

# Antonio Annis

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/556381/publications.pdf>

Version: 2024-02-01

19  
papers

563  
citations

687363

13  
h-index

794594

19  
g-index

28  
all docs

28  
docs citations

28  
times ranked

726  
citing authors

#	ARTICLE	IF	CITATIONS
1	GFPLAIN250m, a global high-resolution dataset of Earth's floodplains. <i>Scientific Data</i> , 2019, 6, 180309.	5.3	92
2	UAV-DEMs for Small-Scale Flood Hazard Mapping. <i>Water (Switzerland)</i> , 2020, 12, 1717.	2.7	73
3	Integrating VGI and 2D hydraulic models into a data assimilation framework for real time flood forecasting and mapping. <i>Geo-Spatial Information Science</i> , 2019, 22, 223-236.	5.3	47
4	GEV Parameter Estimation and Stationary vs. Non-Stationary Analysis of Extreme Rainfall in African Test Cities. <i>Hydrology</i> , 2018, 5, 28.	3.0	43
5	Information-theoretic portfolio decision model for optimal flood management. <i>Environmental Modelling and Software</i> , 2019, 119, 258-274.	4.5	38
6	Investigating hydrogeomorphic floodplain mapping performance with varying DTM resolution and stream order. <i>Hydrological Sciences Journal</i> , 2019, 64, 525-538.	2.6	37
7	On the impact of urbanization on flood hydrology of small ungauged basins: the case study of the Tiber river tributary network within the city of Rome. <i>Journal of Flood Risk Management</i> , 2018, 11, .	3.3	33
8	Citizens AND Hydrology (CANDHY): conceptualizing a transdisciplinary framework for citizen science addressing hydrological challenges. <i>Hydrological Sciences Journal</i> , 2022, 67, 2534-2551.	2.6	33
9	Quantifying the relative impact of hydrological and hydraulic modelling parameterizations on uncertainty of inundation maps. <i>Hydrological Sciences Journal</i> , 2020, 65, 507-523.	2.6	29
10	Hydrologic scaling for hydrogeomorphic floodplain mapping: Insights into human-induced floodplain disconnectivity. <i>River Research and Applications</i> , 2018, 34, 675-685.	1.7	28
11	Brief communication: Comparing hydrological and hydrogeomorphic paradigms for global flood hazard mapping. <i>Natural Hazards and Earth System Sciences</i> , 2020, 20, 1415-1419.	3.6	24
12	Understanding the Large-Scale Influence of Levees on Floodplain Connectivity Using a Hydrogeomorphic Approach. <i>Journal of the American Water Resources Association</i> , 2019, 55, 413-429.	2.4	18
13	The changing face of floodplains in the Mississippi River Basin detected by a 60-year land use change dataset. <i>Scientific Data</i> , 2021, 8, 271.	5.3	18
14	Extreme wave analysis methods in the gulf of Cagliari (South Sardinia, Italy). <i>Ocean and Coastal Management</i> , 2017, 140, 79-87.	4.4	12
15	Spatial Relationships of Levees and Wetland Systems within Floodplains of the Wabash Basin, USA. <i>Journal of the American Water Resources Association</i> , 2018, 54, 934-948.	2.4	11
16	Simultaneous assimilation of water levels from river gauges and satellite flood maps for near-real-time flood mapping. <i>Hydrology and Earth System Sciences</i> , 2022, 26, 1019-1041.	4.9	9
17	Morphological response of a sandy shoreline to a natural obstacle at Sa Mesa Longa Beach, Italy. <i>Coastal Engineering</i> , 2014, 84, 10-22.	4.0	7
18	On the influence of river Basin morphology and climate on hydrogeomorphic floodplain delineations. <i>Advances in Water Resources</i> , 2022, 159, 104078.	3.8	7

#	ARTICLE	IF	CITATIONS
19	GFPLAIN and Multi-Source Data Assimilation Modeling: Conceptualization of a Flood Forecasting Framework Supported by Hydrogeomorphic Floodplain Rapid Mapping. <i>Hydrology</i> , 2021, 8, 143.	3.0	3