

Taikan Oki

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

279
papers

18,908
citations

60
h-index

134
g-index

309
ext. papers

21,365
ext. citations

4.4
avg, IF

6.72
L-index

#	Paper	IF	Citations
279	Toward hyper-resolution global hydrological models including human activities: application to Kyushu island, Japan. <i>Hydrology and Earth System Sciences</i> , 2022 , 26, 1953-1975	5.5	3
278	Short History and Future Prospects of Global Hydrology. <i>Trends in the Sciences</i> , 2022 , 27, 1_12-1_16	0	
277	Applicability of a nationwide flood forecasting system for Typhoon Hagibis 2019. <i>Scientific Reports</i> , 2021 , 11, 10213	4.9	8
276	A review of climate-change impact and adaptation studies for the water sector in Thailand. <i>Environmental Research Letters</i> , 2021 , 16, 023004	6.2	11
275	Optimal Multi-Sectoral Water Resources Allocation Based on Economic Evaluation Considering the Environmental Flow Requirements: A Case Study of Yellow River Basin. <i>Water (Switzerland)</i> , 2021 , 13, 2253	3	1
274	Development of a coupled simulation framework representing the lake and river continuum of mass and energy (TCHOIR v1.0). <i>Geoscientific Model Development</i> , 2021 , 14, 5669-5693	6.3	1
273	Global integrated modeling framework of riverine dissolved inorganic nitrogen with seasonal variation. <i>Hydrological Research Letters</i> , 2021 , 15, 50-57	1.3	0
272	TOWARD THE GLOBAL-SCALE ESTIMATION OF WATER RESOURCES WITH A COUPLED MODEL FRAMEWORK OF HYDRO- AND THERMODYNAMICS IN RIVERS AND LAKES. <i>Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering)</i> , 2021 , 77, 1_241-1_246	0.1	
271	BASIN-SCALE EVALUATION OF WATER DEMAND AND SUPPLY CONSIDERING URBAN WATER INTAKE AND DRAINAGE SYSTEM BY USING THE H08 GLOBAL HYDROLOGICAL MODEL. <i>Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering)</i> , 2021 , 77, 1_205-1_210	0.1	1
270	Using the sectoral and statistical demand to availability index to assess freshwater scarcity risk and effect of water resource management. <i>Journal of Hydrology X</i> , 2020 , 8, 100058	4.6	3
269	The Water Planetary Boundary: Interrogation and Revision. <i>One Earth</i> , 2020 , 2, 223-234	8.1	43
268	Water Governance Contribution to Water and Sanitation Access Equality in Developing Countries. <i>Water Resources Research</i> , 2020 , 56, e2019WR025330	5.4	13
267	Advancing Precipitation Estimation, Prediction, and Impact Studies. <i>Bulletin of the American Meteorological Society</i> , 2020 , 101, E1584-E1592	6.1	8
266	Reconstructing the pristine flow of highly developed rivers: a case study on the Chao Phraya River. <i>Hydrological Research Letters</i> , 2020 , 14, 89-96	1.3	0
265	Hydrosphere—the Water Realm Which Supports Human Life. <i>Advances in Geological Science</i> , 2020 , 39-46	0.1	
264	World Water Resources at Stake. <i>Advances in Geological Science</i> , 2020 , 89-95	0.1	1
263	Economically challenged and water scarce: identification of global populations most vulnerable to water crises. <i>International Journal of Water Resources Development</i> , 2020 , 36, 416-428	3	29

