

# 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	Rainfall erosivity in Europe. <i>Science of the Total Environment</i> , 2015, 511, 801-814.	8.0	443
2	Global rainfall erosivity assessment based on high-temporal resolution rainfall records. <i>Scientific Reports</i> , 2017, 7, 4175.	3.3	348
3	Soil surface roughness measurement methods, applicability, and surface representation. <i>Catena</i> , 2005, 64, 174-192.	5.0	189
4	Mapping monthly rainfall erosivity in Europe. <i>Science of the Total Environment</i> , 2017, 579, 1298-1315.	8.0	142
5	Sediment yield estimation in a small watershed on the northern Loess Plateau, China. <i>Geomorphology</i> , 2015, 241, 343-352.	2.6	77
6	Evidence and Causes of Spatiotemporal Changes in Runoff and Sediment Yield on the Chinese Loess Plateau. <i>Land Degradation and Development</i> , 2017, 28, 579-590.	3.9	76
7	Assessment of Erosion, Deposition and Rill Development On Irregular Soil Surfaces Using Close Range Digital Photogrammetry. <i>Photogrammetric Record</i> , 2010, 25, 299-318.	0.4	66
8	Monthly Rainfall Erosivity: Conversion Factors for Different Time Resolutions and Regional Assessments. <i>Water (Switzerland)</i> , 2016, 8, 119.	2.7	60
9	Long-term experience with conservation tillage practices in Austria: Impacts on soil erosion processes. <i>Soil and Tillage Research</i> , 2020, 203, 104669.	5.6	58
10	Splash erosion affected by initial soil moisture and surface conditions under simulated rainfall. <i>Catena</i> , 2021, 196, 104827.	5.0	58
11	Predicting the spatial distribution of soil erodibility factor using USLE nomograph in an agricultural watershed, Ethiopia. <i>International Soil and Water Conservation Research</i> , 2015, 3, 282-290.	6.5	57
12	Prediction of soil and water conservation structure impacts on runoff and erosion processes using SWAT model in the northern Ethiopian highlands. <i>Journal of Soils and Sediments</i> , 2018, 18, 1743-1755.	3.0	48
13	Novel application of Compound Specific Stable Isotope (CSSI) techniques to investigate on-site sediment origins across arable fields. <i>Geoderma</i> , 2018, 316, 19-26.	5.1	45
14	Comparison of three types of laser optical disdrometers under natural rainfall conditions. <i>Hydrological Sciences Journal</i> , 2020, 65, 524-535.	2.6	38
15	Sheet and Rill Erosion. , 2006, , 501-513.		37
16	Integrated impact assessment of soil and water conservation structures on runoff and sediment yield through measurements and modeling in the Northern Ethiopian highlands. <i>Catena</i> , 2018, 169, 140-150.	5.0	37
17	Magnitude and Occurrence Probability of Soil Loss: A Risk Analytical Approach for the Plot Scale For Two Sites in Lower Austria. <i>Land Degradation and Development</i> , 2016, 27, 43-51.	3.9	35
18	Flume experimental evaluation of the effect of rill flow path tortuosity on rill roughness based on the Manning-Strickler equation. <i>Catena</i> , 2014, 118, 226-233.	5.0	32

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19	Spatial and temporal distribution of rainfall erosivity in New Zealand. <i>Soil Research</i> , 2015, 53, 815.	1.1	32
20	Antecedent soil moisture and rain intensity control pathways and quality of organic carbon exports from arable land. <i>Catena</i> , 2021, 202, 105297.	5.0	22
21	Impact of stone bunds on temporal and spatial variability of soil physical properties: A field study from northern Ethiopia. <i>Land Degradation and Development</i> , 2018, 29, 585-595.	3.9	21
22	Predicting daily streamflow in ungauged rural catchments: the case of Masinga catchment, Kenya. <i>Hydrological Sciences Journal</i> , 2007, 52, 292-304.	2.6	20
23	Rainfall Erosivity in Northeastern Austria. <i>Transactions of the ASABE</i> , 2013, 56, 719-725.	1.1	20
24	Reply to the comment on "Rainfall erosivity in Europe" by Auerswald et al.. <i>Science of the Total Environment</i> , 2015, 532, 853-857.	8.0	19
25	Rainfall Parameters Affecting Splash Erosion under Natural Conditions. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4103.	2.5	17
26	An update of the spatial and temporal variability of rainfall erosivity (R-factor) for the main agricultural production zones of Austria. <i>Catena</i> , 2022, 215, 106305.	5.0	16
27	Short-Term Effects of Fertilization on Dissolved Organic Matter in Soil Leachate. <i>Water (Switzerland)</i> , 2020, 12, 1617.	2.7	15
28	Assessment of rill erosion development during erosive storms at Angereb watershed, Lake Tana sub-basin in Ethiopia. <i>Journal of Mountain Science</i> , 2015, 12, 49-59.	2.0	14
29	Impact of Disdrometer Types on Rainfall Erosivity Estimation. <i>Water (Switzerland)</i> , 2020, 12, 963.	2.7	13
30	Partitioning evapotranspiration using water stable isotopes and information from lysimeter experiments. <i>Hydrological Sciences Journal</i> , 2022, 67, 646-661.	2.6	13
31	Sediment yields variation and response to the controlling factors in the Wei River Basin, China. <i>Catena</i> , 2022, 213, 106181.	5.0	13
32	Effect of nitrogen fertilizer rate and timing on sorghum productivity in Ethiopian highland Vertisols. <i>Archives of Agronomy and Soil Science</i> , 2018, 64, 480-491.	2.6	12
33	SfM-MVS Photogrammetry for Splash Erosion Monitoring under Natural Rainfall. <i>Earth Surface Processes and Landforms</i> , 2021, 46, 1067-1082.	2.5	11
34	Spatial Variability of Selected Soil Attributes under Agricultural Land Use System in a Mountainous Watershed, Ethiopia. <i>International Journal of Geosciences</i> , 2015, 06, 605-613.	0.6	10
35	Effects of tillage systems on soil water distribution, crop development, and evaporation and transpiration rates of soybean. <i>Agricultural Water Management</i> , 2022, 269, 107719.	5.6	10
36	Do cover crops enhance soil greenhouse gas losses during high emission moments under temperate Central Europe conditions?. <i>Bodenkultur</i> , 2018, 68, 171-187.	0.2	6

#	ARTICLE	IF	CITATIONS
37	Long-term data from field erosion plot studies in eastern Austria. Data in Brief, 2020, 31, 105810.	1.0	2