JosÃ© Javier LÃ³pez

List of Publications by Year
in descending order

26 papers	1,149 citations	759233 12 h-index	642732 23 g-index
26 all docs	26 docs citations	26 times ranked	1258 citing authors

#	Article	IF	Citations
1	Comparison of artificial neural network models and empirical and semi-empirical equations for daily reference evapotranspiration estimation in the Basque Country (Northern Spain). Agricultural Water Management, 2008, 95, 553-565.	5.6	234
2	Ephemeral gully erosion in southern Navarra (Spain). Catena, 1999, 36, 65-84.	5.0	186
3	Daily reference evapotranspiration modeling by using genetic programming approach in the Basque Country (Northern Spain). Journal of Hydrology, 2012, 414-415, 302-316.	5.4	139
4	Runoff, erosion, and water quality of agricultural watersheds in central Navarre (Spain). Agricultural Water Management, 2008, 95, 1111-1128.	5.6	96
5	Comparison of Gene Expression Programming with neuro-fuzzy and neural network computing techniques in estimating daily incoming solar radiation in the Basque Country (Northern Spain). Energy Conversion and Management, 2012, 62, 1-13.	9.2	95
6	Assessing soil erosion rates in cultivated areas of Navarre (Spain). Earth Surface Processes and Landforms, 2006, 31, 487-506.	2.5	84
7	Forecasting Weekly Evapotranspiration with ARIMA and Artificial Neural Network Models. Journal of Irrigation and Drainage Engineering - ASCE, 2009, 135, 323-334.	1.0	79
8	Sediment production and water quality of watersheds with contrasting land use in Navarre (Spain). Agricultural Water Management, 2010, 97, 1683-1694.	5.6	66
9	Application of a unit hydrograph based on subwatershed division and comparison with Nash's instantaneous unit hydrograph. Catena, 2005, 64, 321-332.	5.0	53
10	A process-based model for channel degradation: application to ephemeral gully erosion. Catena, 2003, 50, 435-447.	5.0	27
11	Exploring the role of topography in small channel erosion. Earth Surface Processes and Landforms, 2005, 30, 591-599.	2.5	27
12	Analysis of a unit hydrograph model based on watershed geomorphology represented as a cascade of reservoirs. Agricultural Water Management, 2005, 77, 128-143.	5.6	25
13	Digital Terrain Modelling of Drainage Channel Erosion. Biosystems Engineering, 1999, 74, 421-426.	0.4	8
14	Comparative analysis of a geomorphologyâ€based instantaneous unit hydrograph in small mountainous watersheds. Hydrological Processes, 2012, 26, 2909-2924.	2.6	5
15	Closure to â€œForecasting Weekly Evapotranspiration with ARIMA and Artificial Neural Network Modelsâ€•by G. Landeras, A. Ortiz-Barredo, and J. J. LÃ³pez. Journal of Irrigation and Drainage Engineering - ASCE, 2010, 136, 438-440.	1.0	4
16	Dynamic testing in columns for soil heavy metal removal for a car park SUDS. Science of the Total Environment, 2020, 738, 140229.	8.0	4
17	DeterminaciÃ³n de las curvas IDF en Igueldo-San SebastiÃ¡n. ComparaciÃ³n de diferentes mÃ©todos. IngenierÃa Del Agua, 2018, 22, 209.	0.4	4
18	Three unit hydrographs based on the beta distribution function: a novel approach. Hydrological Sciences Journal, 2013, 58, 65-76.	2.6	3

#	Article	IF	Citations
19	Geomorphological instantaneous unit hydrograph model with distributed rainfall. Catena, 2019, 172, 40-53.	5.0	3
20	Reservoir rainfallâ€“runoff geomorphological model. I: application and parameter analysis. Hydrological Processes, 2013, 27, 477-488.	2.6	2
21	Reservoir rainfallâ€runoff geomorphological model. II: analysis, calibration and validation. Hydrological Processes, 2013, 27, 489-504.	2.6	2
22	Surface soil moisture retrieval on agricultural catchments of Navarre, Spain through RADARSAT-1 SAR data: first results. , 2004, , .		1
23	SimulaciÃ³n de la escorrentÃa directa en una cuenca forestal del norte de EspaÃ±a. IngenierÃa Del Agua, 2008, 15, 19.	0.4	1
24	AnÃ¡lisis regional de frecuencias de las precipitaciones diarias extremas en Navarra. ElaboraciÃ³n de los mapas de cuantiles. IngenierÃa Del Agua, 2019, 23, 33.	0.4	1
25	RADARSAT based surface soil moisture retrieval on agricultural catchments of navarre (Spain). , 0, , .		0
26	AN OPTIMIZATION SCHEME OF IRRIGATION ADVICE: A CASE STUDY, SUGAR BEET IN THE BASQUE COUNTRY. Irrigation and Drainage, 2014, 63, 488-500.	1.7	0