## Caterina Samela

List of Publications by Year in descending order

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CATEDINA SAMELA

#	Article	IF	CITATIONS
1	Multi-Decadal Assessment of Soil Loss in a Mediterranean Region Characterized by Contrasting Local Climates. Land, 2022, 11, 1010.	2.9	11
2	Large Scale Flood Risk Mapping in Data Scarce Environments: An Application for Romania. Water (Switzerland), 2020, 12, 1834.	2.7	18
3	Predictive Modeling of Envelope Flood Extents Using Geomorphic and Climaticâ€Hydrologic Catchment Characteristics. Water Resources Research, 2020, 56, e2019WR026453.	4.2	16
4	Safer_RAIN: A DEM-Based Hierarchical Filling-&-Spilling Algorithm for Pluvial Flood Hazard Assessment and Mapping across Large Urban Areas. Water (Switzerland), 2020, 12, 1514.	2.7	22
5	A web application for hydrogeomorphic flood hazard mapping. Environmental Modelling and Software, 2019, 118, 172-186.	4.5	29
6	A digital elevation model based method for a rapid estimation of flood inundation depth. Journal of Flood Risk Management, 2019, 12, .	3.3	51
7	Exploiting the use of physical information for the calibration of a lumped hydrological model. Hydrological Processes, 2018, 32, 1420-1433.	2.6	16
8	A GIS tool for cost-effective delineation of flood-prone areas. Computers, Environment and Urban Systems, 2018, 70, 43-52.	7.1	70
9	The Use of DEM-Based Approaches to Derive a Priori Information on Flood-Prone Areas. Springer Remote Sensing/photogrammetry, 2018, , 61-79.	0.4	0
10	Advances in Large-Scale Flood Monitoring and Detection. Hydrology, 2018, 5, 49.	3.0	2
11	Exploring the optimal experimental setup for surface flow velocity measurements using PTV. Environmental Monitoring and Assessment, 2018, 190, 460.	2.7	36
12	Geomorphic classifiers for flood-prone areas delineation for data-scarce environments. Advances in Water Resources, 2017, 102, 13-28.	3.8	98
13	Dataset of 100-year flood susceptibility maps for the continental U.S. derived with a geomorphic method. Data in Brief, 2017, 12, 203-207.	1.0	11
14	BRISENT: An Entropy-Based Model for Bridge-Pier Scour Estimation under Complex Hydraulic Scenarios. Water (Switzerland), 2017, 9, 889.	2.7	21
15	DEM-Based Approaches for the Delineation of Flood-Prone Areas in an Ungauged Basin in Africa. Journal of Hydrologic Engineering - ASCE, 2016, 21, .	1.9	53
16	Flood-prone areas assessment using linear binary classifiers based on flood maps obtained from 1D and 2D hydraulic models. Natural Hazards, 2015, 79, 735-754.	3.4	116
17	Investigation on the use of geomorphic approaches for the delineation of flood prone areas. Journal of Hydrology, 2014, 517, 863-876.	5.4	110
18	Flood-Prone Areas Assessment Using Linear Binary Classifiers based on Morphological Indices. , 2014, ,		10