

Daeryong Park

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

545
citations

623734
14
h-index

713466
21
g-index

52
all docs

52
docs citations

52
times ranked

732
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of an analytical probabilistic model to estimate runoff event volumes in South Korea. <i>Journal of Hydrology</i> , 2022, 612, 128129.	5.4	6
2	Evaluation of drought propagations with multiple indices in the Yangtze River basin. <i>Journal of Environmental Management</i> , 2022, 317, 115494.	7.8	18
3	Prioritization in Strategic Environmental Assessment Using Fuzzy TOPSIS Method with Random Generation for Absent Information in South Korea. <i>Sustainability</i> , 2021, 13, 1458.	3.2	1
4	Unsupervised aided investigation on the associations between municipal solid waste characteristics and socio-economic conditions. <i>Environmental Research</i> , 2021, 194, 110633.	7.5	3
5	Insights from an Evaluation of Nitrate Load Estimation Methods in the Midwestern United States. <i>Sustainability</i> , 2021, 13, 7508.	3.2	0
6	Evaluation of Land-Use Changes Impact on Watershed Health Using Probabilistic Approaches. <i>Water (Switzerland)</i> , 2021, 13, 2348.	2.7	3
7	Insights into the Pollutant Removal Performance of Stormwater Green Infrastructures: A Case Study of Detention Basins and Retention Ponds. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 10104.	2.6	3
8	Correlation Analysis between Hydrologic Flow Metrics and Benthic Macroinvertebrates Index (BMI) in the Han River Basin, South Korea. <i>Sustainability</i> , 2021, 13, 11477.	3.2	6
9	Impacts of potential evapotranspiration on drought phenomena in different regions and climate zones. <i>Science of the Total Environment</i> , 2020, 703, 135590.	8.0	25
10	Development of Models for Prompt Responses from Natural Disasters. <i>Sustainability</i> , 2020, 12, 7803.	3.2	2
11	Comparison of Long Short-Term Memory and Weighted Regressions on Time, Discharge, and Season Models for Nitrate-N Load Estimation. <i>Sustainability</i> , 2020, 12, 5942.	3.2	2
12	Evaluation of Nitrate Load Estimations Using Neural Networks and Canonical Correlation Analysis with K-Fold Cross-Validation. <i>Sustainability</i> , 2020, 12, 400.	3.2	28
13	Uncertainty analysis of the relationship between discharge and nitrate concentration in the Lower Illinois River using a copula model. <i>Journal of Cleaner Production</i> , 2019, 222, 310-323.	9.3	6
14	Electrochemical Removal of Ammonium Nitrogen and COD of Domestic Wastewater using Platinum Coated Titanium as an Anode Electrode. <i>Energies</i> , 2019, 12, 883.	3.1	56
15	A new approach for river network classification based on the beta distribution of tributary junction angles. <i>Journal of Hydrology</i> , 2019, 572, 66-74.	5.4	19
16	Evaluation of Reliable Digital Elevation Model Resolution for TOPMODEL in Two Mountainous Watersheds, South Korea. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 3690.	2.5	5
17	Assessment of an MnCe-GAC Treatment Process for Tetramethylammonium-Contaminated Wastewater from Optoelectronic Industries. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4578.	2.5	5
18	Evaluation and modification of the Drought Severity Index (DSI) in East Asia. <i>Remote Sensing of Environment</i> , 2018, 209, 66-76.	11.0	32

