

Suribabu Cr

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4276249/publications.pdf>

Version: 2024-02-01

46
papers

525
citations

840776

11
h-index

677142

22
g-index

47
all docs

47
docs citations

47
times ranked

410
citing authors

#	ARTICLE	IF	CITATIONS
1	Design of water distribution networks using particle swarm optimization. Urban Water Journal, 2006, 3, 111-120.	2.1	132
2	Differential evolution algorithm for optimal design of water distribution networks. Journal of Hydroinformatics, 2010, 12, 66-82.	2.4	115
3	Land Use/Cover Change Detection of Tiruchirapalli City, India, Using Integrated Remote Sensing and GIS Tools. Journal of the Indian Society of Remote Sensing, 2012, 40, 699-708.	2.4	34
4	Evaluation of urban growth effects on surface runoff using SCS-CN method and Green-Ampt infiltration model. Earth Science Informatics, 2015, 8, 609-626.	3.2	31
5	Heuristic-Based Pipe Dimensioning Model for Water Distribution Networks. Journal of Pipeline Systems Engineering and Practice, 2012, 3, 115-124.	1.6	22
6	Resilience-based optimal design of water distribution network. Applied Water Science, 2017, 7, 4055-4066.	5.6	21
7	Statistical Analysis of 30 Years Rainfall Data: A Case Study. IOP Conference Series: Earth and Environmental Science, 2017, 80, 012067.	0.3	18
8	Particle Swarm Optimization Compared to Other Heuristic Search Techniques for Pipe Sizing. Journal of Environmental Informatics, 2006, 8, 1-9.	6.0	18
9	Method for Extended Period Simulation of Water Distribution Networks with Pressure Driven Demands. Water Resources Management, 2018, 32, 2837-2846.	3.9	17
10	Probability analysis for consecutive-day maximum rainfall for Tiruchirapalli City (south India, Asia). Applied Water Science, 2017, 7, 1033-1042.	5.6	14
11	Estimation of Surface Run-off for Urban Area Using Integrated Remote Sensing and GIS Approach. Jordan Journal of Civil Engineering, 2014, 8, 70-80.	0.2	12
12	DESIGN OF WATER DISTRIBUTION NETWORK BY A NON-ITERATIVE TWO-STAGE OPTIMIZATION. ISH Journal of Hydraulic Engineering, 2005, 11, 18-40.	2.1	10
13	Dynamic Pressure-Dependent Simulation of Water Distribution Networks Considering Volume-Driven Demands Based on Noniterative Application of EPANET 2. Journal of Water Resources Planning and Management - ASCE, 2020, 146, .	2.6	10
14	Evaluation of Moisture Level Using Precipitation Indices as a Landslide Triggering Factor – A Study of Coonor Hill Station. Climate, 2019, 7, 111.	2.8	9
15	Expansion and Upgradation of Intermittent Water Supply System. Asian Journal of Applied Sciences, 2014, 7, 470-485.	0.4	6
16	Crop Calendar Adjustment Study for Sathanur Irrigation System in India Using Genetic Algorithm. Water Resources Management, 2010, 24, 3835-3851.	3.9	5
17	Tracing the evidence of sea water intrusion in the coastal aquifer of Adhirampattinam, India, using hydro-chemical analysis. ISH Journal of Hydraulic Engineering, 2012, 18, 90-100.	2.1	5
18	Sizing of water distribution pipes based on performance measure and breakage-repair-replacement economics. ISH Journal of Hydraulic Engineering, 2012, 18, 241-251.	2.1	5