262	Illuminating water cycle modifications and Earth system resilience in the Anthropocene. <i>Water Resources Research</i> , 2020 , 56, e2019WR024957	5.4	42
261	Dependence of economic impacts of climate change on anthropogenically directed pathways. <i>Nature Climate Change</i> , 2019 , 9, 737-741	21.4	22
260	Development of a Global River Water Temperature Model Considering Fluvial Dynamics and Seasonal Freeze-Thaw Cycle. <i>Water Resources Research</i> , 2019 , 55, 1366-1383	5.4	7
259	How global targets on drinking water were developed and achieved. <i>Nature Sustainability</i> , 2019 , 2, 429-434	22.1	22
258	Event-to-event intensification of the hydrologic cycle from 1.5 °C to a 2 °C warmer world. <i>Scientific Reports</i> , 2019 , 9, 3483	4.9	42
257	Observed controls on resilience of groundwater to climate variability in sub-Saharan Africa. <i>Nature</i> , 2019 , 572, 230-234	50.4	92
256	Foreword by Prof. Taikan OKI of the United Nations University (UNU) for the Journal of the International Consortium on Landslides. <i>Landslides</i> , 2019 , 16, 2299-2300	6.6	1
255	DEVELOPMENT OF GLOBAL TERRESTRIAL MODEL CONSIDERING SATURATED LATERAL FLOW. <i>Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering)</i> , 2019 , 75, I_265-I_270	0.1	
254	Sensitivity of Global Hydrological Simulations to Groundwater Capillary Flux Parameterizations. <i>Water Resources Research</i> , 2019 , 55, 402-425	5.4	9
253	Visualizing the Interconnections Among Climate Risks. <i>Earth's Future</i> , 2019 , 7, 85-100	7.9	13
252	Towards the incorporation of tipping elements in global climate risk management: probability and potential impacts of passing a threshold. <i>Sustainability Science</i> , 2018 , 13, 315-328	6.4	5
251	The WULCA consensus characterization model for water scarcity footprints: assessing impacts of water consumption based on available water remaining (AWARE). <i>International Journal of Life Cycle Assessment</i> , 2018 , 23, 368-378	4.6	282
250	Impacts of climate and land use changes on river discharge in a small watershed: a case study of the Lam Chi subwatershed, northeast Thailand. <i>Hydrological Research Letters</i> , 2018 , 12, 7-13	1.3	6
249	Global Water Risk Management and the Limits of the Planetary Boundary. <i>Trends in the Sciences</i> , 2018 , 23, 3_70-3_73	0	
248	DETERMINANTS OF WATER TEMPERATURE IN THE RIVERS OVER LOW-LATITUDE REGIONS. <i>Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering)</i> , 2018 , 74, I_583-I_588	0.1	
247	DEVELOPMENT OF GLOBAL TERRESTRIAL MODEL INCLUDING SUB-GRID HILLSLOPE PROCESSES. <i>Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering)</i> , 2018 , 74, I_991-I_996	0.1	
246	The Effect of Global Warming on Future Water Availability: CMIP5 Synthesis. <i>Water Resources Research</i> , 2018 , 54, 7791-7819	5.4	21
245	How Inter-Basin Transfer of Water Alters Basin Water Stress Used for Water Footprint Characterization. <i>Environments - MDPI</i> , 2018 , 5, 105	3.2	2

