

Michael Groll

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

21
papers

285
citations

8
h-index

16
g-index

21
ext. papers

379
ext. citations

2.8
avg, IF

4.14
L-index

#	Paper	IF	Citations
21	Spatial and temporal distribution of the dust deposition in Central Asia [Results from a long term monitoring program. <i>Aeolian Research</i> , 2013 , 9, 49-62	3.9	73
20	Aeolian dust deposition in the southern Aral Sea region (Uzbekistan): Ground-based monitoring results from the LUCA project. <i>Quaternary International</i> , 2017 , 429, 86-99	2	36
19	Land cover-adjusted index for the former Aral Sea using Landsat images. <i>E3S Web of Conferences</i> , 2021 , 227, 02005	0.5	28
18	Innovative Trend Analysis of Precipitation in the Lake Issyk-Kul Basin, Kyrgyzstan. <i>Atmosphere</i> , 2020 , 11, 332	2.7	26
17	Impacts of dam draining on the mobility of heavy metals and arsenic in water and basin bottom sediments of three studied dams in Germany. <i>Science of the Total Environment</i> , 2018 , 640-641, 1072-1081 ^{10.2}		24
16	System Dynamics Modeling of Water Level Variations of Lake Issyk-Kul, Kyrgyzstan. <i>Water (Switzerland)</i> , 2017 , 9, 989	3	21
15	Status quo and present challenges of the sustainable use and management of water and land resources in Central Asian irrigation zones - The example of the Navoi region (Uzbekistan). <i>Quaternary International</i> , 2018 , 464, 396-410	2	13
14	The passive river restoration approach as an efficient tool to improve the hydromorphological diversity of rivers [Case study from two river restoration projects in the German lower mountain range. <i>Geomorphology</i> , 2017 , 293, 69-83	4.3	9
13	Mapping of Major Land-Use Changes in the Kolleru Lake Freshwater Ecosystem by Using Landsat Satellite Images in Google Earth Engine. <i>Water (Switzerland)</i> , 2020 , 12, 2493	3	8
12	Evaluation of WRF-Chem Predictions for Dust Deposition in Southwestern Iran. <i>Atmosphere</i> , 2020 , 11, 757	2.7	8
11	Estimation of soil erosion and sediment yield concentration across the Kolleru Lake catchment using GIS. <i>Environmental Earth Sciences</i> , 2021 , 80, 1	2.9	8
10	Physical and Chemical Characterization of Dust Deposited in the Turan Lowland (Central Asia). <i>E3S Web of Conferences</i> , 2019 , 99, 03005	0.5	6
9	Chemical Characterization of Aeolian Dust Deposition in Southern and Western Iran. <i>Asian Journal of Geographical Research</i> , 1-22		6
8	Typology of Riverbed Structures and Habitats (TRiSHa) [A new method for a high resolution characterization of the spatial distribution and temporal dynamic of riverbed substrates and microhabitats. <i>Ecological Indicators</i> , 2016 , 61, 219-233	5.8	4
7	Spatial and temporal gradients in the rate of dust deposition and aerosol optical thickness in southwestern Iran. <i>Journal of Arid Land</i> , 2021 , 13, 1-22	2.2	4
6	Investigation of Aeolian Dust Deposition Rates in Different Climate Zones of Southwestern Iran. <i>Atmosphere</i> , 2021 , 12, 229	2.7	4
5	Lake-catchment interactions and their responses to hydrological extremes. <i>Quaternary International</i> , 2018 , 475, 1-3	2	4

4	Impact of the Aral Sea Syndrome - the Aralkum as a Man-Made Dust Source. <i>E3S Web of Conferences</i> , 2019 , 99, 03003	0.5	2
3	Causes and Effects of Sand and Dust Storms: What Has Past Research Taught Us? A Survey. <i>Journal of Risk and Financial Management</i> , 2021 , 14, 326	2.4	1
2	Wind regime and aeolian sand transport in Khuzestan Sand Sea. <i>Aeolian Research</i> , 2021 , 53, 100746	3.9	0
1	Ground-Based Dust Deposition Monitoring in the Aral Sea Basin. <i>Innovations in Landscape Research</i> , 2022 , 229-243	0.5	