

Gabor Ujvari

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

1,936
citations

304743

22
h-index

254184

43
g-index

58
all docs

58
docs citations

58
times ranked

1645
citing authors

#	ARTICLE	IF	CITATIONS
1	Potential drivers of disparity in early Middle Pleistocene interglacial climate response over Eurasia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022, 585, 110719.	2.3	0
2	Pliocene - Early Pleistocene continental climate and vegetation in Europe based on stable isotope compositions of mammal tooth enamel. <i>Quaternary Science Reviews</i> , 2022, 288, 107572.	3.0	6
3	Greenland Ice Core Record of Last Glacial Dust Sources and Atmospheric Circulation. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	3.3	17
4	Simulated regional dust cycle in the Carpathian Basin and the Adriatic Sea region during the Last Glacial Maximum. <i>Quaternary International</i> , 2021, 581-582, 114-127.	1.5	17
5	Cultural evolution and environmental change in Central Europe between 40 and 15 ka. <i>Quaternary International</i> , 2021, 581-582, 225-240.	1.5	19
6	Magnetic susceptibility in the European Loess Belt: New and existing models of magnetic enhancement in loess. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 569, 110329.	2.3	11
7	Rapid decomposition of geological samples by ammonium bifluoride (NH ₄ HF ₂) for combined Hf- ¹⁷⁶ Y isotopes analyses. <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e9081.	1.5	7
8	Stadial-Interstadial Temperature and Aridity Variations in East Central Europe Preceding the Last Glacial Maximum. <i>Paleoceanography and Paleoclimatology</i> , 2021, 36, e2020PA004170.	2.9	5
9	Volcanism and paleoenvironment of the Pula maar complex: A Pliocene terrestrial fossil site in Central Europe (Hungary). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 537, 109398.	2.3	9
10	Magnetic fabric of loess and its significance in Pleistocene environment reconstructions. <i>Earth-Science Reviews</i> , 2020, 210, 103385.	9.1	12
11	Plio-Pleistocene Dust Traps on Paleokarst Surfaces: A Case Study From the Carpathian Basin. <i>Frontiers in Earth Science</i> , 2020, 8, .	1.8	3
12	Comparing the accuracy and precision of luminescence ages for partially-bleached sediments using single grains of K-feldspar and quartz. <i>Quaternary Geochronology</i> , 2019, 53, 101007.	1.4	21
13	On the reliability and comparability of laser diffraction grain size measurements of paleosols in loess records. <i>Sedimentary Geology</i> , 2019, 389, 42-53.	2.1	21
14	Clumped isotope paleotemperatures from MIS 5 soil carbonates in southern Hungary. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019, 518, 72-81.	2.3	14
15	Interpretation of sedimentary (sub)populations extracted from grain size distributions of Central European loess-paleosol series. <i>Quaternary International</i> , 2019, 502, 60-70.	1.5	44
16	Quartz OSL dating of late quaternary Chinese and Serbian loess: A cross Eurasian comparison of dust mass accumulation rates. <i>Quaternary International</i> , 2019, 502, 30-44.	1.5	44
17	Ice-volume-forced erosion of the Chinese Loess Plateau global Quaternary stratotype site. <i>Nature Communications</i> , 2018, 9, 983.	12.8	117
18	Granulometric characterization of paleosols in loess series by automated static image analysis. <i>Sedimentary Geology</i> , 2018, 370, 1-14.	2.1	26

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19	Loess correlations – Between myth and reality. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 509, 4-23.	2.3	31
20	Editorial: Aeolian deposition and Earth surface systems. <i>Quaternary International</i> , 2018, 469, 1-3.	1.5	3
21	Sm-Hf Isotopic Analysis of <10 mg Dust Samples: Implications for Ice Core Dust Source Fingerprinting. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 60-72.	2.5	8
22	A conceptual magnetic fabric development model for the Paks loess in Hungary. <i>Aeolian Research</i> , 2018, 30, 20-31.	2.7	17
23	Mars-Relevant Field Experiences in Morocco: The Importance of Spatial Scales and Subsurface Exploration. <i>Astrobiology</i> , 2018, 18, 1329-1350.	3.0	5
24	On the relationship between K concentration, grain size and dose in feldspar. <i>Radiation Measurements</i> , 2018, 120, 181-187.	1.4	15
25	Fluvial or aeolian grains? Separation of transport agents on Mars using earth analogue observations. <i>Planetary and Space Science</i> , 2018, 163, 56-76.	1.7	15
26	Coupled European and Greenland last glacial dust activity driven by North Atlantic climate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E10632-E10638.	7.1	77
27	Charcoal and mollusc shell 14 C-dating of the Dunaszekcs loess record, Hungary. <i>Quaternary Geochronology</i> , 2016, 35, 43-53.	1.4	25
28	Origin and weathering of landslide material in a loess area: a geochemical study of the Kulcs landslide, Hungary. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	7
29	Indicators and Methods to Understand Past Environments from ExoMars Rover Drills. <i>Origins of Life and Evolution of Biospheres</i> , 2016, 46, 435-454.	1.9	19
30	The physics of wind-blown loess: Implications for grain size proxy interpretations in Quaternary paleoclimate studies. <i>Earth-Science Reviews</i> , 2016, 154, 247-278.	9.1	170
31	Two possible source regions for central Greenland last glacial dust. <i>Geophysical Research Letters</i> , 2015, 42, 10,399.	4.0	39
32	Danube loess stratigraphy – Towards a pan-European loess stratigraphic model. <i>Earth-Science Reviews</i> , 2015, 148, 228-258.	9.1	241
33	U–Pb ages and Hf isotopic composition of zircons in Austrian last glacial loess: constraints on heavy mineral sources and sediment transport pathways. <i>International Journal of Earth Sciences</i> , 2015, 104, 1365-1385.	1.8	21
34	AMS 14C and OSL/IRSL dating of the Dunaszekcs loess sequence (Hungary): chronology for 20 to 150 ka and implications for establishing reliable age–depth models for the last 40 ka. <i>Quaternary Science Reviews</i> , 2014, 106, 140-154.	3.0	68
35	The Paks loess-paleosol sequence: A record of chemical weathering and provenance for the last 800ka in the mid-Carpathian Basin. <i>Quaternary International</i> , 2014, 319, 22-37.	1.5	92
36	Spatiotemporal patterns of Saharan dust outbreaks in the Mediterranean Basin. <i>Aeolian Research</i> , 2014, 15, 151-160.	2.7	69

