

Taikan Oki

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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	Global hydrological cycles and world water resources. <i>Science</i> , 2006 , 313, 1068-72	33.3	2368
278	Regions of strong coupling between soil moisture and precipitation. <i>Science</i> , 2004 , 305, 1138-40	33.3	1939
277	IAHS Decade on Predictions in Ungauged Basins (PUB), 2003-2012: Shaping an exciting future for the hydrological sciences. <i>Hydrological Sciences Journal</i> , 2003 , 48, 857-880	3.5	806
276	The implications of projected climate change for freshwater resources and their management. <i>Hydrological Sciences Journal</i> , 2008 , 53, 3-10	3.5	540
275	GLACE: The Global Land-Atmosphere Coupling Experiment. Part I: Overview. <i>Journal of Hydrometeorology</i> , 2006 , 7, 590-610	3.7	525
274	GSWP-2: Multimodel Analysis and Implications for Our Perception of the Land Surface. <i>Bulletin of the American Meteorological Society</i> , 2006 , 87, 1381-1398	6.1	518
273	Multimodel Estimate of the Global Terrestrial Water Balance: Setup and First Results. <i>Journal of Hydrometeorology</i> , 2011 , 12, 869-884	3.7	416
272	Global potential soil erosion with reference to land use and climate changes. <i>Hydrological Processes</i> , 2003 , 17, 2913-2928	3.3	416
271	A physically based description of floodplain inundation dynamics in a global river routing model. <i>Water Resources Research</i> , 2011 , 47,	5.4	399
270	An integrated model for the assessment of global water resources [Part 1: Model description and input meteorological forcing. <i>Hydrology and Earth System Sciences</i> , 2008 , 12, 1007-1025	5.5	390
269	Impact of Climate Change on River Discharge Projected by Multimodel Ensemble. <i>Journal of Hydrometeorology</i> , 2006 , 7, 1076-1089	3.7	289
268	An integrated model for the assessment of global water resources [Part 2: Applications and assessments. <i>Hydrology and Earth System Sciences</i> , 2008 , 12, 1027-1037	5.5	287
267	GLACE: The Global Land-Atmosphere Coupling Experiment. Part II: Analysis. <i>Journal of Hydrometeorology</i> , 2006 , 7, 611-625	3.7	287
266	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
265	A reservoir operation scheme for global river routing models. <i>Journal of Hydrology</i> , 2006 , 327, 22-41	6	282
264	Global projections of changing risks of floods and droughts in a changing climate. <i>Hydrological Sciences Journal</i> , 2008 , 53, 754-772	3.5	281
263	Design of Total Runoff Integrating Pathways (TRIP) A Global River Channel Network. <i>Earth Interactions</i> , 1998 , 2, 1-37	1.5	280

262	Water scarcity assessments in the past, present and future. <i>Earth's Future</i> , 2017 , 5, 545-559	7.9	275
261	Historical isotope simulation using Reanalysis atmospheric data. <i>Journal of Geophysical Research</i> , 2008 , 113,		252
260	An estimation of global virtual water flow and sources of water withdrawal for major crops and livestock products using a global hydrological model. <i>Journal of Hydrology</i> , 2010 , 384, 232-244	6	249
259	Does higher surface temperature intensify extreme precipitation?. <i>Geophysical Research Letters</i> , 2011 , 38, n/a-n/a	4.9	212
258	Assessment of Annual Runoff from Land Surface Models Using Total Runoff Integrating Pathways (TRIP). <i>Journal of the Meteorological Society of Japan</i> , 1999 , 77, 235-255	2.8	208
257	Impact of vegetation coverage on regional water balance in the nonhumid regions of China. <i>Water Resources Research</i> , 2009 , 45,	5.4	197
256	Incorporating Anthropogenic Water Regulation Modules into a Land Surface Model. <i>Journal of Hydrometeorology</i> , 2012 , 13, 255-269	3.7	190
255	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
254	Global assessment of current water resources using total runoff integrating pathways. <i>Hydrological Sciences Journal</i> , 2001 , 46, 983-995	3.5	172
253	Virtual water trade and world water resources. <i>Water Science and Technology</i> , 2004 , 49, 203-209	2.2	168
252	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
251	Global Change Observation Mission (GCOM) for Monitoring Carbon, Water Cycles, and Climate Change. <i>Proceedings of the IEEE</i> , 2010 , 98, 717-734	14.3	153
250	Characteristics of the 2011 Chao Phraya River flood in Central Thailand. <i>Hydrological Research Letters</i> , 2012 , 6, 41-46	1.3	150
249	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
248	Projection of future world water resources under SRES scenarios: water withdrawal / Projection des ressources en eau mondiales futures selon les scénarios du RSSE: prélèvement d'eau. <i>Hydrological Sciences Journal</i> , 2008 , 53, 11-33	3.5	135
247	Global atmospheric water balance and runoff from large river basins. <i>Hydrological Processes</i> , 1995 , 9, 655-678	3.3	132
246	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
245	Impact of Deforestation on Regional Precipitation over the Indochina Peninsula. <i>Journal of Hydrometeorology</i> , 2001 , 2, 51-70	3.7	128

