

Maria Manuela Portela

List of Publications by Year in descending order

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64
papers

1,222
citations

516215

16
h-index

395343

33
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67
all docs

67
docs citations

67
times ranked

1616
citing authors

#	ARTICLE	IF	CITATIONS
1	Do cyprinid fish use lateral flow refuges during hydropeaking?. <i>River Research and Applications</i> , 2023, 39, 554-560.	0.7	5
2	Grid-Point Rainfall Trends, Teleconnection Patterns, and Regionalised Droughts in Portugal (1919–2019). <i>Water (Switzerland)</i> , 2022, 14, 1863.	1.2	3
3	Rainfall trends over a North Atlantic small island in the period 1937/1938–2016/2017 and an early climate teleconnection. <i>Theoretical and Applied Climatology</i> , 2021, 144, 469-491.	1.3	4
4	Regionalización de sequías a partir del SPI en la Demarcación Hidrográfica del Segura y Mancomunidad de los Canales del Taibilla (sureste de España). <i>Boletín De La Asociación De Geógrafos Españoles</i> , 2021, , .	0.2	1
5	Bivariate Modelling of a Teleconnection Index and Extreme Rainfall in a Small North Atlantic Island. <i>Climate</i> , 2021, 9, 86.	1.2	1
6	Sensitivity analysis of a simplified precipitation-runoff model to estimate water availability in Southern Portuguese watersheds. <i>Acque Sotterranee - Italian Journal of Groundwater</i> , 2021, 10, 33-47.	0.2	0
7	A GLM copula approach for multisite annual streamflow generation. <i>Journal of Hydrology</i> , 2021, 598, 126226.	2.3	2
8	UPDATED RAINFALL SERIES AND THEIR TRENDS FOR MAINLAND PORTUGAL (1913–2019). , 2021, , .		1
9	Modulation of the goodness of fit in hydrological modelling based on inner balance errors. <i>PLoS ONE</i> , 2021, 16, e0260117.	1.1	0
10	Significant Extremal Dependence of a Daily North Atlantic Oscillation Index (NAOI) and Weighted Regionalised Rainfall in a Small Island Using the Extremogram. <i>Water (Switzerland)</i> , 2020, 12, 2989.	1.2	3
11	Habitat Use by <i>Pseudochondrostoma duriense</i> and <i>Squalius carolitertii</i> Downstream of a Small-Scale Hydropower Plant. <i>Water (Switzerland)</i> , 2020, 12, 2522.	1.2	6
12	Rainfall Trends over a Small Island Teleconnected to the North Atlantic Oscillation - the Case of Madeira Island, Portugal. <i>Water Resources Management</i> , 2020, 34, 4449-4467.	1.9	9
13	Long-Term Rainfall Trends and Their Variability in Mainland Portugal in the Last 106 Years. <i>Climate</i> , 2020, 8, 146.	1.2	15
14	Rainfall Trends in Southern Portugal at Different Time Scales. , 2020, , 3-19.		1
15	Meteorological Drought Assessment in the Eastern Slovakia. , 2020, , 34-41.		0
16	Spatio-temporal variability of droughts over past 80 years in Madeira Island. <i>Journal of Hydrology: Regional Studies</i> , 2019, 25, 100623.	1.0	17
17	A Continuous Drought Probability Monitoring System, CDPMS, Based on Copulas. <i>Water (Switzerland)</i> , 2019, 11, 1925.	1.2	17
18	Estimation of streamflow recession parameters: New insights from an analytic streamflow distribution model. <i>Hydrological Processes</i> , 2019, 33, 1595-1609.	1.1	19

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19	Jointly Modeling Drought Characteristics with Smoothed Regionalized SPI Series for a Small Island. <i>Water (Switzerland)</i> , 2019, 11, 2489.	1.2	11
20	The abundance and distribution of guilds of riparian woody plants change in response to land use and flow regulation. <i>Journal of Applied Ecology</i> , 2018, 55, 2227-2240.	1.9	45
21	Towards Safer Data-Driven Forecasting of Extreme Streamflows. <i>Water Resources Management</i> , 2018, 32, 701-720.	1.9	5
22	Analytical flow duration curves for summer streamflow in Switzerland. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 2377-2389.	1.9	15
23	Trends in Precipitation and Temperatures in Eastern Slovakia (1962â€“2014). <i>Water (Switzerland)</i> , 2018, 10, 727.	1.2	21
24	Using Climate-Flood Links and CMIP5 Projections to Assess Flood Design Levels Under Climate Change Scenarios: A Case Study in Southern Brazil. <i>Water Resources Management</i> , 2018, 32, 4879-4893.	1.9	7
25	A Bayesian peaks-over-threshold analysis of floods in the ItajaÃ-aÃ§u River under stationarity and nonstationarity. <i>Stochastic Environmental Research and Risk Assessment</i> , 2017, 31, 185-204.	1.9	31
26	Precipitation Trends over Slovakia in the Period 1981â€“2013. <i>Water (Switzerland)</i> , 2017, 9, 922.	1.2	45
27	Comprehensive Characterization of Droughts in Slovakia. <i>International Journal of Environmental Science and Development</i> , 2017, 8, 25-29.	0.2	8
28	Um desenvolvimento adicional do mÃ©todo dos fragmentos. AplicaÃ§Ã£o Ã desagregaÃ§Ã£o de escoamentos anuais em escoamento diÃ¡rios. <i>Ribagua</i> , 2017, 4, 24-40.	0.3	0
29	Monthly Trends of Precipitation in Gauging Stations in Slovakia. <i>Procedia Engineering</i> , 2016, 162, 106-111.	1.2	15
30	Disaggregation Modelling of Annual Flows into Daily Streamflows Using a New Approach of the Method of Fragments. <i>Water Resources Management</i> , 2016, 30, 5589-5607.	1.9	8
31	On some aspects of peaks-over-threshold modeling of floods under nonstationarity using climate covariates. <i>Stochastic Environmental Research and Risk Assessment</i> , 2016, 30, 207-224.	1.9	33
32	Drought analysis in southern Paraguay, Brazil and northern Argentina: regionalization, occurrence rate and rainfall thresholds. <i>Hydrology Research</i> , 2015, 46, 792-810.	1.1	28
33	SPI Modes of Drought Spatial and Temporal Variability in Portugal: Comparing Observations, PT02 and GPCP Gridded Datasets. <i>Water Resources Management</i> , 2015, 29, 487-504.	1.9	27
34	Analysis of Temporal Variability of Droughts in Southern Paraguay and Northern Argentina (1961â€“2011). <i>Climate Change Management</i> , 2014, , 31-46.	0.6	3
35	Pattern-oriented memory interpolation of sparse historical rainfall records. <i>Journal of Hydrology</i> , 2014, 510, 493-503.	2.3	4
36	On peaks-over-threshold modeling of floods with zero-inflated Poisson arrivals under stationarity and nonstationarity. <i>Stochastic Environmental Research and Risk Assessment</i> , 2014, 28, 1587-1599.	1.9	22

