

Ali R Vatankhah

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2596297/publications.pdf>

Version: 2024-02-01

169
papers

1,209
citations

471061

17
h-index

552369

26
g-index

169
all docs

169
docs citations

169
times ranked

468
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of Energy Loss on Discharge Characteristics of Sluice Gates. Journal of Hydraulic Engineering, 2011, 137, 1079-1084.	0.7	63
2	Physical and Numerical Modeling of Large Headwater Ratios for a 15° Labyrinth Spillway. Journal of Hydraulic Engineering, 2016, 142, .	0.7	52
3	Flow measurement using circular sharp-crested weirs. Flow Measurement and Instrumentation, 2010, 21, 118-122.	1.0	50
4	Assessment of Modified Honey Bee Mating Optimization for Parameter Estimation of Nonlinear Muskingum Models. Journal of Hydrologic Engineering - ASCE, 2015, 20, .	0.8	50
5	Applying Hypothesis of Self-Similarity for Flow-Resistance Law in Calabrian Gravel-Bed Rivers. Journal of Hydraulic Engineering, 2018, 144, .	0.7	39
6	Explicit solutions for critical and normal depths in channels with different shapes. Flow Measurement and Instrumentation, 2011, 22, 43-49.	1.0	33
7	Improved Channel Cross Section with Two-Segment Parabolic Sides and Horizontal Bottom. Journal of Irrigation and Drainage Engineering - ASCE, 2009, 135, 357-365.	0.6	29
8	Approximate Analytical Solutions for the Colebrook Equation. Journal of Hydraulic Engineering, 2018, 144, .	0.7	25
9	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. Journal of Hydraulic Engineering, 2008, 134, 1187-1187.	0.7	24
10	Analytical solution for water surface profile along a side weir in a triangular channel. Flow Measurement and Instrumentation, 2012, 23, 76-79.	1.0	23
11	Discussion of "Applying Particle Swarm Optimization to Parameter Estimation of the Nonlinear Muskingum Model" by H.-J. Chu and L.-C. Chang. Journal of Hydrologic Engineering - ASCE, 2010, 15, 949-952.	0.8	22
12	Water Surface Profiles along a Rectangular Side Weir in a U-Shaped Channel (Analytical Findings). Journal of Hydrologic Engineering - ASCE, 2013, 18, 595-602.	0.8	22
13	Evaluation of Explicit Numerical Solution Methods of the Muskingum Model. Journal of Hydrologic Engineering - ASCE, 2014, 19, .	0.8	22
14	Approximate Solutions to Complete Elliptic Integrals for Practical Use in Water Engineering. Journal of Hydrologic Engineering - ASCE, 2011, 16, 942-945.	0.8	21
15	New Solution Method for Water Surface Profile along a Side Weir in a Circular Channel. Journal of Irrigation and Drainage Engineering - ASCE, 2012, 138, 948-954.	0.6	21
16	Predicting Discharge Coefficient of Triangular Side Orifice under Free Flow Conditions. Journal of Irrigation and Drainage Engineering - ASCE, 2018, 144, .	0.6	20
17	Comment on "Gene expression programming analysis of implicit Colebrook" White equation in turbulent flow friction factor calculation". Journal of Petroleum Science and Engineering, 2014, 124, 402-405.	2.1	18
18	Explicit solutions for critical and normal depths in trapezoidal and parabolic open channels. Ain Shams Engineering Journal, 2013, 4, 17-23.	3.5	17