244	Role of rivers in the seasonal variations of terrestrial water storage over global basins. <i>Geophysical Research Letters</i> , 2009 , 36,	4.9	126
243	Seasonal Change of the Diurnal Cycle of Precipitation over Japan and Malaysia. <i>Journal of Applied Meteorology and Climatology</i> , 1994 , 33, 1445-1463		125
242	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
241	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
240	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
239	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
238	Spatial and temporal variation in nutrient parameters in stream water in a rural-urban catchment, Shikoku, Japan: effects of land cover and human impact. <i>Journal of Environmental Management</i> , 2011 , 92, 1837-48	7.9	103
237	The Influence of Precipitation Variability and Partial Irrigation within Grid Cells on a Hydrological Simulation. <i>Journal of Hydrometeorology</i> , 2007 , 8, 499-512	3.7	101
236	Investigating the roles of climate seasonality and landscape characteristics on mean annual and monthly water balances. <i>Journal of Hydrology</i> , 2008 , 357, 255-269	6	100
235	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
234	Adjustment of a spaceborne DEM for use in floodplain hydrodynamic modeling. <i>Journal of Hydrology</i> , 2012 , 436-437, 81-91	6	93
233	Hydrological Cycles Change in the Yellow River Basin during the Last Half of the Twentieth Century. <i>Journal of Climate</i> , 2008 , 21, 1790-1806	4.4	93
232	Observed controls on resilience of groundwater to climate variability in sub-Saharan Africa. <i>Nature</i> , 2019 , 572, 230-234	50.4	92
231	Assessment of global nitrogen pollution in rivers using an integrated biogeochemical modeling framework. <i>Water Research</i> , 2011 , 45, 2573-86	12.5	91
230	Integrating risks of climate change into water management. <i>Hydrological Sciences Journal</i> , 2015 , 60, 4-13, 5	3.5	90
229	A quantitative analysis of short-term ¹⁸ O variability with a Rayleigh-type isotope circulation model. <i>Journal of Geophysical Research</i> , 2003 , 108,		86
228	Deriving a global river network map and its sub-grid topographic characteristics from a fine-resolution flow direction map. <i>Hydrology and Earth System Sciences</i> , 2009 , 13, 2241-2251	5.5	85
227	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

