

Changhyun Choi

List of Publications by Year in descending order

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16
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1040056

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#	ARTICLE	IF	CITATIONS
1	Case study: On hydrological function improvement for an endemic plant habitat in Gangcheon wetland, Korea. <i>Ecological Engineering</i> , 2021, 160, 106028.	3.6	3
2	Deep Learning with Long Short Term Memory Based Sequence-to-Sequence Model for Rainfall-Runoff Simulation. <i>Water (Switzerland)</i> , 2021, 13, 437.	2.7	28
3	Multiple-Depth Soil Moisture Estimates Using Artificial Neural Network and Long Short-Term Memory Models. <i>Water (Switzerland)</i> , 2021, 13, 2584.	2.7	10
4	Prediction of Heavy Rain Damage Using Deep Learning. <i>Water (Switzerland)</i> , 2020, 12, 1942.	2.7	17
5	Estimating Design Floods at Ungauged Watersheds in South Korea Using Machine Learning Models. <i>Water (Switzerland)</i> , 2020, 12, 3022.	2.7	7
6	Modified hydrogeomorphic approach for estimating quantitative change of riverine wetland functions. <i>Ecological Engineering</i> , 2020, 152, 105876.	3.6	6
7	Development of Water Level Prediction Models Using Machine Learning in Wetlands: A Case Study of Upo Wetland in South Korea. <i>Water (Switzerland)</i> , 2020, 12, 93.	2.7	68
8	A Bayesian Network-Based Integrated for Flood Risk Assessment (InFRA). <i>Sustainability</i> , 2019, 11, 3733.	3.2	20
9	Development of Combined Heavy Rain Damage Prediction Models with Machine Learning. <i>Water (Switzerland)</i> , 2019, 11, 2516.	2.7	9
10	Development of Typhoon Damage Prediction Function Using a Logistic Distribution. <i>Korean Society of Hazard Mitigation</i> , 2019, 19, 105-113.	0.2	2
11	Development of Heavy Rain Damage Prediction Model Using Machine Learning Based on Big Data. <i>Advances in Meteorology</i> , 2018, 2018, 1-11.	1.6	45
12	Development of a Heavy Rain Damage Prediction Function by Risk Classification. <i>Korean Society of Hazard Mitigation</i> , 2018, 18, 503-512.	0.2	2
13	Damage Prediction Using Heavy Rain Risk Assessment: (1) Estimation of Heavy Rain Damage Risk Index. <i>Korean Society of Hazard Mitigation</i> , 2017, 17, 361-370.	0.2	9
14	Damage Prediction Using Heavy Rain Risk Assessment: (2) Development of Heavy Rain Damage Prediction Function. <i>Korean Society of Hazard Mitigation</i> , 2017, 17, 371-379.	0.2	14
15	Development of Heavy Rain Damage Prediction Function Using Statistical Methodology. <i>Korean Society of Hazard Mitigation</i> , 2017, 17, 331-338.	0.2	13
16	Development of Rainfall-Flood Damage Estimation Function using Nonlinear Regression Equation. <i>Journal of the Korean Society of Disaster Information</i> , 2016, 12, 74-88.	0.1	21