

# Ali R Vatankhah

## List of Publications by Citations

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161  
papers

957  
citations

15  
h-index

23  
g-index

169  
ext. papers

1,079  
ext. citations

1.8  
avg, IF

5.46  
L-index

#	Paper	IF	Citations
161	Role of Energy Loss on Discharge Characteristics of Sluice Gates. <i>Journal of Hydraulic Engineering</i> , <b>2011</b> , 137, 1079-1084	1.8	45
160	Flow measurement using circular sharp-crested weirs. <i>Flow Measurement and Instrumentation</i> , <b>2010</b> , 21, 118-122	2.2	42
159	Assessment of Modified Honey Bee Mating Optimization for Parameter Estimation of Nonlinear Muskingum Models. <i>Journal of Hydrologic Engineering - ASCE</i> , <b>2015</b> , 20, 04014055	1.8	41
158	Physical and Numerical Modeling of Large Headwater Ratios for a 15° Labyrinth Spillway. <i>Journal of Hydraulic Engineering</i> , <b>2016</b> , 142, 04016046	1.8	38
157	Applying Hypothesis of Self-Similarity for Flow-Resistance Law in Calabrian Gravel-Bed Rivers. <i>Journal of Hydraulic Engineering</i> , <b>2018</b> , 144, 04017061	1.8	31
156	Explicit solutions for critical and normal depths in channels with different shapes. <i>Flow Measurement and Instrumentation</i> , <b>2011</b> , 22, 43-49	2.2	28
155	Improved Channel Cross Section with Two-Segment Parabolic Sides and Horizontal Bottom. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2009</b> , 135, 357-365	1.1	26
154	Discussion of Applying Particle Swarm Optimization to Parameter Estimation of the Nonlinear Muskingum Model by H.-J. Chu and L.-C. Chang. <i>Journal of Hydrologic Engineering - ASCE</i> , <b>2010</b> , 15, 949-952	1.8	22
153	Water Surface Profiles along a Rectangular Side Weir in a U-Shaped Channel (Analytical Findings). <i>Journal of Hydrologic Engineering - ASCE</i> , <b>2013</b> , 18, 595-602	1.8	21
152	Analytical solution for water surface profile along a side weir in a triangular channel. <i>Flow Measurement and Instrumentation</i> , <b>2012</b> , 23, 76-79	2.2	21
151	New Solution Method for Water Surface Profile along a Side Weir in a Circular Channel. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2012</b> , 138, 948-954	1.1	21
150	Discussion of Turbulent Flow Friction Factor Calculation Using a Mathematically Exact Alternative to the Colebrook-White Equation by Jagadeesh R. Sonnad and Chetan T. Goudar. <i>Journal of Hydraulic Engineering</i> , <b>2008</b> , 134, 1187-1187	1.8	19
149	Approximate Solutions to Complete Elliptic Integrals for Practical Use in Water Engineering. <i>Journal of Hydrologic Engineering - ASCE</i> , <b>2011</b> , 16, 942-945	1.8	18
148	Approximate Analytical Solutions for the Colebrook Equation. <i>Journal of Hydraulic Engineering</i> , <b>2018</b> , 144, 06018007	1.8	17
147	Water surface profile along a side weir in a parabolic channel. <i>Flow Measurement and Instrumentation</i> , <b>2013</b> , 32, 90-95	2.2	16
146	Discussion of Parameter Estimation of the Nonlinear Muskingum Flood-Routing Model Using a Hybrid Harmony Search Algorithm by Halil Karahan, Gurhan Gurarslan, and Zong Woo Geem. <i>Journal of Hydrologic Engineering - ASCE</i> , <b>2014</b> , 19, 839-842	1.8	15
145	Evaluation of Explicit Numerical Solution Methods of the Muskingum Model. <i>Journal of Hydrologic Engineering - ASCE</i> , <b>2014</b> , 19, 06014001	1.8	14