226	Colored Moisture Analysis Estimates of Variations in 1998 Asian Monsoon Water Sources. <i>Journal of the Meteorological Society of Japan</i> , 2004 , 82, 1315-1329	2.8	77
225	A grid-based assessment of global water scarcity including virtual water trading. <i>Water Resources Management</i> , 2006 , 21, 19-33	3.7	75
224	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
223	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
222	Iso-MATSIRO, a land surface model that incorporates stable water isotopes. <i>Global and Planetary Change</i> , 2006 , 51, 90-107	4.2	67
221	A SRES-based gridded global population dataset for 1990-2100. <i>Population and Environment</i> , 2007 , 28, 113-131	4	63
220	A 100-year (1901-2000) global retrospective estimation of the terrestrial water cycle. <i>Journal of Geophysical Research</i> , 2005 , 110,		62
219	Dynamics of Terrestrial Water Storage Change from Satellite and Surface Observations and Modeling. <i>Journal of Hydrometeorology</i> , 2010 , 11, 156-170	3.7	60
218	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
217	Multi-scale model analysis of boundary layer ozone over East Asia. <i>Atmospheric Chemistry and Physics</i> , 2009 , 9, 3277-3301	6.8	57
216	Long-range transport of acidifying substances in East Asia Part II: Source-Receiver relationships. <i>Atmospheric Environment</i> , 2008 , 42, 5956-5967	5.3	56
215	Design of Total Runoff Integrating Pathways (TRIP) A Global River Channel Network. <i>Earth Interactions</i> , 2009 , 13, 1-1	1.5	56
214	Dynamics of surface water storage in the Amazon inferred from measurements of inter-satellite distance change. <i>Geophysical Research Letters</i> , 2009 , 36,	4.9	52
213	Historical and Future Changes in Streamflow and Continental Runoff. <i>Geophysical Monograph Series</i> , 2016 , 17-37	1.1	52
212	Evapotranspiration seasonality across the Amazon Basin. <i>Earth System Dynamics</i> , 2017 , 8, 439-454	4.8	46
211	Changes in Hourly Heavy Precipitation at Tokyo from 1890 to 1999. <i>Journal of the Meteorological Society of Japan</i> , 2004 , 82, 241-247	2.8	46
210	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
209	Rainfall Amount, Intensity, Duration, and Frequency Relationships in the Mae Chaem Watershed in Southeast Asia. <i>Journal of Hydrometeorology</i> , 2004 , 5, 458-470	3.7	44

208	The Water Planetary Boundary: Interrogation and Revision. <i>One Earth</i> , 2020 , 2, 223-234	8.1	43
207	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
206	Decreasing precipitation extremes at higher temperatures in tropical regions. <i>Natural Hazards</i> , 2012 , 64, 935-941	3	42
205	Estimating monthly total nitrogen concentration in streams by using artificial neural network. <i>Journal of Environmental Management</i> , 2011 , 92, 172-7	7.9	42
204	Illuminating water cycle modifications and Earth system resilience in the Anthropocene. <i>Water Resources Research</i> , 2020 , 56, e2019WR024957	5.4	42
203	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
202	Interannual variability of H218O in precipitation over the Asian monsoon region. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		40
201	Global runoff routing with the hydrological component of the ECMWF NWP system. <i>International Journal of Climatology</i> , 2010 , 30, 2155-2174	3.5	40
200	Agrometeorological conditions of grassland vegetation in central Mongolia and their impact for leaf area growth. <i>Journal of Geophysical Research</i> , 2004 , 109, n/a-n/a		40
199	Water Conflict Risk due to Water Resource Availability and Unequal Distribution. <i>Water Resources Management</i> , 2014 , 28, 169-184	3.7	39
198	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
197	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
196	A variable streamflow velocity method for global river routing model: model description and preliminary results		36
195	Water Scarcity Footprints by Considering the Differences in Water Sources. <i>Sustainability</i> , 2015 , 7, 9753-9772	3.7	35
194	Economic aspects of virtual water trade. <i>Environmental Research Letters</i> , 2017 , 12, 044002	6.2	34
193	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
192	Modelling the catchment-scale environmental impacts of wastewater treatment in an urban sewage system for CO ₂ emission assessment. <i>Water Science and Technology</i> , 2010 , 62, 972-84	2.2	31
191	Projection of future world water resources under SRES scenarios: an integrated assessment. <i>Hydrological Sciences Journal</i> , 2014 , 59, 1775-1793	3.5	30