#	ARTICLE	IF	CITATIONS
19	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> , 2014, 19, 839-842.	0.8	17
20	Water surface profile along a side weir in a parabolic channel. <i>Flow Measurement and Instrumentation</i> , 2013, 32, 90-95.	1.0	16
21	Exact equations for pipe-flow problems. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , 2009, 47, 537-538.	0.7	15
22	Simplified procedure for design of long-throated flumes and weirs. <i>Flow Measurement and Instrumentation</i> , 2012, 26, 79-84.	1.0	15
23	Sharp-crested weir located at the end of a circular channel. <i>Water Management</i> , 2017, 170, 287-297.	0.4	14
24	Briefing: Water surface profile over side weir in a trapezoidal channel. <i>Water Management</i> , 2012, 165, 247-252.	0.4	13
25	Semi-regular polygon as the best hydraulic section in practice (generalized solutions). <i>Flow Measurement and Instrumentation</i> , 2014, 38, 67-71.	1.0	13
26	Spatially varied flow in non-prismatic channels. I: dynamic equation. <i>Irrigation and Drainage</i> , 2002, 51, 41-50.	0.8	12
27	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> , 2009, 135, 812-814.	0.6	12
28	Analytical integration of the equation of gradually varied flow for triangular channels. <i>Flow Measurement and Instrumentation</i> , 2010, 21, 546-549.	1.0	12
29	Direct integration of gradually varied flow equation in parabolic channels. <i>Flow Measurement and Instrumentation</i> , 2011, 22, 235-241.	1.0	12
30	Direct solution for discharge in generalized trapezoidal free overfall. <i>Flow Measurement and Instrumentation</i> , 2013, 29, 61-64.	1.0	12
31	Head-Discharge Equation for Sharp-Crested Weir with Piecewise-Linear Sides. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2012, 138, 1011-1018.	0.6	11
32	Direct Integration of Manning-Based GVF Equation in Trapezoidal Channels. <i>Journal of Hydrologic Engineering - ASCE</i> , 2012, 17, 455-462.	0.8	11
33	Normal Depth in Power-Law Channels. <i>Journal of Hydrologic Engineering - ASCE</i> , 2015, 20, 06014008.	0.8	11
34	Stage-discharge relationship for triangular and curved-edge triangular weirs. <i>Flow Measurement and Instrumentation</i> , 2019, 69, 101609.	1.0	10
35	Discussion of "Solution of Specific Energy and Specific Force Equations" by Amlan Das. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2008, 134, 880-882.	0.6	9
36	Direct solution to problems of hydraulic jump in horizontal triangular channels. <i>Applied Mathematics Letters</i> , 2010, 23, 1104-1108.	1.5	9

#	ARTICLE	IF	CITATIONS
37	Analytical solution of specific energy and specific force equations: Trapezoidal and triangular channels. <i>Advances in Water Resources</i> , 2010, 33, 184-189.	1.7	9
38	Exact Sensitivity Equation for One-Dimensional Steady-State Shallow Water Flow (Application to) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.8	9
39	Choke-free flow in circular and ovoidal channels. <i>Water Management</i> , 2010, 163, 207-215.	0.4	9
40	Direct integration of Manning-based gradually varied flow equation. <i>Water Management</i> , 2011, 164, 257-264.	0.4	9
41	Supercritical Flow Measurement Using a Large Parshall Flume. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2013, 139, 655-662.	0.6	9
42	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> , 2013, 139, 789-793.	0.6	9
43	Experimental Study of the Stage-Discharge Relationship for an Upstream Inclined Grid with Longitudinal Bars. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2013, 139, 691-695.	0.6	9
44	Discussion of "New Stage-Discharge Equation for the SMBF Flume" by Francesco Giuseppe Carollo, Costanza Di Stefano, Vito Ferro, and Vincenzo Pampalone. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2017, 143, 07017011.	0.6	9
45	New Theoretical Solution of Stage-Discharge Relationship for Slit Weirs. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2018, 144, .	0.6	9
46	Stage-Discharge Relationship for Sharp-Crested Rectangular Slit Weirs. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2019, 145, 06019006.	0.6	9
47	GENERAL STAGE-DISCHARGE RELATIONSHIP FOR SHARP-CRESTED POWER-LAW WEIRS: ANALYTICAL AND EXPERIMENTAL STUDY. <i>Irrigation and Drainage</i> , 2019, 68, 808-821.	0.8	9
48	Analytical inversion of specific energy-depth relationship in channels with parabolic cross-sections. <i>Hydrological Sciences Journal</i> , 2011, 56, 834-840.	1.2	8
49	Simplified Accurate Solution for Design of Erodible Trapezoidal Channels. <i>Journal of Hydrologic Engineering - ASCE</i> , 2011, 16, 960-965.	0.8	8
50	Analytical solutions for Bingham plastic fluids in laminar regime. <i>Journal of Petroleum Science and Engineering</i> , 2011, 78, 596-600.	2.1	8
51	Discussion of "Modified Green-Ampt Infiltration Model for Steady Rainfall" by J. Almedeij and I. I. Esen. <i>Journal of Hydrologic Engineering - ASCE</i> , 2015, 20, .	0.8	8
52	Direct solutions for normal depth in parabolic and rectangular open channels using asymptotic matching technique. <i>Flow Measurement and Instrumentation</i> , 2015, 46, 66-71.	1.0	8
53	Power-law free overfall in subcritical flow regime. <i>Ain Shams Engineering Journal</i> , 2015, 6, 399-402.	3.5	8
54	Exact solutions for normal depth problem. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , 2007, 45, 567-571.	0.7	7