144	Comment on Gene expression programming analysis of implicit Colebrook-White equation in turbulent flow friction factor calculation. <i>Journal of Petroleum Science and Engineering</i> , <b>2014</b> , 124, 402-405	4.4	14
143	Semi-regular polygon as the best hydraulic section in practice (generalized solutions). <i>Flow Measurement and Instrumentation</i> , <b>2014</b> , 38, 67-71	2.2	12
142	Explicit solutions for critical and normal depths in trapezoidal and parabolic open channels. <i>Ain Shams Engineering Journal</i> , <b>2013</b> , 4, 17-23	4.4	12
141	Sharp-crested weir located at the end of a circular channel. <i>Water Management</i> , <b>2017</b> , 170, 287-297	1	12
140	Discussion of Method of Solution of Nonuniform Flow with the Presence of Rectangular Side Weir by Maurizio Venutelli. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2009</b> , 135, 812-814	1.1	12
139	Briefing: Water surface profile over side weir in a trapezoidal channel. <i>Water Management</i> , <b>2012</b> , 165, 247-252	1	12
138	Analytical integration of the equation of gradually varied flow for triangular channels. <i>Flow Measurement and Instrumentation</i> , <b>2010</b> , 21, 546-549	2.2	12
137	Spatially varied flow in non-prismatic channels. I: dynamic equation. <i>Irrigation and Drainage</i> , <b>2002</b> , 51, 41-50	1.1	12
136	Predicting Discharge Coefficient of Triangular Side Orifice under Free Flow Conditions. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2018</b> , 144, 04018030	1.1	11
135	Exact equations for pipe-flow problems. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , <b>2009</b> , 47, 537-538	1.9	11
134	Normal Depth in Power-Law Channels. <i>Journal of Hydrologic Engineering - ASCE</i> , <b>2015</b> , 20, 06014008	1.8	10
133	Simplified procedure for design of long-throated flumes and weirs. <i>Flow Measurement and Instrumentation</i> , <b>2012</b> , 26, 79-84	2.2	10
132	Direct integration of gradually varied flow equation in parabolic channels. <i>Flow Measurement and Instrumentation</i> , <b>2011</b> , 22, 235-241	2.2	10
131	Direct Integration of Manning-Based GVF Equation in Trapezoidal Channels. <i>Journal of Hydrologic Engineering - ASCE</i> , <b>2012</b> , 17, 455-462	1.8	9
130	Experimental Study of the Stage-Discharge Relationship for an Upstream Inclined Grid with Longitudinal Bars. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2013</b> , 139, 691-695	1.1	9
129	Exact Sensitivity Equation for One-Dimensional Steady-State Shallow Water Flow (Application to Model Calibration). <i>Journal of Hydrologic Engineering - ASCE</i> , <b>2010</b> , 15, 939-945	1.8	9
128	Supercritical Flow Measurement Using a Large Parshall Flume. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2013</b> , 139, 655-662	1.1	8
127	Direct solution for discharge in generalized trapezoidal free overfall. <i>Flow Measurement and Instrumentation</i> , <b>2013</b> , 29, 61-64	2.2	8

