

Joaquín Suárez

List of Publications by Year in descending order

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33
papers

543
citations

759233

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docs citations

33
times ranked

684
citing authors

#	ARTICLE	IF	CITATIONS
1	Determination of COD, BOD, and suspended solids loads during combined sewer overflow (CSO) events in some combined catchments in Spain. <i>Ecological Engineering</i> , 2005, 24, 199-217.	3.6	74
2	Determination of the unit hydrograph of a typical urban basin using genetic programming and artificial neural networks. <i>Hydrological Processes</i> , 2007, 21, 476-485.	2.6	66
3	Contaminant loads of CSOs at the wastewater treatment plant of a city in NW Spain. <i>Urban Water</i> , 2002, 4, 291-299.	0.5	46
4	A simplified method for determining potential heavy metal loads washed-off by stormwater runoff from road-deposited sediments. <i>Science of the Total Environment</i> , 2017, 601-602, 260-270.	8.0	44
5	Global Sensitivity and GLUE-Based Uncertainty Analysis of a 2D-1D Dual Urban Drainage Model. <i>Journal of Hydrologic Engineering - ASCE</i> , 2016, 21, .	1.9	41
6	Performance of constructed wetland applied for domestic wastewater treatment: Case study at Boimorto (Galicia, Spain). <i>Ecological Engineering</i> , 2016, 95, 324-329.	3.6	33
7	Overland flow computations in urban and industrial catchments from direct precipitation data using a two-dimensional shallow water model. <i>Water Science and Technology</i> , 2010, 62, 1998-2008.	2.5	30
8	PPCPs wet weather mobilization in a combined sewer in NW Spain. <i>Science of the Total Environment</i> , 2013, 449, 189-198.	8.0	26
9	Using a 2D shallow water model to assess Large-Scale Particle Image Velocimetry (LSPIV) and Structure from Motion (SfM) techniques in a street-scale urban drainage physical model. <i>Journal of Hydrology</i> , 2019, 575, 54-65.	5.4	24
10	Storm tank against combined sewer overflow: Operation strategies to minimise discharges impact to receiving waters. <i>Urban Water Journal</i> , 2015, 12, 219-228.	2.1	23
11	New insights to study the accumulation and erosion processes of fine-grained organic sediments in combined sewer systems from a laboratory scale model. <i>Science of the Total Environment</i> , 2020, 716, 136923.	8.0	19
12	Hydraulic, wash-off and sediment transport experiments in a full-scale urban drainage physical model. <i>Scientific Data</i> , 2020, 7, 44.	5.3	17
13	Simultaneous Removal of Organic Matter and Nitrogen Compounds in Autoaerated Biofilms. <i>Journal of Environmental Engineering, ASCE</i> , 2006, 132, 1255-1263.	1.4	12
14	Experimental and Numerical Analysis of Egg-Shaped Sewer Pipes Flow Performance. <i>Water (Switzerland)</i> , 2016, 8, 587.	2.7	11
15	Monitoring accumulation sediment characteristics in full scale sewer physical model with urban wastewater. <i>Water Science and Technology</i> , 2017, 76, 115-123.	2.5	11
16	Experimental study of pollutant washoff on a full-scale street section physical model. <i>Water Science and Technology</i> , 2017, 76, 2821-2829.	2.5	11
17	Development and Calibration of a New Drinker-Based Rainfall Simulator for Large-Scale Sediment Wash-Off Studies. <i>Water (Switzerland)</i> , 2020, 12, 152.	2.7	11
18	Characterisation of sediments during transport of solids in circular sewer pipes. <i>Water Science and Technology</i> , 2018, 2017, 8-15.	2.5	10

#	ARTICLE	IF	CITATIONS
19	Modelización de los impactos por DSU en el río Miño (Lugo). Ingeniería Del Agua, 2015, 19, 105.	0.4	10
20	Simultaneous carbon and nitrogen removal from municipal wastewater in full-scale unaerated/aerated submerged filters. Water Science and Technology, 2014, 69, 217-221.	2.5	5
21	Public Health Considerations for PM10 in a High-Pollution Megacity: Influences of Atmospheric Condition and Land Coverage. Atmosphere, 2021, 12, 118.	2.3	5
22	Integrated management of water resources in urban water system: Water Sensitive Urban Development as a strategic approach. Ingeniería Del Agua, 2014, 18, 107.	0.4	4
23	Design of a sand filter for highway runoff in the north of Spain. Proceedings of the Institution of Civil Engineers: Municipal Engineer, 2013, 166, 121-129.	0.7	3
24	Análisis de la movilización de sólidos en suspensión en una cuenca urbana separativa mediante la aplicación del muestreo en continuo de la turbidez. Ingeniería Del Agua, 2009, 16, .	0.4	3
25	Analysis of the mobilization of solid loads and heavy metals in runoff waters from granite quarries. Environmental Geology, 2006, 50, 823-834.	1.2	2
26	Analysis of Particulate Matter Concentration Intercepted by Trees of a Latin-American Megacity. Forests, 2021, 12, 723.	2.1	1
27	SEDUNIT PROJECT: STUDY OF THE ACCUMULATION, EROSION AND SEDIMENT TRANSPORT OF COHESIVE SOLIDS IN COMBINED SEWER SYSTEMS. , 2018, , .		1
28	Nitrificación en reactores biopelícula de membrana tubular permeable a gases. Ingeniería Del Agua, 2009, 16, .	0.4	0
29	Experiencias iberoamericanas en la gestión de esorrentas contaminadas de viales. , 2021, , .		0
30	El sentido físico de los parámetros en la modelización numérica del drenaje urbano. Ingeniería Del Agua, 2002, 9, 269.	0.4	0
31	Evaluación de la tratabilidad biológica de las aguas residuales urbanas de Coruña y municipios limítrofes. Ingeniería Del Agua, 2003, 10, 527.	0.4	0
32	Development of a Smart System for the Operation of a Complex Sanitation System. Green Energy and Technology, 2019, , 207-212.	0.6	0
33	Parameterising the diffuse pollution in a continental Mediterranean city. , 0, 200, 441-449.		0