#	ARTICLE	IF	CITATIONS
19	Improved complementary reservoir solution to evaluate nodal outflow under pressure-deficient conditions. <i>ISH Journal of Hydraulic Engineering</i> , 2017, 23, 260-266.	2.1	5
20	Effects of Non-Zero Minimum Pressure Heads in Non-iterative Application of EPANET 2 in Pressure-Dependent Volume-Driven Analysis of Water Distribution Networks. <i>Water Resources Management</i> , 2020, 34, 5047-5059.	3.9	5
21	Rainfall Analyses of Coonoor Hill Station of Nilgiris District for Landslide Studies. <i>IOP Conference Series: Earth and Environmental Science</i> , 2017, 80, 012066.	0.3	4
22	Optimal Upgradation and Expansion of Existing Water Distribution Networks Using Differential Evolution Algorithm. <i>Asian Journal of Applied Sciences</i> , 2014, 7, 375-390.	0.4	4
23	Volume driven analysis for house level water supply assessment in an intermittent water supply system. <i>ISH Journal of Hydraulic Engineering</i> , 2023, 29, 459-467.	2.1	4
24	LOCATION AND SIZING OF SCOUR VALVES IN WATER DISTRIBUTION NETWORK. <i>ISH Journal of Hydraulic Engineering</i> , 2009, 15, 118-130.	2.1	3
25	Opportunity to restore irrigation tanks in the Cauvery delta by mining and deepening. <i>Environment, Development and Sustainability</i> , 2017, 19, 1463-1472.	5.0	3
26	Performance and technical valuation of candle-type ceramic filter for water purification. <i>International Journal of Energy and Water Resources</i> , 2020, 4, 37-45.	2.2	3
27	Optimal Location and Sizing of Scour Valves in Water Distribution Networks. <i>Journal of Pipeline Systems Engineering and Practice</i> , 2020, 11, 04019056.	1.6	2
28	Experimental Investigation on Performance of Stepped Cascade Aeration. <i>Asian Journal of Applied Sciences</i> , 2014, 7, 391-402.	0.4	2
29	Discussion of "Optimization of Fuzzified Hedging Rules for Multipurpose and Multireservoir Systems" by Iman Ahmadianfar, Arash Adib, and Mehrdad Taghian. <i>Journal of Hydrologic Engineering - ASCE</i> , 2017, 22, 07017005.	1.9	1
30	Discussion of "New Resilience Index for Urban Water Distribution Networks" by G. P. Cimellaro, A. Tinebra, C. Renschler, and M. Fragiadakis. <i>Journal of Structural Engineering</i> , 2017, 143, 07017001.	3.4	1
31	Assessment of dry and wet periods using selected rainfall-based drought indicators " a case study. <i>ISH Journal of Hydraulic Engineering</i> , 2021, 27, 301-308.	2.1	1
32	Discussion of "Simultaneous Optimization of Operating Rules and Rule Curves for Multireservoir Systems Using a Self-Adaptive Simulation-GA Model" by Ali Ahmadi Najl, Ali Haghghi, and Hossein Mohammad Vali Samani. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2018, 144, 07018003.	2.6	1
33	An alternate method for finding Probable Maximum Precipitation (PMP) for Indian monsoon precipitation. <i>ISH Journal of Hydraulic Engineering</i> , 2019, , 1-5.	2.1	1
34	Spatial Approach for Preliminary Design of Real Water Distribution Network. <i>Asian Journal of Applied Sciences</i> , 2014, 7, 414-423.	0.4	1
35	Discussion of "Evaluating Environmental Impact in Water Distribution System Design" by L. M. Herstein, Y. R. Fillion, and K. R. Hall. <i>Journal of Infrastructure Systems</i> , 2011, 17, 52-52.	1.8	0
36	Discussion of "Modeling of Flow Control Valves with a Nonzero Loss Coefficient" by N. B. Gorev, I. F. Kodzhespirov, and P. Sivakumar. <i>Journal of Hydraulic Engineering</i> , 2017, 143, 07017005.	1.5	0

#	ARTICLE	IF	CITATIONS
37	Water supply pipe dimensioning using hydraulic power dissipation. IOP Conference Series: Earth and Environmental Science, 2017, 80, 012064.	0.3	0
38	Discussion of "Systemic Approach for the Capacity Expansion of Multisource Water-Supply Systems under Uncertainty" by João Vieira and Maria Cunha. Journal of Water Resources Planning and Management - ASCE, 2017, 143, 07017002.	2.6	0
39	Sustainable Irrigation Allocation Model for Dry and Wet Periods using Reservoir Storage and Inflow. IOP Conference Series: Earth and Environmental Science, 2017, 80, 012072.	0.3	0
40	Discussion of "Hydraulic Simulation Techniques for Water Distribution Networks to Treat Pressure Deficient Conditions" by Ho Min Lee, Do Guen Yoo, Joong Hoon Kim, and Doosun Kang. Journal of Water Resources Planning and Management - ASCE, 2018, 144, 07017007.	2.6	0
41	Discussion of "Optimizing the Cross-Sectional Area of the Break Pressure Tanks" by N. N. Sontake, A. D. Vasudeo, A. D. Chare, and R. N. Ingle. Journal of Pipeline Systems Engineering and Practice, 2018, 9, 07018001.	1.6	0
42	Discussion of "New Pressure-Driven Approach for Modeling Water Distribution Networks" by Herman A. Mahmoud, Dragan Savić, and Zoran Kapelan. Journal of Water Resources Planning and Management - ASCE, 2018, 144, 07018005.	2.6	0
43	Closure to "Dynamic Pressure-Dependent Simulation of Water Distribution Networks Considering Volume-Driven Demands Based on Noniterative Application of EPANET 2" by P. Sivakumar, Nikolai B. Gorev, Tiku T. Tanyimboh, Inna F. Kodzhesspirova, C. R. Suribabu, and T. R. Neelakantan. Journal of Water Resources Planning and Management - ASCE, 2021, 147, 07021010.	2.6	0
44	Location-Specific Rainfall Threshold for Landslides in Select Micro-Watersheds in Coonoor Taluk, Tamil Nadu, India. Lecture Notes in Civil Engineering, 2022, , 515-524.	0.4	0
45	Effect of Water Distribution Network Pipes Size on Flow Rate of a House Connection and Its Hydraulic Analysis. Lecture Notes in Civil Engineering, 2022, , 257-263.	0.4	0
46	Discussion of "Simplified Pressure-Driven Analysis of Water Distribution Network and Resilience Estimation" by T. R. Neelakantan and K. Rohini. Journal of Water Resources Planning and Management - ASCE, 2022, 148, .	2.6	0