126	Analytical inversion of specific energy-depth relationship in channels with parabolic cross-sections. <i>Hydrological Sciences Journal</i> , <b>2011</b> , 56, 834-840	3.5	8
125	Direct integration of Manning-based gradually varied flow equation. <i>Water Management</i> , <b>2011</b> , 164, 257-264	1.1	8
124	Head-Discharge Equation for Sharp-Crested Weir with Piecewise-Linear Sides. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2012</b> , 138, 1011-1018	1.1	8
123	Analytical solution of specific energy and specific force equations: Trapezoidal and triangular channels. <i>Advances in Water Resources</i> , <b>2010</b> , 33, 184-189	4.7	8
122	Discussion of Solution of Specific Energy and Specific Force Equations by Amlan Das. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2008</b> , 134, 880-882	1.1	8
121	Direct solutions for normal depth in parabolic and rectangular open channels using asymptotic matching technique. <i>Flow Measurement and Instrumentation</i> , <b>2015</b> , 46, 66-71	2.2	7
120	Discussion of Stage-Discharge Models for Concrete Orifices: Impact on Estimating Detention Basin Drawdown Time by W. T. Barlow and D. Brandes. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2016</b> , 142, 07016016	1.1	7
119	Stage-Discharge Relationship for Sharp-Crested Rectangular Slit Weirs. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2019</b> , 145, 06019006	1.1	7
118	Discussion of New Method for Modeling Thin-Walled Orifice Flow under Partially Submerged Conditions by David Brandes and William T. Barlow. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2013</b> , 139, 789-793	1.1	7
117	Choke-free flow in circular and ovoidal channels. <i>Water Management</i> , <b>2010</b> , 163, 207-215	1	7
116	A simplified direct method for finding optimal stable trapezoidal channels. <i>International Journal of River Basin Management</i> , <b>2011</b> , 9, 85-92	1.7	7
115	Direct solution to problems of hydraulic jump in horizontal triangular channels. <i>Applied Mathematics Letters</i> , <b>2010</b> , 23, 1104-1108	3.5	7
114	Exact solutions for normal depth problem. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , <b>2007</b> , 45, 567-571	1.9	7
113	Discussion of New Stage-Discharge Equation for the SMBF Flume by Francesco Giuseppe Carollo, Costanza Di Stefano, Vito Ferro, and Vincenzo Pampaloni. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2017</b> , 143, 07017011	1.1	6
112	New Theoretical Solution of Stage-Discharge Relationship for Slit Weirs. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2018</b> , 144, 06018001	1.1	6
111	Discussion of Assessment of Modified Honey Bee Mating Optimization for Parameter Estimation of Nonlinear Muskingum Models by Majid Niazkar and Seied Hosein Afzali. <i>Journal of Hydrologic Engineering - ASCE</i> , <b>2018</b> , 23, 07018002	1.8	6
110	Simplified Accurate Solution for Design of Erodible Trapezoidal Channels. <i>Journal of Hydrologic Engineering - ASCE</i> , <b>2011</b> , 16, 960-965	1.8	6
109	Discussion of Quick Method for Estimating Furrow Infiltration by Damodhara R. Mailapalli, W. W. Wallender, N. S. Raghuvanshi, and R. Singh. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2010</b> , 136, 73-75	1.1	6

108	Spatially varied flow in non-prismatic channels. II: numerical solution and experimental verification. <i>Irrigation and Drainage</i> , <b>2002</b> , 51, 51-60	1.1	6
107	Analytical solution of gradually varied flow equation in circular channels using variable Manning coefficient. <i>Flow Measurement and Instrumentation</i> , <b>2015</b> , 43, 53-58	2.2	5
106	Stage-discharge relationship for triangular and curved-edge triangular weirs. <i>Flow Measurement and Instrumentation</i> , <b>2019</b> , 69, 101609	2.2	5
105	New open channel with elliptic sides and horizontal bottom. <i>KSCE Journal of Civil Engineering</i> , <b>2014</b> , 18, 1197-1204	1.9	5
104	Improved explicit approximation of linear dispersion relationship for gravity waves: A discussion. <i>Coastal Engineering</i> , <b>2013</b> , 78, 21-22	4.8	5
103	Discussion of Modified Green-Ampt Infiltration Model for Steady Rainfall by J. Almedeij and I. I. Esen. <i>Journal of Hydrologic Engineering - ASCE</i> , <b>2015</b> , 20, 07014011	1.8	5
102	Analytical solutions for Bingham plastic fluids in laminar regime. <i>Journal of Petroleum Science and Engineering</i> , <b>2011</b> , 78, 596-600	4.4	5
101	Discussion of Head-Discharge Equation for Sharp-Crested Polynomial Weir by Raouf E. Baddour. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2009</b> , 135, 393-395	1.1	5
100	Comments on Depth-Energy and depth-force relationships in open channel flows II: Analytical findings for power-law cross sections by A. Valiani, V. Caleffi [Adv. Water Resour. 32 (2009) 213-224]. <i>Advances in Water Resources</i> , <b>2009</b> , 32, 963-964	4.7	5
99	Discussion of Exact Equations for Critical Depth in a Trapezoidal Canal by Prabhata K. Swamee and Pushpa N. Rathie. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2007</b> , 133, 508-508	1.1	5
98	A Modified Perturbation Solution Procedure for Spatially-Variied Flows. <i>Canadian Water Resources Journal</i> , <b>2001</b> , 26, 399-416	1.7	5
97	Explicit Solution for the Specific Flow Depths in Partially Filled Pipes. <i>Journal of Pipeline Systems Engineering and Practice</i> , <b>2017</b> , 8, 06017004	1.5	4
96	New and improved hydraulic radius for channels of the second kind. <i>Ain Shams Engineering Journal</i> , <b>2015</b> , 6, 767-773	4.4	4
95	Power-law free overfall in subcritical flow regime. <i>Ain Shams Engineering Journal</i> , <b>2015</b> , 6, 399-402	4.4	4
94	Stage-discharge equation for simple flumes with semi-cylinder contractions. <i>SN Applied Sciences</i> , <b>2020</b> , 2, 1	1.8	4
93	Assessing Stage-Discharge Relationships for Circular Overflow Structure. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2018</b> , 144, 04017053	1.1	4
92	Discussion of Hydraulic Design and Analysis of Labyrinth Weirs. I: Discharge Relationships by B. M. Crookston and B. P. Tullis. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2014</b> , 140, 07014021	1.1	4
91	Non-linear Muskingum model with inflow-based exponent. <i>Water Management</i> , <b>2017</b> , 170, 66-80	1	4