190	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
189	Long-range transport of acidifying substances in East Asia Part I Model evaluation and sensitivity studies. <i>Atmospheric Environment</i> , 2008 , 42, 5939-5955	5.3	29
188	Contrail observations over Southern and Eastern Asia in NOAA/AVHRR data and comparisons to contrail simulations in a GCM. <i>International Journal of Remote Sensing</i> , 2007 , 28, 2049-2069	3.1	29
187	Influence of Realistic Land Surface Wetness on Predictability of Seasonal Precipitation in Boreal Summer. <i>Journal of Climate</i> , 2006 , 19, 1450-1460	4.4	29
186	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
185	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
184	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
183	A spatial analysis of hydro-climatic and vegetation condition trends in the Yellow River basin. <i>Hydrological Processes</i> , 2008 , 22, 451-458	3.3	26
182	Off-line simulation of the Amazon water balance: a sensitivity study with implications for GSWP. <i>Climate Dynamics</i> , 2002 , 19, 141-154	4.2	26
181	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
180	Disruption of hydroecological equilibrium in southwest Amazon mediated by drought. <i>Geophysical Research Letters</i> , 2015 , 42, 7546-7553	4.9	25
179	Visioneering: an essential framework in sustainability science. <i>Sustainability Science</i> , 2011 , 6, 247-251	6.4	25
178	Water Balance within Intensively Cultivated Alluvial Plain in an Arid Environment. <i>Water Resources Management</i> , 2007 , 21, 1703-1715	3.7	25
177	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
176	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
175	Toward flood risk prediction: a statistical approach using a 29-year river discharge simulation over Japan. <i>Hydrological Research Letters</i> , 2008 , 2, 22-26	1.3	24
174	Evaluation of two-dimensional atmospheric water circulation fields in reanalyses by using precipitation isotopes databases. <i>Journal of Geophysical Research</i> , 2004 , 109,		24
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	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
171	Movement of Amazon surface water from time-variable satellite gravity measurements and implications for water cycle parameters in land surface models. <i>Geochemistry, Geophysics, Geosystems</i> , 2010 , 11,	3.6	23
170	Dependence of economic impacts of climate change on anthropogenically directed pathways. <i>Nature Climate Change</i> , 2019 , 9, 737-741	21.4	22
169	How global targets on drinking water were developed and achieved. <i>Nature Sustainability</i> , 2019 , 2, 429-431	22.1	22
168	Diurnal variation of precipitation by moving mesoscale systems: Radar observations in northern Thailand. <i>Geophysical Research Letters</i> , 2003 , 30,	4.9	22
167	Seasonal cycle of water storage in major river basins of the world. <i>Geophysical Research Letters</i> , 2001 , 28, 3215-3218	4.9	22
166	The Seasonal Change of the Water Budget in the Congo River Basin. <i>Journal of the Meteorological Society of Japan</i> , 1994 , 72, 281-299	2.8	22
165	Spatial rainfall distribution at a storm event in mountainous regions, estimated by orography and wind direction. <i>Water Resources Research</i> , 1991 , 27, 359-369	5.4	22
164	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
163	Simulation of potential impacts of land use/cover changes on surface water fluxes in the Chaophraya river basin, Thailand. <i>Journal of Geophysical Research</i> , 2005 , 110,		21
162	A DISTRIBUTED BIOSPHERE HYDROLOGICAL MODEL (DBHM) FOR LARGE RIVER BASIN. <i>Proceedings of Hydraulic Engineering</i> , 2006 , 50, 37-42		21
161	The Effect of Global Warming on Future Water Availability: CMIP5 Synthesis. <i>Water Resources Research</i> , 2018 , 54, 7791-7819	5.4	21
160	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
159	Using remotely sensed imagery to estimate potential annual pollutant loads in river basins. <i>Water Science and Technology</i> , 2009 , 60, 2009-15	2.2	20
158	Estimation of Predictability with a Newly Derived Index to Quantify Similarity among Ensemble Members. <i>Monthly Weather Review</i> , 2007 , 135, 2674-2687	2.4	20
157	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
156	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
155	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