#	ARTICLE	IF	CITATIONS
55	A simplified direct method for finding optimal stable trapezoidal channels. <i>International Journal of River Basin Management</i> , 2011, 9, 85-92.	1.5	7
56	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> , 2016, 142, 07016016.	0.6	7
57	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> , 2018, 23, .	0.8	7
58	Stage" discharge equation for simple flumes with semi-cylinder contractions. <i>SN Applied Sciences</i> , 2020, 2, 1.	1.5	7
59	The lumped Muskingum flood routing model revisited: the storage relationship. <i>Hydrological Sciences Journal</i> , 2021, 66, 1625-1637.	1.2	7
60	Spatially varied flow in non-prismatic channels. II: numerical solution and experimental verification. <i>Irrigation and Drainage</i> , 2002, 51, 51-60.	0.8	6
61	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> , 2007, 133, 508-508.	0.6	6
62	Discussion of "Head-Discharge Equation for Sharp-Crested Polynomial Weir" by Raouf E. Baddour. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2009, 135, 393-395.	0.6	6
63	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> , 2010, 136, 73-75.	0.6	6
64	Improved explicit approximation of linear dispersion relationship for gravity waves: A discussion. <i>Coastal Engineering</i> , 2013, 78, 21-22.	1.7	6
65	Critical and Normal Depths in Semielliptical Channels. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2015, 141, 06015002.	0.6	6
66	New and improved hydraulic radius for channels of the second kind. <i>Ain Shams Engineering Journal</i> , 2015, 6, 767-773.	3.5	6
67	Non-linear Muskingum model with inflow-based exponent. <i>Water Management</i> , 2017, 170, 66-80.	0.4	6
68	Semi-circular flap gate as a flow metering structure in circular channels. <i>Flow Measurement and Instrumentation</i> , 2018, 64, 28-38.	1.0	6
69	Experimental modeling of flumes with two semi-cylinder contractions (free and submerged flows). <i>Flow Measurement and Instrumentation</i> , 2020, 76, 101844.	1.0	6
70	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> , 2020, 146, 07020009.	0.6	6
71	A Modified Perturbation Solution Procedure for Spatially-Variied Flows. <i>Canadian Water Resources Journal</i> , 2001, 26, 399-416.	0.5	5
72	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 [<i>Adv. Water Resour.</i> 32 (2009) 213"224]. <i>Advances in Water Resources</i> , 2009, 32, 963-964.	1.7	5

#	ARTICLE	IF	CITATIONS
73	Choke-free flow in trapezoidal channels. <i>Water Management</i> , 2010, 163, 439-445.	0.4	5
74	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> , 2012, 138, 852-854.	0.6	5
75	Full-Range Solution for the Theis Well Function. <i>Journal of Hydrologic Engineering - ASCE</i> , 2014, 19, 649-653.	0.8	5
76	New open channel with elliptic sides and horizontal bottom. <i>KSCE Journal of Civil Engineering</i> , 2014, 18, 1197-1204.	0.9	5
77	Analytical solution of gradually varied flow equation in circular channels using variable Manning coefficient. <i>Flow Measurement and Instrumentation</i> , 2015, 43, 53-58.	1.0	5
78	Flow through Partially Submerged Orifice. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2017, 143, 06017006.	0.6	5
79	Assessing Stage-Discharge Relationships for Circular Overflow Structure. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2018, 144, .	0.6	5
80	Stage-Discharge Relationship for Weir-Orifice Structure Located at the End of Circular Open Channels. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2020, 146, .	0.6	5
81	Analytical and experimental study of flow through elliptical side orifices. <i>Flow Measurement and Instrumentation</i> , 2020, 72, 101712.	1.0	5
82	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> , 2013, 139, 1051-1053.	0.6	4
83	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> , 2014, 140, 07014021.	0.6	4
84	Discussion of "Improved Nonlinear Muskingum Model with Variable Exponent Parameter" by Said M. Easa. <i>Journal of Hydrologic Engineering - ASCE</i> , 2014, 19, .	0.8	4
85	Explicit Equations for Uniform Flow Depth. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2017, 143, 06016016.	0.6	4
86	Explicit Solution for the Specific Flow Depths in Partially Filled Pipes. <i>Journal of Pipeline Systems Engineering and Practice</i> , 2017, 8, 06017004.	0.9	4
87	Stage-discharge relationship for slide gates installed in partially full pipes. <i>Flow Measurement and Instrumentation</i> , 2021, 77, 101838.	1.0	4
88	Discussion of "Cylindrical Central Baffle Flume for Flow Measurement in Open Channels" By Aniruddha D. Ghare, Ankur Kapoor, and Avinash M. Badar. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2021, 147, .	0.6	4
89	Discussion of "Direct Solution to Problems of Open-Channel Transitions: Rectangular Channels" by Abdulrahman Abdulrahman. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2009, 135, 704-704.	0.6	3
90	Direct solutions for design of grass-lined channels. <i>Water Management</i> , 2012, 165, 153-159.	0.4	3

