

# Shinjiro Kanae

## List of Publications by Year in descending order

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Version: 2024-02-01

192  
papers

20,515  
citations

36303

51  
h-index

11939

134  
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203  
all docs

203  
docs citations

203  
times ranked

18357  
citing authors

#	ARTICLE	IF	CITATIONS
1	Alleviation approach for flash flood risk reduction in urban dwellings: A case study of Fifth District, Egypt. <i>Urban Climate</i> , 2022, 42, 101130.	5.7	10
2	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.	4.9	12
3	Lost Rivers: Tokyo's Sewage Problem in the High-Growth Period, 1953â€“73. <i>Technology and Culture</i> , 2022, 63, 427-449.	0.1	0
4	Radiative Characteristics at 89 and 36 GHz for Satellite-Based Cloud Water Estimation Over Land. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021, 59, 1355-1368.	6.3	3
5	Examining the downstream geomorphic impact of a large dam under climate change. <i>Catena</i> , 2021, 196, 104850.	5.0	7
6	A Framework for Estimating Globalâ€“Scale River Discharge by Assimilating Satellite Altimetry. <i>Water Resources Research</i> , 2021, 57, e2020WR027876.	4.2	9
7	A review of climate-change impact and adaptation studies for the water sector in Thailand. <i>Environmental Research Letters</i> , 2021, 16, 023004.	5.2	36
8	Potential of a SAR Small-Satellite Constellation for Rapid Monitoring of Flood Extent. <i>Remote Sensing</i> , 2021, 13, 1959.	4.0	4
9	Response of vegetation to submergence along Jingjiang Reach of the Yangtze River. <i>PLoS ONE</i> , 2021, 16, e0251015.	2.5	7
10	Examining Possibility of Cloud-rain-ice Partitioning Using Satellite-based Cloud Water Estimation Over Land at 36 and 89 GHz. <i>Suimon Mizu Shigen Gakkaishi</i> , 2021, 34, 161-180.	0.1	0
11	A STUDY ON THE APPLICABILITY OF AI DAM OPERATION MODEL IN SNOWMELT SEASON FOR DAMS IN HEAVY SNOWFALL AREA. <i>Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering)</i> , 2021, 77, I_109-I_114.	0.1	0
12	5-ARCMIN RESOLUTION ASSESSMENT OF WATER STRESS IN LARGE CITIES USING THE H08 GLOBAL HYDROLOGICAL MODEL. <i>Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering)</i> , 2021, 77, I_217-I_222.	0.1	1
13	Use of Seasonal Streamflow Forecasts for Flood Mitigation with Adaptive Reservoir Operation: A Case Study of the Chao Phraya River Basin, Thailand, in 2011. <i>Water (Switzerland)</i> , 2020, 12, 3210.	2.7	10
14	Snow water scarcity induced by record-breaking warm winter in 2020 in Japan. <i>Scientific Reports</i> , 2020, 10, 18541.	3.3	7
15	Predicting damâ€“related downstream geomorphic response with widely available stream gauge data: A case study of the Godavari River Basin, India. <i>Singapore Journal of Tropical Geography</i> , 2020, 41, 284-298.	0.9	2
16	Flood-induced population displacements in the world. <i>Environmental Research Letters</i> , 2020, 15, 124029.	5.2	25
17	A prompt report on record-breaking snow water scarcity in 2020 in Japan. <i>Suimon Mizu Shigen Gakkaishi</i> , 2020, 33, 111-117.	0.1	0
18	GLOBAL 5-ARCMIN RESOLUTION WATER RESOURCE ASSESSMENT USING THE H08 GLOBAL HYDROLOGICAL MODEL. <i>Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering)</i> , 2020, 76, I_109-I_114.	0.1	0

