Abdorreza Kabiri-Samani

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Discharge coefficients for free and submerged flow over Piano Key weirs. Journal of Hydraulic Research/De Recherches Hydrauliques, 2012, 50, 114-120.	1.7	97
2	Boundary Shear Stress in Smooth Trapezoidal Open Channel Flows. Journal of Hydraulic Engineering, 2013, 139, 205-212.	1.5	40
3	Clear-water scour around semi-elliptical abutments with armored beds. International Journal of Sediment Research, 2010, 25, 233-245.	3.5	38
4	Discharge coefficient of rectangular sharp-crested side weirs, Part I: Traditional weir equation. Flow Measurement and Instrumentation, 2014, 35, 109-115.	2.0	33
5	Discharge coefficient of rectangular sharp-crested side weirs Part II: DomÃnguez's method. Flow Measurement and Instrumentation, 2014, 35, 116-121.	2.0	32
6	Application of neural networks and fuzzy logic models to long-shore sediment transport. Applied Soft Computing Journal, 2011, 11, 2880-2887.	7.2	30
7	Optimal Reservoir Operation Based on Conjunctive Use of Surface Water and Groundwater Using Neuro-Fuzzy Systems. Water Resources Management, 2013, 27, 4259-4275.	3.9	27
8	Fluctuation of Air-Water Two-Phase Flow in Horizontal and Inclined Water Pipelines. Journal of Fluids Engineering, Transactions of the ASME, 2007, 129, 1-14.	1.5	18
9	Hydraulic behaviour of flow over an oblique weir. Journal of Hydraulic Research/De Recherches Hydrauliques, 2010, 48, 669-673.	1.7	18
10	Flow regimes at grid drop-type dissipators caused by changes in tail-water depth. Journal of Hydraulic Research/De Recherches Hydrauliques, 2018, 56, 505-516.	1.7	17
11	Numerical modeling of flow field around the labyrinth side-weirs in the presence of guide vanes. ISH Journal of Hydraulic Engineering, 2017, 23, 71-79.	2.1	15
12	Swirling flow at vertical shaft spillways with circular piano-key inlets. Journal of Hydraulic Research/De Recherches Hydrauliques, 2017, 55, 248-258.	1.7	15
13	Influence of unsteady flow hydrograph shape on local scouring around bridge pier. Water Management, 2012, 165, 473-480.	1.2	14
14	Flow characteristics of grid drop-type dissipators. Flow Measurement and Instrumentation, 2017, 54, 298-306.	2.0	14
15	Oblique weir equation using incomplete self-similarity. Canadian Journal of Civil Engineering, 2006, 33, 1241-1250.	1.3	13
16	Simulation of free surface flow over the streamlined weirs. Flow Measurement and Instrumentation, 2020, 71, 101680.	2.0	13
17	Numerical analysis of rubber dams using fluid–structure interactions. Flow Measurement and Instrumentation, 2014, 40, 91-98.	2.0	12
18	Investigating the effects of transient flow in concrete-lined pressure tunnels, and developing a new analytical formula for pressure wave velocity. Tunnelling and Underground Space Technology, 2019, 91, 102992.	6.2	12

