

Jackson David Tellez Alvarez

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

108
citations

1937685

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1372567

10
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21
all docs

21
docs citations

21
times ranked

74
citing authors

#	ARTICLE	IF	CITATIONS
1	Methodology to Estimate the Hydraulic Efficiency of Nontested Continuous Transverse Grates. Journal of Irrigation and Drainage Engineering - ASCE, 2013, 139, 864-871.	1.0	34
2	Experimental investigation to estimate the discharge coefficient of a grate inlet under surcharge conditions. Urban Water Journal, 2019, 16, 85-91.	2.1	19
3	Discharge coefficients for specific grated inlets. Influence of the Froude number. Urban Water Journal, 2020, 17, 656-668.	2.1	16
4	The Relevance of Grated Inlets within Surface Drainage Systems in the Field of Urban Flood Resilience. A Review of Several Experimental and Numerical Simulation Approaches. Sustainability, 2021, 13, 7189.	3.2	13
5	Quantification of Energy Loss in Two Grated Inlets under Pressure. Water (Switzerland), 2020, 12, 1601.	2.7	5
6	Assessment of Turbulent Wake Behind two Wind Turbines Using Multi-Fractal Analysis. , 2017, , .		3
7	Numerical and Experimental Approaches to Estimate Discharge Coefficients and Energy Loss Coefficients in Pressurized Grated Inlets. Hydrology, 2021, 8, 162.	3.0	3
8	Simulating the Hydrodynamics of Sewer-Inlets Using a 2D-SWE Based Model. Springer Water, 2020, , 821-838.	0.3	3
9	Turbulence Behind 3D Multi-Scale Sparse Grids. Journal of Physics: Conference Series, 2018, 1101, 012048.	0.4	2
10	3D Numerical Simulation of Wind Turbines and Fractal Dimension Analysis. , 2018, , .		2
11	Using surface flow image velocimetry to analyse flow approaching grated inlets. Water Management, 2020, 173, 152-162.	1.2	2
12	Modelling of Surcharge Flow Through Grated Inlet. Springer Water, 2020, , 839-847.	0.3	2
13	Discussion of "Methodology to Estimate the Hydraulic Efficiency of Nontested Continuous Transverse Grates" by Beniamino Russo, Manuel Gómez, and Jackson Tellez. Journal of Irrigation and Drainage Engineering - ASCE, 2015, 141, 07014046.	1.0	1
14	Closure to "Methodology to Estimate the Hydraulic Efficiency of Nontested Continuous Transverse Grates" by Beniamino Russo, Manuel Gómez, and Jackson Tellez. Journal of Irrigation and Drainage Engineering - ASCE, 2015, 141, 07014047.	1.0	1
15	Simulation of turbulence mixing in the atmosphere boundary layer and analysis of fractal dimension. Physica Scripta, 2019, 94, 064004.	2.5	1
16	EXPERIMENTS AND SIMULATIONS OF MAXIMAL SCULLING PROPULSION: VORTICITY IMPULSE IN HUMAN BIOMECHANICS. , 0, , .		1
17	Convective thermal fluxes in unsteady non-homogeneous flows. Physica Scripta, 2019, 94, 074002.	2.5	0
18	MIXING IN CONVECTIVE THERMAL FLUXES IN UNSTEADY NON-HOMOGENEOUS FLOWS GENERATING COMPLEX THREE DIMENSIONAL VORTICITY PATTERNS. , 0, , .		0

#	ARTICLE	IF	CITATIONS
19	RICHTMYER-MESHKOV AND RAYLEIGH-TAYLOR FRACTAL MIXING. , 0, , .		0
20	Image processing technique for hydraulic application. Proceedings of the Institute for System Programming of RAS, 2017, 29, 289-298.	0.1	0
21	The multifractal analysis in Geophysical Flows. In memory of Prof. Jose Manuel Redondo Apraiz. , 2020, , .		0