

# Massimo Tomirotti

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/514837/publications.pdf>

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16  
papers

317  
citations

1040056

9  
h-index

1058476

14  
g-index

16  
all docs

16  
docs citations

16  
times ranked

307  
citing authors

#	ARTICLE	IF	CITATIONS
1	1923 Gleno Dam Break: Case Study and Numerical Modeling. Journal of Hydraulic Engineering, 2011, 137, 480-492.	1.5	71
2	Regional estimation of synthetic design hydrographs. International Journal of River Basin Management, 2003, 1, 151-163.	2.7	41
3	Dam-Break Wave Propagation in Alpine Valley with HEC-RAS 2D: Experimental Cancano Test Case. Journal of Hydraulic Engineering, 2020, 146, .	1.5	37
4	Experimental and Numerical Analysis of Side Weir Flows in a Converging Channel. Journal of Hydraulic Engineering, 2017, 143, .	1.5	29
5	Simplified Method for the Characterization of the Hydrograph following a Sudden Partial Dam Break. Journal of Hydraulic Engineering, 2010, 136, 693-704.	1.5	26
6	Study of the snow melt–freeze cycle using multi-sensor data and snow modeling. Journal of Glaciology, 2004, 50, 419-426.	2.2	25
7	Dam-break modeling in alpine valleys. Journal of Mountain Science, 2014, 11, 1429-1441.	2.0	20
8	A multi-century meteorological hydrological analysis for the Adda river basin (Central Alps). Part I: Gridded monthly precipitation (1800–2016) records. International Journal of Climatology, 2021, 41, 162-180.	3.5	17
9	A methodology to derive Synthetic Design Hydrographs for river flood management. Journal of Hydrology, 2017, 555, 736-743.	5.4	13
10	A multi-century meteorological hydrological analysis for the Adda river basin (Central Alps). Part II : Daily runoff (1845–2016) at different scales. International Journal of Climatology, 2021, 41, 181-199.	3.5	9
11	New formulation of the two-dimensional steep-slope shallow water equations. Part I: Theory and analysis. Advances in Water Resources, 2022, 166, 104255.	3.8	8
12	Impact of Climatic and Land Use Changes on River Flows in the Southern Alps. , 2017, , 61-83.		5
13	3D CFD analysis of the performance of oblique and composite side weirs in converging channels. Journal of Hydraulic Research/De Recherches Hydrauliques, 2021, 59, 586-604.	1.7	5
14	Experimental investigation of reservoir geometry effect on dam-break flow by A. FEIZI KHANKANDI, A. TAHERSHAMSI and S. SOARES-FRAZÃO, J. Hydraulic Res. 50(4), 2012, 376–387.. Journal of Hydraulic Research/De Recherches Hydrauliques, 2013, 51, 220-222.	1.7	4
15	Hydroclimatic Variability and Land Cover Transformations in the Central Italian Alps. Water (Switzerland), 2021, 13, 963.	2.7	4
16	1845–2016 gridded dataset of monthly precipitation over the upper Adda river basin: a comparison with runoff series. Advances in Science and Research, 0, 15, 173-181.	1.0	3