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19	Quantifying the range of future glacier mass change projections caused by differences among observed past-climate datasets. <i>Climate Dynamics</i> , 2019, 53, 2425-2435.	3.8	4
20	Machine learning for downscaling: the use of parallel multiple populations in genetic programming. <i>Stochastic Environmental Research and Risk Assessment</i> , 2019, 33, 1497-1533.	4.0	25
21	Socio-ecological Interactions in a Changing Climate: A Review of the Mongolian Pastoral System. <i>Sustainability</i> , 2019, 11, 5883.	3.2	22
22	A Physically Based Empirical Localization Method for Assimilating Synthetic SWOT Observations of a Continental-Scale River: A Case Study in the Congo Basin. <i>Water (Switzerland)</i> , 2019, 11, 829.	2.7	16
23	Sensitivity of Global Hydrological Simulations to Groundwater Capillary Flux Parameterizations. <i>Water Resources Research</i> , 2019, 55, 402-425.	4.2	15
24	Mapping daily and seasonally evapotranspiration using remote sensing techniques over the Nile delta. <i>Agricultural Water Management</i> , 2019, 213, 682-692.	5.6	36
25	Visualizing the Interconnections Among Climate Risks. <i>Earth's Future</i> , 2019, 7, 85-100.	6.3	24
26	Developing an overall assessment map for flood hazard on large area watershed using multi-method approach: case study of Wadi Qena watershed, Egypt. <i>Natural Hazards</i> , 2019, 95, 739-767.	3.4	19
27	A framework for pluvial flood risk assessment in Alexandria considering the coping capacity. <i>Environment Systems and Decisions</i> , 2019, 39, 77-94.	3.4	22
28	FUTURE CHANGES IN HYDROPOWER GENERATION IN THE KINGDOM OF BHUTAN UNDER CLIMATE CHANGE. <i>Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering)</i> , 2019, 75, 1_1111-1_1116.	0.1	0
29	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.	4.9	5
30	Improved Forecasting of Extreme Monthly Reservoir Inflow Using an Analogue-Based Forecasting Method: A Case Study of the Sirikit Dam in Thailand. <i>Water (Switzerland)</i> , 2018, 10, 1614.	2.7	23
31	Representing Cloud Water Content of Extensive Cloud Systems Over Land Using Satellite-Based Passive Microwave Observations With a Coupled Land and Atmosphere Assimilation Method. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 12829-12856.	3.3	4
32	Global hydrological simulation to specify the sources of water used by humans. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 789-817.	4.9	170
33	Assessment of Irrigation Water Performance in the Nile Delta Using Remotely Sensed Data. <i>Water (Switzerland)</i> , 2018, 10, 1375.	2.7	11
34	A Quantitative Investigation of the Thresholds for Two Conventional Water Scarcity Indicators Using a State-of-the-Art Global Hydrological Model With Human Activities. <i>Water Resources Research</i> , 2018, 54, 8279-8294.	4.2	34
35	Cooling Water Sufficiency in a Warming World: Projection Using an Integrated Assessment Model and a Global Hydrological Model. <i>Water (Switzerland)</i> , 2018, 10, 872.	2.7	14
36	Risk implications of long-term global climate goals: overall conclusions of the ICA-RUS project. <i>Sustainability Science</i> , 2018, 13, 279-289.	4.9	9

