Teodoro Estrela

List of Publications by Citations

24 papers	816 citations	15 h-index	26 g-index
26 ext. papers	948 ext. citations	5.5 avg, IF	4.28 L-index

#	Paper	IF	Citations
24	A review of water scarcity and drought indexes in water resources planning and management. *Journal of Hydrology*, **2015**, 527, 482-493	6	177
23	Impacts of climate change on water resources in Spain. *Hydrological Sciences Journal*, **2012**, 57, 1154-1167	3.5	107
22	Drought Management Plans in the European Union. The Case of Spain. *Water Resources Management*, **2012**, 26, 1537-1553	3.7	95
21	Groundwater intensive use and mining in south-eastern peninsular Spain: Hydrogeological, economic and social aspects. *Science of the Total Environment*, **2016**, 559, 302-316	10.2	65
20	Constructing a saturated hydraulic conductivity map of Spain using pedotransfer functions and spatial prediction. *Geoderma*, **2004**, 123, 257-277	6.7	56
19	Modeling Water Resources and River-Aquifer Interaction in the Jcar River Basin, Spain. *Water Resources Management*, **2014**, 28, 4337-4358	3.7	50
18	GIS-based models for water quantity and quality assessment in the Jcar River Basin, Spain, including climate change effects. *Science of the Total Environment*, **2012**, 440, 42-59	10.2	38
17	TREHS: An open-access software tool for investigating and evaluating temporary river regimes as a first step for their ecological status assessment. *Science of the Total Environment*, **2017**, 607-608, 519-540	10.2	31
16	La evaluaci de los recursos hdricos en el Libro Blanco del Agua en Espa. *Ingenier Del Agua*, **1999**, 6,	0.7	26
15	Water accounting for stressed river basins based on water resources management models. *Science of the Total Environment*, **2016**, 565, 181-190	10.2	26
14	Drought management policies in Spain and the European Union: from traditional emergency actions to Drought Management Plans. *Water Policy*, **2016**, 18, 153-176	1.6	24
13	Hydrological Forecasts and Projections for Improved Decision-Making in the Water Sector in Europe. *Bulletin of the American Meteorological Society*, **2019**, 100, 2451-2472	6.1	22
12	Investigation of pesticides and their transformation products in the Jcar River Hydrographical Basin (Spain) by wide-scope high-resolution mass spectrometry screening. *Environmental Research*, **2019**, 177, 108570	7.9	22
11	Improvement of the drought indicators system in the Jcar River Basin, Spain. *Science of the Total Environment*, **2018**, 610-611, 276-290	10.2	18
10	Key issues for determining the exploitable water resources in a Mediterranean river basin. *Science of the Total Environment*, **2015**, 503-504, 319-28	10.2	15
9	Measures required to reach the nitrate objectives in groundwater based on a long-term nitrate model for large river basins (Jcar, Spain). *Science of the Total Environment*, **2016**, 566-567, 122-133	10.2	12
8	Generaci automtica del nhero de curva con sistemas de informaci geogrfica. *Ingenier Del Agua*, **1995**, 2,	0.7	6

7	Pasado, presente y futuro de la desalación en España. *Ingeniería Del Agua*, **2019**, 23, 199	0.7	4
6	Water Accounts and Water Stress Indexes in the European Context of Water Planning: The Jucar River Basin. *Procedia Engineering*, **2014**, 89, 1470-1477		4
5	Water Trading and Global Water Scarcity **2012**,		4
4	A Proposal to Classify and Assess Ecological Status in Mediterranean Temporary Rivers: Research Insights to Solve Management Needs. *Water (Switzerland)*, **2021**, 13, 767	3	4
3	The EU WFD and the river basin management plans in Spain. *Water Management*, **2011**, 164, 397-404	1	3
2	Adapting participatory processes in temporary rivers management. *Environmental Science and Policy*, **2021**, 120, 145-156	6.2	2
1	Development of a hybrid model to interpolate monthly precipitation maps incorporating the orographic influence. *International Journal of Climatology*, **2019**, 39, 3962-3975	3.5	2