

George Tsakiris

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.

36

papers

1,062

citations

21

h-index

32

g-index

38

ext. papers

1,263

ext. citations

3.4

avg, IF

5.23

L-index

#	Paper	IF	Citations
36	DrinC: a software for drought analysis based on drought indices. <i>Earth Science Informatics</i> , 2015 , 8, 697-709		145
35	Drought and climatic change impact on streamflow in small watersheds. <i>Science of the Total Environment</i> , 2012 , 440, 33-41	10.2	86
34	Flood Depth-Damage Functions for Built Environment. <i>Environmental Processes</i> , 2014 , 1, 553-572	2.8	54
33	Drought Severity Assessment Based on Bivariate Probability Analysis. <i>Water Resources Management</i> , 2011 , 25, 357-371	3.7	53
32	A hybrid method for flood simulation in small catchments combining hydrodynamic and hydrological techniques. <i>Journal of Hydrology</i> , 2016 , 540, 331-339	6	51
31	Drought characterisation based on an agriculture-oriented standardised precipitation index. <i>Theoretical and Applied Climatology</i> , 2019 , 135, 1435-1447	3	51
30	Comparing Various Methods of Building Representation for 2D Flood Modelling In Built-Up Areas. <i>Water Resources Management</i> , 2015 , 29, 379-397	3.7	48
29	The Status of the European Waters in 2015: a Review. <i>Environmental Processes</i> , 2015 , 2, 543-557	2.8	43
28	Suitability of Water Quality Indices for Application in Lakes in the Mediterranean. <i>Water Resources Management</i> , 2016 , 30, 1621-1633	3.7	42
27	Planning Against Long Term Water Scarcity: A Fuzzy Multicriteria Approach. <i>Water Resources Management</i> , 2011 , 25, 1103-1129	3.7	40
26	Early Estimation of Drought Impacts on Rainfed Wheat Yield in Mediterranean Climate. <i>Environmental Processes</i> , 2015 , 2, 97-114	2.8	38
25	Regionalization of low flows based on Canonical Correlation Analysis. <i>Advances in Water Resources</i> , 2011 , 34, 865-872	4.7	38
24	Drought Risk Assessment and Management. <i>Water Resources Management</i> , 2017 , 31, 3083-3095	3.7	36
23	A Numerical Model for Two-Dimensional Flood Routing in Complex Terrains. <i>Water Resources Management</i> , 2014 , 28, 1277-1291	3.7	36
22	Water Quality Modelling for Rivers and Streams. <i>Water Science and Technology Library</i> , 2013 ,	0.3	33
21	An Enhanced Effective Reconnaissance Drought Index for the Characterisation of Agricultural Drought. <i>Environmental Processes</i> , 2017 , 4, 137-148	2.8	30
20	Friction Modeling of Flood Flow Simulations. <i>Journal of Hydraulic Engineering</i> , 2018 , 144, 04018073	1.8	30

19	Reconstruction of a flash flood event using a 2D hydrodynamic model under spatial and temporal variability of storm. <i>Natural Hazards</i> , 2020 , 101, 711-726	3	27
18	Analysing Drought Severity and Areal Extent by 2D Archimedean Copulas. <i>Water Resources Management</i> , 2016 , 30, 5723-5735	3.7	27
17	Assessing the water potential of karstic saline springs by applying a fuzzy approach: The case of Almyros (Heraklion, Crete). <i>Desalination</i> , 2009 , 237, 54-64	10.3	24
16	Implementing Crop Evapotranspiration in RDI for Farm-Level Drought Evaluation and Adaptation under Climate Change Conditions. <i>Water Resources Management</i> , 2020 , 34, 4329-4343	3.7	21
15	Dam- Breach Hydrograph Modelling: An Innovative Semi- Analytical Approach. <i>Water Resources Management</i> , 2013 , 27, 1751-1762	3.7	21
14	Introducing a Modified Reconnaissance Drought Index (RDle) Incorporating Effective Precipitation. <i>Procedia Engineering</i> , 2016 , 162, 332-339		20
13	Comparative Study of Evolutionary Algorithms for the Automatic Calibration of the Medbasin-D Conceptual Hydrological Model. <i>Environmental Processes</i> , 2016 , 3, 629-644	2.8	18
12	Uncertainty in the analysis of urban water supply and distribution systems. <i>Journal of Hydroinformatics</i> , 2017 , 19, 823-837	2.6	15
11	Evaluation of Measures for Combating Water Shortage Based on Beneficial and Constraining Criteria. <i>Water Resources Management</i> , 2015 , 29, 505-520	3.7	12
10	Propagating Dam Breach Parametric Uncertainty in a River Reach Using the HEC-RAS Software. <i>Hydrology</i> , 2020 , 7, 72	2.8	7
9	Embankment dam break: Uncertainty of outflow based on fuzzy representation of breach formation parameters. <i>Journal of Intelligent and Fuzzy Systems</i> , 2014 , 27, 2365-2378	1.6	6
8	Facets of Modern Water Resources Management: Prolegomena. <i>Water Resources Management</i> , 2017 , 31, 2899-2904	3.7	3
7	Proactive Planning Against Droughts. <i>Procedia Engineering</i> , 2016 , 162, 15-24		3
6	Uncertainty in the Analysis of Water Conveyance Systems. <i>Procedia Engineering</i> , 2016 , 162, 340-348		2
5	Incorporating aSPI and eRDI in Drought Indices Calculator (DrinC) Software for Agricultural Drought Characterisation and Monitoring. <i>Hydrology</i> , 2022 , 9, 100	2.8	1
4	Acknowledgement of Reviewers 2019. <i>Water Resources Management</i> , 2020 , 34, 1281-1287	3.7	
3	Optimisation Models. <i>Water Science and Technology Library</i> , 2013 , 213-221	0.3	
2	Final Thoughts and Future Trends. <i>Water Science and Technology Library</i> , 2013 , 265-272	0.3	

- 1 Erratum for Friction Modeling of Flood Flow Simulations by Vasilis Bellos, Ioannis Nalbantis, and George Tsakiris. *Journal of Hydraulic Engineering*, **2020**, 146, 08220005

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