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37	Are water markets globally applicable?. Environmental Research Letters, 2018, 13, 034032.	5.2	50
38	Long-term Changes in Global Socioeconomic Benefits of Flood Defenses and Residual Risk Based on CMIP5 Climate Models. Earth's Future, 2018, 6, 938-954.	6.3	22
39	MODEL BASED OBSERVATION LOCALIZATION WEIGHTING FUNCTION FOR AMAZON MAINSTREAM. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2018, 74, I_157-I_162.	0.1	2
40	ESTIMATING GLOBAL RIVER BATHYMETRY BY ASSIMILATING SYNTHETIC SWOT MEASUREMENTS. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2018, 74, I_307-I_312.	0.1	3
41	A high-accuracy map of global terrain elevations. Geophysical Research Letters, 2017, 44, 5844-5853.	4.0	772
42	Compound simulation of fluvial floods and storm surges in a global coupled river-coast flood model: Model development and its application to 2007 cyclone strike in Bangladesh. Journal of Advances in Modeling Earth Systems, 2017, 9, 1847-1862.	3.8	102
43	Relative contributions of weather systems to mean and extreme global precipitation. Journal of Geophysical Research D: Atmospheres, 2017, 122, 152-167.	3.3	51
44	An Economic Assessment of the Global Potential for Seawater Desalination to 2050. Water (Switzerland), 2017, 9, 763.	2.7	66
45	APPLICATION OF DATA ASSIMILATION FOR A GLOBAL RIVER MODEL: A VIRTUAL EXPERIMENT AT THE AMAZON BASIN. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2017, 73, I_175-I_180.	0.1	2
46	CONSIDERATIONS ON THE USE OF QUANTILE MAPPING BIAS CORRECTION FOR THE IMPACT ASSESSMENT OF CLIMATE CHANGE. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2017, 73, I_121-I_126.	0.1	0
47	A seawater desalination scheme for global hydrological models. Hydrology and Earth System Sciences, 2016, 20, 4143-4157.	4.9	35
48	A comparative performance analysis of three standardized climatic drought indices in the Chi River basin, Thailand. Agriculture and Natural Resources, 2016, 50, 211-219.	0.1	64
49	Which weather systems are projected to cause future changes in mean and extreme precipitation in CMIP5 simulations?. Journal of Geophysical Research D: Atmospheres, 2016, 121, 10,522.	3.3	21
50	THE SPATIAL RESOLUTION IMPROVEMENT OF GLOBAL WATER BODY MAP USING MULTI-TEMPORAL LANDSAT DATA. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2016, 72, I_421-I_426.	0.1	1
51	MONTHLY RESERVOIR INFLOW FORECASTING IN THAILAND: A COMPARISON OF ANN-BASED AND HISTORICAL ANALOUGE-BASED METHODS. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2016, 72, I_7-I_12.	0.1	0
52	Contributions of natural and anthropogenic radiative forcing to mass loss of Northern Hemisphere mountain glaciers and quantifying their uncertainties. Scientific Reports, 2016, 6, 29723.	3.3	6
53	Modeling complex flow dynamics of fluvial floods exacerbated by sea level rise in the Ganges-Brahmaputra-Meghna Delta. Environmental Research Letters, 2015, 10, 124011.	5.2	40
54	Generalized method to estimate value of urban assets for natural disaster risk assessment at the macro scale. Hydrological Research Letters, 2015, 9, 103-106.	0.5	1

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55	FACTORS AFFECTING WATER TRADES: LESSON FROM CALIFORNIA, AUSTRALIA AND CHILE. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2015, 71, I_1357-I_1362.	0.1	0
56	THE EVALUATION OF WATER USE EFFICIENCY BASED ON ECONOMIC PERSPECTIVE IN CHINA FOR THE PERIOD 1999-2011. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2015, 71, I_145-I_150.	0.1	0
57	&lt;i>&gt;FluxPro&lt;/i> as a realtime monitoring and surveilling system for eddy covariance flux measurement. J Agricultural Meteorology, 2015, 71, 32-50.	1.5	10
58	Predictability of Persistent Thailand Rainfall during the Mature Monsoon Season in 2011 Using Statistical Downscaling of CGCM Seasonal Prediction. Monthly Weather Review, 2015, 143, 1166-1178.	1.4	9
59	Incorporation of groundwater pumping in a global Land Surface Model with the representation of human impacts. Water Resources Research, 2015, 51, 78-96.	4.2	162
60	Re-evaluation of future water stress due to socio-economic and climate factors under a warming climate. Hydrological Sciences Journal, 2015, 60, 14-29.	2.6	35
61	Long-term analysis of evapotranspiration over a diverse land use area in northern Thailand. Hydrological Research Letters, 2014, 8, 45-50.	0.5	13
62	An assessment of global net irrigation water requirements from various water supply sources to sustain irrigation: rivers and reservoirs (1960â€”2050). Hydrology and Earth System Sciences, 2014, 18, 4289-4310.	4.9	49
63	Application of performance metrics to climate models for projecting future river discharge in the Chao Phraya River basin. Hydrological Research Letters, 2014, 8, 33-38.	0.5	40
64	Temporal Downscaling of Daily Gauged Precipitation by Application of a Satellite Product for Flood Simulation in a Poorly Gauged Basin and Its Evaluation with Multiple Regression Analysis. Journal of Hydrometeorology, 2014, 15, 563-580.	1.9	21
65	Flood risk and climate change: global and regional perspectives. Hydrological Sciences Journal, 2014, 59, 1-28.	2.6	998
66	Global-scale projection and its sensitivity analysis of the health burden attributable to childhood undernutrition under the latest scenario framework for climate change research. Environmental Research Letters, 2014, 9, 064014.	5.2	18
67	Global assessment of agreement among streamflow projections using CMIP5 model outputs. Environmental Research Letters, 2014, 9, 064017.	5.2	104
68	Representing Variability in Subgrid Snow Cover and Snow Depth in a Global Land Model: Offline Validation. Journal of Climate, 2014, 27, 3318-3330.	3.2	48
69	Projection of future world water resources under SRES scenarios: an integrated assessment. Hydrological Sciences Journal, 2014, 59, 1775-1793.	2.6	42
70	Satellite-based assessment of large-scale land cover change in Asian arid regions in the period of 2001â€”2009. Environmental Earth Sciences, 2014, 71, 3935-3944.	2.7	6
71	Illustrating a new global-scale approach to estimating potential reduction in fish species richness due to flow alteration. Hydrology and Earth System Sciences, 2014, 18, 621-630.	4.9	14
72	Regional flood dynamics in a bifurcating mega delta simulated in a global river model. Geophysical Research Letters, 2014, 41, 3127-3135.	4.0	78

