# Inmaculada Pulido-Calvo

List of Publications by Year
in descending order



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|---|---|---|---|
| 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 | 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 |
| 2 | A Computer Program to Support the Selection of Turbines to Recover Unused Energy at Hydraulic Networks. Water (Switzerland), 2021, 13, 467. | 1.2 | 6 |
| 3 | 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 |
| 4 | Energy Recovery in Pressurized Hydraulic Networks. Water Resources Management, 2021, 35, 1977-1990. | 1.9 | 12 |
| 5 | Drought and Ecological Flows in the Lower Guadiana River Basin (Southwest Iberian Peninsula). Water (Switzerland), 2020, 12, 677. | 1.2 | 7 |
| 6 | Improving the interpretability of the effects of environmental factors on abundance of fish stocks. Ecological Indicators, 2020, 117, 106533. | 2.6 | 5 |
| 7 | Environment or catches? Assessment of the decline in blackspot seabream (Pagellus bogaraveo) abundance in the Strait of Gibraltar. Journal of Marine Systems, 2019, 190, 15-24. | 0.9 | 8 |
| 8 | Analysis and viability of microturbines in hydraulic networks: a case study. Journal of Water Supply: Research and Technology - AQUA, 2019, 68, 474-482. | 0.6 | 8 |
| 9 | Analysis, evaluation and monitoring of the characteristic frequencies of pneumatic drive unit and its bearing through their corresponding frequency spectra and spectral density. Eksploatacja I Niezawodnosc, 2019, 21, 585-591. | 1.1 | 4 |
| 10 | Modeling water vapor impacts on the solar irradiance reaching the receiver of a solar tower plant by means of artificial neural networks. Solar Energy, 2018, 169, 34-39. | 2.9 | 27 |
| 11 | Is it possible to differentiate between environmental and fishery effects on abundanceâ€biomass variation? A case study of blackspot seabream (Pagellus bogaraveo) in the Strait of Gibraltar. Fisheries Oceanography, 2017, 26, 455-475. | 0.9 | 8 |
| 12 | VISIBILITY ESTIMATES FROM ATMOSPHERIC AND RADIOMETRIC VARIABLES USING ARTIFICIAL NEURAL NETWORKS. WIT Transactions on Ecology and the Environment, 2017, , . | 0.0 | 2 |
| 13 | Is the Atlantic surface temperature a good proxy for forecasting the recruitment of European eel in the Guadalquivir estuary?. Progress in Oceanography, 2015, 130, 112-124. | 1.5 | 10 |
| 14 | 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 |
| 15 | Assisted management of water exchange in traditional semi-intensive aquaculture ponds. Computers and Electronics in Agriculture, 2014, 101, 128-134. | 3.7 | 6 |
| 16 | Deriving data mining and regression based water-salinity production functions for spring wheat (Triticum aestivum). Computers and Electronics in Agriculture, 2014, 101, 68-75. | 3.7 | 17 |
| 17 | Spring drought prediction based on winter NAO and global SST in Portugal. Hydrological Processes, 2014, 28, 1009-1024. | 1.1 | 36 |
| 18 | VisiÃ³n del regadÃo. IngenierÃa Del Agua, 2014, 18, 38. | 0.2 | 4 |

