

Inmaculada Pulido-Calvo

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

1,290
citations

471061

17
h-index

360668

35
g-index

43
all docs

43
docs citations

43
times ranked

1547
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatial and temporal variability of droughts in Portugal. <i>Water Resources Research</i> , 2010, 46, .	1.7	227
2	Improved irrigation water demand forecasting using a soft-computing hybrid model. <i>Biosystems Engineering</i> , 2009, 102, 202-218.	1.9	117
3	Regional Frequency Analysis of Droughts in Portugal. <i>Water Resources Management</i> , 2011, 25, 3537-3558.	1.9	102
4	The present environmental scenario of the Nador Lagoon (Morocco). <i>Environmental Research</i> , 2006, 102, 215-229.	3.7	98
5	Application of neural approaches to one-step daily flow forecasting in Portuguese watersheds. <i>Journal of Hydrology</i> , 2007, 332, 1-15.	2.3	90
6	Linear regressions and neural approaches to water demand forecasting in irrigation districts with telemetry systems. <i>Biosystems Engineering</i> , 2007, 97, 283-293.	1.9	73
7	Monthly catch forecasting of anchovy <i>Engraulis ringens</i> in the north area of Chile: Non-linear univariate approach. <i>Fisheries Research</i> , 2007, 86, 188-200.	0.9	67
8	Demand Forecasting for Irrigation Water Distribution Systems. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2003, 129, 422-431.	0.6	55
9	Acoustic identification of small pelagic fish species in Chile using support vector machines and neural networks. <i>Fisheries Research</i> , 2010, 102, 115-122.	0.9	42
10	Water Delivery System Planning Considering Irrigation Simultaneity. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2003, 129, 247-255.	0.6	41
11	Comparison between traditional methods and artificial neural networks for ammonia concentration forecasting in an eel (<i>Anguilla anguilla</i> L.) intensive rearing system. <i>Aquacultural Engineering</i> , 2004, 31, 183-203.	1.4	39
12	Anchovy (<i>Engraulis ringens</i>) and sardine (<i>Sardinops sagax</i>) abundance forecast off northern Chile: A multivariate ecosystemic neural network approach. <i>Progress in Oceanography</i> , 2010, 87, 242-250.	1.5	36
13	Spring drought prediction based on winter NAO and global SST in Portugal. <i>Hydrological Processes</i> , 2014, 28, 1009-1024.	1.1	36
14	Pacific sardine (<i>Sardinops sagax</i> , Jenyns 1842) landings prediction. A neural network ecosystemic approach. <i>Fisheries Research</i> , 2009, 100, 116-125.	0.9	34
15	Modeling water vapor impacts on the solar irradiance reaching the receiver of a solar tower plant by means of artificial neural networks. <i>Solar Energy</i> , 2018, 169, 34-39.	2.9	27
16	Gonadosomatic index estimates of an introduced pumpkinseed (<i>Lepomis gibbosus</i>) population in a Mediterranean stream, using computational neural networks. <i>Aquatic Sciences</i> , 2000, 62, 350-363.	0.6	22
17	Heuristic Modelling of the Water Resources Management in the Guadalquivir River Basin, Southern Spain. <i>Water Resources Management</i> , 2012, 26, 185-209.	1.9	20
18	Deriving data mining and regression based water-salinity production functions for spring wheat (<i>Triticum aestivum</i>). <i>Computers and Electronics in Agriculture</i> , 2014, 101, 68-75.	3.7	17