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73	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.	3.3	16
74	MODELING THE IMPACT OF SEA LEVEL RISE TO POTENTIAL FLOOD DAMAGE IN THE MEKONG. <i>Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering)</i> , 2014, 70, I_103-I_108.	0.1	0
75	GLOBAL WATER RESOURCE MODEL TAKING INTO ACCOUNT IRRIGATION WATER WITHDRAWAL FROM NONLOCAL WATER RESOURCES. <i>Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic)</i> Tj ETQq1 1 0.784314 ngBT /Overlock 1001	0.1	0
76	FUTURE PROJECTION OF ECONOMIC LOSS CAUSED BY TROPICAL CYCLONES AT GLOBAL SCALE. <i>Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering)</i> , 2014, 70, I_469-I_474.	0.1	0
77	AN EVALUATION OF POTENTIAL RISK FOR TRANS-BOUNDARY WATER CONFLICT IN INTERNATIONAL RIVER BASINS. <i>Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering)</i> , 2014, 70, I_475-I_480.	0.1	0
78	ASSESSMENT OF FUTURE HEALTH DAMAGE ATTRIBUTABLE TO UNDERNOURISHMENT UNDER THE LATEST SCENARIO FRAMEWORK. <i>Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering)</i> , 2014, 70, I_463-I_468.	0.1	0
79	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.	3.3	93
80	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.	2.6	15
81	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.	4.8	7
82	Global flood risk under climate change. <i>Nature Climate Change</i> , 2013, 3, 816-821.	18.8	1,892
83	Reply to 'Overestimated water storage'. <i>Nature Geoscience</i> , 2013, 6, 3-4.	12.9	4
84	A global water scarcity assessment under Shared Socio-economic Pathways - Part 1: Water use. <i>Hydrology and Earth System Sciences</i> , 2013, 17, 2375-2391.	4.9	154
85	A global water scarcity assessment under Shared Socio-economic Pathways - Part 2: Water availability and scarcity. <i>Hydrology and Earth System Sciences</i> , 2013, 17, 2393-2413.	4.9	239
86	ESTIMATION AND PREDICTION OF WATER AVAILABILITY AND WATER WITHDRAWAL IN INDIA. <i>Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering)</i> , 2013, 69, I_145-I_150.	0.1	2
87	Projection of glacier mass changes under a high-emission climate scenario using the global glacier model HYOGA2. <i>Hydrological Research Letters</i> , 2013, 7, 6-11.	0.5	40
88	Incorporating Anthropogenic Water Regulation Modules into a Land Surface Model. <i>Journal of Hydrometeorology</i> , 2012, 13, 255-269.	1.9	226
89	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	2
90	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	0