244	Precipitation Redistribution Method for Regional Simulations of Radioactive Material Transport During the Fukushima Daiichi Nuclear Power Plant Accident. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018 , 123, 10,248	4.4	1
243	Worldwide evaluation of mean and extreme runoff from six global-scale hydrological models that account for human impacts. <i>Environmental Research Letters</i> , 2018 , 13, 065015	6.2	59
242	Paradigm Shifts on Flood Risk Management in Japan: Detecting Triggers of Design Flood Revisions in the Modern Era. <i>Water Resources Research</i> , 2018 , 54, 5504-5515	5.4	14
241	Economic aspects of virtual water trade. <i>Environmental Research Letters</i> , 2017 , 12, 044002	6.2	34
240	Water scarcity hotspots travel downstream due to human interventions in the 20th and 21st century. <i>Nature Communications</i> , 2017 , 8, 15697	17.4	177
239	Hydrologic Cycle 2017 , 1-12		0
238	Water scarcity assessments in the past, present and future. <i>Earth's Future</i> , 2017 , 5, 545-559	7.9	275
237	Human-Water interface in hydrological modelling: current status and future directions. <i>Hydrology and Earth System Sciences</i> , 2017 , 21, 4169-4193	5.5	114
236	Decontamination Reduces Radiation Anxiety and Improves Subjective Well-Being after the Fukushima Accident. <i>Tohoku Journal of Experimental Medicine</i> , 2017 , 241, 103-116	2.4	14
235	Evapotranspiration seasonality across the Amazon Basin. <i>Earth System Dynamics</i> , 2017 , 8, 439-454	4.8	46
234	Impacts of spatial resolution and representation of flow connectivity on large-scale simulation of floods. <i>Hydrology and Earth System Sciences</i> , 2017 , 21, 5143-5163	5.5	27
233	Multi-Algorithm Indices and Look-Up Table for Chlorophyll-a Retrieval in Highly Turbid Water Bodies Using Multispectral Data. <i>Remote Sensing</i> , 2017 , 9, 556	5	14
232	Understanding the LCA and ISO water footprint: A response to Hoekstra (2016) "A critique on the water-scarcity weighted water footprint in LCA". <i>Ecological Indicators</i> , 2017 , 72, 352-359	5.8	135
231	Relative contributions of weather systems to mean and extreme global precipitation. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017 , 122, 152-167	4.4	31
230	Chronological Development of Terrestrial Mean Precipitation. <i>Bulletin of the American Meteorological Society</i> , 2017 , 98, 2411-2428	6.1	7
229	Evaluation of MERIS Chlorophyll-a Retrieval Processors in a Complex Turbid Lake Kasumigaura over a 10-Year Mission. <i>Remote Sensing</i> , 2017 , 9, 1022	5	18
228	Assessment of Chlorophyll-a Algorithms Considering Different Trophic Statuses and Optimal Bands. <i>Sensors</i> , 2017 , 17,	3.8	16
227	Catchment-Scale Water Management of Wastewater Treatment in an Urban Sewerage System with CO2 Emission Assessment. <i>Science for Sustainable Societies</i> , 2017 , 151-163	0.4	

226	STUDY OF THE ROLE OF INUNDATION ON RIVER WATER TEMPERATURE WITH A NUMERICAL MODEL. <i>Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering)</i> , 2017 , 73, I_1213-I_1218	0.1	0
225	VALIDATION OF RIVER DISCHARGE FROM A TERRESTRIAL MODEL WITH 1KM RESOLUTION OVER JAPAN. <i>Journal of Japan Society of Civil Engineers Ser G (Environmental Research)</i> , 2017 , 73, I_71-I_79	0.1	1
224	Which weather systems are projected to cause future changes in mean and extreme precipitation in CMIP5 simulations?. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016 , 121, 10,522-10,537	4.4	14
223	IMPACT ASSESSMENT OF HIGH RESOLUTION RIVER INUNDATION PROCESSES IN A CLIMATE MODEL. <i>Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering)</i> , 2016 , 72, I_115-I_120	0.1	
222	Water Resources Management and Adaptation to Climate Change. <i>Water Resources Development and Management</i> , 2016 , 27-40	0.1	2
221	Evaluation of Risk Perception and Risk-Comparison Information Regarding Dietary Radionuclides after the 2011 Fukushima Nuclear Power Plant Accident. <i>PLoS ONE</i> , 2016 , 11, e0165594	3.7	36
220	Evaluating the Diurnal Cycle of Precipitation Representation in West African Monsoon Region with Different Convection Schemes 2016 , 169-191		
219	Variations of global and continental water balance components as impacted by climate forcing uncertainty and human water use. <i>Hydrology and Earth System Sciences</i> , 2016 , 20, 2877-2898	5.5	107
218	Statistical model for economic damage from pluvial floods in Japan using rainfall data and socioeconomic parameters. <i>Natural Hazards and Earth System Sciences</i> , 2016 , 16, 1063-1077	3.9	10
217	The Land Surface, Snow and Soil moisture Model Intercomparison Program (LS3MIP): aims, set-up and expected outcome 2016 ,		4
216	LS3MIP (v1.0) contribution to CMIP6: the Land Surface, Snow and Soil moisture Model Intercomparison Project aims, setup and expected outcome. <i>Geoscientific Model Development</i> , 2016 , 9, 2809-2832	6.3	98
215	Potential Impacts of Food Production on Freshwater Availability Considering Water Sources. <i>Water (Switzerland)</i> , 2016 , 8, 163	3	8
214	How Achieving the Millennium Development Goals Increases Subjective Well-Being in Developing Nations. <i>Sustainability</i> , 2016 , 8, 189	3.6	7
213	Pre-Monsoon Rain and Its Relationship with Monsoon Onset over the Indochina Peninsula. <i>Frontiers in Earth Science</i> , 2016 , 4,	3.5	6
212	The Effects of Five Forms of Capital on Thought Processes Underlying Water Consumption Behavior in Suburban Vientiane. <i>Sustainability</i> , 2016 , 8, 538	3.6	4
211	Long-distance transport of radioactive plume by nocturnal local winds. <i>Scientific Reports</i> , 2016 , 6, 36584	4.9	7
210	Occurrence and partition ratios of radiocesium in an urban river during dry and wet weather after the 2011 nuclear accident in Fukushima. <i>Water Research</i> , 2016 , 92, 87-93	12.5	10
209	Macroscale Hydrological Modeling and Global Water Balance. <i>Geophysical Monograph Series</i> , 2016 , 1-16	1.1	1