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37	Spring drought prediction based on winter NAO and global SST in Portugal. Hydrological Processes, 2014, 28, 1009-1024.	1.1	36
38	Trends in rainfall and streamflow series: portuguese case studies. International Journal of Safety and Security Engineering, 2014, 4, 221-248.	0.5	2
39	Dimensionality reduction in drought modelling. Hydrological Processes, 2013, 27, 1399-1410.	1.1	8
40	Stochastic Assessment of Reservoir Storage-Yield Relationships in Portugal. Journal of Hydrologic Engineering - ASCE, 2013, 18, 567-575.	0.8	13
41	Can satellite based pattern-oriented memory improve the interpolation of sparse historical rainfall records?. Journal of Hydrology, 2013, 492, 102-116.	2.3	8
42	Precipitation thresholds for drought recognition: a further use of the standardized precipitation index, SPI. WIT Transactions on Ecology and the Environment, 2013, , .	0.0	7
43	Disaggregation modelling of monthly streamflows using a new approach of the method of fragments. Hydrological Sciences Journal, 2012, 57, 942-955.	1.2	19
44	Nonstationarities in the occurrence rates of flood events in Portuguese watersheds. Hydrology and Earth System Sciences, 2012, 16, 241-254.	1.9	56
45	Investigation on the properties of the relationship between rare and extreme rainfall and flood volumes, under some distributional restrictions. Stochastic Environmental Research and Risk Assessment, 2012, 26, 859-872.	1.9	9
46	Construction of confidence intervals for extreme rainfall quantiles. , 2012, , .		2
47	Superfícies de limiares de precipitação para identificação de secas em Portugal continental: uma aplicação complementar do Índice de Precipitação Padronizada, SPI. Revista Recursos Hídricos, 2012, 33, 5-23.	0.1	6
48	Regional Frequency Analysis of Droughts in Portugal. Water Resources Management, 2011, 25, 3537-3558.	1.9	102
49	Regionalization of droughts in Portugal. WIT Transactions on Ecology and the Environment, 2011, , .	0.0	9
50	Generation of monthly synthetic streamflow series based on the method of fragments. WIT Transactions on Ecology and the Environment, 2011, , .	0.0	7
51	The challenge and status of IWRM in four river basins in Europe and Asia. Irrigation and Drainage Systems, 2010, 24, 205-221.	0.5	15
52	Spatial and temporal variability of droughts in Portugal. Water Resources Research, 2010, 46, .	1.7	227
53	Dam effects on droughts magnitude and duration in a transboundary basin: The Lower River Tagus, Spain and Portugal. Water Resources Research, 2009, 45, .	1.7	125
54	A new plotting position concept to evaluate peak flood discharges based on short samples. WIT Transactions on Ecology and the Environment, 2009, , .	0.0	3

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55	Trends in hydrologic time series. WIT Transactions on Ecology and the Environment, 2009, , .	0.0	1
56	Definition of ecological flows downstream of dams located in the South of Portugal: a new method. WIT Transactions on Ecology and the Environment, 2008, , .	0.0	1
57	Application of neural approaches to one-step daily flow forecasting in Portuguese watersheds. Journal of Hydrology, 2007, 332, 1-15.	2.3	90
58	Estimation of monthly stream flows based on the sequential water budget technique applied to the Thornthwaite potential evapotranspiration. WIT Transactions on Ecology and the Environment, 2007, , .	0.0	1
59	A diminuiÃ§Ã£o da precipitaÃ§Ã£o em Ã©pocas do aÃ±o como indÃcio de mudanÃ§a climÃtica: casos estudados em Portugal continental. IngenierÃa Del Agua, 2001, 8, 79.	0.2	3
60	Discussion of "Determination of Watershed Features for Surface Runoff Models" by N. K. Garg and D. J. Sen. Journal of Hydraulic Engineering, 1995, 121, 563-564.	0.7	0
61	Science, Policy and Stakeholders in Water Management. , 0, , .		17
62	Trends of rainfall as a support for integrated water resources management in Syria. , 0, 86, 285-296.		6
63	Precipitation trends detection as a tool for integrated water resources management in Slovakia. , 0, 99, 83-90.		10
64	EcoPeak4Fish: A Multidisciplinary Project Targeting the Protection of Fish Populations Affected by Hydropeaking. , 0, , .		0