

Javier Paredes-Arquiola

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/8711864/javier-paredes-arquiola-publications-by-year.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

42
papers

661
citations

15
h-index

25
g-index

43
ext. papers

762
ext. citations

4.5
avg, IF

4.12
L-index

#	Paper	IF	Citations
42	Integrated Surface-Groundwater Modelling of Nitrate Concentration in Mediterranean Rivers, the Júcar River Basin District, Spain. <i>Sustainability</i> , 2021 , 13, 12835	3.6	0
41	Effects of environmental flows on hydrological alteration and reliability of water demands. <i>Science of the Total Environment</i> , 2021 , 151630	10.2	2
40	Efecto del cambio climático en la calidad del agua de la Cuenca del Júcar. <i>Ingeniería Del Agua</i> , 2021 , 25, 75	0.7	
39	Improving Indicators of Hydrological Alteration in Regulated and Complex Water Resources Systems: A Case Study in the Duero River Basin. <i>Water (Switzerland)</i> , 2021 , 13, 2676	3	0
38	Hydrological Alteration Index as an Indicator of the Calibration Complexity of Water Quantity and Quality Modeling in the Context of Global Change. <i>Water (Switzerland)</i> , 2020 , 12, 115	3	7
37	A comparative analysis of the application of water quality exemptions in the European Union: The case of nitrogen. <i>Science of the Total Environment</i> , 2020 , 739, 139891	10.2	3
36	Comparing performance indicators to characterize the water supply to the demands of the Guadiana River basin (Spain). <i>Hydrological Sciences Journal</i> , 2020 , 65, 1060-1074	3.5	1
35	Too expensive to be worth it? A methodology to identify disproportionate costs of environmental measures as applied to the Middle Tagus River, Spain. <i>Journal of Environmental Planning and Management</i> , 2020 , 63, 2402-2424	2.8	1
34	Risk assessment in water resources planning under climate change at the Júcar River basin. <i>Hydrology and Earth System Sciences</i> , 2020 , 24, 5297-5315	5.5	5
33	Designing river water quality policy interventions with scarce data: the case of the Middle Tagus Basin, Spain. <i>Hydrological Sciences Journal</i> , 2020 , 65, 749-762	3.5	10
32	Adjusting wastewater treatment effluent standards to protect the receiving waters: the case of low-flow rivers in central Spain. <i>Environmental Earth Sciences</i> , 2020 , 79, 1	2.9	1
31	Optimizaci3n del indicador de escasez en la cuenca del r3o Júcar. <i>Ingeniería Del Agua</i> , 2020 , 24, 129	0.7	1
30	Quantification of climate change impact on dam failure risk under hydrological scenarios: a case study from a Spanish dam. <i>Natural Hazards and Earth System Sciences</i> , 2019 , 19, 2117-2139	3.9	9
29	Optimization of the Multi-Start Strategy of a Direct-Search Algorithm for the Calibration of Rainfall-Runoff Models for Water-Resource Assessment. <i>Water (Switzerland)</i> , 2019 , 11, 1876	3	7
28	Análisis del cambio en las aportaciones hidrológicas en la cuenca del r3o Júcar a partir de 1980 y sus causas. <i>Ingeniería Del Agua</i> , 2019 , 23, 141	0.7	3
27	Skill assessment of a seasonal forecast model to predict drought events for water resource systems. <i>Journal of Hydrology</i> , 2018 , 564, 574-587	6	9
26	Integrated Methodological Framework for Assessing the Risk of Failure in Water Supply Incorporating Drought Forecasts. Case Study: Andean Regulated River Basin. <i>Water Resources Management</i> , 2018 , 32, 1209-1223	3.7	3

