EnikÅ‘ K Magyari

List of Publications by Year
in descending order

51	1,565	279798 23	315739 38
papers	citations	h-index	g-index

58	58	58	1935
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Validation of climate model-inferred regional temperature change for late-glacial Europe. Nature Communications, 2014, 5, 4914.	12.8	129
2	A global database of Holocene paleotemperature records. Scientific Data, 2020, 7, 115.	5.3	112
3	A chironomid-based reconstruction of late glacial summer temperatures in the southern Carpathians (Romania). Quaternary Research, 2012, 77, 122-131.	1.7	75
4	Palaeolimnology of the last crater lake in the Eastern Carpathian Mountains: a multiproxy study of Holocene hydrological changes. Hydrobiologia, 2009, 631, 29-63.	2.0	73
5	Chironomid-inferred Holocene temperature changes in the South Carpathians (Romania). Holocene, 2015, 25, 569-582.	1.7	72
6	Reconstructing hydrological variability from testate amoebae analysis in Carpathian peatlands. Journal of Paleolimnology, 2006, 36, 1-17.	1.6	71
7	Trends in biomass burning in the Carpathian region over the last 15,000 years. Quaternary Science Reviews, 2012, 45, 111-125.	3.0	69
8	Retarded wetland succession: anthropogenic and climatic signals in a Holocene peat bog profile from north-east Hungary. Journal of Ecology, 2001, 89, 1019-1032.	4.0	62
9	A guide to screening charcoal peaks in macrocharcoal-area records for fire-episode reconstructions. Holocene, 2014, 24, 1002-1008.	1.7	58
10	Fire hazard modulation by long-term dynamics in land cover and dominant forest type in eastern and central Europe. Biogeosciences, 2020, 17, 1213-1230.	3.3	52
11	Responses of terrestrial ecosystems to Dansgaardâ€“Oeshger cycles and Heinrich-events: A 28,000-year record of environmental changes from SE Hungary. Quaternary International, 2013, 293, 34-50.	1.5	48
12	Neolithic human impact on the landscapes of North-East Hungary inferred from pollen and settlement records. Vegetation History and Archaeobotany, 2012, 21, 279-302.	2.1	46
13	Population dynamics and genetic changes of Picea abies in the South Carpathians revealed by pollen and ancient DNA analyses. BMC Evolutionary Biology, 2011, 11, 66.	3.2	41
14	Radiocarbon chronology of glacial lake sediments in the Retezat Mts (South Carpathians, Romania): a window to Late Glacial and Holocene climatic and paleoenvironmental changes. Central European Geology, 2009, 52, 225-248.	0.4	36
15	A new paleobotanical method for the description of Late Quaternary organic sediments (Mire-development pathways and paleoclimatic records from S Hungary). Acta Geologica Hungarica, 2004, 47, 373-409.	0.2	32
16	Holocene treeline and timberline changes in the South Carpathians (Romania): Climatic and anthropogenic drivers on the southern slopes of the Retezat Mountains. Holocene, 2017, 27, 1613-1630.	1.7	30
17	Pollen percentage thresholds of Abies alba based on 13-year annual records of pollen deposition in modified Tauber traps: perspectives of application to fossil situations. Review of Palaeobotany and Palynology, 2013, 195, 26-36.	1.5	27
18	Morphometrical and geochronological constraints on the youngest eruptive activity in East-Central Europe at the Ciomadul (CsomÃ¡d) lava dome complex, East Carpathians. Journal of Volcanology and Geothermal Research, 2013, 255, 43-56.	2.1	27