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91	DEVELOPMENT AND VALIDATION OF A GLOBAL GLACIER MODEL HYOGA2 WITH DISTRIBUTED GLACIER INFORMATION OVER EUROPE. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2012, 68, I_301-I_306.	0.1	1
92	GLOBAL SIMULATION OF GROUNDWATER RECHARGE, WATER TABLE DEPTH, AND LOW FLOW USING A LAND SURFACE MODEL WITH GROUNDWATER REPRESENTATION. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2012, 68, I_211-I_216.	0.1	3
93	ASSESSMENT OF GLOBAL LAND EXPANTION AND BIOENERGY POTENTIAL UNDER FOOD DEMAND SCENARIOS WITH A GLOBAL WATER RESOURCES MODEL. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic) Tj ETQq1.1 0.784614 rgBT	0.1	0
94	ESTIMATION OF THE TROPICAL GLACIER IN BOLIVIA USING SATELLITE IMAGERY. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2012, 68, I_307-I_312.	0.1	0
95	Changes in Climate Extremes and their Impacts on the Natural Physical Environment. , 2012, , 109-230.		1,080
96	Interannual variability of $H_{2O}$ in precipitation over the Asian monsoon region. Journal of Geophysical Research, 2012, 117, .	3.3	52
97	Intercomparison of bias correction methods for monthly temperature and precipitation simulated by multiple climate models. Journal of Geophysical Research, 2012, 117, .	3.3	134
98	Analysis of the water level dynamics simulated by a global river model: A case study in the Amazon River. Water Resources Research, 2012, 48, .	4.2	94
99	Ecological and hydrological responses to climate change in an urban-forested catchment, Nagara River basin, Japan. Urban Climate, 2012, 1, 40-54.	5.7	13
100	SPATIAL AND TEMPORAL ESTIMATION OF GLOBAL WATER WITHDRAWALS FROM 1950 TO 2000 BASED ON STATISTICAL DATA. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2012, 68, I_217-I_222.	0.1	4
101	Model estimates of sea-level change due to anthropogenic impacts on terrestrial water storage. Nature Geoscience, 2012, 5, 389-392.	12.9	201
102	The onset of the West African monsoon simulated in a high-resolution atmospheric general circulation model with reanalyzed soil moisture fields. Atmospheric Science Letters, 2012, 13, 103-107.	1.9	10
103	On the relationship between the Bowen ratio and the near-surface air temperature. Theoretical and Applied Climatology, 2012, 108, 135-145.	2.8	24
104	Adjustment of a spaceborne DEM for use in floodplain hydrodynamic modeling. Journal of Hydrology, 2012, 436-437, 81-91.	5.4	107
105	Testing the hypothesis on the relationship between aerodynamic roughness length and albedo using vegetation structure parameters. International Journal of Biometeorology, 2012, 56, 411-418.	3.0	18
106	A physically based description of floodplain inundation dynamics in a global river routing model. Water Resources Research, 2011, 47, .	4.2	527
107	Does higher surface temperature intensify extreme precipitation?. Geophysical Research Letters, 2011, 38, n/a-n/a.	4.0	290
108	Development of a global flood risk index based on natural and socio-economic factors. Hydrological Sciences Journal, 2011, 56, 789-804.	2.6	28

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109	Long-term changes in flood event patterns due to changes in hydrological distribution parameters in a rural-urban catchment, Shikoku, Japan. Atmospheric Research, 2011, 101, 164-177.	4.1	20
110	Assessment of global nitrogen pollution in rivers using an integrated biogeochemical modeling framework. Water Research, 2011, 45, 2573-2586.	11.3	115
111	Tolerance of eddy covariance flux measurement. Hydrological Research Letters, 2011, 5, 73-77.	0.5	5
112	STUDIES ON THE METHODS OF BIAS CORRECTION FOR GENERAL CIRCULATION MODEL'S MONTHLY PRECIPITATION AND THEIR APPLICATION TO MIROC5'S OUTPUTS. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2011, 67, I_469-I_474.	0.1	0
113	RELATIONS OF HOURLY PRECIPITATION EXTREMES AND TEMPERATURE OVER JAPAN BASED ON GROUND OBSERVATIONAL RECORDS. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2011, 67, I_307-I_312.	0.1	0
114	MODELING WORLD BIOENERGY CROP POTENTIAL. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2011, 67, I_265-I_270.	0.1	0
115	The effects of annual precipitation and mean air temperature on annual runoff in global forest regions. Climatic Change, 2011, 108, 401-410.	3.6	9
116	Estimating monthly total nitrogen concentration in streams by using artificial neural network. Journal of Environmental Management, 2011, 92, 172-177.	7.8	51
117	Toward global-scale data assimilation using SWOT: Requirements for global hydrodynamics models. , 2011, , .		3
118	River Floods in the Changing Climate- Observations and Projections. Water Resources Management, 2010, 24, 2633-2646.	3.9	121
119	An estimation of global virtual water flow and sources of water withdrawal for major crops and livestock products using a global hydrological model. Journal of Hydrology, 2010, 384, 232-244.	5.4	284
120	Global-scale modeling of glacier mass balances for water resources assessments: Glacier mass changes between 1948 and 2006. Journal of Hydrology, 2010, 390, 245-256.	5.4	70
121	The effect of estimated PAR uncertainties on the physiological processes of biosphere models. Ecological Modelling, 2010, 221, 1575-1579.	2.5	10
122	A study on the relationship between Atlantic sea surface temperature and Amazonian greenness. Ecological Informatics, 2010, 5, 367-378.	5.2	10
123	First estimate of the future global population at risk of flooding. Hydrological Research Letters, 2009, 3, 6-9.	0.5	70
124	Deriving a global river network map and its sub-grid topographic characteristics from a fine-resolution flow direction map. Hydrology and Earth System Sciences, 2009, 13, 2241-2251.	4.9	110
125	Integrated biogeochemical modelling of nitrogen load from anthropogenic and natural sources in Japan. Ecological Modelling, 2009, 220, 2325-2334.	2.5	17
126	Role of rivers in the seasonal variations of terrestrial water storage over global basins. Geophysical Research Letters, 2009, 36, .	4.0	140