90	Discussion of Energy and Momentum Velocity Coefficients for Calibrating Submerged Sluice Gates in Irrigation Canals by Oscar Castro-Orgaz, David Lozano, and Luciano Mateos. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2012</b> , 138, 852-854	1.1	4
89	Semi-circular flap gate as a flow metering structure in circular channels. <i>Flow Measurement and Instrumentation</i> , <b>2018</b> , 64, 28-38	2.2	4
88	Flow through Partially Submerged Orifice. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2017</b> , 143, 06017006	1.1	3
87	Critical and Normal Depths in Semielliptical Channels. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2015</b> , 141, 06015002	1.1	3
86	GENERAL STAGEDISCHARGE RELATIONSHIP FOR SHARP-CRESTED POWER-LAW WEIRS: ANALYTICAL AND EXPERIMENTAL STUDY. <i>Irrigation and Drainage</i> , <b>2019</b> , 68, 808-821	1.1	3
85	Discussion of V-Shaped Multislit Weirs by A. S. Ramamurthy, J. Kai, and S. S. Han. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2014</b> , 140, 07014023	1.1	3
84	Discussion of Improved Nonlinear Muskingum Model with Variable Exponent Parameter by Said M. Easa. <i>Journal of Hydrologic Engineering - ASCE</i> , <b>2014</b> , 19, 07014004	1.8	3
83	Discussion of Experimental Studies on Flow over Labyrinth Weir by B. V. Khode, A. R. Tembhurkar, P. D. Porey, and R. N. Ingle. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2013</b> , 139, 1051-1053	1.1	3
82	Accurate gradually varied flow model for water surface profile in circular channels. <i>Ain Shams Engineering Journal</i> , <b>2013</b> , 4, 625-632	4.4	3
81	General Solution of Conjugate Depth Ratio (Power-Law Channels). <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2017</b> , 143, 06017009	1.1	3
80	Comparison of Current Methods for the Evaluation of Einstein's Integrals. <i>Journal of Hydraulic Engineering</i> , <b>2017</b> , 143, 06016026	1.8	3
79	Discussion of Discharge Characteristics of a Trapezoidal Labyrinth Side Weir with One and Two Cycles in Subcritical Flow by M. Emin Emiroglu, M. Cihan Aydin, and Nihat Kaya. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2015</b> , 141, 07015003	1.1	3
78	Discussion of Application of excel solver for parameter estimation of the nonlinear Muskingum models by Reza Barati. <i>KSCE Journal of Civil Engineering</i> , <b>2015</b> , 19, 332-336	1.9	3
77	Full-Range Solution for the Theis Well Function. <i>Journal of Hydrologic Engineering - ASCE</i> , <b>2014</b> , 19, 649-658		3
76	Choke-free flow in trapezoidal channels. <i>Water Management</i> , <b>2010</b> , 163, 439-445	1	3
75	Discussion of Direct Solution to Problems of Open-Channel Transitions: Rectangular Channels by Abdulrahman Abdulrahman. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2009</b> , 135, 704-704	1.1	3
74	Discussion of Channel Flow Measurement Using Portable Conical Central Baffle by Ankur Kapoor, Aniruddha D. Ghare, Avinash D. Vasudeo, and Avinash M. Badar. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2020</b> , 146, 07020009	1.1	3
73	Discussion of Hydraulic Characteristics of Flow over Sinusoidal Sharp-Crested Weirs by Zahra Oreizi, Manouchehr Heidarpour, and Sara Bagheri. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2016</b> , 142, 07015031	1.1	2

