

Hiroshi Ishidaira

List of Publications by Year in descending order

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papers

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citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	A BTOP model to extend TOPMODEL for distributed hydrological simulation of large basins. <i>Hydrological Processes</i> , 2008, 22, 3236-3251.	2.6	56
4	Calibration of hydrological models in ungauged basins based on satellite radar altimetry observations of river water level. <i>Hydrological Processes</i> , 2012, 26, 3524-3537.	2.6	55
5	Investigation of the Mekong River basin hydrology for 1980â€“2000 using the YHyM. <i>Hydrological Processes</i> , 2008, 22, 1246-1256.	2.6	47
6	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
7	Evaluation of the use of global satelliteâ€“gauge and satellite-only precipitation products in stream flow simulations. <i>Applied Water Science</i> , 2019, 9, 1.	5.6	35
8	Estimating the evolution of vegetation cover and its hydrological impact in the Mekong River basin in the 21st century. <i>Hydrological Processes</i> , 2008, 22, 1395-1405.	2.6	25
9	Estimation of inundation depth using flood extent information and hydrodynamic simulations. <i>Hydrological Research Letters</i> , 2016, 10, 39-44.	0.5	18
10	STATISTICAL DOWNSCALING OF GRACE-DERIVED TERRESTRIAL WATER STORAGE USING SATELLITE AND GLDAS PRODUCTS. <i>Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering)</i> , 2014, 70, I_133-I_138.	0.1	17
11	Prospects for calibrating rainfallâ€“runoff models using satellite observations of river hydraulic variables as surrogates for in situ river discharge measurements. <i>Hydrological Processes</i> , 2012, 26, 872-882.	2.6	14
12	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
13	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
14	Development and Interpretation of New Sediment Rating Curve Considering the Effect of Vegetation Cover for Asian Basins. <i>Scientific World Journal, The</i> , 2013, 2013, 1-9.	2.1	12
15	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
16	Evapotranspiration in the Mekong and Yellow river basins / Evapotranspiration dans les bassins du Mekong et du Fleuve Jaune. <i>Hydrological Sciences Journal</i> , 2009, 54, 623-638.	2.6	10
17	Gridâ€“based distribution model for simulating runoff and soil erosion from a largeâ€“scale river basin. <i>Hydrological Processes</i> , 2010, 24, 641-653.	2.6	10
18	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

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19	Evaluation of water resources in mountainous region of Kathmandu Valley using high resolution satellite precipitation product. Journal of Japan Society of Civil Engineers Ser G (Environmental) Tj ETQq1 1 0.7843141rgBT /Overlock 10	0.1	5
20	EVALUATION OF SATELLITE-GAUGE MERGING PRECIPITATION METHODS FOR RAINFALL RUNOFF SIMULATIONS. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2015, 71, I_79-I_84.	0.1	5
21	Exploring optimal tank size for rainwater harvesting systems in Asian tropical climates. Hydrological Research Letters, 2018, 12, 1-6.	0.5	4
22	ASSESSMENT OF THE FLOOD CONTROL CAPACITY AND COST EFFICIENCY OF SPONGE CITY CONSTRUCTION IN MIANYANG CITY, CHINA. Journal of Japan Society of Civil Engineers Ser G (Environmental Research), 2020, 76, I_335-I_342.	0.1	4
23	CALIBRATING A HYDROLOGIC MODEL BY STEP-WISE METHOD USING GRACE TWS AND DISCHARGE DATA. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2015, 71, I_85-I_90.	0.1	3
24	Analysis of River Basin Management in Madagascar and Lessons Learned from Japan. Water (Switzerland), 2022, 14, 449.	2.7	3
25	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
26	AN IMPROVED FRAMEWORK FOR THE PARAMETERS REGIONALISATION OF HYDROLOGICAL MODEL. Proceedings of Hydraulic Engineering, 2007, 51, 43-48.	0.0	1
27	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
28	THE IMPACT OF CLIMATE CHANGE AND URBANIZATION ON FLOOD CONTROL CAPACITY OF SPONGE CITY. Journal of Japan Society of Civil Engineers Ser G (Environmental Research), 2021, 77, I_17-I_25.	0.1	1
29	ANALYSIS OF FLOOD CHARACTERISTICS OF YANGTZE RIVER BASIN IN 2020 USING SATELLITE OBSERVATIONS. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2021, 77, I_1465-I_1470.	0.1	1
30	Assessment of Sponge City Flood Control Capacity According to Rainfall Pattern Using a Numerical Model after Multi-Source Validation. Water (Switzerland), 2022, 14, 769.	2.7	1