

Roger Powell

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7620741/publications.pdf>

Version: 2024-02-01

22
papers

332
citations

1478505

6
h-index

1125743

13
g-index

22
all docs

22
docs citations

22
times ranked

299
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimized pump scheduling in water distribution systems. Journal of Optimization Theory and Applications, 1994, 83, 463-488.	1.5	84
2	Optimal Pump Scheduling in Water Supply Systems with Maximum Demand Charges. Journal of Water Resources Planning and Management - ASCE, 2003, 129, 372-379.	2.6	77
3	Optimal design of meter placement in water distribution systems. International Journal of Systems Science, 1994, 25, 2155-2166.	5.5	38
4	Calibration and comparison of chlorine decay models for a test water distribution system. Water Research, 2000, 34, 2301-2309.	11.3	35
5	Constrained state estimation with applications in water distribution network monitoring. International Journal of Systems Science, 2001, 32, 807-816.	5.5	22
6	Simulation of Water Networks Containing Controlling Elements. Journal of Water Resources Planning and Management - ASCE, 1999, 125, 162-169.	2.6	14
7	GRIDCC. , 2007, , .		13
8	Quadratic programming for inverse kinematics control of a hexapod robot with inequality constraints. , 2016, , .		9
9	Conv1D Energy-Aware Path Planner for Mobile Robots in Unstructured Environments. , 2021, , .		8
10	The development of a combined water demand prediction system. Civil Engineering and Environmental Systems, 1991, 8, 231-236.	0.2	6
11	State Estimation in Water Networks: A Tutorial. Measurement and Control, 1999, 32, 101-104.	1.8	5
12	An Approach for Validation of Digital Anti-Forensic Evidence. Information Security Journal, 2011, 20, 219-230.	1.9	4
13	DMA Structured State-Estimation for Demand Monitoring. , 2000, , 1.		3
14	GRIDCC: A Real-Time Grid Workflow System with QoS. Scientific Programming, 2007, 15, 213-234.	0.7	3
15	Deep Learning Traversability Estimator for Mobile Robots in Unstructured Environments. Lecture Notes in Computer Science, 2021, , 203-213.	1.3	3
16	Deep Meta-Learning Energy-Aware Path Planner for Unmanned Ground Vehicles in Unknown Terrains. IEEE Access, 2022, 10, 30055-30068.	4.2	3
17	Water supply system reliability: concepts and measures. Civil Engineering and Environmental Systems, 1991, 8, 191-195.	0.2	2
18	Continuous landmines scanning using legged robot with manipulator arm over rough terrain. , 2017, , .		2

#	ARTICLE	IF	CITATIONS
19	Operational space control in hexapod robot for humanitarian demining applications. , 2017, , .		1
20	A technical drawing aid for blind students using stereo audio feedback. Transactions of the Institute of Measurement and Control, 1985, 7, 228-237.	1.7	0
21	LEAKAGE REDUCTION AND SECURITY ENHANCEMENT FOR WATER DISTRIBUTION NETWORKS BY ON-LINE PRESSURE CONTROL. Civil Engineering and Environmental Systems, 1993, 10, 55-75.	0.2	0
22	Security and redundancy in trunk main distribution networks. Water Science and Technology: Water Supply, 2003, 3, 103-109.	2.1	0