Hyeonjun Kim

List of Publications by Year
in descending order

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22 papers	745 citations	933264 10 h-index	752573 20 g-index
22 all docs	22 docs citations	22 times ranked	1071 citing authors

#	Article	IF	Citations
1	Assessing the impact of urbanization on storm runoff in a peri-urban catchment using historical change in impervious cover. Journal of Hydrology, 2014, 515, 59-70.	2.3	346
2	Assessing the impacts of land use changes on watershed hydrology using MIKE SHE. Environmental Geology, 2009, 57, 231-239.	1.2	96
3	Application of Artificial Neural Networks to Rainfall Forecasting in the Geum River Basin, Korea. Water (Switzerland), 2018, 10, 1448.	1.2	60
4	Flood Risk and Vulnerability of Addis Ababa City Due to Climate Change and Urbanization. Procedia Engineering, 2016, 154, 696-702.	1.2	48
5	A comparison of two event-based flood models (ReFH-rainfall runoff model and HEC-HMS) at two Korean catchments, Bukil and Jeungpyeong. KSCE Journal of Civil Engineering, 2014, 18, 330-343.	0.9	46
6	Classification and evaluation of the documentary-recorded storm events in the Annals of the Choson Dynasty (1392â€“1910), Korea. Journal of Hydrology, 2015, 520, 387-396.	2.3	24
7	Stochastic analysis of soil moisture to understand spatial and temporal variations of soil wetness at a steep hillside. Journal of Hydrology, 2007, 341, 1-11.	2.3	22
8	Bivariate Frequency Analysis of Annual Maximum Rainfall Event Series in Seoul, Korea. Journal of Hydrologic Engineering - ASCE, 2014, 19, 1080-1088.	0.8	19
9	Does the Complexity of Evapotranspiration and Hydrological Models Enhance Robustness?. Sustainability, 2018, 10, 2837.	1.6	17
10	Simulation of soil moisture on a hillslope using multiple hydrologic models in comparison to field measurements. Journal of Hydrology, 2015, 523, 342-355.	2.3	11
11	Evidence and Implications of Nonlinear Flood Response in a Small Mountainous Watershed. Journal of Hydrologic Engineering - ASCE, 2016, 21, .	0.8	11
12	Effectiveness of introducing crop coefficient and leaf area index to enhance evapotranspiration simulations in hydrologic models. Hydrological Processes, 2019, 33, 2206-2226.	1.1	10
13	Medium-Term Rainfall Forecasts Using Artificial Neural Networks with Monte-Carlo Cross-Validation and Aggregation for the Han River Basin, Korea. Water (Switzerland), 2020, 12, 1743.	1.2	8
14	Monthly Precipitation Forecasting in the Han River Basin, South Korea, Using Large-Scale Teleconnections and Multiple Regression Models. Water (Switzerland), 2020, 12, 1590.	1.2	7
15	Assessment of hydrological changes in a river basin as affected by climate change and water management practices, by using the cat model. Irrigation and Drainage, 2016, 65, 26-35.	0.8	6
16	Analysis of Short-term Runoff Characteristics of CAT-PEST Connected Model using Different Infiltration Analysis Methods. Journal of the Korea Academia-Industrial Cooperation Society, 2016, 17, 26-41.	0.0	5
17	Impact of Groundwater Abstraction on Hydrological Responses during Extreme Drought Periods in the Boryeong Dam Catchment, Korea. Water (Switzerland), 2021, 13, 2132.	1.2	4
18	Comparison of annual maximum rainfall events of modern rain gauge data (1961â€“2010) and Chukwooki data (1777â€“1910) in Seoul, Korea. Journal of Water and Climate Change, 2018, 9, 58-73.	1.2	2

#	Article	IF	Citations
19	A review on ancient urban stream management for flood mitigation in the capital of the Joseon Dynasty, Korea. Journal of Hydro-Environment Research, 2019, 22, 14-18.	1.0	2
20	Reprint of â€œA review on ancient urban stream management for flood mitigation in the capital of the Joseon Dynasty, Koreaâ€• Journal of Hydro-Environment Research, 2019, 26, 14-18.	1.0	1
21	Evaluation of Evapotranspiration Inputs on the Performance and Parameters of Watershed Models. , 2017, , .		0
22	Hydrological Effects of Agricultural Water Supplies on Paddy Fields using Surfaceâ€“Groundwater Integrated Model. Water (Switzerland), 2022, 14, 460.	1.2	0