Suribabu Cr

List of Publications by Year
in descending order

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	Volume driven analysis for house level water supply assessment in an intermittent water supply system. ISH Journal of Hydraulic Engineering, 2023, 29, 459-467.	2.1	4
2	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
3	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
4	Discussion of â€œSimplified Pressure-Driven Analysis of Water Distribution Network and Resilience Estimationâ€•by T. R. Neelakantan and K. Rohini. Journal of Water Resources Planning and Management - ASCE, 2022, 148, .	2.6	0
5	Assessment of dry and wet periods using selected rainfall-based drought indicators â€" a case study. ISH Journal of Hydraulic Engineering, 2021, 27, 301-308.	2.1	1
6	Closure to â€œDynamic Pressure-Dependent Simulation of Water Distribution Networks Considering Volume-Driven Demands Based on Noniterative Application of EPANET 2â€•by P. Sivakumar, Nikolai B. Gorev, Tiku T. Tanyimboh, Inna F. Kodzhespirova, C. R. Suribabu, and T. R. Neelakantan. Journal of Water Resources Planning and Management - ASCE, 2021, 147, 07021010.	2.6	0
7	Performance and technical valuation of candle-type ceramic filter for water purification. International Journal of Energy and Water Resources, 2020, 4, 37-45.	2.2	3
8	Effects of Non-Zero Minimum Pressure Heads in Non-iterative Application of EPANET 2 in Pressure-Dependent Volume-Driven Analysis of Water Distribution Networks. Water Resources Management, 2020, 34, 5047-5059.	3.9	5
9	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
10	Optimal Location and Sizing of Scour Valves in Water Distribution Networks. Journal of Pipeline Systems Engineering and Practice, 2020, 11, 04019056.	1.6	2
11	An alternate method for finding Probable Maximum Precipitation (PMP) for Indian monsoon precipitation. ISH Journal of Hydraulic Engineering, 2019, , 1-5.	2.1	1
12	Evaluation of Moisture Level Using Precipitation Indices as a Landslide Triggering Factorâ€"A Study of Coonoor Hill Station. Climate, 2019, 7, 111.	2.8	9
13	Discussion of â€œHydraulic Simulation Techniques for Water Distribution Networks to Treat Pressure Deficient Conditionsâ€•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
14	Discussion of â€œOptimizing the Cross-Sectional Area of the Break Pressure Tanksâ€•by N. N. Sontake, A. D. Vasudeo, A. D. Ghare, and R. N. Ingle. Journal of Pipeline Systems Engineering and Practice, 2018, 9, 07018001.	1.6	0
15	Method for Extended Period Simulation of Water Distribution Networks with Pressure Driven Demands. Water Resources Management, 2018, 32, 2837-2846.	3.9	17
16	Discussion of â€œNew Pressure-Driven Approach for Modeling Water Distribution Networksâ€•by Herman A. Mahmoud, Dragan SaviÄ‡, and Zoran Kapelan. Journal of Water Resources Planning and Management - ASCE, 2018, 144, 07018005.	2.6	0
17	Discussion of â€œSimultaneous Optimization of Operating Rules and Rule Curves for Multireservoir Systems Using a Self-Adaptive Simulation-GA Modelâ€•by Ali Ahmadi Najl, Ali Haghighi, and Hossein Mohammad Vali Samani. Journal of Water Resources Planning and Management - ASCE, 2018, 144, 07018003.	2.6	1
18	Probability analysis for consecutive-day maximum rainfall for Tiruchirapalli City (south India, Asia). Applied Water Science, 2017, 7, 1033-1042.	5.6	14