| # | ARTICLE | IF | CITATIONS |
|---|---|---|---|
| 19 | Dimensionality reduction in drought modelling. Hydrological Processes, 2013, 27, 1399-1410. | 1.1 | 8 |
| 20 | Consistency of fuzzy rules in an ecological context. Ecological Modelling, 2013, 251, 187-198. | 1.2 | 4 |
| 21 | Modeling inflow rates for the water exchange management in semi-intensive aquaculture ponds. Aquacultural Engineering, 2012, 48, 19-30. | 1.4 | 16 |
| 22 | Heuristic Modelling of the Water Resources Management in the Guadalquivir River Basin, Southern Spain. Water Resources Management, 2012, 26, 185-209. | 1.9 | 20 |
| 23 | Irrigation Water Demand Forecasting Using Wavelet Transforms and Artificial Intelligence. , 2011, , . | | 0 |
| 24 | Regional Frequency Analysis of Droughts in Portugal. Water Resources Management, 2011, 25, 3537-3558. | 1.9 | 102 |
| 25 | Anchovy (Engraulis ringens) and sardine (Sardinops sagax) abundance forecast off northern Chile: A multivariate ecosystemic neural network approach. Progress in Oceanography, 2010, 87, 242-250. | 1.5 | 36 |
| 26 | Spatial and temporal variability of droughts in Portugal. Water Resources Research, 2010, 46, . | 1.7 | 227 |
| 27 | Acoustic identification of small pelagic fish species in Chile using support vector machines and neural networks. Fisheries Research, 2010, 102, 115-122. | 0.9 | 42 |
| 28 | Improved irrigation water demand forecasting using a soft-computing hybrid model. Biosystems Engineering, 2009, 102, 202-218. | 1.9 | 117 |
| 29 | Pacific sardine (Sardinops sagax, Jenyns 1842) landings prediction. A neural network ecosystemic approach. Fisheries Research, 2009, 100, 116-125. | 0.9 | 34 |
| 30 | Pipes size selection of water distribution systems of fishfarms. Aquacultural Engineering, 2008, 39, 43-52. | 1.4 | 5 |
| 31 | Regional Analysis of Daily Precipitation Stochastic Model Parameters Using Artificial Neural Networks. , 2008, , . | | 0 |
| 32 | Monthly catch forecasting of anchovy Engraulis ringens in the north area of Chile: Non-linear univariate approach. Fisheries Research, 2007, 86, 188-200. | 0.9 | 67 |
| 33 | Application of neural approaches to one-step daily flow forecasting in Portuguese watersheds. Journal of Hydrology, 2007, 332, 1-15. | 2.3 | 90 |
| 34 | Water Temperature Regimen Analysis of Intensive Fishfarms associated with Cooling Effluents from Power Plants. Biosystems Engineering, 2007, 96, 581-591. | 1.9 | 6 |
| 35 | Linear regressions and neural approaches to water demand forecasting in irrigation districts with telemetry systems. Biosystems Engineering, 2007, 97, 283-293. | 1.9 | 73 |
| 36 | The present environmental scenario of the Nador Lagoon (Morocco). Environmental Research, 2006, 102, 215-229. | 3.7 | 98 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Optimal design of pumping stations of inland intensive fishfarms. Aquacultural Engineering, 2006, 35, 283-291. | 1.4 | 9 |
| 38 | SEDPA, an expert system for disease diagnosis in eel rearing systems. Aquacultural Engineering, 2005, 33, 110-125. | 1.4 | 16 |
| 39 | Comparison between traditional methods and artificial neural networks for ammonia concentration forecasting in an eel (Anguilla anguilla L.) intensive rearing system. Aquacultural Engineering, 2004, 31, 183-203. | 1.4 | 39 |
| 40 | Water Delivery System Planning Considering Irrigation Simultaneity. Journal of Irrigation and Drainage Engineering - ASCE, 2003, 129, 247-255. | 0.6 | 41 |
| 41 | Demand Forecasting for Irrigation Water Distribution Systems. Journal of Irrigation and Drainage Engineering - ASCE, 2003, 129, 422-431. | 0.6 | 55 |
| 42 | Gonadosomatic index estimates of an introduced pumpkinseed (Lepomis gibbosus) population in a Mediterranean stream, using computational neural networks. Aquatic Sciences, 2000, 62, 350-363. | 0.6 | 22 |
| 43 | Historical Evolution of the Reconstructed Catches of Four Species of the Pagellus Genus for Two Large Marine Ecosystems. , 0, , . | | 0 |