208	Modeling the Role of Vegetation in Hydrological Responses to Climate Change. <i>Geophysical Monograph Series</i> , 2016 , 193-208	1.1	6
207	Estimating Virtual Water Contents Using a Global Hydrological Model. <i>Geophysical Monograph Series</i> , 2016 , 209-228	1.1	3
206	Historical and Future Changes in Streamflow and Continental Runoff. <i>Geophysical Monograph Series</i> , 2016 , 17-37	1.1	52
205	Changes in the Global Terrestrial Water Cycle. <i>Geophysical Monograph Series</i> , 2016 , 39-54	1.1	1
204	Human-Induced Changes in the Global Water Cycle. <i>Geophysical Monograph Series</i> , 2016 , 55-69	1.1	9
203	Impacts of Groundwater Pumping on Regional and Global Water Resources. <i>Geophysical Monograph Series</i> , 2016 , 71-101	1.1	3
202	Land Use/Cover Change Impacts on Hydrology in Large River Basins. <i>Geophysical Monograph Series</i> , 2016 , 103-134	1.1	6
201	Drivers of Change in Managed Water Resources. <i>Geophysical Monograph Series</i> , 2016 , 167-191	1.1	1
200	Incorporation of groundwater pumping in a global Land Surface Model with the representation of human impacts. <i>Water Resources Research</i> , 2015 , 51, 78-96	5.4	131
199	Re-evaluation of future water stress due to socio-economic and climate factors under a warming climate. <i>Hydrological Sciences Journal</i> , 2015 , 60, 14-29	3.5	26
198	The Diurnal Cycle of Precipitation in Regional Spectral Model Simulations over West Africa: Sensitivities to Resolution and Cumulus Schemes. <i>Weather and Forecasting</i> , 2015 , 30, 424-445	2.1	18
197	Integrating risks of climate change into water management. <i>Hydrological Sciences Journal</i> , 2015 , 60, 4-13.5	3.5	90
196	Disruption of hydroecological equilibrium in southwest Amazon mediated by drought. <i>Geophysical Research Letters</i> , 2015 , 42, 7546-7553	4.9	25
195	SIMULATION OF RADIOACTIVE TRACER TRANSPORT USING ISORSM AND UNCERTAINTY ANALYSES. <i>Journal of Japan Society of Civil Engineers</i> , 2015 , 3, 60-66	0.3	3
194	FluxPro as a realtime monitoring and surveilling system for eddy covariance flux measurement. <i>J Agricultural Meteorology</i> , 2015 , 71, 32-50	1.1	9
193	Water Scarcity Footprints by Considering the Differences in Water Sources. <i>Sustainability</i> , 2015 , 7, 9753-9772	3.7	35
192	Was the Risk from Nursing-Home Evacuation after the Fukushima Accident Higher than the Radiation Risk?. <i>PLoS ONE</i> , 2015 , 10, e0137906	3.7	45
191	A framework for the cross-sectoral integration of multi-model impact projections: land use decisions under climate impacts uncertainties. <i>Earth System Dynamics</i> , 2015 , 6, 447-460	4.8	29