154	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
153	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
152	Advanced Rain/No-Rain Classification Methods for Microwave Radiometer Observations over Land. <i>Journal of Applied Meteorology and Climatology</i> , 2008 , 47, 3016-3029	2.7	18
151	Characteristics of aerosol and cloud particle size distributions in the tropical tropopause layer measured with optical particle counter and lidar. <i>Atmospheric Chemistry and Physics</i> , 2007 , 7, 3507-3518	6.8	18
150	Application of RUSLE Model on Global Soil Erosion Estimate. <i>Proceedings of Hydraulic Engineering</i> , 2001 , 45, 811-816		18
149	Application of the Simple Biosphere Model(SiB2) to a Paddy Field for a Period of Growing Season in GAME-Tropics.. <i>Journal of the Meteorological Society of Japan</i> , 2001 , 79, 387-400	2.8	18
148	The Offline Validation of Land Surface Models. <i>Journal of the Meteorological Society of Japan</i> , 1999 , 77, 257-263	2.8	18
147	Discharge of large Asian rivers [Observations and projections. <i>Quaternary International</i> , 2009 , 208, 4-10	2	17
146	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
145	Assessment of Chlorophyll-a Algorithms Considering Different Trophic Statuses and Optimal Bands. <i>Sensors</i> , 2017 , 17,	3.8	16
144	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
143	Estimation of total nitrogen transport and retention during flow in a catchment using a mass balance model incorporating the effects of land cover distribution and human activity information. <i>Water Science and Technology</i> , 2010 , 62, 1837-47	2.2	16
142	Principal condition for the earliest Asian summer monsoon onset. <i>Geophysical Research Letters</i> , 2002 , 29, 36-1-36-4	4.9	16
141	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
140	Integrated biogeochemical modelling of nitrogen load from anthropogenic and natural sources in Japan. <i>Ecological Modelling</i> , 2009 , 220, 2325-2334	3	15
139	Water and climate projections. <i>Hydrological Sciences Journal</i> , 2009 , 54, 406-415	3.5	15
138	Groundwater recharge and discharge in a hyperarid alluvial plain (Akesu, Taklimakan Desert, China). <i>Hydrological Processes</i> , 2007 , 21, 1345-1353	3.3	15
137	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

136	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
135	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
134	Application of temperature, water stress, CO2 in rice growth models. <i>Rice</i> , 2012 , 5, 10	5.8	14
133	An Evaluation of Over-Land Rain Rate Estimates by the GSMaP and GPROF Algorithms: The Role of Lower-Frequency Channels. <i>Journal of the Meteorological Society of Japan</i> , 2009 , 87A, 183-202	2.8	14
132	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
131	Water Governance Contribution to Water and Sanitation Access Equality in Developing Countries. <i>Water Resources Research</i> , 2020 , 56, e2019WR025330	5.4	13
130	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
129	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
128	Application of Distributed Hydrological Model in the Asian Monsoon Tropic Region with a Perspective of Coupling with Atmospheric Models.. <i>Journal of the Meteorological Society of Japan</i> , 2001 , 79, 373-385	2.8	13
127	Hydrograph estimations by flow routing modelling from AGCM output in major basins of the world. <i>Proceedings of Hydraulic Engineering</i> , 1995 , 39, 97-102		13
126	Improving Understanding of the Global Hydrologic Cycle 2013 , 151-184		13
125	Visualizing the Interconnections Among Climate Risks. <i>Earth's Future</i> , 2019 , 7, 85-100	7.9	13
124	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
123	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
122	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
121	Validating Estimates of Land Surface Parameterizations by Annual Discharge using Total Runoff Integrating Pathways.. <i>Suimon Mizu Shigen Gakkaishi</i> , 1997 , 10, 416-425	0.2	12
120	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
119	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

118	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
117	AMSR instruments on GCOM-W1/2: Concepts and applications 2010 ,		11
116	Classification of Vertical Wind Speed Profiles Observed Above a Sloping Forest at Nighttime Using the Bulk Richardson Number. <i>Boundary-Layer Meteorology</i> , 2005 , 115, 205-221	3.4	11
115	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
114	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
113	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
112	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
111	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
110	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
109	Land Use and Land Cover Changes and Their Impacts on Hydroclimate, Ecosystems and Society 2013 , 185-203		9
108	The effects of annual precipitation and mean air temperature on annual runoff in global forest regions. <i>Climatic Change</i> , 2011 , 108, 401-410	4.5	9
107	The effect of estimated PAR uncertainties on the physiological processes of biosphere models. <i>Ecological Modelling</i> , 2010 , 221, 1575-1579	3	9
106	The effects of heterogeneity within an area on areally averaged evaporation. <i>Hydrological Processes</i> , 2000 , 14, 465-479	3.3	9
105	Impact of climate forcing uncertainty and human water use on global and continental water balance components. <i>Proceedings of the International Association of Hydrological Sciences</i> , 374 , 53-62		9
104	Human-Induced Changes in the Global Water Cycle. <i>Geophysical Monograph Series</i> , 2016 , 55-69	1.1	9
103	Sensitivity of Global Hydrological Simulations to Groundwater Capillary Flux Parameterizations. <i>Water Resources Research</i> , 2019 , 55, 402-425	5.4	9
102	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
101	Modelling sewer sediment deposition, erosion, and transport processes to predict acute influent and reduce combined sewer overflows and CO ₂ emissions. <i>Water Science and Technology</i> , 2010 , 62, 2346-56	2.2	8

