

# Giovanni Moretti

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2883802/publications.pdf>

Version: 2024-02-01

12  
papers

500  
citations

933447

10  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

612  
citing authors

#	ARTICLE	IF	CITATIONS
1	Path-based methods for the determination of nondispersive drainage directions in grid-based digital elevation models. <i>Water Resources Research</i> , 2003, 39, .	4.2	128
2	Determination of surface flow paths from gridded elevation data. <i>Water Resources Research</i> , 2009, 45, .	4.2	82
3	On the prediction of channel heads in a complex alpine terrain using gridded elevation data. <i>Water Resources Research</i> , 2011, 47, .	4.2	78
4	Evidence of an emerging levee failure mechanism causing disastrous floods in Italy. <i>Water Resources Research</i> , 2015, 51, 7995-8011.	4.2	72
5	Evaluation of flow direction methods against field observations of overland flow dispersion. <i>Water Resources Research</i> , 2012, 48, .	4.2	37
6	Analytical basis for determining slope lines in grid digital elevation models. <i>Water Resources Research</i> , 2014, 50, 526-539.	4.2	30
7	Automatic delineation of drainage basins from contour elevation data using skeleton construction techniques. <i>Water Resources Research</i> , 2008, 44, .	4.2	25
8	Hydrography-Driven Coarsening of Grid Digital Elevation Models. <i>Water Resources Research</i> , 2018, 54, 3654-3672.	4.2	13
9	Copula-based modeling of earthen levee breach due to overtopping. <i>Advances in Water Resources</i> , 2019, 134, 103433.	3.8	12
10	Relation between grid, channel, and Peano networks in high-resolution digital elevation models. <i>Water Resources Research</i> , 2016, 52, 3527-3546.	4.2	11
11	Comment on "Global search algorithm for nondispersive flow path extraction" by Kyungrock Paik. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	8
12	Failure Probability Analysis of Levees Affected by Mammal Bioerosion. <i>Water Resources Research</i> , 2021, 57, e2021WR030559.	4.2	4