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19	SEDPA, an expert system for disease diagnosis in eel rearing systems. <i>Aquacultural Engineering</i> , 2005, 33, 110-125.	1.4	16
20	Modeling inflow rates for the water exchange management in semi-intensive aquaculture ponds. <i>Aquacultural Engineering</i> , 2012, 48, 19-30.	1.4	16
21	Energy Recovery in Pressurized Hydraulic Networks. <i>Water Resources Management</i> , 2021, 35, 1977-1990.	1.9	12
22	Is the Atlantic surface temperature a good proxy for forecasting the recruitment of European eel in the Guadalquivir estuary?. <i>Progress in Oceanography</i> , 2015, 130, 112-124.	1.5	10
23	Optimal design of pumping stations of inland intensive fishfarms. <i>Aquacultural Engineering</i> , 2006, 35, 283-291.	1.4	9
24	Dimensionality reduction in drought modelling. <i>Hydrological Processes</i> , 2013, 27, 1399-1410.	1.1	8
25	Is it possible to differentiate between environmental and fishery effects on abundance–biomass variation? A case study of blackspot seabream (<i>Pagellus bogaraveo</i>) in the Strait of Gibraltar. <i>Fisheries Oceanography</i> , 2017, 26, 455-475.	0.9	8
26	Environment or catches? Assessment of the decline in blackspot seabream (<i>Pagellus bogaraveo</i>) abundance in the Strait of Gibraltar. <i>Journal of Marine Systems</i> , 2019, 190, 15-24.	0.9	8
27	Analysis and viability of microturbines in hydraulic networks: a case study. <i>Journal of Water Supply: Research and Technology - AQUA</i> , 2019, 68, 474-482.	0.6	8
28	Drought and Ecological Flows in the Lower Guadiana River Basin (Southwest Iberian Peninsula). <i>Water (Switzerland)</i> , 2020, 12, 677.	1.2	7
29	Water Temperature Regimen Analysis of Intensive Fishfarms associated with Cooling Effluents from Power Plants. <i>Biosystems Engineering</i> , 2007, 96, 581-591.	1.9	6
30	Assisted management of water exchange in traditional semi-intensive aquaculture ponds. <i>Computers and Electronics in Agriculture</i> , 2014, 101, 128-134.	3.7	6
31	A Computer Program to Support the Selection of Turbines to Recover Unused Energy at Hydraulic Networks. <i>Water (Switzerland)</i> , 2021, 13, 467.	1.2	6
32	Pipes size selection of water distribution systems of fishfarms. <i>Aquacultural Engineering</i> , 2008, 39, 43-52.	1.4	5
33	Improving the interpretability of the effects of environmental factors on abundance of fish stocks. <i>Ecological Indicators</i> , 2020, 117, 106533.	2.6	5
34	Consistency of fuzzy rules in an ecological context. <i>Ecological Modelling</i> , 2013, 251, 187-198.	1.2	4
35	Analysis, evaluation and monitoring of the characteristic frequencies of pneumatic drive unit and its bearing through their corresponding frequency spectra and spectral density. <i>Eksplotacja I Niezawodnosc</i> , 2019, 21, 585-591.	1.1	4
36	Visi3n del regad3o. <i>Ingenier3a Del Agua</i> , 2014, 18, 38.	0.2	4

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37	VISIBILITY ESTIMATES FROM ATMOSPHERIC AND RADIOMETRIC VARIABLES USING ARTIFICIAL NEURAL NETWORKS. WIT Transactions on Ecology and the Environment, 2017, , .	0.0	2
38	PrevisÃ£o de secas na primavera em Portugal Continental com base em indicadores climÃ¡ticos de larga escala. IngenierÃa Del Agua, 2015, 19, 211.	0.2	2
39	Pagellus genus catches time series in the FAO Major Fishing Areas 27 and 34: Analysis of fishery behaviour. Marine Policy, 2022, 136, 104912.	1.5	1
40	Regional Analysis of Daily Precipitation Stochastic Model Parameters Using Artificial Neural Networks. , 2008, , .		0
41	Irrigation Water Demand Forecasting Using Wavelet Transforms and Artificial Intelligence. , 2011, , .		0
42	Performance Evaluation of Helical Separators Applied to Olive Oilâ€“Water Two-Phase Flows at Low Reynolds Numbers. Water (Switzerland), 2021, 13, 911.	1.2	0
43	Historical Evolution of the Reconstructed Catches of Four Species of the Pagellus Genus for Two Large Marine Ecosystems. , 0, , .		0