

# Bachir Achour

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

106  
citations

1684188

5  
h-index

1474206

9  
g-index

21  
all docs

21  
docs citations

21  
times ranked

40  
citing authors

#	ARTICLE	IF	CITATIONS
1	GRNN-based models for hydraulic jumps in a straight rectangular compound channel. <i>Modeling Earth Systems and Environment</i> , 2022, 8, 1787-1798.	3.4	3
2	Flow measurement using a triangular broad crested weir theory and experimental validation. <i>Flow Measurement and Instrumentation</i> , 2022, 83, 102088.	2.0	7
3	Theoretical and experimental investigation of a lateral broad-crested contraction as a flow measurement device. <i>Flow Measurement and Instrumentation</i> , 2022, 86, 102175.	2.0	2
4	Modern vision for critical flow in an egg-shaped section. <i>Water Science and Technology</i> , 2021, 84, 840-850.	2.5	1
5	Approximate analytical solution for supercritical flow in rectangular curved channels. <i>Applied Mathematical Modelling</i> , 2020, 80, 191-203.	4.2	2
6	Quasi-2D model for computation of supercritical free surface flow in sudden expansion. <i>Applied Mathematical Modelling</i> , 2017, 46, 396-407.	4.2	2
7	The qanat of Algerian Sahara: an evolutionary hydraulic system. <i>Applied Water Science</i> , 2015, 5, 359-366.	5.6	6
8	Analytical Solution for Normal Depth Problem in a Vertical U-shaped Open Channel Using the Rough Model Method. <i>Journal of Scientific Research and Reports</i> , 2015, 6, 468-475.	0.2	1
9	Design of Pressurized Vaulted Rectangular Conduits Using the Rough Model Method (Part 2). <i>Advanced Materials Research</i> , 2014, 1025-1026, 24-31.	0.3	5
10	Design of a Pressurized Trapezoidal Shaped Conduit Using the Rough Model Method (Part 1). <i>Advanced Materials Research</i> , 2014, 945-949, 892-898.	0.3	4
11	Design of a Pressurized Circular Pipe with Benches Using the Rough Model Method (RMM). <i>Advanced Materials Research</i> , 2014, 960-961, 586-591.	0.3	4
12	Computation of Normal Depth in Horseshoe Shaped Tunnel Using the Rough Model Method. <i>Advanced Materials Research</i> , 2014, 1006-1007, 826-832.	0.3	1
13	Design of a Pressurized Trapezoidal Shaped Conduit Using the Rough Model Method (Part 2). <i>Applied Mechanics and Materials</i> , 2014, 580-583, 1828-1841.	0.2	5
14	Design of Pressurized Vaulted Rectangular Conduits Using the Rough Model Method. <i>Advanced Materials Research</i> , 2013, 779-780, 414-419.	0.3	4
15	The qanat of the Greatest Western Erg. <i>Journal - American Water Works Association</i> , 2013, 105, 104-107.	0.3	4
16	The Mzab foggara: an original technique for collecting the water rising. <i>Journal of Water and Land Development</i> , 2012, 16, 49-53.	0.9	11
17	Traditional techniques for increasing the discharge from qanats in Algeria. <i>Irrigation and Drainage Systems</i> , 2011, 25, 293-306.	0.5	3
18	Timimoun's foggara (Algeria): an heritage in danger. <i>Arabian Journal of Geosciences</i> , 2011, 4, 495-506.	1.3	25

#	ARTICLE	IF	CITATIONS
19	Jump flowmeter in a channel of triangular cross-section without weir. Journal of Hydraulic Research/De Recherches Hydrauliques, 1989, 27, 205-214.	1.7	11
20	Design of a Pressurized Rectangular-Shaped Conduit Using the Rough Model Method (Part 1). Applied Mechanics and Materials, 0, 641-642, 261-266.	0.2	1
21	Computation of Normal Depth in Trapezoidal Open Channel Using the Rough Model Method. Advanced Materials Research, 0, 955-959, 3231-3237.	0.3	4