100	Advancing Precipitation Estimation, Prediction, and Impact Studies. <i>Bulletin of the American Meteorological Society</i> , 2020 , 101, E1584-E1592	6.1	8
99	Applicability of a nationwide flood forecasting system for Typhoon Hagibis 2019. <i>Scientific Reports</i> , 2021 , 11, 10213	4.9	8
98	Potential Impacts of Food Production on Freshwater Availability Considering Water Sources. <i>Water (Switzerland)</i> , 2016 , 8, 163	3	8
97	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
96	Chronological Development of Terrestrial Mean Precipitation. <i>Bulletin of the American Meteorological Society</i> , 2017 , 98, 2411-2428	6.1	7
95	Application of Satellite-Derived Surface Soil Moisture Data to Simulating Seasonal Precipitation by a Simple Soil Moisture Transfer Method. <i>Journal of Hydrometeorology</i> , 2003 , 4, 929-943	3.7	7
94	The Hydrologic Cycles and Global Circulation 2005 ,		7
93	How Achieving the Millennium Development Goals Increases Subjective Well-Being in Developing Nations. <i>Sustainability</i> , 2016 , 8, 189	3.6	7
92	Long-distance transport of radioactive plume by nocturnal local winds. <i>Scientific Reports</i> , 2016 , 6, 36584	4.9	7
91	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
90	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
89	Status of AMSR2 on GCOM-W1 2012 ,		6
88	A study on the relationship between Atlantic sea surface temperature and Amazonian greenness. <i>Ecological Informatics</i> , 2010 , 5, 367-378	4.2	6
87	DEVELOPMENT AND VERIFICATION OF A PREDICTING SYSTEM OF RIVER DISCHARGE OVER JAPAN JMA-MSM-GPV. <i>Proceedings of Hydraulic Engineering</i> , 2007 , 51, 403-408		6
86	The Global Water Cycle. <i>Geophysical Monograph Series</i> , 2004 , 225-237	1.1	6
85	Applicability of ECMWF's 4DDA Data to the Interannual Variability of the Water Budget of the Mississippi River Basin. <i>Journal of the Meteorological Society of Japan</i> , 1995 , 73, 1167-1174	2.8	6
84	Point Precipitation Observation Extremes in the World and Japan. <i>Suimon Mizu Shigen Gakkaishi</i> , 2010 , 23, 231-247	0.2	6
83	Pre-Monsoon Rain and Its Relationship with Monsoon Onset over the Indochina Peninsula. <i>Frontiers in Earth Science</i> , 2016 , 4,	3.5	6