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127	Impact of vegetation coverage on regional water balance in the nonhumid regions of China. <i>Water Resources Research</i> , 2009, 45, .	4.2	254
128	Global Warming and the Water Crisis. <i>Journal of Health Science</i> , 2009, 55, 860-864.	0.9	13
129	A spatial analysis of hydroclimatic and vegetation condition trends in the Yellow River basin. <i>Hydrological Processes</i> , 2008, 22, 451-458.	2.6	34
130	Long-range transport of acidifying substances in East Asia—Part II: Source-receptor relationships. <i>Atmospheric Environment</i> , 2008, 42, 5956-5967.	4.1	63
131	Long-range transport of acidifying substances in East Asia—Part I: Model evaluation and sensitivity studies. <i>Atmospheric Environment</i> , 2008, 42, 5939-5955.	4.1	33
132	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.	3.2	109
133	Projection of future world water resources under SRES scenarios: water withdrawal / Projection des ressources en eau mondiales futures selon les scénarios du RSSE: prélévement d'eau. <i>Hydrological Sciences Journal</i> , 2008, 53, 11-33.	2.6	164
134	Global projections of changing risks of floods and droughts in a changing climate. <i>Hydrological Sciences Journal</i> , 2008, 53, 754-772.	2.6	347
135	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.	0.0	1
136	A GRID BASED ASSESSMENT OF GLOBAL THEORETICAL HYDROPOWER POTENTIAL. <i>Proceedings of Hydraulic Engineering</i> , 2008, 52, 7-12.	0.0	14
137	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.	4.9	341
138	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.	0.5	32
139	Importance of wind-induced undercatch adjustment in a gauge-based analysis of daily precipitation over Japan. <i>Hydrological Research Letters</i> , 2008, 2, 47-51.	0.5	6
140	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.	4.9	474
141	A 59-year (1948-2006) global near-surface meteorological data set for land surface models. Part I: Development of daily forcing and assessment of precipitation intensity. <i>Hydrological Research Letters</i> , 2008, 2, 36-40.	0.5	62
142	A 59-year (1948-2006) global meteorological forcing data set for land surface models. Part II: Global snowfall estimation. <i>Hydrological Research Letters</i> , 2008, 2, 65-69.	0.5	21
143	The Influence of Precipitation Variability and Partial Irrigation within Grid Cells on a Hydrological Simulation. <i>Journal of Hydrometeorology</i> , 2007, 8, 499-512.	1.9	114
144	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.	0.3	5

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145	DEVELOPMENT AND VERIFICATION OF A PREDICTING SYSTEM OF RIVER DISCHARGE OVER JAPAN JMA-MSM-GPV. Proceedings of Hydraulic Engineering, 2007, 51, 403-408.	0.0	6
146	DEVELOPMENT OF A GLOBAL INTEGRATED WATER RESOURCES MODEL FOR WATER RESOURCES ASSESSMENTS UNDER CLIMATE CHANGE. Proceedings of Hydraulic Engineering, 2007, 51, 229-234.	0.0	1
147	PREDICTABILITY OF PRECIPITATION IN THE INDIAN SUMMER MONSOON REGION. Proceedings of Hydraulic Engineering, 2007, 51, 313-318.	0.0	0
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