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19	Improved complementary reservoir solution to evaluate nodal outflow under pressure-deficient conditions. ISH Journal of Hydraulic Engineering, 2017, 23, 260-266.	2.1	5
20	Resilience-based optimal design of water distribution network. Applied Water Science, 2017, 7, 4055-4066.	5.6	21
21	Discussion of â€œOptimization of Fuzzified Hedging Rules for Multipurpose and Multireservoir Systemsâ€• by Iman Ahmadianfar, Arash Adib, and Mehrdad Taghian. Journal of Hydrologic Engineering - ASCE, 2017, 22, 07017005.	1.9	1
22	Discussion of â€œNew Resilience Index for Urban Water Distribution Networksâ€•by G. P. Cimellaro, A. Tinebra, C. Renschler, and M. Fragiadakis. Journal of Structural Engineering, 2017, 143, 07017001.	3.4	1
23	Discussion of â€œModeling of Flow Control Valves with a Nonzero Loss Coefficientâ€•by N. B. Gorev, I. F. Kodzhespirov, and P. Sivakumar. Journal of Hydraulic Engineering, 2017, 143, 07017005.	1.5	0
24	Rainfall Analyses of Coonoor Hill Station of Nilgiris District for Landslide Studies. IOP Conference Series: Earth and Environmental Science, 2017, 80, 012066.	0.3	4
25	Water supply pipe dimensioning using hydraulic power dissipation. IOP Conference Series: Earth and Environmental Science, 2017, 80, 012064.	0.3	0
26	Opportunity to restore irrigation tanks in the Cauvery delta by mining and deepening. Environment, Development and Sustainability, 2017, 19, 1463-1472.	5.0	3
27	Statistical Analysis of 30 Years Rainfall Data: A Case Study. IOP Conference Series: Earth and Environmental Science, 2017, 80, 012067.	0.3	18
28	Discussion of â€œSystemic Approach for the Capacity Expansion of Multisource Water-Supply Systems under Uncertaintyâ€•by JoÃ£o Vieira and Maria Cunha. Journal of Water Resources Planning and Management - ASCE, 2017, 143, 07017002.	2.6	0
29	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
30	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
31	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
32	Optimal Upgradation and Expansion of Existing Water Distribution Networks Using Differential Evolution Algorithm. Asian Journal of Applied Sciences, 2014, 7, 375-390.	0.4	4
33	Experimental Investigation on Performance of Stepped Cascade Aeration. Asian Journal of Applied Sciences, 2014, 7, 391-402.	0.4	2
34	Expansion and Upgradation of Intermittent Water Supply System. Asian Journal of Applied Sciences, 2014, 7, 470-485.	0.4	6
35	Spatial Approach for Preliminary Design of Real Water Distribution Network. Asian Journal of Applied Sciences, 2014, 7, 414-423.	0.4	1
36	Heuristic-Based Pipe Dimensioning Model for Water Distribution Networks. Journal of Pipeline Systems Engineering and Practice, 2012, 3, 115-124.	1.6	22

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37	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
38	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
39	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
40	Discussion of â€œEvaluating Environmental Impact in Water Distribution System Designâ€•by L. M. Herstein, Y. R. Filion, and K. R. Hall. Journal of Infrastructure Systems, 2011, 17, 52-52.	1.8	0
41	Crop Calendar Adjustment Study for Sathanur Irrigation System in India Using Genetic Algorithm. Water Resources Management, 2010, 24, 3835-3851.	3.9	5
42	Differential evolution algorithm for optimal design of water distribution networks. Journal of Hydroinformatics, 2010, 12, 66-82.	2.4	115
43	LOCATION AND SIZING OF SCOUR VALVES IN WATER DISTRIBUTION NETWORK. ISH Journal of Hydraulic Engineering, 2009, 15, 118-130.	2.1	3
44	Design of water distribution networks using particle swarm optimization. Urban Water Journal, 2006, 3, 111-120.	2.1	132
45	Particle Swarm Optimization Compared to Other Heuristic Search Techniques for Pipe Sizing. Journal of Environmental Informatics, 2006, 8, 1-9.	6.0	18
46	DESIGN OF WATER DISTRIBUTION NETWORK BY A NON-ITERATIVE TWO-STAGE OPTIMIZATION. ISH Journal of Hydraulic Engineering, 2005, 11, 18-40.	2.1	10