#	ARTICLE	IF	CITATIONS
91	Alternative Solutions for Horizontal Circular Curves by Noniterative Methods. Journal of Surveying Engineering, - ASCE, 2013, 139, 111-119.	1.0	3
92	Accurate gradually varied flow model for water surface profile in circular channels. Ain Shams Engineering Journal, 2013, 4, 625-632.	3.5	3
93	Improved explicit approximation of linear dispersion relationship for gravity waves: Comment on another discussion. Coastal Engineering, 2013, 81, 30-31.	1.7	3
94	Discussion of "V-Shaped Multislit Weirs" by A. S. Ramamurthy, J. Kai, and S. S. Han. Journal of Irrigation and Drainage Engineering - ASCE, 2014, 140, 07014023.	0.6	3
95	Simplified procedure for determining of drop and stilling basin invert elevations. Ain Shams Engineering Journal, 2014, 5, 1-6.	3.5	3
96	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. Journal of Irrigation and Drainage Engineering - ASCE, 2015, 141, 07015003.	0.6	3
97	Discussion of "application of excel solver for parameter estimation of the nonlinear Muskingum models" by Reza Barati. KSCE Journal of Civil Engineering, 2015, 19, 332-336.	0.9	3
98	General Solution of Conjugate Depth Ratio (Power-Law Channels). Journal of Irrigation and Drainage Engineering - ASCE, 2017, 143, 06017009.	0.6	3
99	Comparison of Current Methods for the Evaluation of Einstein's Integrals. Journal of Hydraulic Engineering, 2017, 143, 06016026.	0.7	3
100	Normal depth and wetted perimeter in general power-law channels. Flow Measurement and Instrumentation, 2018, 64, 234-241.	1.0	3
101	Experimental study on rectangular cut-throated flume: Effects of flume walls slopes and channel longitudinal slope. Flow Measurement and Instrumentation, 2021, 79, 101919.	1.0	3
102	Discharge equation of semi-circular side weirs: An experimental study. Flow Measurement and Instrumentation, 2021, 81, 102041.	1.0	3
103	Discussion of "Improved Channel Cross Section with Two-Segment Parabolic Sides and Horizontal Bottom" by Said M. Easa. Journal of Irrigation and Drainage Engineering - ASCE, 2010, 136, 662-665.	0.6	2
104	Direct solutions for normal and critical depths in standard city-gate sections. Flow Measurement and Instrumentation, 2012, 28, 16-21.	1.0	2
105	Comment on "Direct solution for discharge in circular free overfall by Z. Ahmad, H. Md. Azamathulla" J. Hydrol., in press. doi: http://dx.doi.org/10.1016/j.jhydrol.2012.04.025 . Journal of Hydrology, 2012, 466-467, 185-187.	2.3	2
106	Limiting dimensions for trapezoidal channels and control notches (Design Aid). KSCE Journal of Civil Engineering, 2013, 17, 850-857.	0.9	2
107	Multiple Critical Depth Occurrence in Two-Stage Cross Sections: Effect of Side Slope Change. Journal of Hydrologic Engineering - ASCE, 2013, 18, 722-728.	0.8	2
108	Closure to "Simplified Accurate Solution for Design of Erodible Trapezoidal Channels" by Ali R. Vatankhah and Said M. Easa. Journal of Hydrologic Engineering - ASCE, 2013, 18, 617-618.	0.8	2

