Katerina Michaelides

List of Publications by Year
in descending order

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29	821	516681 16	526264 27
papers	citations	h-index	g-index

44	44	44	1194
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Climate services for the Greater Horn of Africa: interviews exploring practitioner perspectives from Kenya and beyond. Climate and Development, 2023, 15, 188-200.	3.9	3
2	Hourly potential evapotranspiration at 0.1Â° resolution for the global land surface from 1981-present. Scientific Data, 2021, 8, 224.	5.3	59
3	DRYP 1.0: a parsimonious hydrological model of DRYland Partitioning of the water balance. Geoscientific Model Development, 2021, 14, 6893-6917.	3.6	14
4	Aridity is expressed in river topography globally. Nature, 2019, 573, 573-577.	27.8	71
5	Soil nitrogen response to shrub encroachment in a degrading semi-arid grassland. Biogeosciences, 2019, 16, 369-381.	3.3	13
6	Spatial and temporal analysis of hillslopeâ€“channel coupling and implications for the longitudinal profile in a dryland basin. Earth Surface Processes and Landforms, 2018, 43, 1608-1621.	2.5	13
7	Analysis of design choices for a slope stability scenario in the humid tropics. Proceedings of the Institution of Civil Engineers: Engineering Sustainability, 2018, 171, 37-52.	0.7	10
8	Distribution of soil nitrogen and nitrogenase activity in the forefield of a High Arctic receding glacier. Annals of Glaciology, 2018, 59, 87-94.	1.4	5
9	Unifying Particleâ€Based and Continuum Models of Hillslope Evolution With a Probabilistic Scaling Technique. Journal of Geophysical Research F: Earth Surface, 2018, 123, 3124-3146.	2.8	0
10	STORM 1.0: a simple, flexible, and parsimonious stochastic rainfall generator for simulating climate and climate change. Geoscientific Model Development, 2018, 11, 3713-3726.	3.6	23
11	Deciphering the expression of climate change within the Lower Colorado River basin by stochastic simulation of convective rainfall. Environmental Research Letters, 2017, 12, 104011.	5.2	29
12	Geomorphology and Sediment Regimes of Intermittent Rivers and Ephemeral Streams. , 2017, , 21-49.		38
13	Runoff- and erosion-driven transport of cattle slurry: linkingÂmolecular tracers to hydrological processes. Biogeosciences, 2016, 13, 551-566.	3.3	4
14	Paleofluvial landscape inheritance for Jakobshavn IsbrÃ¦ catchment, Greenland. Geophysical Research Letters, 2016, 43, 6350-6357.	4.0	18
15	Impact of coarse sediment supply from hillslopes to the channel in runoff-dominated, dryland fluvial systems. Journal of Geophysical Research F: Earth Surface, 2014, 119, 1205-1221.	2.8	20
16	How is topographic simplicity maintained in ephemeral dryland channels?. Geology, 2014, 42, 1091-1094.	4.4	28
17	Surface water connectivity dynamics of a large scale extreme flood. Journal of Hydrology, 2013, 505, 138-149.	5.4	67
18	A method for the simultaneous extraction of seven pesticides from soil and sediment. Analytical Methods, 2013, 5, 2053.	2.7	8

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19	A new regional, mid-Holocene palaeoprecipitation signal of the Asian Summer Monsoon. Quaternary Science Reviews, 2013, 78, 65-76.	3.0	26
20	Tracing the flow-driven vertical transport of livestock-derived organic matter through soil using biomarkers. Organic Geochemistry, 2012, 43, 56-66.	1.8	30
21	Sediment transport by runoff on debrisâ€mantled dryland hillslopes. Journal of Geophysical Research, 2012, 117, .	3.3	20
22	Linking runoff and erosion dynamics to nutrient fluxes in a degrading dryland landscape. Journal of Geophysical Research, 2012, 117, .	3.3	18
23	Tracing sediment redistribution across a break in slope using rare earth elements. Earth Surface Processes and Landforms, 2010, 35, 575-587.	2.5	22
24	Connectivity as a concept for characterising hydrological behaviour. Hydrological Processes, 2009, 23, 517-522.	2.6	77
25	Vegetation controls on smallâ€scale runoff and erosion dynamics in a degrading dryland environment. Hydrological Processes, 2009, 23, 1617-1630.	2.6	75
26	Internal testing of a numerical model of hillslopeâ€“channel coupling using laboratory flume experiments. Hydrological Processes, 2008, 22, 2274-2291.	2.6	11
27	Uncertainty in predicted runoff due to patterns of spatially variable infiltration. Water Resources Research, 2007, 43, .	4.2	16
28	Linking Short- and Long-Term Soilâ€”Erosion Modelling. , 2003, , 37-51.		7
29	Modelling the effects of hillslope-channel coupling on catchment hydrological response. Earth Surface Processes and Landforms, 2002, 27, 1441-1457.	2.5	75