Gergely Jakab

List of Publications by Year in descending order

52 papers	586 citations	623734 14 h-index	752698 20 g-index
58 all docs	58 docs citations	58 times ranked	517 citing authors

#	Article	IF	Citations
1	Pharmaceuticals in water and sediment of small streams under the pressure of urbanization: Concentrations, interactions, and risks. Science of the Total Environment, 2022, 808, 152160.	8.0	22
2	Soil organic matter characterisation using alkali and water extraction, and its relation to soil properties. Geoderma Regional, 2022, 28, e00469.	2.1	5
3	Comparing Different Phosphorus Extraction Methods: Effects of Influencing Parameters. Sustainability, 2022, 14, 2158.	3.2	3
4	Chemical composition of labile carbon fractions in Hungarian forest soils: Insight into biogeochemical coupling between DOM and POM. Geoderma, 2022, 419, 115867.	5.1	15
5	Effects of pharmaceutically active compounds (PhACs) on fish body and scale shape in natural waters. PeerJ, 2021, 9, e10642.	2.0	8
6	GIS-Based Multi-Criteria and Multi-Objective Evaluation for Sustainable Land-Use Planning (Case Study:) Tj ETQq0 0 0 rgBT /Overlock 10 Environmental Research, 2021, 15, 457-474.	2.3	20
7	Long-term effects of conservation tillage on soil erosion in Central Europe: A random forest-based approach. Soil and Tillage Research, 2021, 209, 104959.	5.6	29
8	Evaluation of the effect of the intrinsic chemical properties of pharmaceutically active compounds (PhACs) on sorption behaviour in soils and goethite. Ecotoxicology and Environmental Safety, 2021, 215, 112120.	6.0	16
9	Occurrence and health risk assessment of pharmaceutically active compounds in riverbank filtrated drinking water. Journal of Water Process Engineering, 2021, 41, 102039.	5.6	22
10	Accelerated soil development due to seasonal water-saturation under hydric conditions. Geoderma, 2021, 401, 115328.	5.1	7
11	Comparison of the Applicability of Different Soil Erosion Models to Predict Soil Erodibility Factor and Event Soil Losses on Loess Slopes in Hungary. Water (Switzerland), 2021, 13, 3517.	2.7	8
12	Vertical differentiation of pedogenic iron forms â€“ a key of hydromorphic soil profile development. Hungarian Geographical Bulletin, 2021, 70, 369-380.	0.9	3
13	Investigation of the sorption of 17Î±-ethynylestradiol (EE2) on soils formed under aerobic and anaerobic conditions. Chemosphere, 2020, 240, 124817.	8.2	5
14	Thermal baths as sources of pharmaceutical and illicit drug contamination. Environmental Science and Pollution Research, 2020, 27, 399-410.	5.3	13
15	Dataset of pharmaceuticals in the Danube and related drinking water wells in the Budapest region. Data in Brief, 2020, 32, 106062.	1.0	3
16	Carbon Isotope Measurements to Determine the Turnover of Soil Organic Matter Fractions in a Temperate Forest Soil. Agronomy, 2020, 10, 1944.	3.0	5
17	The Use of Various Rainfall Simulators in the Determination of the Driving Forces of Changes in Sediment Concentration and Clay Enrichment. Water (Switzerland), 2020, 12, 2856.	2.7	7
18	Occurrence of pharmaceuticals in the Danube and drinking water wells: Efficiency of riverbank filtration. Environmental Pollution, 2020, 265, 114893.	7.5	46