#	ARTICLE	IF	CITATIONS
109	Discussion of "Discharge Coefficients for Baffle-Sluice Gates" by P. K. Mishra, Wernher Brevis, and Cornelia Lang. Journal of Irrigation and Drainage Engineering - ASCE, 2014, 140, 07014011.	0.6	2
110	Briefing: Direct solution for water surface profile in circular channels. Water Management, 2014, 167, 311-317.	0.4	2
111	Calculating Discharge from Culverts under Inlet Control Using Stage at the Inlet. Journal of Irrigation and Drainage Engineering - ASCE, 2014, 140, 06013003.	0.6	2
112	Discussion of "Discharge Coefficients for Orifices Cut into Round Pipes" by Alex J. McLemore, John S. Tyner, Daniel C. Yoder, and John R. Buchanan. Journal of Irrigation and Drainage Engineering - ASCE, 2015, 141, 07015022.	0.6	2
113	Discussion of "Stage-Discharge Relationship for an Upstream Inclined Grid with Transversal Bars" by C. Di Stefano, and V. Ferro. Journal of Irrigation and Drainage Engineering - ASCE, 2016, 142, 07016007.	0.6	2
114	Discussion of "Hydraulic Characteristics of Flow over Sinusoidal Sharp-Crested Weirs" by Zahra Oreizi, Manouchehr Heidarpour, and Sara Bagheri. Journal of Irrigation and Drainage Engineering - ASCE, 2016, 142, 07015031.	0.6	2
115	Discussion of "Flow through Partially Submerged Orifice" by James C. Y. Guo and Ryan P. Stitt. Journal of Irrigation and Drainage Engineering - ASCE, 2018, 144, 07018022.	0.6	2
116	Discussion of "Assessing Stage-Discharge Relationships for Circular Overflow Structure" by M. Bijankhan and V. Ferro. Journal of Irrigation and Drainage Engineering - ASCE, 2018, 144, 07018033.	0.6	2
117	Closure to "Predicting Discharge Coefficient of Triangular Side Orifice under Free Flow Conditions" by Ali R. Vatankhah and S. H. Mirnia. Journal of Irrigation and Drainage Engineering - ASCE, 2019, 145, .	0.6	2
118	Closure to "Approximate Analytical Solutions for the Colebrook Equation" by Ali R. Vatankhah. Journal of Hydraulic Engineering, 2020, 146, 07019013.	0.7	2
119	Discharge Equation for Round Gates in Turnout Pipes: Dimensional Analysis and Theoretical Approaches. Journal of Irrigation and Drainage Engineering - ASCE, 2021, 147, .	0.6	2
120	Full-range pipe-flow equations. Journal of Hydraulic Research/De Recherches Hydrauliques, 2008, 46, 559-559.	0.7	1
121	Discussion of "Most Hydraulically Efficient Standard Lined Canal Sections" by David C. Froehlich. Journal of Irrigation and Drainage Engineering - ASCE, 2009, 135, 398-399.	0.6	1
122	Influence of Regulators in Controlling Upstream Water Depth. Journal of Irrigation and Drainage Engineering - ASCE, 2011, 137, 620-623.	0.6	1
123	Determination of drain pipe diameter using spatially varied flow theorem. Water Management, 2012, 165, 31-37.	0.4	1
124	Briefing: Non-iterative solution for positive surge waves. Water Management, 2012, 165, 147-152.	0.4	1
125	Discussion of "Groundwater Mound due to Artificial Recharge from Rectangular Areas" by Sushil K. Singh. Journal of Irrigation and Drainage Engineering - ASCE, 2013, 139, 785-789.	0.6	1
126	Depth-independent kinematic wave parameters for trapezoidal and power-law channels. Ain Shams Engineering Journal, 2013, 4, 173-183.	3.5	1