25	Experiences in Proactive and Participatory Drought Planning and Management in the Jucar River Basin, Spain 2018 , 217-237		
24	Improved modelling of the freshwater provisioning ecosystem service in water scarce river basins. <i>Environmental Modelling and Software</i> , 2017 , 94, 87-99	5.2	14
23	Linking Pan-European data to the local scale for decision making for global change and water scarcity within water resources planning and management. <i>Science of the Total Environment</i> , 2017 , 603-604, 126-139	10.2	22
22	The Assessment of Sustainability Indexes and Climate Change Impacts on Integrated Water Resource Management. <i>Water (Switzerland)</i> , 2017 , 9, 213	3	23
21	Probabilistic Forecasting of Drought Events Using Markov Chain- and Bayesian Network-Based Models: A Case Study of an Andean Regulated River Basin. <i>Water (Switzerland)</i> , 2016 , 8, 37	3	25
20	Using ecosystem services to represent the environment in hydro-economic models. <i>Journal of Hydrology</i> , 2016 , 538, 293-303	6	33
19	A review of water scarcity and drought indexes in water resources planning and management. <i>Journal of Hydrology</i> , 2015 , 527, 482-493	6	177
18	Key issues for determining the exploitable water resources in a Mediterranean river basin. <i>Science of the Total Environment</i> , 2015 , 503-504, 319-28	10.2	15
17	Managing water quality under drought conditions in the Llobregat River Basin. <i>Science of the Total Environment</i> , 2015 , 503-504, 300-18	10.2	27
16	Assessment of evolutionary algorithms for optimal operating rules design in real Water Resource Systems. <i>Environmental Modelling and Software</i> , 2015 , 69, 425-436	5.2	21
15	Evaluation of Markov Chain Based Drought Forecasts in an Andean Regulated River Basin Using the Skill Scores RPS and GMSS. <i>Water Resources Management</i> , 2015 , 29, 1949-1963	3.7	20
14	Integrating water management, habitat modelling and water quality at the basin scale and environmental flow assessment: case study of the Tormes River, Spain. <i>Hydrological Sciences Journal</i> , 2014 , 59, 878-889	3.5	20
13	Methodology for Drought Risk Assessment in Within-year Regulated Reservoir Systems. Application to the Orbigo River System (Spain). <i>Water Resources Management</i> , 2014 , 28, 3801-3814	3.7	19
12	Water Accounts and Water Stress Indexes in the European Context of Water Planning: The Jucar River Basin. <i>Procedia Engineering</i> , 2014 , 89, 1470-1477		4
11	Adapting water accounting for integrated water resource management. The Júcar Water Resource System (Spain). <i>Journal of Hydrology</i> , 2014 , 519, 3369-3385	6	23
10	Evolutionary network flow models for obtaining operation rules in multi-reservoir water systems. <i>Journal of Hydroinformatics</i> , 2014 , 16, 33-49	2.6	7
9	Integrated modeling of water quantity and quality in the Araguari River basin, Brazil. <i>Latin American Journal of Aquatic Research</i> , 2014 , 42, 224-244	1.5	14
8	IMPLEMENTING ENVIRONMENTAL FLOWS IN COMPLEX WATER RESOURCES SYSTEMS [CASE STUDY: THE DUERO RIVER BASIN, SPAIN. <i>River Research and Applications</i> , 2013 , 29, 451-468	2.3	22

- | | | | |
|---|---|------|----|
| 7 | Development of operating rules for a complex multi-reservoir system by coupling genetic algorithms and network optimization. <i>Hydrological Sciences Journal</i> , 2013 , 58, 797-812 | 3.5 | 15 |
| 6 | Drought Planning and Management in the Júcar River Basin, Spain 2013 , 237-249 | | 7 |
| 5 | Water Quantity and Quality Models Applied to the Júcar River Basin, Spain. <i>Water Resources Management</i> , 2010 , 24, 2759-2779 | 3.7 | 45 |
| 4 | A decision support system for water quality issues in the Manzanares River (Madrid, Spain). <i>Science of the Total Environment</i> , 2010 , 408, 2576-89 | 10.2 | 32 |
| 3 | Refill and Drawdown Rules for Parallel Reservoirs: Quantity and Quality. <i>Water Resources Management</i> , 2006 , 20, 359-376 | 3.7 | 14 |
| 2 | Water reuse and desalination at Comunitat-Valenciana region, Spain 2005 , 193-201 | | |
| 1 | River water quality modelling under drought situations [the Turia River case. <i>Proceedings of the International Association of Hydrological Sciences</i> , 374, 187-192 | | |