

Hiroshi Ishidaira

List of Publications by Year in descending order

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papers

551
citations

687363

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docs citations

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times ranked

693
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of River Basin Management in Madagascar and Lessons Learned from Japan. <i>Water (Switzerland)</i> , 2022, 14, 449.	2.7	3
2	Assessment of Sponge City Flood Control Capacity According to Rainfall Pattern Using a Numerical Model after Multi-Source Validation. <i>Water (Switzerland)</i> , 2022, 14, 769.	2.7	1
3	THE IMPACT OF CLIMATE CHANGE AND URBANIZATION ON FLOOD CONTROL CAPACITY OF SPONGE CITY. <i>Journal of Japan Society of Civil Engineers Ser G (Environmental Research)</i> , 2021, 77, I_17-I_25.	0.1	1
4	ANALYSIS OF FLOOD CHARACTERISTICS OF YANGTZE RIVER BASIN IN 2020 USING SATELLITE OBSERVATIONS. <i>Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering)</i> , 2021, 77, I_1465-I_1470.	0.1	1
5	ASSESSMENT OF THE FLOOD CONTROL CAPACITY AND COST EFFICIENCY OF SPONGE CITY CONSTRUCTION IN MIANYANG CITY, CHINA. <i>Journal of Japan Society of Civil Engineers Ser G (Environmental Research)</i> , 2020, 76, I_335-I_342.	0.1	4
6	Evaluation of the use of global satellite gauge and satellite-only precipitation products in stream flow simulations. <i>Applied Water Science</i> , 2019, 9, 1.	5.6	35
7	Exploring optimal tank size for rainwater harvesting systems in Asian tropical climates. <i>Hydrological Research Letters</i> , 2018, 12, 1-6.	0.5	4
8	Establishing flood damage functions for agricultural crops using estimated inundation depth and flood disaster statistics in data-scarce regions. <i>Hydrological Research Letters</i> , 2017, 11, 12-18.	0.5	14
9	Error Analysis and Evaluation of the Latest GSDMap and IMERG Precipitation Products over Eastern China. <i>Advances in Meteorology</i> , 2017, 2017, 1-16.	1.6	65
10	Assessment of the Latest GPM-Era High-Resolution Satellite Precipitation Products by Comparison with Observation Gauge Data over the Chinese Mainland. <i>Water (Switzerland)</i> , 2016, 8, 481.	2.7	59
11	IMPACT ASSESSMENT OF GORKHA EARTHQUAKE 2015 ON PORTABLE WATER SUPPLY IN KATHMANDU VALLEY: PRELIMINARY ANALYSIS. <i>Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering)</i> , 2016, 72, I_61-I_66.	0.1	9
12	Estimation of inundation depth using flood extent information and hydrodynamic simulations. <i>Hydrological Research Letters</i> , 2016, 10, 39-44.	0.5	18
13	Evaluation of water resources in mountainous region of Kathmandu Valley using high resolution satellite precipitation product. <i>Journal of Japan Society of Civil Engineers Ser G (Environmental)</i> Tj ETQq1 1 0.784314rgBT /Overlock		
14	Performance assessment of rainwater harvesting considering rainfall variations in Asian tropical monsoon climates. <i>Hydrological Research Letters</i> , 2016, 10, 27-33.	0.5	12
15	EVALUATION OF SATELLITE-GAUGE MERGING PRECIPITATION METHODS FOR RAINFALL RUNOFF SIMULATIONS. <i>Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering)</i> , 2015, 71, I_79-I_84.	0.1	5
16	Changes in Remotely Sensed Vegetation Growth Trend in the Heihe Basin of Arid Northwestern China. <i>PLoS ONE</i> , 2015, 10, e0135376.	2.5	13
17	CALIBRATING A HYDROLOGIC MODEL BY STEP-WISE METHOD USING GRACE TWS AND DISCHARGE DATA. <i>Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering)</i> , 2015, 71, I_85-I_90.	0.1	3
18	Estimating daily time series of streamflow using hydrological model calibrated based on satellite observations of river water surface width: Toward real world applications. <i>Environmental Research</i> , 2015, 139, 36-45.	7.5	45

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19	STATISTICAL DOWNSCALING OF GRACE-DERIVED TERRESTRIAL WATER STORAGE USING SATELLITE AND GLDAS PRODUCTS. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2014, 70, I_133-I_138.	0.1	17
20	EVALUATION OF POTENTIAL ERROR IN MEAN AREAL PRECIPITATION AND ITS IMPACT ON RAINFALL-RUNOFF SIMULATION USING SATELLITE PRECIPITATION PRODUCT. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2014, 70, I_199-I_204.	0.1	2
21	IMPACTS OF FUTURE FLOW REGIME ALTERATIONS ON IRON LOAD OCCURRENCE IN GIN RIVER, SRI LANKA. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2014, 70, I_127-I_132.	0.1	1
22	Development and Interpretation of New Sediment Rating Curve Considering the Effect of Vegetation Cover for Asian Basins. Scientific World Journal, The, 2013, 2013, 1-9.	2.1	12
23	Prospects for calibrating rainfall-runoff models using satellite observations of river hydraulic variables as surrogates for in situ river discharge measurements. Hydrological Processes, 2012, 26, 872-882.	2.6	14
24	Calibration of hydrological models in ungauged basins based on satellite radar altimetry observations of river water level. Hydrological Processes, 2012, 26, 3524-3537.	2.6	55
25	Grid-based distribution model for simulating runoff and soil erosion from a large-scale river basin. Hydrological Processes, 2010, 24, 641-653.	2.6	10
26	Evapotranspiration in the Mekong and Yellow river basins / Evapotranspiration dans les bassins du Mekong et du Fleuve Jaune. Hydrological Sciences Journal, 2009, 54, 623-638.	2.6	10
27	A BTOP model to extend TOPMODEL for distributed hydrological simulation of large basins. Hydrological Processes, 2008, 22, 3236-3251.	2.6	56
28	Investigation of the Mekong River basin hydrology for 1980-2000 using the YHyM. Hydrological Processes, 2008, 22, 1246-1256.	2.6	47
29	Estimating the evolution of vegetation cover and its hydrological impact in the Mekong River basin in the 21st century. Hydrological Processes, 2008, 22, 1395-1405.	2.6	25
30	AN IMPROVED FRAMEWORK FOR THE PARAMETERS REGIONALISATION OF HYDROLOGICAL MODEL. Proceedings of Hydraulic Engineering, 2007, 51, 43-48.	0.0	1