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37	Recurrent landsliding of a high bank at DunaszekcsÅ, Hungary: Geodetic deformation monitoring and finite element modeling. <i>Geomorphology</i> , 2014, 210, 1-13.	2.6	19
38	Reconstructing the paleoenvironment of East Central Europe in the Late Pleistocene using the oxygen and carbon isotopic signal of tooth in large mammal remains: Reply to comments of RadvÅnszky and Varga. <i>Quaternary International</i> , 2013, 292, 219.	1.5	0
39	Analysis of Saharan dust intrusions into the Carpathian Basin (Central Europe) over the period of 1979â€“2011. <i>Global and Planetary Change</i> , 2013, 100, 333-342.	3.5	49
40	Towards identifying the origin of metamorphic components in Austrian loess: insights from detrital rutile chemistry, thermometry and Uâ€“Pb geochronology. <i>Quaternary Science Reviews</i> , 2013, 75, 132-142.	3.0	29
41	Late Pleistocene variations of the background aeolian dust concentration in the Carpathian Basin: an estimate using decomposition of grain-size distribution curves of loess deposits. <i>Geologie En Mijnbouw/Netherlands Journal of Geosciences</i> , 2013, 91, 159-171.	0.9	15
42	Recurring mass movements on the Danube's bank at DunaszekcsÅ (Hungary) observed by geodetic methods. <i>Journal of Applied Geodesy</i> , 2012, 6, .	1.1	5
43	Reconstructing the paleoenvironment of East Central Europe in the Late Pleistocene using the oxygen and carbon isotopic signal of tooth in large mammal remains. <i>Quaternary International</i> , 2012, 276-277, 145-154.	1.5	41
44	Evaluating the use of clay mineralogy, Srâ€“Nd isotopes and zircon Uâ€“Pb ages in tracking dust provenance: An example from loess of the Carpathian Basin. <i>Chemical Geology</i> , 2012, 304-305, 83-96.	3.3	78
45	Tectonic versus climatic control on the evolution of a loessâ€“paleosol sequence at Beremend, Hungary: an integrated approach based on paleoecological, clay mineralogical, and geochemical data. <i>Quaternary International</i> , 2011, 240, 71-86.	1.5	54
46	Plio-Pleistocene red clay deposits in the Pannonian basin: A review. <i>Quaternary International</i> , 2011, 240, 35-43.	1.5	35
47	Dust flux estimates for the Last Glacial Period in East Central Europe based on terrestrial records of loess deposits: a review. <i>Quaternary Science Reviews</i> , 2010, 29, 3157-3166.	3.0	88
48	Evolution of a bank failure along the River Danube at DunaszekcsÅ, Hungary. <i>Geomorphology</i> , 2009, 109, 197-209.	2.6	43
49	Investigation of the relationship between subsurface structures and mass movements of the high loess bank along the River Danube in Hungary. <i>Journal of Geodynamics</i> , 2009, 47, 130-141.	1.6	11
50	Origin, weathering, and geochemical composition of loess in southwestern Hungary. <i>Quaternary Research</i> , 2008, 69, 421-437.	1.7	143
51	Clay mineralogy of red clay deposits from the central Carpathian Basin (Hungary): implications for Plio-Pleistocene chemical weathering and palaeoclimate. <i>Turkish Journal of Earth Sciences</i> , 0, , .	1.0	9
52	ICDP workshop on scientific drilling of Nam Co on the Tibetan Plateau: 1 million years of paleoenvironmental history, geomicrobiology, tectonics and paleomagnetism derived from sediments of a high-altitude lake. <i>Scientific Drilling</i> , 0, 25, 63-70.	0.6	2