

Abel Solera

List of Publications by Year in Descending Order

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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.

37
papers

688
citations

17
h-index

25
g-index

41
ext. papers

796
ext. citations

4.5
avg, IF

4.11
L-index

#	Paper	IF	Citations
37	Integrating seasonal forecasts into real-time drought management: Júcar River Basin case study. <i>International Journal of Disaster Risk Reduction</i> , 2022 , 70, 102777	4.5	0
36	Effects of environmental flows on hydrological alteration and reliability of water demands. <i>Science of the Total Environment</i> , 2021 , 151630	10.2	2
35	Efecto del cambio climático en la calidad del agua de la Cuenca del Júcar. <i>Ingeniería Del Agua</i> , 2021 , 25, 75	0.7	
34	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
33	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
32	Análisis de incertidumbre de las proyecciones climáticas en relación a las aportaciones históricas en la Cuenca del Júcar. <i>Ingeniería Del Agua</i> , 2020 , 24, 89	0.7	6
31	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
30	Contribution of decision support systems to water management improvement in basins with high evaporation in Mediterranean climates 2019 , 50, 1020-1036		7
29	A Simplified Water Accounting Procedure to Assess Climate Change Impact on Water Resources for Agriculture across Different European River Basins. <i>Water (Switzerland)</i> , 2019 , 11, 1976	3	8
28	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
27	Análisis del cambio en las aportaciones hidrológicas en la cuenca del río Júcar a partir de 1980 y sus causas. <i>Ingeniería Del Agua</i> , 2019 , 23, 141	0.7	3
26	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
25	Water Accounting for Integrated Water Resources Management. <i>Advances in Chemical Pollution, Environmental Management and Protection</i> , 2018 , 63-96	1.5	1
24	Experiences in Proactive and Participatory Drought Planning and Management in the Jucar River Basin, Spain 2018 , 217-237		
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	Drought early warning based on optimal risk forecasts in regulated river systems: Application to the Jucar River Basin (Spain). <i>Journal of Hydrology</i> , 2017 , 544, 36-45	6	18
21	The Assessment of Sustainability Indexes and Climate Change Impacts on Integrated Water Resource Management. <i>Water (Switzerland)</i> , 2017 , 9, 213	3	23

20	The use of AQUATOOL DSS applied to the System of Environmental-Economic Accounting for Water (SEEAW). <i>Journal of Hydrology</i> , 2016 , 533, 1-14	6	30
19	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
18	Integrating ecosystem services in river basin management plans. <i>Journal of Applied Ecology</i> , 2016 , 53, 865-875	5.8	34
17	Water Accounting in the Po River Basin Applied to Climate Change Scenarios. <i>Procedia Engineering</i> , 2016 , 162, 246-253		9
16	Water accounting for stressed river basins based on water resources management models. <i>Science of the Total Environment</i> , 2016 , 565, 181-190	10.2	26
15	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
14	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
13	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
12	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
11	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
10	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
9	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
8	Optimal Management of the Jucar River and Turia River Basins under Uncertain Drought Conditions. <i>Procedia Engineering</i> , 2014 , 89, 1260-1267		5
7	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
6	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
5	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
4	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
3	A Model for Solving the Optimal Water Allocation Problem in River Basins with Network Flow Programming When Introducing Non-Linearities. <i>Water Resources Management</i> , 2012 , 26, 4059-4071	3.7	19

- 2 Water Quantity and Quality Models Applied to the Jucar River Basin, Spain. *Water Resources Management*, **2010**, 24, 2759-2779 3·7 45
- 1 A decision support system for water quality issues in the Manzanares River (Madrid, Spain). *Science of the Total Environment*, **2010**, 408, 2576-89 10.2 32