72	Explicit Equations for Uniform Flow Depth. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2017</b> , 143, 06016016	1.1	2
71	Discussion of Discharge Coefficients for Orifices Cut into Round Pipes by Alex J. McLemore, John S. Tyner, Daniel C. Yoder, and John R. Buchanan. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2015</b> , 141, 07015022	1.1	2
70	Stage-Discharge Relationship for Weir Orifice Structure Located at the End of Circular Open Channels. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2020</b> , 146, 06020006	1.1	2
69	Analytical and experimental study of flow through elliptical side orifices. <i>Flow Measurement and Instrumentation</i> , <b>2020</b> , 72, 101712	2.2	2
68	Calculating Discharge from Culverts under Inlet Control Using Stage at the Inlet. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2014</b> , 140, 06013003	1.1	2
67	Simplified procedure for determining of drop and stilling basin invert elevations. <i>Ain Shams Engineering Journal</i> , <b>2014</b> , 5, 1-6	4.4	2
66	Alternative Solutions for Horizontal Circular Curves by Noniterative Methods. <i>Journal of Surveying Engineering, - ASCE</i> , <b>2013</b> , 139, 111-119	1.3	2
65	Limiting dimensions for trapezoidal channels and control notches (Design Aid). <i>KSCE Journal of Civil Engineering</i> , <b>2013</b> , 17, 850-857	1.9	2
64	Multiple Critical Depth Occurrence in Two-Stage Cross Sections: Effect of Side Slope Change. <i>Journal of Hydrologic Engineering - ASCE</i> , <b>2013</b> , 18, 722-728	1.8	2
63	Improved explicit approximation of linear dispersion relationship for gravity waves: Comment on another discussion. <i>Coastal Engineering</i> , <b>2013</b> , 81, 30-31	4.8	2
62	Discussion of Discharge Coefficients for Baffle-Sluice Gates by P. K. Mishra, Wernher Brevis, and Cornelia Lang. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2014</b> , 140, 07014011	1.1	2
61	Direct solutions for normal and critical depths in standard city-gate sections. <i>Flow Measurement and Instrumentation</i> , <b>2012</b> , 28, 16-21	2.2	2
60	Comment on Direct solution for discharge in circular free overfall by Z. Ahmad, H. Md. Azamathulla. <i>Hydrol., in press. doi: http://dx.doi.org/10.1016/j.jhydrol.2012.04.025. Journal of Hydrology</i> , <b>2012</b> , 466-467, 185-187	6	2
59	Closure to Simplified Accurate Solution for Design of Erodible Trapezoidal Channels by Ali R. Vatankhah and Said M. Easa. <i>Journal of Hydrologic Engineering - ASCE</i> , <b>2013</b> , 18, 617-618	1.8	2
58	Discussion of Improved Channel Cross Section with Two-Segment Parabolic Sides and Horizontal Bottom by Said M. Easa. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2010</b> , 136, 662-665	1.1	2
57	Direct solutions for design of grass-lined channels. <i>Water Management</i> , <b>2012</b> , 165, 153-159	1	2
56	Closure to Approximate Analytical Solutions for the Colebrook Equation by Ali R. Vatankhah. <i>Journal of Hydraulic Engineering</i> , <b>2020</b> , 146, 07019013	1.8	2
55	Experimental modeling of flumes with two semi-cylinder contractions (free and submerged flows). <i>Flow Measurement and Instrumentation</i> , <b>2020</b> , 76, 101844	2.2	2