190	Representing Variability in Subgrid Snow Cover and Snow Depth in a Global Land Model: Offline Validation. <i>Journal of Climate</i> , 2014 , 27, 3318-3330	4.4	40
189	Estimating the collapse of aggregated fine soil structure in a mountainous forested catchment. <i>Journal of Environmental Management</i> , 2014 , 138, 24-31	7.9	4
188	Projection of future world water resources under SRES scenarios: an integrated assessment. <i>Hydrological Sciences Journal</i> , 2014 , 59, 1775-1793	3.5	30
187	Climatological characteristics of fronts in the western North Pacific based on surface weather charts. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014 , 119, 9400-9418	4.4	11
186	DEVELOPMENT OF A GLOBAL FLOOD AFFECTED POPULATION REAL-TIME CALCULATION SYSTEM WITH A LAND SURFACE-FLOOD INUNDATION MODEL. <i>Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering)</i> , 2014 , 70, I_1519-I_1524	0.1	1
185	CHANGE OF VIRTUAL WATER IMPORT TO JAPAN IN A RECENT DECADE. <i>Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering)</i> , 2014 , 70, I_481-I_486	0.1	0
184	How to think water crisis out (Mizu-kiki Hontou no Hanashi). <i>Suimon Mizu Shigen Gakkaishi</i> , 2014 , 27, 17-18	0.2	
183	Global-scale land surface hydrologic modeling with the representation of water table dynamics. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014 , 119, 75-89	4.4	69
182	Assessing the impacts of reservoir operation to floodplain inundation by combining hydrological, reservoir management, and hydrodynamic models. <i>Water Resources Research</i> , 2014 , 50, 7245-7266	5.4	84
181	Bias correction techniques for meteorological data of A2 scenario climate model output in Chao Phraya River Basin of Thailand. <i>Hydrological Research Letters</i> , 2014 , 8, 71-76	1.3	2
180	Extreme precipitation intensity in future climates associated with the Clausius-Clapeyron-like relationship. <i>Hydrological Research Letters</i> , 2014 , 8, 108-113	1.3	16
179	Estimated dietary intake of radionuclides and health risks for the citizens of Fukushima City, Tokyo, and Osaka after the 2011 nuclear accident. <i>PLoS ONE</i> , 2014 , 9, e112791	3.7	23
178	Long-term analysis of evapotranspiration over a diverse land use area in northern Thailand. <i>Hydrological Research Letters</i> , 2014 , 8, 45-50	1.3	13
177	Application of performance metrics to climate models for projecting future river discharge in the Chao Phraya River basin. <i>Hydrological Research Letters</i> , 2014 , 8, 33-38	1.3	36
176	Water Conflict Risk due to Water Resource Availability and Unequal Distribution. <i>Water Resources Management</i> , 2014 , 28, 169-184	3.7	39
175	Conversion of surface water coverage to water volume using satellite data. <i>Hydrological Research Letters</i> , 2014 , 8, 15-19	1.3	1
174	Characterization Factors for Water Availability Footprint Considering the Difference of Water Sources Based on a Global Water Resource Model. <i>Journal of Life Cycle Assessment Japan</i> , 2014 , 10, 327-339	0.1	1
173	Probability assessment of flood and sediment disasters in Japan using the Total Runoff-Integrating Pathways model. <i>International Journal of Disaster Risk Reduction</i> , 2013 , 3, 31-43	4.5	23