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19	A new method for establishing hydrologic fidelity of snow depth measurements based on snowmelt–runoff hydrographs. <i>Hydrological Sciences Journal</i> , 2018, 63, 369-385.	2.6	1
20	Developing an Accessible Landslide Susceptibility Model Using Open-Source Resources. <i>Sustainability</i> , 2018, 10, 293.	3.2	13
21	Quantifying the Role of Large Floods in Riverine Nutrient Loadings Using Linear Regression and Analysis of Covariance. <i>Sustainability</i> , 2018, 10, 2876.	3.2	7
22	Sustainability Index Evaluation of the Rainwater Harvesting System in Six US Urban Cities. <i>Sustainability</i> , 2018, 10, 280.	3.2	11
23	Robust Decision-Making Technique for Strategic Environment Assessment with Deficient Information. <i>Water Resources Management</i> , 2018, 32, 4953-4970.	3.9	5
24	Drought Assessment with the Community Land Model for 1951–2010 in East Asia. <i>Sustainability</i> , 2018, 10, 2100.	3.2	5
25	Development of an ecological impact assessment model for dam construction. <i>Landscape and Ecological Engineering</i> , 2017, 13, 15-31.	1.5	5
26	Distribution of trace elements in flowing surface waters: Effect of seasons and anthropogenic practices in India. <i>International Journal of Environmental Analytical Chemistry</i> , 2017, 97, 637-656.	3.3	9
27	The effects of cold water released from dams on Zacco platypus gonad maturation in the Nakdong River, South Korea. <i>KSCE Journal of Civil Engineering</i> , 2017, 21, 1473-1483.	1.9	5
28	Spatial and Temporal Variations in Reference Crop Evapotranspiration in a Mountainous Island, Jeju, in South Korea. <i>Water (Switzerland)</i> , 2017, 9, 261.	2.7	3
29	Effects of different reference periods on drought index (SPEI) estimations from 1901 to 2014. <i>Hydrology and Earth System Sciences</i> , 2017, 21, 4989-5007.	4.9	34
30	Modeling of Turbidity Variation in Two Reservoirs Connected by a Water Transfer Tunnel in South Korea. <i>Sustainability</i> , 2017, 9, 993.	3.2	5
31	Assessing the Habitat Suitability of Dam Reservoirs: A Quantitative Model and Case Study of the Hantan River Dam, South Korea. <i>Sustainability</i> , 2016, 8, 1117.	3.2	3
32	Robust Priority for Strategic Environmental Assessment with Incomplete Information Using Multi-Criteria Decision Making Analysis. <i>Sustainability</i> , 2015, 7, 10233-10249.	3.2	15
33	Assessment of the environmental, social and economic benefits of a water transfer tunnel in the Nakdong River, Korea. <i>International Journal of Water Resources Development</i> , 2015, 31, 618-629.	2.0	6
34	Evaluation of acidity estimation methods for mine drainage, Pennsylvania, USA. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 4095.	2.7	5
35	Prioritizing alternatives in strategic environmental assessment (SEA) using VIKOR method with random sampling for data gaps. <i>Expert Systems With Applications</i> , 2015, 42, 8550-8556.	7.6	15
36	Reliability analysis for evaluation of factors affecting pollutant load reduction in urban stormwater BMP systems. <i>Environmental Modelling and Software</i> , 2015, 74, 130-139.	4.5	16

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37	Evaluation of a Depth-Based Multivariate<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M1"><mml:mrow><mml:mi>k</mml:mi></mml:mrow></mml:math>-Nearest Neighbor Resampling Method with Stormwater Quality Data. Mathematical Problems in Engineering, 2014, 2014, 1-7.	1.1	0
38	Analysis of a changing hydrologic flood regime using the Variable Infiltration Capacity model. Journal of Hydrology, 2014, 515, 267-280.	5.4	35
39	Evaluation of multi-use stormwater detention basins for improved urban watershed management. Hydrological Processes, 2014, 28, 1104-1113.	2.6	21
40	Effects of Surface Area and Inflow on the Performance of Stormwater Best Management Practices with Uncertainty Analysis. Water Environment Research, 2013, 85, 782-792.	2.7	7
41	Effect of the Seasonal Rainfall Distribution on Storm-Water Quality Capture Volume Estimation. Journal of Water Resources Planning and Management - ASCE, 2013, 139, 45-52.	2.6	18
42	Prediction of Acidity in Streams Affected by Mine Drainage. Chemistry Letters, 2013, 42, 1143-1145.	1.3	0
43	Evaluation of pollutant loads from stormwater BMPs to receiving water using load frequency curves with uncertainty analysis. Water Research, 2012, 46, 6881-6890.	11.3	37
44	Effect of connecting rain barrels on the storage size reduction. Hydrological Processes, 2012, 26, 3538-3551.	2.6	13
45	Performance Modeling of Storm Water Best Management Practices with Uncertainty Analysis. Journal of Hydrologic Engineering - ASCE, 2011, 16, 332-344.	1.9	19
46	Pollutant Load Evaluation in Stormwater Systems. , 2011, , .		0
47	Strategic environmental assessment for dam planning: a case study of South Korea's experience. Water International, 2010, 35, 397-408.	1.0	8
48	Modeling Performances of Detention Basins with Uncertainty Analysis. , 2009, , .		1
49	Multipurpose Detention Pond Design for Improved Watershed Management. , 2007, , 1.		0
50	Development of Urban Storm Sewer Optimal Layout Design Model Considering Risk. , 2006, , 1.		3
51	Improvement of the EXTRAN Block in Storm Water Management Model (SWMM4.4h). , 2006, , .		0