

# Siddharth Saksena

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8974750/publications.pdf>

Version: 2024-02-01

12  
papers

328  
citations

1684129

5  
h-index

1372553

10  
g-index

17  
all docs

17  
docs citations

17  
times ranked

392  
citing authors

#	ARTICLE	IF	CITATIONS
1	Incorporating the effect of DEM resolution and accuracy for improved flood inundation mapping. Journal of Hydrology, 2015, 530, 180-194.	5.4	163
2	Assessing the effect of different bathymetric models on hydraulic simulation of rivers in data sparse regions. Journal of Hydrology, 2019, 575, 838-851.	5.4	43
3	Flood inundation modeling and mapping by integrating surface and subsurface hydrology with river hydrodynamics. Journal of Hydrology, 2019, 575, 1155-1177.	5.4	32
4	A Computationally Efficient and Physically Based Approach for Urban Flood Modeling Using a Flexible Spatiotemporal Structure. Water Resources Research, 2020, 56, e2019WR025769.	4.2	30
5	A geomorphic approach to 100-year floodplain mapping for the Conterminous United States. Journal of Hydrology, 2018, 561, 43-58.	5.4	24
6	Integrated Modeling of Surface-Subsurface Processes to Understand River-Floodplain Hydrodynamics in the Upper Wabash River Basin. , 2017, , .		6
7	An Alternative Approach for Improving Prediction of Integrated Hydrologicâ€Hydraulic Models by Assessing the Impact of Intrinsic Spatial Scales. Water Resources Research, 2021, 57, e2020WR027702.	4.2	6
8	Investigating the Role of DEM Resolution and Accuracy on Flood Inundation Mapping. , 2015, , .		5
9	Assessing the Impact of Land Cover, Soil, and Climate on the Storage Potential of Dryland Sand Dams. Frontiers in Water, 2021, 3, .	2.3	5
10	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. Journal of Cave and Karst Studies, 2019, 81, 69-83.	0.6	5
11	Deterministic Approach to Identify Ordinary High Water Marks Using Hydrologic and Hydraulic Attributes. Journal of Irrigation and Drainage Engineering - ASCE, 2017, 143, .	1.0	4
12	Transpulmonary ultrasound dilution is an acceptable technique for cardiac output measurement in anesthetized pigs. American Journal of Veterinary Research, 2022, 83, .	0.6	4