#	Article	IF	Citations
19	Responses of diatoms to the Younger Dryas climatic reversal in a South Carpathian mountain lake (Romania). Journal of Paleolimnology, 2012, 48, 417-431.	1.6	26
20	Using linear discriminant analysis (LDA) of bulk lake sediment geochemical data to reconstruct lateglacial climate changes in the South Carpathian Mountains. Quaternary International, 2013, 293, 114-122.	1.5	26
21	Holocene fire-regime changes near the treeline in the Retezat Mts. (Southern Carpathians, Romania). Quaternary International, 2018, 477, 94-105.	1.5	24
22	A new framework for understanding Pannonian vegetation patterns: regularities, deviations and uniqueness. Community Ecology, 2014, 15, 12-26.	0.9	23
23	Pleistocene vertebrate faunas of the SÃ¼ttÅ‘ Travertine Complex (Hungary). Quaternary International, 2014, 319, 50-63.	1.5	23
24	The â€˜Roxolany Tephraâ€™ (Ukraine) â€“ new evidence for an origin from Ciomadul volcano, East Carpathians. Journal of Quaternary Science, 2016, 31, 565-576.	2.1	22
25	Warm Younger Dryas summers and early late glacial spread of temperate deciduous trees in the Pannonian Basin during the last glacial termination (20-9â€‰kyrâ€‰cal BP). Quaternary Science Reviews, 2019, 225, 105980.	3.0	21
26	Ultra-distal fine ash occurrences of the Icelandic Askja-S Plinian eruption deposits in Southern Carpathian lakes: New age constraints on a continental scale tephrostratigraphic marker. Quaternary Science Reviews, 2018, 188, 174-182.	3.0	20
27	Timing of major forest compositional changes and tree expansions in the Retezat Mts during the last 16,000 years. Quaternary International, 2018, 477, 40-58.	1.5	20
28	Treeline and timberline dynamics on the northern and southern slopes of the Retezat Mountains (Romania) during the late glacial and the Holocene. Quaternary International, 2018, 477, 59-78.	1.5	18
29	Ecosystem shift of a mountain lake under climate and human pressure: A move out from the safe operating space. Science of the Total Environment, 2020, 743, 140584.	8.0	18
30	Holocene mammal extinctions in the Carpathian Basin: a review. Mammal Review, 2017, 47, 38-52.	4.8	16
31	The character of the Atlantic oak woods of the Great Hungarian Plain. Quaternary International, 2018, 463, 337-351.	1.5	16
32	Limnological changes in South Carpathian glacier-formed lakes (Retezat Mountains, Romania) during the Late Glacial and the Holocene: A synthesis. Quaternary International, 2018, 477, 138-152.	1.5	15
33	Fire on ice and frozen trees? Inappropriate radiocarbon dating leads to unrealistic reconstructions. New Phytologist, 2019, 222, 657-662.	7.3	15
34	Ageâ€“depth relationship and accumulation rates in four sediment sequences from the Retezat Mts, South Carpathians (Romania). Quaternary International, 2018, 477, 7-18.	1.5	14
35	Holocene environmental changes as recorded in the geochemistry of glacial lake sediments from Retezat Mountains, South Carpathians. Quaternary International, 2018, 477, 19-39.	1.5	11
36	Reconciling diverse diatom-based lake responses to climate change in four mountain lakes in the South-Carpathian Mountains during the last 17Âkyrs. Quaternary International, 2018, 477, 117-137.	1.5	11

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37	Exceptionally well-preserved giant spermatozoa in male and female specimens of an ostracod Cypria ophtalmica (Crustacea: Ostracoda) from Late Glacial lacustrine sediments of Southern Carpathians, Romania. Die Naturwissenschaften, 2012, 99, 587-590.	1.6	10
38	The role of climate-fuel feedbacks on Holocene biomass burning in upper-montane Carpathian forests. Global and Planetary Change, 2020, 193, 103264.	3.5	10
39	Terrestrial and aquatic ecosystem responses to early Holocene rapid climate change (RCC) events in the South Carpathian Mountains, Romania. Quaternary International, 2018, 477, 79-93.	1.5	9
40	Climate and land-use as the main drivers of recent environmental change in a mid-altitude mountain lake, Romanian Carpathians. PLoS ONE, 2020, 15, e0239209.	2.5	9
41	Paleoclimate reconstruction and mire development in the Eastern Great Hungarian Plain for the last 20,000â€¯years. Review of Palaeobotany and Palynology, 2019, 271, 104112.	1.5	8
42	Late quaternary Nupela taxa of Retezat Mts (S. Carpathians), with description of Nupela pocsii sp. nov. (Bacillariophyceae). Polish Botanical Journal, 2013, 58, 427-436.	0.5	7
43	Exposure matters: Forest dynamics reveal an early Holocene conifer refugium on a north facing slope in Central Europe. Holocene, 2020, 30, 1833-1848.	1.7	7
44	Testing the potential of pollen assemblages to capture composition, diversity and ecological gradients of surrounding vegetation in two biogeographical regions of southeastern Europe. Vegetation History and Archaeobotany, 0, , 1.	2.1	6
45	Plant macrofossils from lake sediment as the material to assess ancient genetic diversity: Did deforestation influence Norway spruce (Picea abies) in the South Carpathians?. Quaternary International, 2018, 477, 106-116.	1.5	5
46	Effect of Temperature on the Size of Sedimentary Remains of Littoral Chydorids. Water (Switzerland), 2020, 12, 1309.	2.7	4
47	Lectotypification, emended description and distribution of Planothidium distinctum (Achnanthidiaceae, Bacillariophyceae). Phytotaxa, 2013, 117, 1.	0.3	3
48	The youngest volcanic eruptions in Eastâ€Central Europeâ€”new findings from the Ciomadul lava dome complex, East Carpathians, Romania. Geology Today, 2017, 33, 60-65.	0.9	3
49	Limnological changes and chironomid-inferred summer air temperature from the Late Pleniglacial to the Early Holocene in the East Carpathians. Quaternary Research, 2022, 105, 151-165.	1.7	3
50	New measures for quantifying directional changes in presence-absence community data. Ecological Indicators, 2022, 136, 108618.	6.3	3
51	Pleistocene and holocene palaeoenvironmental reconstruction of the carpathian basin based on multiproxy analysis of cervid teeth. Historical Biology, 0, , 1-19.	1.4	2