

Siddharth Saksena

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.

11
papers

175
citations

5
h-index

13
g-index

17
ext. papers

243
ext. citations

4
avg, IF

3.68
L-index

#	Paper	IF	Citations
11	Incorporating the effect of DEM resolution and accuracy for improved flood inundation mapping. <i>Journal of Hydrology</i> , 2015 , 530, 180-194	6	99
10	Assessing the effect of different bathymetric models on hydraulic simulation of rivers in data sparse regions. <i>Journal of Hydrology</i> , 2019 , 575, 838-851	6	23
9	Flood inundation modeling and mapping by integrating surface and subsurface hydrology with river hydrodynamics. <i>Journal of Hydrology</i> , 2019 , 575, 1155-1177	6	16
8	A Computationally Efficient and Physically Based Approach for Urban Flood Modeling Using a Flexible Spatiotemporal Structure. <i>Water Resources Research</i> , 2020 , 56, e2019WR025769	5.4	14
7	A geomorphic approach to 100-year floodplain mapping for the Conterminous United States. <i>Journal of Hydrology</i> , 2018 , 561, 43-58	6	12
6	Deterministic Approach to Identify Ordinary High Water Marks Using Hydrologic and Hydraulic Attributes. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2017 , 143, 04016084	1.1	2
5	Integrated Modeling of Surface-Subsurface Processes to Understand River-Floodplain Hydrodynamics in the Upper Wabash River Basin 2017 ,		2
4	Processes leading to the re-activation of a sinkhole in buried karst and the subsequent drying of waterfalls in a small catchment located in northern Indiana, USA. <i>Journal of Cave and Karst Studies</i> , 2019 , 81, 69-83	1.6	2
3	Assessing the Impact of Land Cover, Soil, and Climate on the Storage Potential of Dryland Sand Dams. <i>Frontiers in Water</i> , 2021 , 3,	2.6	2
2	Investigating the Role of DEM Resolution and Accuracy on Flood Inundation Mapping 2015 ,		1
1	An Alternative Approach for Improving Prediction of Integrated Hydrologic-Hydraulic Models by Assessing the Impact of Intrinsic Spatial Scales. <i>Water Resources Research</i> , 2021 , 57, e2020WR027702	5.4	1