#	ARTICLE	IF	CITATIONS
127	Discussion: Hydraulic jump in arbitrary prismatic channel. <i>Water Management</i> , 2013, 166, 351-354.	0.4	1
128	Comment on "Quasi-theoretical end-depth" discharge relationship for trapezoidal channels. <i>Journal of Hydrology</i> , 2013, 477, 261-264.	2.3	1
129	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> , 2014, 140, 07014025.	0.6	1
130	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> , 2014, 140, 07014027.	0.6	1
131	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> , 2015, 20, 07015018.	0.8	1
132	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> , 2015, 141, 07014041.	0.6	1
133	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> , 2015, 141, 07014058.	0.6	1
134	Calibrating the Loss Coefficient of a Porous Plate. <i>Journal of Waterway, Port, Coastal and Ocean Engineering</i> , 2017, 143, .	0.5	1
135	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> , 2018, 144, 07018025.	0.6	1
136	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> , 2018, 144, 07018035.	0.6	1
137	Discussion of "Comparison of Current Methods for the Evaluation of Einstein's Integrals" by Kaveh Zamani, Fabián A. Bombardelli, and Babak Kamrani-Moghaddam. <i>Journal of Hydraulic Engineering</i> , 2018, 144, 07018016.	0.7	1
138	Discussion of "Explicit Solution for Flow Depth in Open Channels of Trapezoidal Cross-Sectional Area: Classic Problem of Interest" by Mohamed Elhakeem. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2018, 144, 07018018.	0.6	1
139	General free-flow discharge equation for Parshall flumes. <i>Water Management</i> , 2022, 175, 257-270.	0.4	1
140	Discussion of "Minimum Specific Energy and Critical Flow Conditions in Open Channels" by H. Chanson. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2008, 134, 882-883.	0.6	0
141	Discussion of "Simplified Design of Hydraulically Efficient Power-Law Channels with Freeboard" by Ahmed S. A. Hussein. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2009, 135, 396-397.	0.6	0
142	Discussion of "Effect of Channel Shape on Time of Travel and Equilibrium Detention Storage in Channel" by Tommy S. W. Wong. <i>Journal of Hydrologic Engineering - ASCE</i> , 2009, 14, 531-532.	0.8	0
143	Discussion of "Application of a Nonstandard Explicit Integration to Solve Green and Ampt Infiltration Equation" by Damodhara R. Mailapalli, Wesley W. Wallender, Rajendra Singh, and Narendra S. Raghuvanshi. <i>Journal of Hydrologic Engineering - ASCE</i> , 2009, 14, 1195-1195.	0.8	0
144	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> , 2012, 138, 854-855.	0.6	0

