

# A Burcu Altan-Sakarya

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

23  
papers

297  
citations

8  
h-index

17  
g-index

23  
ext. papers

347  
ext. citations

2  
avg, IF

3.27  
L-index

#	Paper	IF	Citations
23	Short-Term Flood Control and Long-Term Energy Maximization in Multi-reservoir Systems Using Improved Particle Swarm Optimization. <i>Water Resources Management</i> , <b>2021</b> , 35, 4293	3.7	1
22	Numerical modelling of contracted sharp-crested weirs and combined weir and gate systems. <i>Irrigation and Drainage</i> , <b>2020</b> , 69, 854-864	1.1	1
21	Optimal scheduling of booster disinfection in water distribution networks. <i>Civil Engineering and Environmental Systems</i> , <b>2017</b> , 34, 278-297	2.1	3
20	Experimental Investigation of the Original Project of Yukari Kalekoy Dam and Hydroelectric Power Plant Spillway. <i>Procedia Engineering</i> , <b>2016</b> , 161, 313-317		
19	Experimental Investigation of the Anti-Vortex Devices of Beyhan 1 Dam and Hydroelectric Power Plant Water Intake Structure. <i>Procedia Engineering</i> , <b>2016</b> , 161, 881-886		1
18	Weir velocity formulation for sharp-crested rectangular weirs. <i>Flow Measurement and Instrumentation</i> , <b>2015</b> , 41, 50-56	2.2	14
17	Chance Constrained Optimization of Booster Chlorination in Water Distribution Networks. <i>Clean - Soil, Air, Water</i> , <b>2015</b> , 43, 717-723	1.6	8
16	Assessment of sediment yield estimations for large watershed areas: a case study for the Seyhan, Demirköprü and Hirfanlı Reservoirs in Turkey. <i>Hydrological Sciences Journal</i> , <b>2015</b> , 60, 2189-2203	3.5	7
15	Optimum design of slurry pipelines by genetic algorithm. <i>Civil Engineering and Environmental Systems</i> , <b>2014</b> , 31, 311-330	2.1	1
14	Computation of discharge for simultaneous flow over weirs and below gates (H-weirs). <i>Flow Measurement and Instrumentation</i> , <b>2013</b> , 29, 32-38	2.2	13
13	Optimal dewatering of an excavation site. <i>Water Management</i> , <b>2012</b> , 165, 327-337	1	1
12	Local energy losses at positive and negative steps in subcritical open channel flows. <i>Water S A</i> , <b>2011</b> , 37,	1.3	3
11	Optimization of Multireservoir Systems by Genetic Algorithm. <i>Water Resources Management</i> , <b>2011</b> , 25, 1465-1487	3.7	69
10	Discharge formula for rectangular sharp-crested weirs. <i>Flow Measurement and Instrumentation</i> , <b>2011</b> , 22, 144-151	2.2	53
9	Application of a flow-measurement structure for sediment-laden streams. <i>Canadian Journal of Civil Engineering</i> , <b>2009</b> , 36, 1539-1543	1.3	
8	Numerical simulation of minimum B-jumps at abrupt drops. <i>International Journal for Numerical Methods in Fluids</i> , <b>2008</b> , 56, 1605-1623	1.9	5
7	Discussion of Uniform and Critical Flow Computations by Ramappa G. Patil, J. S. R. Murthy, and L. K. Ghosh. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2006</b> , 132, 634-634	1.1	

6	Performance of Slit Weir. <i>Journal of Hydraulic Engineering</i> , <b>2006</b> , 132, 987-989	1.8	16
5	Discussion of Generalized Head-Discharge Equation for Flow over Sharp-Crested Inclined Inverted V-Notch Weir by M. N. Shesha Prakash and A. V. Shivapur. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2006</b> , 132, 80-81	1.1	
4	Optimal lined channel design. <i>Canadian Journal of Civil Engineering</i> , <b>2006</b> , 33, 535-545	1.3	22
3	Closure to Optimal Operation of Water Distribution Pumps Considering Water Quality by A. Burcu Altan Sakarya and Larry W. Mays. <i>Journal of Water Resources Planning and Management - ASCE</i> , <b>2003</b> , 129, 82-82	2.8	3
2	Numerical simulation of A-type hydraulic jumps at positive steps. <i>Canadian Journal of Civil Engineering</i> , <b>2000</b> , 27, 805-813	1.3	7
1	Optimal Operation of Water Distribution Pumps Considering Water Quality. <i>Journal of Water Resources Planning and Management - ASCE</i> , <b>2000</b> , 126, 210-220	2.8	69