Andreas Klik

List of Publications by Year in descending order

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Version: 2024-02-01

37 papers	2,137 citations	361413 20 h-index	330143 37 g-index
47 all docs	47 docs citations	47 times ranked	2312 citing authors

#	Article	IF	Citations
1	Partitioning evapotranspiration using water stable isotopes and information from lysimeter experiments. Hydrological Sciences Journal, 2022, 67, 646-661.	2.6	13
2	Sediment yields variation and response to the controlling factors in the Wei River Basin, China. Catena, 2022, 213, 106181.	5.0	13
3	An update of the spatial and temporal variability of rainfall erosivity (R-factor) for the main agricultural production zones of Austria. Catena, 2022, 215, 106305.	5.0	16
4	Effects of tillage systems on soil water distribution, crop development, and evaporation and transpiration rates of soybean. Agricultural Water Management, 2022, 269, 107719.	5.6	10
5	Splash erosion affected by initial soil moisture and surface conditions under simulated rainfall. Catena, 2021, 196, 104827.	5.0	58
6	SfMâ€MVS Photogrammetry for Splash Erosion Monitoring under Natural Rainfall. Earth Surface Processes and Landforms, 2021, 46, 1067-1082.	2.5	11
7	Antecedent soil moisture and rain intensity control pathways and quality of organic carbon exports from arable land. Catena, 2021, 202, 105297.	5.0	22
8	Long-term data from field erosion plot studies in eastern Austria. Data in Brief, 2020, 31, 105810.	1.0	2
9	Long-term experience with conservation tillage practices in Austria: Impacts on soil erosion processes. Soil and Tillage Research, 2020, 203, 104669.	5.6	58
10	Rainfall Parameters Affecting Splash Erosion under Natural Conditions. Applied Sciences (Switzerland), 2020, 10, 4103.	2.5	17
11	Short-Term Effects of Fertilization on Dissolved Organic Matter in Soil Leachate. Water (Switzerland), 2020, 12, 1617.	2.7	15
12	Comparison of three types of laser optical disdrometers under natural rainfall conditions. Hydrological Sciences Journal, 2020, 65, 524-535.	2.6	38
13	Impact of Disdrometer Types on Rainfall Erosivity Estimation. Water (Switzerland), 2020, 12, 963.	2.7	13
14	Impact of stone bunds on temporal and spatial variability of soil physical properties: A field study from northern Ethiopia. Land Degradation and Development, 2018, 29, 585-595.	3.9	21
15	Prediction of soil and water conservation structure impacts on runoff and erosion processes using SWAT model in the northern Ethiopian highlands. Journal of Soils and Sediments, 2018, 18, 1743-1755.	3.0	48
16	Novel application of Compound Specific Stable Isotope (CSSI) techniques to investigate on-site sediment origins across arable fields. Geoderma, 2018, 316, 19-26.	5.1	45
17	Effect of nitrogen fertilizer rate and timing on sorghum productivity in Ethiopian highland Vertisols. Archives of Agronomy and Soil Science, 2018, 64, 480-491.	2.6	12
18	Integrated impact assessment of soil and water conservation structures on runoff and sediment yield through measurements and modeling in the Northern Ethiopian highlands. Catena, 2018, 169, 140-150.	5.0	37

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19	Do cover crops enhance soil greenhouse gas losses during high emission moments under temperate Central Europe conditions?. Bodenkultur, 2018, 68, 171-187.	0.2	6
20	Evidence and Causes of Spatiotemporal Changes in Runoff and Sediment Yield on the Chinese Loess Plateau. Land Degradation and Development, 2017, 28, 579-590.	3.9	76
21	Global rainfall erosivity assessment based on high-temporal resolution rainfall records. Scientific Reports, 2017, 7, 4175.	3.3	348
22	Mapping monthly rainfall erosivity in Europe. Science of the Total Environment, 2017, 579, 1298-1315.	8.0	142
23	Monthly Rainfall Erosivity: Conversion Factors for Different Time Resolutions and Regional Assessments. Water (Switzerland), 2016, 8, 119.	2.7	60
24	Magnitude and Occurrence Probability of Soil Loss: A Risk Analytical Approach for the Plot Scale For Two Sites in Lower Austria. Land Degradation and Development, 2016, 27, 43-51.	3.9	35
25	Spatial and temporal distribution of rainfall erosivity in New Zealand. Soil Research, 2015, 53, 815.	1.1	32
26	Sediment yield estimation in a small watershed on the northern Loess Plateau, China. Geomorphology, 2015, 241, 343-352.	2.6	77
27	Predicting the spatial distribution of soil erodibility factor using USLE nomograph in an agricultural watershed, Ethiopia. International Soil and Water Conservation Research, 2015, 3, 282-290.	6.5	57
28	Rainfall erosivity in Europe. Science of the Total Environment, 2015, 511, 801-814.	8.0	443
29	Assessment of rill erosion development during erosive storms at Angereb watershed, Lake Tana sub-basin in Ethiopia. Journal of Mountain Science, 2015, 12, 49-59.	2.0	14
30	Reply to the comment on â€œRainfall erosivity in Europeâ€•by Auerswald et al.. Science of the Total Environment, 2015, 532, 853-857.	8.0	19
31	Spatial Variability of Selected Soil Attributes under Agricultural Land Use System in a Mountainous Watershed, Ethiopia. International Journal of Geosciences, 2015, 06, 605-613.	0.6	10
32	Flume experimental evaluation of the effect of rill flow path tortuosity on rill roughness based on the Manningâ€“Strickler equation. Catena, 2014, 118, 226-233.	5.0	32
33	Rainfall Erosivity in Northeastern Austria. Transactions of the ASABE, 2013, 56, 719-725.	1.1	20
34	Assessment of Erosion, Deposition and Rill Development On Irregular Soil Surfaces Using Close Range Digital Photogrammetry. Photogrammetric Record, 2010, 25, 299-318.	0.4	66
35	Predicting daily streamflow in ungauged rural catchments: the case of Masinga catchment, Kenya. Hydrological Sciences Journal, 2007, 52, 292-304.	2.6	20
36	Sheet and Rill Erosion. , 2006, , 501-513.		37

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37	Soil surface roughness measurementâ€”methods, applicability, and surface representation. Catena, 2005, 64, 174-192.	5.0	189