	Distribution of the Macrophyte Communities in the Danube Reflects River Serial Discontinuity. <i>Water (Switzerland)</i> , 2021, 13, 918.	2.7	7

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37	Topographic indices predict the diversity of Red List and non-native plant species in human-altered riparian ecosystems. <i>Ecological Indicators</i> , 2022, 139, 108949.	6.3	7
38	Seasonal dynamics of macrophyte abundance in two regulated streams. <i>Open Life Sciences</i> , 2009, 4, 241-249.	1.4	6
39	The relationship between macrophyte assemblages and environmental variables in drainage and irrigation canals in Slovakia. <i>Biologia (Poland)</i> , 2016, 71, 516-527.	1.5	6
40	Artificial ponds in Central Europe do not fall behind the natural ponds in terms of macrophyte diversity. <i>Knowledge and Management of Aquatic Ecosystems</i> , 2018, , 8.	1.1	6
41	Test of the efficiency of environmental surrogates for the conservation prioritization of ponds based on macrophytes. <i>Ecological Indicators</i> , 2018, 95, 606-614.	6.3	6
42	How do environmental variables shape plant species diversity and composition in beech forests of Central Slovakia?. <i>Biologia (Poland)</i> , 2019, 74, 1295-1301.	1.5	6
43	Alien aquatic plants in Slovakia over 130 years: historical overview, current distribution and future perspectives. <i>NeoBiota</i> , 0, 49, 37-56.	1.0	6
44	Invasive elodeas in Slovakia (Central Europe): distribution, ecology and effect on native macrophyte assemblages. <i>Aquatic Invasions</i> , 2021, 16, 617-636.	1.6	6
45	The long history of rich fens supports persistence of plant and snail habitat specialists. <i>Biodiversity and Conservation</i> , 2022, 31, 39-57.	2.6	6
46	Drivers of plant species composition in alder-dominated forests with contrasting connectivity. <i>Wetlands Ecology and Management</i> , 2020, 28, 137-150.	1.5	5
47	Syntaxonomical revision of the order Fagetalia sylvaticae Pawłowski ex Pawłowski et al. 1928 in Slovakia. <i>Biologia (Poland)</i> , 2021, 76, 1929.	1.5	5
48	Vegetation-Environmental Variable Relationships in Ponds of Various Origins along an Altitudinal Gradient. <i>Polish Journal of Environmental Studies</i> , 2017, 26, 1575-1583.	1.2	5
49	Alien wetland annual <i>Lindernia dubia</i> (Scrophulariaceae): the first recently mentioned localities in Slovakia and their central European context. <i>Biologia (Poland)</i> , 2016, 71, 281-286.	1.5	4
50	Relationships of macrophyte species richness and environment in different water body types in the Central European region. <i>Annales De Limnologie</i> , 2018, 54, 35.	0.6	4
51	Effects of ammonium levels on growth and accumulation of antioxidative flavones of the submerged macrophyte <i>Ceratophyllum demersum</i> . <i>Aquatic Botany</i> , 2021, 171, 103376.	1.6	4
52	Environmental effects on species richness of macrophytes in Slovak streams. <i>Open Life Sciences</i> , 2012, 7, 1030-1036.	1.4	3
53	Ecology, threats and conservation status of <i>Carex buekii</i> (Cyperaceae) in Central Europe. <i>Scientific Reports</i> , 2019, 9, 11162.	3.3	3
54	The Last Glacial and Holocene history of mountain woodlands in the southern part of the Western Carpathians, with emphasis on the spread of <i>Fagus sylvatica</i> . <i>Palynology</i> , 2020, 44, 709-722.	1.5	3

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55	Floodplain forest vegetation in the northern part of the Western Carpathians. <i>Biologia (Poland)</i> , 2020, 75, 1789-1799.	1.5	3
56	Distribution, ecology and vegetation affinity of bog arum ( <i>Calla palustris</i> ) in Slovakia. <i>Biologia (Poland)</i> , 2021, 76, 2021-2029.	1.5	3
57	Non-native plant species in alder-dominated forests in Slovakia: what does the regional- and the local-scale approach bring?. <i>Folia Oecologica</i> , 2020, 47, 100-108.	0.7	3
58	<i>Utricularia breonii</i> (Lentibulariaceae) rediscovered in Slovakia. <i>Polish Botanical Journal</i> , 2013, 58, 653-658.	0.5	3
59	Macrophyte Vegetation of Artificial water Reservoirs in the Krupinská Planina Mts., Including the First Record of <i>Potamogeton acutifolius</i> from Slovakia. <i>Hacquetia</i> , 2009, 8, .	0.4	3
60	A new marsh plant community of <i>Eleocharis palustris</i> - <i>Alismatetum lanceolati</i> ( <i>Eleocharis</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 T 84, 311-319.	0.8	3
61	Western-Carpathian mountain spruce woodlands at their southern margin. <i>Preslia</i> , 2020, 92, .	2.8	3
62	Morphological variability of <i>Carex buekii</i> (Cyperaceae) as a function of soil conditions: a case study of the Central European populations. <i>Scientific Reports</i> , 2022, 12, .	3.3	3
63	Distribution and eco-coenotic patterns of the forest orchid <i>Epipactis pontica</i> in Slovakia. <i>Annals of Forest Research</i> , 2014, .	1.1	2
64	Vegetation affinity of species <i>Typha shuttleworthii</i> in the western part of the Carpathians, with <i>Typhetum shuttleworthii</i> as a new association to Slovakia. <i>Biodiversity Data Journal</i> , 2020, 8, e52151.	0.8	2
65	Environmental effects on macrophyte assemblages of small and medium-sized rivers in two bioregions of Central Europe. <i>Botany Letters</i> , 2017, 164, 273-287.	1.4	1
66	Classification of common hazel scrub vegetation in Slovakia. <i>Biologia (Poland)</i> , 2020, 76, 1909.	1.5	1
67	<i>Veronica beccabungae</i> - <i>Mimuletum guttati</i> , a new plant community in Slovakia. <i>Acta Societatis Botanicorum Poloniae</i> , 2018, 87, .	0.8	1
68	Bryophyte responses to a moisture gradient within two different spatial scales in mown meadows and mesic pastures. <i>Grassland Science</i> , 2015, 61, 28-33.	1.1	0
69	New mutations for two association names of forest plant communities. <i>Biologia (Poland)</i> , 2022, 77, 981-982.	1.5	0