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19	Comparison of magnesium determination methods on Hungarian soils. Soil and Water Research, 2020, 15, 173-180.	1.7	5
20	Rare earth oxide tracking coupled with 3D soil surface modelling: an opportunity to study small-scale soil redistribution. Journal of Soils and Sediments, 2020, 20, 2405-2417.	3.0	2
21	Comparison of Soil Bacterial Communities from Juvenile Maize Plants of a Long-Term Monoculture and a Natural Grassland. Agronomy, 2020, 10, 341.	3.0	6
22	Spatial and Temporal Changes in Infiltration and Aggregate Stability: A Case Study of a Subhumid Irrigated Cropland. Water (Switzerland), 2019, 11, 876.	2.7	7
23	Differences in Mineral Phase Associated Soil Organic Matter Composition due to Varying Tillage Intensity. Agronomy, 2019, 9, 700.	3.0	10
24	Granulometric properties of particles in Upper Miocene sandstones from thin sections, Szolnok Formation, Hungary. Hungarian Geographical Bulletin, 2019, 68, 341-353.	0.9	5
25	Different land-use intensities and their susceptibility to soil erosion. Agrokemia Es Talajtan, 2019, 68, 14-23.	0.2	2
26	Facing to real sustainabilityâ€"conservation agriculturalpractices around the world. Environmental Science and Pollution Research, 2018, 25, 975-976.	5.3	2
27	A 300-year record of sedimentation in a small tilled catena in Hungary based on Î´13C, Î´15N, and C/N distribution. Journal of Soils and Sediments, 2018, 18, 1767-1779.	3.0	4
28	Soil Organic Matter Alteration Velocity due to Land-Use Change: A Case Study under Conservation Agriculture. Sustainability, 2018, 10, 943.	3.2	9
29	Kinetic parameters of soil organic matter decomposition in soils under forest in Hungary. Geoderma Regional, 2018, 14, e00187.	2.1	18
30	Soil organic matter characterisation by photometric indices or photon correlation spectroscopy: are they comparable?. Hungarian Geographical Bulletin, 2018, 67, 109-120.	0.9	7
31	Infiltration and Soil Loss Changes during the Growing Season under Ploughing and Conservation Tillage. Sustainability, 2017, 9, 1726.	3.2	30
32	Redistribution of Soil Organic Carbon Triggered by Erosion at Field Scale Under Subhumid Climate, Hungary. Pedosphere, 2016, 26, 652-665.	4.0	19
33	Changes in organic carbon concentration and organic matter compound of erosion-delivered soil aggregates. Environmental Earth Sciences, 2016, 75, 1.	2.7	16
34	Conservation tillage vs. conventional tillage: long-term effects on yields in continental, sub-humid Central Europe, Hungary. International Journal of Agricultural Sustainability, 2016, 14, 408-427.	3.5	18
35	Soil erodibility calculations based on different particle size distribution measurements. Hungarian Geographical Bulletin, 2015, 64, 17-23.	0.9	16
36	Spatial and temporal heterogeneity of runoff and soil loss dynamics under simulated rainfall. Hungarian Geographical Bulletin, 2015, 64, 25-34.	0.9	11

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37	COMPARISON OF PARTICLE-SIZE ANALYZING LABORATORY METHODS. Environmental Engineering and Management Journal, 2015, 14, 1125-1135.	0.6	23
38	Characterization of Soil Organic Substances by UV-Vis Spectrophotometry in Some Soils of Hungary. , 2014, , 127-136.		1
39	Soil Organic Carbon Redistribution by Erosion on Arable Fields. , 2014, , 289-296.		2
40	The erubÃ¡z volcanic soil of Hungary: Mineralogy and classification. Catena, 2013, 107, 46-56.	5.0	6
41	The use of UVâ€VISâ€NIR reflectance spectroscopy to identify iron minerals. Astronomische Nachrichten, 2013, 334, 940-943.	1.2	26
42	Examination of sample preparation methods for the laser grain size analysis of soils with high organic matter content. Agrokemia Es Talajtan, 2012, 61, 381-398.	0.2	7
43	Gully erosion risk in Hungary. WIT Transactions on Information and Communication Technologies, 2012, , .	0.0	0
44	Effectiveness of biological geotextiles for soil and water conservation in different agroâ€environments. Land Degradation and Development, 2011, 22, 495-504.	3.9	22
45	Biological geotextiles as a tool for soil moisture conservation. Land Degradation and Development, 2011, 22, 472-479.	3.9	7
46	Utilising biological geotextiles: Introduction to the BORASSUS project and global perspectives. Land Degradation and Development, 2011, 22, 453-462.	3.9	13
47	Comparison of EUROSEM, WEPP, and MEDRUSH model calculations with measured runoff and soil-loss data from rainfall simulations in Hungary. Journal of Plant Nutrition and Soil Science, 2009, 172, 789-797.	1.9	13
48	Contributions of biogeotextiles to sustainable development and soil conservation in developing countries: the BORASSUS Project. WIT Transactions on Ecology and the Environment, 2007, , .	0.0	4
49	The BORASSUS Project: aims, objectives and preliminary insights into the environmental and socio-economic contribution of biogeotextiles to sustainable development and soil conservation. WIT Transactions on Ecology and the Environment, 2007, , .	0.0	3
50	Geotextile as a tool against soil erosion in vineyards and orchards. WIT Transactions on Ecology and the Environment, 2007, , .	0.0	5
51	Land Levelling. , 2006, , 643-658.		26
52	Spatial analysis of changes and anomalies of intense rainfalls in Hungary. Hungarian Geographical Bulletin, 0, , 241-253.	0.9	4