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19	Overflow characteristics of streamlined weirs based on model experimentation. Flow Measurement and Instrumentation, 2020, 73, 101720.	2.0	12
20	Discharge coefficient of a rectangular labyrinth weir. Water Management, 2013, 166, 443-451.	1.2	11
21	Discharge Coefficient of Circular-Crested Weirs Based on a Combination of Flow around a Cylinder and Circulation. Journal of Irrigation and Drainage Engineering - ASCE, 2014, 140, .	1.0	10
22	Experimental study on reflection coefficient of curved perforated plate. Journal of Marine Science and Application, 2016, 15, 382-387.	1.7	9
23	Experimental–analytical investigation of super- to subcritical flow transition without a hydraulic jump. Journal of Hydraulic Research/De Recherches Hydrauliques, 2014, 52, 129-136.	1.7	8
24	Scour at bridge piers in uniform and armored beds under steady and unsteady flow conditions using ANN-APSO and ANN-GA algorithms. ISH Journal of Hydraulic Engineering, 2021, 27, 220-228.	2.1	8
25	Discharge Coefficient of Triangular and Asymmetric Labyrinth Side Weirs Using the Nonlinear PLS Method. Journal of Irrigation and Drainage Engineering - ASCE, 2016, 142, 06016010.	1.0	7
26	Scour in the transition from super- to subcritical flow without a hydraulic jump. Journal of Hydraulic Research/De Recherches Hydrauliques, 2017, 55, 470-479.	1.7	6
27	Hydraulic performance of labyrinth side weirs using vanes or piles. Water Management, 2011, 164, 229-241.	1.2	5
28	Turbulent structure in the transition from super- to subcritical flow without a hydraulic jump. Journal of Hydraulic Research/De Recherches Hydrauliques, 2017, 55, 50-62.	1.7	5
29	Flow-induced horizontal and vertical vibration of sluice gates. Water Management, 2018, 171, 152-162.	1.2	5
30	Discharge coefficient of hydrofoil weirs based on potential flow theory around a symmetric Joukowsky hydrofoil. Journal of Hydraulic Research/De Recherches Hydrauliques, 2020, 58, 899-909.	1.7	5
31	Combined APSO-ANN and APSO-ANFIS models for prediction of pressure loss in air-water two-phase slug flow in a horizontal pipeline. Journal of Hydroinformatics, 2021, 23, 88-102.	2.4	4
32	Evaluation of the Secondary Current Parameter and Depth-Averaged Velocity in Curved Compound Open Channels. Journal of Hydraulic Engineering, 2018, 144, 04018059.	1.5	3
33	Hydraulic characteristics of swirling flow at shaft spillways with the marguerite-shaped inlets. Journal of Hydraulic Research/De Recherches Hydrauliques, 2020, , 1-15.	1.7	3
34	Effects of modern marguerite-shaped inlets on hydraulic characteristics of swirling flow in shaft spillways. Water Science and Engineering, 2021, 14, 246-256.	3.2	3
35	Investigations of the Difference in Dam Break Modeling Approaches between 1-D and 2-D Hydrodynamic Model. Applied Mechanics and Materials, 0, 90-93, 2423-2426.	0.2	2
36	Discharge coefficient of subsurface weirs. Water Management, 2014, 167, 187-193.	1.2	2

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37	Water Hammer in a Horizontal Rectangular Conduit Containing Air-Water Two-Phase Slug Flow. Journal of Hydraulic Engineering, 2016, 142, 04015059.	1.5	2
38	Characteristics of flow around a cylindrical pier under a partially submerged bridge deck. Water Management, 2021, 174, 159-172.	1.2	2
39	Boundary Shear Stress Distribution in Curved Compound Open Channels. Journal of Hydraulic Engineering, 2021, 147, .	1.5	2
40	Experimental investigation of flow characteristics over asymmetric Joukowsky hydrofoil weirs for free and submerged flow. Flow Measurement and Instrumentation, 2021, 79, 101938.	2.0	2
41	Numerical modelling of flow field at shaft spillways with circular piano-key inlets. Water Management, 0, , 1-12.	1.2	2
42	Discussion: Triangular labyrinth side weirs with one and two cycles. Water Management, 2016, 169, 111-114.	1.2	1
43	Aspects of super to subcritical flow transition without a jump. Water Management, 2017, 170, 31-41.	1.2	1
44	The Effect of Netting Dissipaters on Increasing the Efficiency of Energy Dissipation in Vertical Drops. Applied Mechanics and Materials, 0, 90-93, 2427-2430.	0.2	0
45	Closure to "Discharge coefficient for free and submerged flow over piano key weir―by A.R. KABIRI-SAMANI, and A. JAVAHERI,J. Hydraulic Res. 50(3), 2012, 114–120. Journal of Hydraulic Research/De Recherches Hydrauliques, 2012, 50, 643-645.	1.7	0
46	Effect of piano-key shape inlet on critical submergence at a vertical pipe intake. IOP Conference Series: Earth and Environmental Science, 2012, 15, 052029.	0.3	0
47	Closure to "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, 07015007.	1.0	0
48	Experimental parametric study and design of Piano Key Weirs By O. MACHIELS, M. PIROTTON, A. PIERRE, B. DEWALS and S. ERPICUM, <i>J. Hydraulic Res.</i> 52(3), 2014, 326–335. Journal of Hydraulic Research/De Recherches Hydrauliques, 2015, 53, 543-545.	1.7	0
49	Discussion of "Prediction of Discharge Capacity over Two-Cycle Labyrinth Side Weir Using ANFIS―by M. Cihan Aydin and Korhan Kayisli. Journal of Irrigation and Drainage Engineering - ASCE, 2017, 143, 07017008.	1.0	0
50	Closure to "Water Hammer in a Horizontal Rectangular Conduit Containing Air-Water Two-Phase Slug Flow―by Amin Eyhavand-Koohzadi, Seyed M. Borghei, and Abdorreza Kabiri-Samani. Journal of Hydraulic Engineering, 2017, 143, 07017010.	1.5	0
51	Experimental modeling of the interaction between waves and submerged flexible mound breakwaters. Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment, 2021, 235, 127-141.	0.5	0