172	Assessing the effects of consecutive sediment-control dams using a numerical hydraulic experiment to model river-bed variation. <i>Catena</i> , 2013 , 104, 174-185	5.8	12
171	Estimation of the effects of chemically-enhanced treatment of urban sewage system based on life-cycle management. <i>Sustainable Cities and Society</i> , 2013 , 9, 23-31	10.1	18
170	Seasonal variation of land-atmosphere coupling strength over the West African monsoon region in an atmospheric general circulation model. <i>Hydrological Sciences Journal</i> , 2013 , 58, 1276-1286	3.5	11
169	A model-based test of accuracy of seawater oxygen isotope ratio record derived from a coral dual proxy method at southeastern Luzon Island, the Philippines. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2013 , 118, 853-859	3.7	5
168	Assessment of potential suspended sediment yield in Japan in the 21st century with reference to the general circulation model climate change scenarios. <i>Global and Planetary Change</i> , 2013 , 102, 1-9	4.2	12
167	Difference in the Priestley-Taylor coefficients at two different heights of a tall micrometeorological tower. <i>Agricultural and Forest Meteorology</i> , 2013 , 180, 97-101	5.8	3
166	Assessment of the historical environmental changes from a survey of local residents in an urban-rural catchment. <i>Ecological Complexity</i> , 2013 , 15, 83-96	2.6	8
165	The effects of country-level population policy for enhancing adaptation to climate change. <i>Hydrology and Earth System Sciences</i> , 2013 , 17, 4429-4440	5.5	6
164	Land Use and Land Cover Changes and Their Impacts on Hydroclimate, Ecosystems and Society 2013 , 185-203		9
163	The Basic Performance of a Precipitation Retrieval Algorithm for the Global Precipitation Measurement Mission's Single/Dual-Frequency Radar Measurements. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2013 , 51, 5239-5251	8.1	105
162	Reply to 'Overestimated water storage'. <i>Nature Geoscience</i> , 2013 , 6, 3-4	18.3	4
161	SIMULATION OF RADIOACTIVE TRACER TRANSPORT USING ISORSM AND UNCERTAINTY ANALYSES. <i>Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering)</i> , 2013 , 69, I_1765-I_1770	0.1	2
160	The relationship between extreme precipitation and surface air temperature in Bangladesh.. <i>Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering)</i> , 2013 , 69, I_127-I_132	0.1	
159	Future projection of mean river discharge climatology for the Chao Phraya River basin. <i>Hydrological Research Letters</i> , 2013 , 7, 36-41	1.3	20
158	Evaluation of Extreme Rain Estimates in the TRMM/PR Standard Product Version 7 Using High-Temporal-Resolution Rain Gauge Datasets over Japan. <i>Scientific Online Letters on the Atmosphere</i> , 2013 , 9, 98-101	2.1	12
157	Improving Understanding of the Global Hydrologic Cycle 2013 , 151-184		13
156	Assessing environmental improvement options from a water quality perspective for an urban-rural catchment. <i>Environmental Modelling and Software</i> , 2012 , 32, 16-26	5.2	25
155	Adjustment of a spaceborne DEM for use in floodplain hydrodynamic modeling. <i>Journal of Hydrology</i> , 2012 , 436-437, 81-91	6	93

154	Testing the hypothesis on the relationship between aerodynamic roughness length and albedo using vegetation structure parameters. <i>International Journal of Biometeorology</i> , 2012 , 56, 411-8	3.7	16
153	Status of AMSR2 on GCOM-W1 2012 ,		6
152	Decreasing precipitation extremes at higher temperatures in tropical regions. <i>Natural Hazards</i> , 2012 , 64, 935-941	3	42
151	Application of temperature, water stress, CO2 in rice growth models. <i>Rice</i> , 2012 , 5, 10	5.8	14
150	Interannual variability of H218O in precipitation over the Asian monsoon region. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		40
149	Intercomparison of bias-correction methods for monthly temperature and precipitation simulated by multiple climate models. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		105
148	Analysis of the water level dynamics simulated by a global river model: A case study in the Amazon River. <i>Water Resources Research</i> , 2012 , 48,	5.4	73
147	Ecological and hydrological responses to climate change in an urban-forested catchment, Nagara River basin, Japan. <i>Urban Climate</i> , 2012 , 1, 40-54	6.8	13
146	Characteristics of the 2011 Chao Phraya River flood in Central Thailand. <i>Hydrological Research Letters</i> , 2012 , 6, 41-46	1.3	150
145	A new rain detection method to complement high-resolution global precipitation products. <i>Hydrological Research Letters</i> , 2012 , 6, 82-86	1.3	3
144	Model estimates of sea-level change due to anthropogenic impacts on terrestrial water storage. <i>Nature Geoscience</i> , 2012 , 5, 389-392	18.3	165
143	The onset of the West African monsoon simulated in a high-resolution atmospheric general circulation model with reanalyzed soil moisture fields. <i>Atmospheric Science Letters</i> , 2012 , 13, 103-107	2.4	10
142	On the relationship between the Bowen ratio and the near-surface air temperature. <i>Theoretical and Applied Climatology</i> , 2012 , 108, 135-145	3	21
141	Estimation of thyroid doses and health risks resulting from the intake of radioactive iodine in foods and drinking water by the citizens of Tokyo after the Fukushima nuclear accident. <i>Chemosphere</i> , 2012 , 87, 1355-60	8.4	24
140	Incorporating Anthropogenic Water Regulation Modules into a Land Surface Model. <i>Journal of Hydrometeorology</i> , 2012 , 13, 255-269	3.7	190
139	Analysis of stream water quality and estimation of nutrient load with the aid of Quick Bird remote sensing imagery. <i>Hydrological Sciences Journal</i> , 2012 , 57, 850-860	3.5	12
138	EVALUATION OF INUNDATION RISK IN WHOLE JAPANESE BASED ON DAILY PRECIPITATION. <i>Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering)</i> , 2012 , 68, I_1075-I_1080	0.1	1
137	REPRESENTATION OF SUBGRID SCALE SNOW COVER AND SNOW DEPTH VARIABILITIES IN A GLOBAL LAND MODEL. <i>Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering)</i> , 2012 , 68, I_325-I_330	0.1	1

