

# Jahanshir Mohammadzadeh-Habili

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

249  
citations

1039880

9  
h-index

940416

16  
g-index

23  
all docs

23  
docs citations

23  
times ranked

157  
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of the Green-Ampt model for infiltration into layered soils. Journal of Hydrology, 2015, 527, 824-832.	2.3	54
2	Application of potential flow to circular-crested weir. Journal of Hydraulic Research/De Recherches Hydrauliques, 2008, 46, 699-702.	0.7	29
3	Hydraulic characteristics of a new weir entitled of quarter-circular crested weir. Flow Measurement and Instrumentation, 2013, 33, 168-178.	1.0	22
4	Derivation of Reservoir's Area-Capacity Equations. Journal of Hydrologic Engineering - ASCE, 2009, 14, 1017-1023.	0.8	21
5	Development of an evaluation method for velocity distribution over cylindrical weirs using doublet concept. Flow Measurement and Instrumentation, 2018, 61, 79-83.	1.0	19
6	Comparison the hydraulic characteristics of finite crest length weir with quarter-circular crested weir. Flow Measurement and Instrumentation, 2016, 52, 77-82.	1.0	17
7	Study of Energy Dissipation and Downstream Flow Regime of Labyrinth Weirs. Iranian Journal of Science and Technology - Transactions of Civil Engineering, 2018, 42, 111-119.	1.0	16
8	New Empirical Method for Prediction of Sediment Distribution in Reservoirs. Journal of Hydrologic Engineering - ASCE, 2010, 15, 813-821.	0.8	15
9	Assessment of Artificial Recharge Dams and Improvement of Their Groundwater-Recharge Capacity. Journal of Hydrologic Engineering - ASCE, 2020, 25, .	0.8	11
10	Estimating Soil Hydraulic Parameters By Using Green and Ampt Infiltration Equation. Journal of Hydrologic Engineering - ASCE, 2011, 16, 772-780.	0.8	10
11	Effect of Aggregate Size and Porosity of Clay Soils on the Hydraulic Parameters of the Green-Ampt Infiltration Model. Journal of Hydrologic Engineering - ASCE, 2018, 23, .	0.8	8
12	Effect of reservoir geometry on functionality of recharge dams influenced by sedimentation: case study of the Meymand recharge dam. Arabian Journal of Geosciences, 2021, 14, 1.	0.6	5
13	Application of convex streamline theory to circular-crested weir. Biosystems Engineering, 2013, 116, 326-334.	1.9	4
14	Development of the Green-Ampt Infiltration Rate Model and Relationship of the GA Model Parameters with Soil Hydraulic Parameters. Journal of Hydrologic Engineering - ASCE, 2021, 26, .	0.8	4
15	Influences of natural salinity sources and human actions on the Shapour River salinity during the recent streamflow reduction period. Environmental Monitoring and Assessment, 2021, 193, 696.	1.3	4
16	Hydraulic calculation of field drain pipe diameter: Using the theory of spatially-varied flow with increasing discharge. Biosystems Engineering, 2010, 106, 559-563.	1.9	3
17	Discussion of "Discharge Coefficient of Circular-Crested Weirs Based on a Combination of Flow around a Cylinder and Circulation" by Abdorreza Kabiri-Samani and Sara Bagheri. Journal of Irrigation and Drainage Engineering - ASCE, 2015, 141, 07015006.	0.6	2
18	Theoretical solution for analysis and design of hydraulic jump on corrugated bed. Water S A, 2018, 44, .	0.2	2

#	ARTICLE	IF	CITATIONS
19	Investigation of Quarter-Circular Crested Spillway Using Experiments and Convex Streamline Theory. Iranian Journal of Science and Technology - Transactions of Civil Engineering, 2022, 46, 1491-1501.	1.0	2
20	Discussion of "Turbulence Modeling of Flows over Circular Spillways" by Rahim Tadayon and Amruthur S. Ramamurthy. Journal of Irrigation and Drainage Engineering - ASCE, 2010, 136, 876-876.	0.6	1
21	Discussion of "Hydraulic Geometry Relations for Stable Channel Design" by Hossein Afzalimehr, Mohammad Abdolhosseini, and Vijay P. Singh. Journal of Hydrologic Engineering - ASCE, 2012, 17, 355-357.	0.8	0
22	Discussion of "Numerical Simulation of Flow over a Semicylinder Weir" by Mevlut Sami Akoz, Veysel Gumus, and Mehmet Salih Kirkgoz. Journal of Irrigation and Drainage Engineering - ASCE, 2015, 141, 07015009.	0.6	0
23	Experimental and theoretical modeling of a quarter-circular gate flow. Flow Measurement and Instrumentation, 2021, 80, 101983.	1.0	0