#	ARTICLE	IF	CITATIONS
145	Discussion of "Optimal Design of Horizontally Framed Miter Gates" by Matteo Camporese. Journal of Waterway, Port, Coastal and Ocean Engineering, 2014, 140, 07014001.	0.5	0
146	Closure to "Multiple Critical Depth Occurrence in Two-Stage Cross Sections: Effect of Side Slope Change" by Ali R. Vatankhah. Journal of Hydrologic Engineering - ASCE, 2014, 19, 07014002.	0.8	0
147	Closure to "Evaluation of Explicit Numerical Solution Methods of the Muskingum Model" by Ali R. Vatankhah. Journal of Hydrologic Engineering - ASCE, 2015, 20, 07015006.	0.8	0
148	Discussion of "Diverging Kinematic Wave Flow" by James C. Y. Guo and Eric S. C. Hsu. Journal of Irrigation and Drainage Engineering - ASCE, 2015, 141, 07015001.	0.6	0
149	Discussion of "Estimation of Critical Velocity for Slurry Transport through Pipeline Using Adaptive Neuro-Fuzzy Interference System and Gene-Expression Programming" by H. Md. Azamathulla and Z. Ahmad. Journal of Pipeline Systems Engineering and Practice, 2015, 6, 07014003.	0.9	0
150	Discussion of "Inductive Group Method of Data Handling Neural Network Approach to Model Basin Sediment Yield" by Vaibhav Garg. Journal of Hydrologic Engineering - ASCE, 2015, 20, 07015020.	0.8	0
151	Discussion of "Discharge Coefficient Analysis for Triangular Sharp-Crested Weirs Using Low-Speed Photographic Technique" by C. Bautista-Capetillo, O. Robles, H. Jnez-Ferreira, and E. Playn. Journal of Irrigation and Drainage Engineering - ASCE, 2015, 141, 07014065.	0.6	0
152	Discussion of "Design of Zero Slope Microirrigation Laterals: Effect of the Friction Factor Variation" by Sayed-Hossein Sadeghi, R. Troy Peters, and Freddie R. Lamm. Journal of Irrigation and Drainage Engineering - ASCE, 2016, 142, 07016005.	0.6	0
153	Discussion of "Reduction of Flow Separation and Energy Head Losses in Expansions Using a Hump" by A. Najafi-Nejad-Nasser and S. S. Li. Journal of Irrigation and Drainage Engineering - ASCE, 2016, 142, 07015032.	0.6	0
154	Discussion of "Physical and Numerical Modeling of Large Headwater Ratios for a 15 Labyrinth Spillway" by Bruce M. Savage, Brian M. Crookston, and Greg S. Paxson. Journal of Hydraulic Engineering, 2017, 143, 07017011.	0.7	0
155	Discussion of "Analytical Approach for Derivation of Oscillation-Free Altered Duration Unit Hydrographs" by P. R. Patil and S. K. Mishra. Journal of Hydrologic Engineering - ASCE, 2018, 23, 07018004.	0.8	0
156	Discussion of "Explicit Equations for Uniform Flow Depth" by Vito Ferro and Michele Sciacca. Journal of Irrigation and Drainage Engineering - ASCE, 2018, 144, 07018013.	0.6	0
157	Discussion of "Normal Depth Equations for Parabolic Open Channel Sections" by Prabhata K. Swamee and Pushpa N. Rathie. Journal of Irrigation and Drainage Engineering - ASCE, 2018, 144, 07018002.	0.6	0
158	Discussion of "Explicit Solution for the Specific Flow Depths in Partially Filled Pipes" by Mohamed Elhakeem and Ahmed Sattar. Journal of Pipeline Systems Engineering and Practice, 2018, 9, 07018003.	0.9	0
159	Discussion of "Calibrating the Loss Coefficient of a Porous Plate" by Patrick F. Cummins. Journal of Waterway, Port, Coastal and Ocean Engineering, 2018, 144, 07018001.	0.5	0
160	Discussion of "Rosette Diffusers for Dense Effluents in Flowing Currents" by Ozeair Abessi and Philip J. W. Roberts. Journal of Hydraulic Engineering, 2019, 145, 07019009.	0.7	0
161	Discussion of "Applying Hypothesis of Self-Similarity for Flow-Resistance Law in Calabrian Gravel-Bed Rivers" by Vito Ferro and Paolo Porto. Journal of Hydraulic Engineering, 2019, 145, 07019001.	0.7	0
162	Open-channel sections with constant kinematic wave parameters. ISH Journal of Hydraulic Engineering, 2020, 26, 319-324.	1.1	0

#	ARTICLE	IF	CITATIONS
163	Optimum simple and complex power-law channels. SN Applied Sciences, 2020, 2, 1.	1.5	0
164	Conjugate depths in partially filled sewers and pipes. Environmental Fluid Mechanics, 2021, 21, 605-617.	0.7	0
165	Discussion of "Analytical Methodology for the Discharge-Stage Relation of Flexible Shape Palmer-Bowlus Flumes" by Sara Todeschini, Sauro Manenti, Francesco Volponi, and Carlo Ciaponi. Journal of Irrigation and Drainage Engineering - ASCE, 2021, 147, 07021003.	0.6	0
166	Discussion of "Empirical Model for Shields Diagram and Its Applications" by Junke Guo. Journal of Hydraulic Engineering, 2021, 147, .	0.7	0
167	Discussion of "Expert System for Determining Discharge Coefficients for Inclined Slide Gates Using Genetic Programming" by Farzin Salmasi and John Abraham. Journal of Irrigation and Drainage Engineering - ASCE, 2021, 147, 07021016.	0.6	0
168	Discussion of "Stage-Discharge Rating Equation for an Elliptical Sharp-Crested Weir" by Amanda L. Cox, Emily G. Kullberg, Ken A. MacKenzie, and Christopher I. Thornton. Journal of Irrigation and Drainage Engineering - ASCE, 2022, 148, .	0.6	0
169	Discussion of "Testing the Stage-Discharge Relationship in Sloping SMBF Flumes" by Francesco Giuseppe Carollo and Vincenzo Pampalone. Journal of Irrigation and Drainage Engineering - ASCE, 2022, 148, .	0.6	0