82	Modeling the Role of Vegetation in Hydrological Responses to Climate Change. <i>Geophysical Monograph Series</i> , 2016 , 193-208	1.1	6
81	Land Use/Cover Change Impacts on Hydrology in Large River Basins. <i>Geophysical Monograph Series</i> , 2016 , 103-134	1.1	6
80	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
79	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
78	Tolerance of eddy covariance flux measurement. <i>Hydrological Research Letters</i> , 2011 , 5, 73-77	1.3	5
77	Status of GCOM-W1/AMSR2 development, algorithms, and products 2011 ,		5
76	Estimating <i>Plecoglossus altivelis altivelis</i> migration using a mass balance model expressed by hydrological distribution parameters in a major limpid river basin in Japan. <i>Ecological Modelling</i> , 2010 , 221, 2808-2815	3	5
75	Daily NDVI Relationship to Cloud Cover. <i>Journal of Applied Meteorology and Climatology</i> , 2007 , 46, 377-387		5
74	Current Situation and Future Perspectives on Global Hydrologic Cycles, Water Balances, and World Freshwater Resources. <i>Journal of Geography (Chigaku Zasshi)</i> , 2007 , 116, 31-42	0.5	5
73	An integrated model for the assessment of global water resources [Part 1: Input meteorological forcing and natural hydrological cycle modules		5
72	An integrated model for the assessment of global water resources [Part 2: Anthropogenic activities modules and assessments		5
71	Global Hydrological Cycle and World Water Resources. <i>Membrane</i> , 2003 , 28, 206-214	0	5
70	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
69	Reply to 'Overestimated water storage'. <i>Nature Geoscience</i> , 2013 , 6, 3-4	18.3	4
68	A grid-based assessment of global water scarcity including virtual water trading 2006 , 19-33		4
67	Validation of the output from JMA-SiB using the combined water balance method and a river routing scheme: A case study in the Mackenzie River basin. <i>Journal of Geophysical Research</i> , 1999 , 104, 31199-31206		4
66	Estimation of global annual river runoff based on atmospheric water balance. <i>Proceedings of Hydraulic Engineering</i> , 1992 , 36, 573-578		4
65	The Land Surface, Snow and Soil moisture Model Intercomparison Program (LS3MIP): aims, set-up and expected outcome 2016 ,		4

64	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
63	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
62	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
61	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
60	A new rain detection method to complement high-resolution global precipitation products. <i>Hydrological Research Letters</i> , 2012 , 6, 82-86	1.3	3
59	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
58	Time for a Change in Japanese Water Resources Policy, Part 2: Towards a Planning and Management Framework for Adapting to Changes. <i>International Journal of Water Resources Development</i> , 2009 , 25, 565-570	3	3
57	Aggregation criteria for surface heat balances in a heterogeneous area based on a linear model. <i>Advances in Water Resources</i> , 2001 , 24, 1159-1171	4.7	3
56	Land surface monitoring by backscattering coefficient from TRMM/PR 2A21		3
55	Estimating Virtual Water Contents Using a Global Hydrological Model. <i>Geophysical Monograph Series</i> , 2016 , 209-228	1.1	3
54	Impacts of Groundwater Pumping on Regional and Global Water Resources. <i>Geophysical Monograph Series</i> , 2016 , 71-101	1.1	3
53	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
52	Water Resources Management and Adaptation to Climate Change. <i>Water Resources Development and Management</i> , 2016 , 27-40	0.1	2
51	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
50	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
49	Toward global-scale data assimilation using SWOT: Requirements for global hydrodynamics models 2011 ,		2
48	Correction to Agrometeorological conditions of grassland vegetation in central Mongolia and their impact for leaf area growth by Shin Miyazaki et al.. <i>Journal of Geophysical Research</i> , 2005 , 110,		2
47	Mechanisms controlling surface ozone over East Asia: a multiscale study coupling regional and global chemical transport models		2

46	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
45	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
44	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
43	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
42	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
41	Time for a Change in Japanese Water Resources Policy, Part 3: National and Institutional Directions. <i>International Journal of Water Resources Development</i> , 2009 , 25, 571-578	3	1
40	DETAILED ANALYSIS ON THE VIRTUAL WATER IMPORT TO JAPAN FOCUSING ON THE ORIGIN OF WATER SUPPLY. <i>Proceedings of Hydraulic Engineering</i> , 2008 , 52, 367-372		1
39	DEVELOPMENT OF A GLOBAL INTEGRATED WATER RESOURCES MODEL FOR WATER RESOURCES ASSESSMENTS UNDER CLIMATE CHANGE. <i>Proceedings of Hydraulic Engineering</i> , 2007 , 51, 229-234		1
38	Conversion of surface water coverage to water volume using satellite data. <i>Hydrological Research Letters</i> , 2014 , 8, 15-19	1.3	1
37	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
36	The relevance of uncertainty in future crop production for mitigation strategy planning		1
35	World Water Resources at Stake. <i>Advances in Geological Science</i> , 2020 , 89-95	0.1	1
34	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
33	Macroscale Hydrological Modeling and Global Water Balance. <i>Geophysical Monograph Series</i> , 2016 , 1-16	1.1	1
32	Changes in the Global Terrestrial Water Cycle. <i>Geophysical Monograph Series</i> , 2016 , 39-54	1.1	1
31	Drivers of Change in Managed Water Resources. <i>Geophysical Monograph Series</i> , 2016 , 167-191	1.1	1
30	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
29	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

