George Tsakiris

List of Publications by Year
in descending order

34 papers	1,492 citations	279487 23 h-index	395343 33 g-index
38 all docs	38 docs citations	38 times ranked	1512 citing authors

#	Article	IF	Citations
1	DrinC: a software for drought analysis based on drought indices. Earth Science Informatics, 2015, 8, 697-709.	1.6	207
2	Drought and climatic change impact on streamflow in small watersheds. Science of the Total Environment, 2012, 440, 33-41.	3.9	109
3	Flood Depth-Damage Functions for Built Environment. Environmental Processes, 2014, 1, 553-572.	1.7	97
4	Drought characterisation based on an agriculture-oriented standardised precipitation index. Theoretical and Applied Climatology, 2019, 135, 1435-1447.	1.3	90
5	A hybrid method for flood simulation in small catchments combining hydrodynamic and hydrological techniques. Journal of Hydrology, 2016, 540, 331-339.	2.3	69
6	Comparing Various Methods of Building Representation for 2D Flood Modelling In Built-Up Areas. Water Resources Management, 2015, 29, 379-397.	1.9	64
7	Suitability of Water Quality Indices for Application in Lakes in the Mediterranean. Water Resources Management, 2016, 30, 1621-1633.	1.9	61
8	Drought Severity Assessment Based on Bivariate Probability Analysis. Water Resources Management, 2011, 25, 357-371.	1.9	56
9	The Status of the European Waters in 2015: a Review. Environmental Processes, 2015, 2, 543-557.	1.7	52
10	Drought Risk Assessment and Management. Water Resources Management, 2017, 31, 3083-3095.	1.9	50
11	Early Estimation of Drought Impacts on Rainfed Wheat Yield in Mediterranean Climate. Environmental Processes, 2015, 2, 97-114.	1.7	49
12	Water Quality Modelling for Rivers and Streams. Water Science and Technology Library, 2013, , .	0.2	48
13	Reconstruction of a flash flood event using a 2D hydrodynamic model under spatial and temporal variability of storm. Natural Hazards, 2020, 101, 711-726.	1.6	48
14	Regionalization of low flows based on Canonical Correlation Analysis. Advances in Water Resources, 2011, 34, 865-872.	1.7	47
15	A Numerical Model for Two-Dimensional Flood Routing in Complex Terrains. Water Resources Management, 2014, 28, 1277-1291.	1.9	47
16	Friction Modeling of Flood Flow Simulations. Journal of Hydraulic Engineering, 2018, 144, .	0.7	46
17	Planning Against Long Term Water Scarcity: A Fuzzy Multicriteria Approach. Water Resources Management, 2011, 25, 1103-1129.	1.9	43
18	An Enhanced Effective Reconnaissance Drought Index for the Characterisation of Agricultural Drought. Environmental Processes, 2017, 4, 137-148.	1.7	43

#	ARTICLE	IF	CITATIONS
19	Implementing Crop Evapotranspiration in RDI for Farm-Level Drought Evaluation and Adaptation under Climate Change Conditions. Water Resources Management, 2020, 34, 4329-4343.	1.9	41
20	Analysing Drought Severity and Areal Extent by 2D Archimedean Copulas. Water Resources Management, 2016, 30, 5723-5735.	1.9	40
21	Introducing a Modified Reconnaissance Drought Index (RDIe) Incorporating Effective Precipitation. Procedia Engineering, 2016, 162, 332-339.	1.2	35
22	Assessing the water potential of karstic saline springs by applying a fuzzy approach: The case of Almyros (Heraklion, Crete). Desalination, 2009, 237, 54-64.	4.0	28
23	Dam- Breach Hydrograph Modelling: An Innovative Semi- Analytical Approach. Water Resources Management, 2013, 27, 1751-1762.	1.9	25
24	Comparative Study of Evolutionary Algorithms for the Automatic Calibration of the Medbasin-D Conceptual Hydrological Model. Environmental Processes, 2016, 3, 629-644.	1.7	21
25	Uncertainty in the analysis of urban water supply and distribution systems. Journal of Hydroinformatics, 2017, 19, 823-837.	1.1	18
26	Propagating Dam Breach Parametric Uncertainty in a River Reach Using the HEC-RAS Software. Hydrology, 2020, 7, 72.	1.3	17
27	Ì•valuation of Measures for Combating Water Shortage Based on Beneficial and Constraining Criteria. Water Resources Management, 2015, 29, 505-520.	1.9	13
28	Incorporating aSPI and eRDI in Drought Indices Calculator (DrinC) Software for Agricultural Drought Characterisation and Monitoring. Hydrology, 2022, 9, 100.	1.3	11
29	Embankment dam break: Uncertainty of outflow based on fuzzy representation of breach formation parameters. Journal of Intelligent and Fuzzy Systems, 2014, 27, 2365-2378.	0.8	6
30	Proactive Planning Against Droughts. Procedia Engineering, 2016, 162, 15-24.	1.2	4
31	Uncertainty in the Analysis of Water Conveyance Systems. Procedia Engineering, 2016, 162, 340-348.	1.2	3
32	Facets of Modern Water Resources Management: Prolegomena. Water Resources Management, 2017, 31, 2899-2904.	1.9	3
33	Final Thoughts and Future Trends. Water Science and Technology Library, 2013, , 265-272.	0.2	0
34	Acknowledgement of Reviewers 2019. Water Resources Management, 2020, 34, 1281-1287.	1.9	0