

JosÃ© Javier LÃ³pez

List of Publications by Year in descending order

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26
papers

1,149
citations

759055

12
h-index

642610

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). <i>Agricultural Water Management</i> , 2008, 95, 553-565.	2.4	234
2	Ephemeral gully erosion in southern Navarra (Spain). <i>Catena</i> , 1999, 36, 65-84.	2.2	186
3	Daily reference evapotranspiration modeling by using genetic programming approach in the Basque Country (Northern Spain). <i>Journal of Hydrology</i> , 2012, 414-415, 302-316.	2.3	139
4	Runoff, erosion, and water quality of agricultural watersheds in central Navarra (Spain). <i>Agricultural Water Management</i> , 2008, 95, 1111-1128.	2.4	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). <i>Energy Conversion and Management</i> , 2012, 62, 1-13.	4.4	95
6	Assessing soil erosion rates in cultivated areas of Navarra (Spain). <i>Earth Surface Processes and Landforms</i> , 2006, 31, 487-506.	1.2	84
7	Forecasting Weekly Evapotranspiration with ARIMA and Artificial Neural Network Models. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2009, 135, 323-334.	0.6	79
8	Sediment production and water quality of watersheds with contrasting land use in Navarra (Spain). <i>Agricultural Water Management</i> , 2010, 97, 1683-1694.	2.4	66
9	Application of a unit hydrograph based on subwatershed division and comparison with Nash's instantaneous unit hydrograph. <i>Catena</i> , 2005, 64, 321-332.	2.2	53
10	A process-based model for channel degradation: application to ephemeral gully erosion. <i>Catena</i> , 2003, 50, 435-447.	2.2	27
11	Exploring the role of topography in small channel erosion. <i>Earth Surface Processes and Landforms</i> , 2005, 30, 591-599.	1.2	27
12	Analysis of a unit hydrograph model based on watershed geomorphology represented as a cascade of reservoirs. <i>Agricultural Water Management</i> , 2005, 77, 128-143.	2.4	25
13	Digital Terrain Modelling of Drainage Channel Erosion. <i>Biosystems Engineering</i> , 1999, 74, 421-426.	0.4	8
14	Comparative analysis of a geomorphology-based instantaneous unit hydrograph in small mountainous watersheds. <i>Hydrological Processes</i> , 2012, 26, 2909-2924.	1.1	5
15	Closure to "Forecasting Weekly Evapotranspiration with ARIMA and Artificial Neural Network Models" by G. Landeras, A. Ortiz-Barredo, and J. J. LÃ³pez. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2010, 136, 438-440.	0.6	4
16	Dynamic testing in columns for soil heavy metal removal for a car park SUDS. <i>Science of the Total Environment</i> , 2020, 738, 140229.	3.9	4
17	DeterminaciÃ³n de las curvas IDF en Igueldo-San SebastiÃ¡n. <i>ComparaciÃ³n de diferentes mÃ©todos. IngenierÃ­a Del Agua</i> , 2018, 22, 209.	0.2	4
18	Three unit hydrographs based on the beta distribution function: a novel approach. <i>Hydrological Sciences Journal</i> , 2013, 58, 65-76.	1.2	3

#	ARTICLE	IF	CITATIONS
19	Geomorphological instantaneous unit hydrograph model with distributed rainfall. Catena, 2019, 172, 40-53.	2.2	3
20	Reservoir rainfall-runoff geomorphological model. I: application and parameter analysis. Hydrological Processes, 2013, 27, 477-488.	1.1	2
21	Reservoir rainfall-runoff geomorphological model. II: analysis, calibration and validation. Hydrological Processes, 2013, 27, 489-504.	1.1	2
22	Surface soil moisture retrieval on agricultural catchments of Navarre, Spain through RADARSAT-1 SAR data: first results. , 2004, , .		1
23	Simulación de la escorrentía directa en una cuenca forestal del norte de España. Ingeniería Del Agua, 2008, 15, 19.	0.2	1
24	Análisis regional de frecuencias de las precipitaciones diarias extremas en Navarra. Elaboración de los mapas de cuantiles. Ingeniería Del Agua, 2019, 23, 33.	0.2	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.	0.8	0