

Kourosh Behzadian

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

922
citations

471371

17
h-index

477173

29
g-index

41
all docs

41
docs citations

41
times ranked

951
citing authors

#	ARTICLE	IF	CITATIONS
1	Applying a new systematic fuzzy FMEA technique for risk management in light steel frame systems. Journal of Asian Architecture and Building Engineering, 2022, 21, 2481-2502.	1.2	7
2	A critical review of real-time modelling of flood forecasting in urban drainage systems. Journal of Hydrology, 2022, 607, 127476.	2.3	49
3	An assessment of technological development and applications of decentralized water reuse: A critical review and conceptual framework. Wiley Interdisciplinary Reviews: Water, 2022, 9, .	2.8	15
4	A comprehensive framework for risk probability assessment of landfill fire incidents using fuzzy fault tree analysis. Chemical Engineering Research and Design, 2022, 163, 679-693.	2.7	22
5	A Scenario-Based Management of Water Resources and Supply Systems Using a Combined System Dynamics and Compromise Programming Approach. Water Resources Management, 2021, 35, 4233-4250.	1.9	12
6	Lignin modified PVDF membrane with antifouling properties for oil filtration. Journal of Water Process Engineering, 2021, 43, 102248.	2.6	8
7	Constructing a smart framework for supplying the biogas energy in green buildings using an integration of response surface methodology, artificial intelligence and petri net modelling. Energy Conversion and Management, 2021, 248, 114794.	4.4	51
8	Performance assessment of water reuse strategies using integrated framework of urban water metabolism and water-energy-pollution nexus. Environmental Science and Pollution Research, 2020, 27, 4582-4597.	2.7	45
9	Willingness to pay for improved solid waste management services and associated factors among urban households: One and one half bounded contingent valuation study in Bahir Dar city, Ethiopia. Cogent Environmental Science, 2020, 6, .	1.6	15
10	Comparative analysis of agricultural water pricing between Azarbaijan Provinces in Iran and the state of California in the US: A hydro-economic approach. Agricultural Water Management, 2019, 223, 105724.	2.4	19
11	Re-distributed manufacturing and the food-water-energy nexus: opportunities and challenges. Production Planning and Control, 2019, 30, 593-609.	5.8	13
12	Households' preferences for improved solid waste management options in Aksum city, North Ethiopia: An application of choice modelling. Cogent Environmental Science, 2019, 5, 1579456.	1.6	6
13	Closure to "Improving Prediction of Dam Failure Peak Outflow Using Neuroevolution Combined with K-Means Clustering" by Amir Hossein Eghbali, Kourosh Behzadian, Farhad Hooshyaripor, Raziye Farmani, and Andrew P. Duncan. Journal of Hydrologic Engineering - ASCE, 2018, 23, 07018007.	0.8	0
14	Can smart rainwater harvesting schemes result in the improved performance of integrated urban water systems?. Environmental Science and Pollution Research, 2018, 25, 19271-19282.	2.7	26
15	Optimal Operation of Water Distribution Systems Using a Graph Theory-Based Configuration of District Metered Areas. Journal of Water Resources Planning and Management - ASCE, 2018, 144, .	1.3	17
16	Reliability assessment for hybrid systems of advanced treatment units of industrial wastewater reuse using combined event tree and fuzzy fault tree analyses. Journal of Cleaner Production, 2018, 201, 958-973.	4.6	48
17	Metabolism-modelling approaches to long-term sustainability assessment of urban water services. Urban Water Journal, 2017, 14, 11-22.	1.0	35
18	Improving Prediction of Dam Failure Peak Outflow Using Neuroevolution Combined with K-Means Clustering. Journal of Hydrologic Engineering - ASCE, 2017, 22, .	0.8	14

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19	Pipe Failure Prediction in Water Distribution Systems Considering Static and Dynamic Factors. <i>Procedia Engineering</i> , 2017, 186, 117-126.	1.2	42
20	Optimal Rehabilitation of Water Distribution Systems Using a Cluster-Based Technique. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2017, 143, .	1.3	21
21	Pipeline failure prediction in water distribution networks using evolutionary polynomial regression combined with <i>K</i> -means clustering. <i>Urban Water Journal</i> , 2017, 14, 737-742.	1.0	41
22	Mitigation Options for Future Water Scarcity: A Case Study in Santa Cruz Island (Galapagos) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622	1.2	14
23	Decision support system for metabolism-based transition to urban water systems of tomorrow. <i>Water Science and Technology: Water Supply</i> , 2016, 16, 855-863.	1.0	4
24	Decision support system for the long-term city metabolism planning problem. <i>Water Science and Technology: Water Supply</i> , 2016, 16, 542-550.	1.0	4
25	The Local Nexus Network: Exploring the Future of Localised Food Systems and Associated Energy and Water Supply. <i>Smart Innovation, Systems and Technologies</i> , 2016, , 613-624.	0.5	8
26	COMPREHENSIVE RISK MANAGEMENT USING FUZZY FMEA AND MCDA TECHNIQUES IN HIGHWAY CONSTRUCTION PROJECTS. <i>Journal of Civil Engineering and Management</i> , 2016, 23, 300-310.	1.9	65
27	Rehabilitation of a Water Distribution System Using Sequential Multiobjective Optimization Models. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2016, 142, .	1.3	12
28	A Multi-objective Optimisation Approach to Optimising Water Allocation in Urban Water Systems. <i>Advances in Intelligent Systems and Computing</i> , 2016, , 447-457.	0.5	0
29	Advantages of integrated and sustainability based assessment for metabolism based strategic planning of urban water systems. <i>Science of the Total Environment</i> , 2015, 527-528, 220-231.	3.9	49
30	Modelling metabolism based performance of an urban water system using WaterMet2. <i>Resources, Conservation and Recycling</i> , 2015, 99, 84-99.	5.3	47
31	Estimation of peak outflow in dam failure using neural network approach under uncertainty analysis. <i>Water Resources</i> , 2015, 42, 721-734.	0.3	13
32	Selection of a Bridge Construction Site Using Fuzzy Analytical Hierarchy Process in Geographic Information System. <i>Arabian Journal for Science and Engineering</i> , 2014, 39, 4405-4420.	1.1	31
33	Urban Water System Metabolism Assessment Using WaterMet2 Model. <i>Procedia Engineering</i> , 2014, 70, 113-122.	1.2	17
34	Protective spur dike for scour mitigation of existing spur dikes. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , 2011, 49, 809-813.	0.7	21
35	Leakage Control in Water Distribution Networks by Using Optimal Pressure Management: A Case Study. , 2011, , .		4
36	Stochastic sampling design using a multi-objective genetic algorithm and adaptive neural networks. <i>Environmental Modelling and Software</i> , 2009, 24, 530-541.	1.9	123

#	ARTICLE	IF	CITATIONS
37	Verification of Sampling Design for Water Distribution Networks Calibration. , 2008, , .		0
38	A Comparative Study of Stochastic and Deterministic Sampling Design for Model Calibration. , 2008, , .		1
39	Leakage Management for Water Distribution System in GIS Environment. , 2006, , 1.		3