28	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
27	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, I_205-I_210	0.1	1
26	Hydrologic Cycle 2017 , 1-12		0
25	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
24	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
23	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
22	Global integrated modeling framework of riverine dissolved inorganic nitrogen with seasonal variation. <i>Hydrological Research Letters</i> , 2021 , 15, 50-57	1.3	0
21	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	
20	Global Water Risk Management and the Limits of the Planetary Boundary. <i>Trends in the Sciences</i> , 2018 , 23, 3_70-3_73	0	
19	How to think water crisis out (Mizu-kiki Hontou no Hanashi). <i>Suimon Mizu Shigen Gakkaishi</i> , 2014 , 27, 17-18	0.2	
18	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	
17	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	
16	TOWARD A MAPPING OF GROUNDWATER RECHARGE POTENTIAL: TESTING A DROUGHTY FLOW BASED APPROACH. <i>Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering)</i> , 2011 , 67, I_385-I_390	0.1	
15	Global Hydrology 2011 , 3-25		
14	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	
13	AN INVESTIGATION OF MONSOON RAINFALL OVER A TROPICAL MOUNTAIN IN SOUTHEAST ASIA USING REGIONAL CLIMATE MODEL. <i>Proceedings of Hydraulic Engineering</i> , 2003 , 47, 79-84		
12	AN ASSESSMENT OF THE IMPACT OF RESERVOIR OPERATION ON THE GLOBAL RIVER DISCHARGE. <i>Proceedings of Hydraulic Engineering</i> , 2004 , 48, 463-468		
11	Groundwater Resources in Urban Water Management. <i>Library for Sustainable Urban Regeneration</i> , 2008 , 35-59		

- 10 DETERMINANTS OF WATER TEMPERATURE IN THE RIVERS OVER LOW-LATITUDE REGIONS. *Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering)*, **2018**, 74, I_583-I_588 0.1
- 9 DEVELOPMENT OF GLOBAL TERRESTRIAL MODEL INCLUDING SUB-GRID HILLSLOPE PROCESSES. *Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering)*, **2018**, 74, I_991-I_996 0.1
- 8 DEVELOPMENT OF GLOBAL TERRESTRIAL MODEL CONSIDERING SATURATED LATERAL FLOW. *Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering)*, **2019**, 75, I_265-I_270 0.1
- 7 Hydrosphere—the Water Realm Which Supports Human Life. *Advances in Geological Science*, **2020**, 39-46 0.1
- 6 Evaluating the Diurnal Cycle of Precipitation Representation in West African Monsoon Region with Different Convection Schemes **2016**, 169-191
- 5 Catchment-Scale Water Management of Wastewater Treatment in an Urban Sewerage System with CO2 Emission Assessment. *Science for Sustainable Societies*, **2017**, 151-163 0.4
- 4 Water Footprinting for what?. *Journal of Life Cycle Assessment Japan*, **2010**, 6, 187-192 0.1
- 3 The Current of Research Projects in the World on Hydrology. *Trends in the Sciences*, **2012**, 17, 11_76-11_78
- 2 TOWARD THE GLOBAL-SCALE ESTIMATION OF WATER RESOURCES WITH A COUPLED MODEL FRAMEWORK OF HYDRO- AND THERMODYNAMICS IN RIVERS AND LAKES. *Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering)*, **2021**, 77, I_241-I_246 0.1
- 1 Short History and Future Prospects of Global Hydrology. *Trends in the Sciences*, **2022**, 27, 1_12-1_16 0