136	A NEW METHOD FOR ASSESSING THE CAUSES OF EXTREME PRECIPITATION CHANGE UNDER CHANGED CLIMATE CONSIDERING THE ATMOSPHERIC HUMIDITY. <i>Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering)</i> , 2012 , 68, I_421-I_426	0.1	
135	GLOBAL SIMULATION OF GROUNDWATER RECHARGE, WATER TABLE DEPTH, AND LOW FLOW USING A LAND SURFACE MODEL WITH GROUNDWATER REPRESENTATION. <i>Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering)</i> , 2012 , 68, I_211-I_216	0.1	3
134	Changes in Flood Risk under Global Warming Estimated Using MIROC5 and the Discharge Probability Index. <i>Journal of the Meteorological Society of Japan</i> , 2012 , 90, 509-524	2.8	11
133	The Current of Research Projects in the World on Hydrology. <i>Trends in the Sciences</i> , 2012 , 17, 11_76-11_78		
132	A physically based description of floodplain inundation dynamics in a global river routing model. <i>Water Resources Research</i> , 2011 , 47,	5.4	399
131	Does higher surface temperature intensify extreme precipitation?. <i>Geophysical Research Letters</i> , 2011 , 38, n/a-n/a	4.9	212
130	Development of a global flood risk index based on natural and socio-economic factors. <i>Hydrological Sciences Journal</i> , 2011 , 56, 789-804	3.5	19
129	Long-term changes in flood event patterns due to changes in hydrological distribution parameters in a rural-urban catchment, Shikoku, Japan. <i>Atmospheric Research</i> , 2011 , 101, 164-177	5.4	19
128	Modeling reservoir sedimentation associated with an extreme flood and sediment flux in a mountainous granitoid catchment, Japan. <i>Geomorphology</i> , 2011 , 125, 263-270	4.3	24
127	Modeling shallow landslides and river bed variation associated with extreme rainfall-runoff events in a granitoid mountainous forested catchment in Japan. <i>Geomorphology</i> , 2011 , 125, 282-292	4.3	15
126	Assessment of global nitrogen pollution in rivers using an integrated biogeochemical modeling framework. <i>Water Research</i> , 2011 , 45, 2573-86	12.5	91
125	Tolerance of eddy covariance flux measurement. <i>Hydrological Research Letters</i> , 2011 , 5, 73-77	1.3	5
124	RELATIONS OF HOURLY PRECIPITATION EXTREMES AND TEMPERATURE OVER JAPAN BASED ON GROUND OBSERVATIONAL RECORDS. <i>Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering)</i> , 2011 , 67, I_307-I_312	0.1	
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