54	Discussion of Stage-Discharge Relationship for an Upstream Inclined Grid with Transversal Bars by C. Di Stefano, and V. Ferro. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2016</b> , 142, 07016007	1.1	2
53	Normal depth and wetted perimeter in general power-law channels. <i>Flow Measurement and Instrumentation</i> , <b>2018</b> , 64, 234-241	2.2	2
52	Discussion of Assessing Stage-Discharge Relationships for Circular Overflow Structure by M. Bijankhan and V. Ferro. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2018</b> , 144, 07018033	1.1	2
51	Discussion of Parameter Estimation for the Nonlinear Forms of the Muskingum Model by Piyusha Hirpurkar and Aniruddha D. Ghare. <i>Journal of Hydrologic Engineering - ASCE</i> , <b>2015</b> , 20, 07015018	1.8	1
50	Discussion of Supercritical Flow Measurement Using a Large Parshall Flume by Amanda L. Cox, Christopher I. Thornton, and Steven R. Abt. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2015</b> , 141, 07014041	1.1	1
49	Discussion of Calculating Discharge from Culverts under Inlet Control Using Stage at the Inlet by Elizabeth M. Toman, Arne E. Skaugset III, and Amy N. Simmons. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2015</b> , 141, 07014058	1.1	1
48	Discussion of Flow through Partially Submerged Orifice by James C. Y. Guo and Ryan P. Stitt. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2018</b> , 144, 07018022	1.1	1
47	Discussion of Analytical Solutions of Energy Equation for Rectangular Channels: Direct Approach by Sushil K. Singh. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2018</b> , 144, 07018025	1.1	1
46	Closure to Predicting Discharge Coefficient of Triangular Side Orifice under Free Flow Conditions by Ali R. Vatankhah and S. H. Mirnia. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2019</b> , 145, 07019009	1.1	1
45	Discussion of Novel Approach for Side Weirs in Supercritical Flow by Francesco Granata, Giovanni de Marinis, Rudy Gargano, and Carla Tricarico. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2014</b> , 140, 07014025	1.1	1
44	Discussion of Experimental Study of the Stage-Discharge Relationship for an Upstream Inclined Grid with Longitudinal Bars by C. Di Stefano and V. Ferro. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2014</b> , 140, 07014027	1.1	1
43	Discussion of Groundwater Mound due to Artificial Recharge from Rectangular Areas by Sushil K. Singh. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2013</b> , 139, 785-789	1.1	1
42	Depth-independent kinematic wave parameters for trapezoidal and power-law channels. <i>Ain Shams Engineering Journal</i> , <b>2013</b> , 4, 173-183	4.4	1
41	Briefing: Direct solution for water surface profile in circular channels. <i>Water Management</i> , <b>2014</b> , 167, 311-317	1	1
40	Comment on Quasi-theoretical end-depth-discharge relationship for trapezoidal channels <i>Journal of Hydrology</i> , <b>2013</b> , 477, 261-264	6	1
39	Discussion of Most Hydraulically Efficient Standard Lined Canal Sections by David C. Froehlich. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2009</b> , 135, 398-399	1.1	1
38	Influence of Regulators in Controlling Upstream Water Depth. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2011</b> , 137, 620-623	1.1	1
37	Full-range pipe-flow equations. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , <b>2008</b> , 46, 559-559	5.59	1



36	Experimental study on rectangular cut-throated flume: Effects of flume walls slopes and channel longitudinal slope. <i>Flow Measurement and Instrumentation</i> , <b>2021</b> , 79, 101919	2.2	1
35	Discussion of New Theoretical Solution of Stage-Discharge Relationship for Slit Weirs by Vito Ferro and Ismail Aydin. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2018</b> , 144, 07018035	1.1	1
34	Discussion of Comparison of Current Methods for the Evaluation of Einstein Integrals by Kaveh Zamani, Fabio A. Bombardelli, and Babak Kamrani-Moghaddam. <i>Journal of Hydraulic Engineering</i> , <b>2018</b> , 144, 07018016	1.8	1
33	Discharge equation of semi-circular side weirs: An experimental study. <i>Flow Measurement and Instrumentation</i> , <b>2021</b> , 81, 102041	2.2	1
32	Determination of drain pipe diameter using spatially varied flow theorem. <i>Water Management</i> , <b>2012</b> , 165, 31-37	1	0
31	Briefing: Non-iterative solution for positive surge waves. <i>Water Management</i> , <b>2012</b> , 165, 147-152	1	0
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