Changhyun Choi

List of Publications by Year
in descending order

16 papers	274 citations	1040056 9 h-index	940533 16 g-index
17 all docs	17 docs citations	17 times ranked	201 citing authors

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