

Andrea D'Aniello

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

186
citations

1162889

8
h-index

1125617

13
g-index

22
all docs

22
docs citations

22
times ranked

210
citing authors

#	ARTICLE	IF	CITATIONS
1	Boosting Genetic Algorithm Performance in Pump Scheduling Problems with a Novel Decision-Variable Representation. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2020, 146, .	1.3	25
2	Comparison Among Resilience and Entropy Index in the Optimal Rehabilitation of Water Distribution Networks Under Limited-Budgets. <i>Water Resources Management</i> , 2018, 32, 3997-4011.	1.9	23
3	The solution of the dam-break problem in the Porous Shallow water Equations. <i>Advances in Water Resources</i> , 2018, 114, 83-101.	1.7	20
4	The Effect of Geological Heterogeneity and Groundwater Table Depth on the Hydraulic Performance of Stormwater Infiltration Facilities. <i>Water Resources Management</i> , 2019, 33, 1147-1166.	1.9	17
5	A numerical model for the simulation of debris flow triggering, propagation and arrest. <i>Natural Hazards</i> , 2015, 75, 1403-1433.	1.6	15
6	Exact Solution of the Dam-Break Problem for Constrictions and Obstructions in Constant Width Rectangular Channels. <i>Journal of Hydraulic Engineering</i> , 2017, 143, .	0.7	10
7	Exact solution of the Linear Parabolic Approximation for flow-depth based diffusive flow routing. <i>Journal of Hydrology</i> , 2018, 563, 620-632.	2.3	10
8	One-dimensional Simulation of Debris-flow Inception and Propagation. <i>Procedia Earth and Planetary Science</i> , 2014, 9, 112-121.	0.6	9
9	The Influence of Soil Stochastic Heterogeneity and Facility Dimensions on Stormwater Infiltration Facilities Performance. <i>Water Resources Management</i> , 2019, 33, 2399-2415.	1.9	9
10	Leakage reduction in WDNs through optimal setting of PATs with a derivative-free optimizer. <i>Journal of Hydroinformatics</i> , 2020, 22, 713-724.	1.1	9
11	Infiltration and Distribution of Elemental Mercury DNAPL in Water-Saturated Porous Media: Experimental and Numerical Investigation. <i>Water, Air, and Soil Pollution</i> , 2018, 229, 1.	1.1	7
12	A new semi-Lagrangian routing procedure for constituent transport in steady and unsteady flow velocity fields. <i>Journal of Hydrology</i> , 2016, 538, 216-230.	2.3	6
13	Numerical Investigation of a Methane Leakage from a Geothermal Well into a Shallow Aquifer. <i>Ground Water</i> , 2020, 58, 598-610.	0.7	6
14	One-dimensional Mathematical Modelling of Debris Flow Impact on Open-check Dams. <i>Procedia Earth and Planetary Science</i> , 2016, 16, 5-14.	0.6	5
15	Leaking pipes and the urban karst: a pipe scale numerical investigation on water leaks flow paths in the subsurface. <i>Journal of Hydrology</i> , 2021, 603, 126847.	2.3	4
16	Modeling Gaseous CO ₂ Flow Behavior in Layered Basalts: Dimensional Analysis and Aquifer Response. <i>Ground Water</i> , 2021, 59, 677-693.	0.7	3
17	Infiltration behaviour of elemental mercury DNAPL in fully and partially water saturated porous media. <i>Journal of Contaminant Hydrology</i> , 2018, 209, 14-23.	1.6	2
18	A Derivative Free Non-Linear Programming Method for the Optimal Setting of PATs to Be Used in a Hybrid Genetic Algorithm: A Preliminary Work. <i>Proceedings (mdpi)</i> , 2018, 2, .	0.2	2

#	ARTICLE	IF	CITATIONS
19	The impact of water saturation on the infiltration behaviour of elemental mercury DNAPL in heterogeneous porous media. <i>Journal of Contaminant Hydrology</i> , 2018, 216, 1-9.	1.6	1
20	Closure to "Boosting Genetic Algorithm Performance in Pump Scheduling Problems with a Novel Decision-Variable Representation" by Luigi Cimorelli, Andrea D'Aniello, and Luca Cozzolino. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2021, 147, 07021012.	1.3	0