

Hyeonjun Kim

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

745
citations

933264

10
h-index

752573

20
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docs citations

22
times ranked

1071
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrological Effects of Agricultural Water Supplies on Paddy Fields using Surface-Groundwater Integrated Model. <i>Water (Switzerland)</i> , 2022, 14, 460.	1.2	0
2	Impact of Groundwater Abstraction on Hydrological Responses during Extreme Drought Periods in the Boryeong Dam Catchment, Korea. <i>Water (Switzerland)</i> , 2021, 13, 2132.	1.2	4
3	Monthly Precipitation Forecasting in the Han River Basin, South Korea, Using Large-Scale Teleconnections and Multiple Regression Models. <i>Water (Switzerland)</i> , 2020, 12, 1590.	1.2	7
4	Medium-Term Rainfall Forecasts Using Artificial Neural Networks with Monte-Carlo Cross-Validation and Aggregation for the Han River Basin, Korea. <i>Water (Switzerland)</i> , 2020, 12, 1743.	1.2	8
5	Effectiveness of introducing crop coefficient and leaf area index to enhance evapotranspiration simulations in hydrologic models. <i>Hydrological Processes</i> , 2019, 33, 2206-2226.	1.1	10
6	Reprint of "A review on ancient urban stream management for flood mitigation in the capital of the Joseon Dynasty, Korea". <i>Journal of Hydro-Environment Research</i> , 2019, 26, 14-18.	1.0	1
7	A review on ancient urban stream management for flood mitigation in the capital of the Joseon Dynasty, Korea. <i>Journal of Hydro-Environment Research</i> , 2019, 22, 14-18.	1.0	2
8	Comparison of annual maximum rainfall events of modern rain gauge data (1961-2010) and Chukwooki data (1777-1910) in Seoul, Korea. <i>Journal of Water and Climate Change</i> , 2018, 9, 58-73.	1.2	2
9	Does the Complexity of Evapotranspiration and Hydrological Models Enhance Robustness?. <i>Sustainability</i> , 2018, 10, 2837.	1.6	17
10	Application of Artificial Neural Networks to Rainfall Forecasting in the Geum River Basin, Korea. <i>Water (Switzerland)</i> , 2018, 10, 1448.	1.2	60
11	Evaluation of Evapotranspiration Inputs on the Performance and Parameters of Watershed Models. , 2017, , .		0
12	Evidence and Implications of Nonlinear Flood Response in a Small Mountainous Watershed. <i>Journal of Hydrologic Engineering - ASCE</i> , 2016, 21, .	0.8	11
13	Flood Risk and Vulnerability of Addis Ababa City Due to Climate Change and Urbanization. <i>Procedia Engineering</i> , 2016, 154, 696-702.	1.2	48
14	Assessment of hydrological changes in a river basin as affected by climate change and water management practices, by using the cat model. <i>Irrigation and Drainage</i> , 2016, 65, 26-35.	0.8	6
15	Analysis of Short-term Runoff Characteristics of CAT-PEST Connected Model using Different Infiltration Analysis Methods. <i>Journal of the Korea Academia-Industrial Cooperation Society</i> , 2016, 17, 26-41.	0.0	5
16	Simulation of soil moisture on a hillslope using multiple hydrologic models in comparison to field measurements. <i>Journal of Hydrology</i> , 2015, 523, 342-355.	2.3	11
17	Classification and evaluation of the documentary-recorded storm events in the Annals of the Choson Dynasty (1392-1910), Korea. <i>Journal of Hydrology</i> , 2015, 520, 387-396.	2.3	24
18	Bivariate Frequency Analysis of Annual Maximum Rainfall Event Series in Seoul, Korea. <i>Journal of Hydrologic Engineering - ASCE</i> , 2014, 19, 1080-1088.	0.8	19

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	Assessing the impacts of land use changes on watershed hydrology using MIKE SHE. Environmental Geology, 2009, 57, 231-239.	1.2	96
22	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