Shinjiro Kanae

List of Publications by Year
in descending order

192	20,515	36303	11939
papers	citations	51 h-index	134 g-index

203	203	203	18357
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Global Hydrological Cycles and World Water Resources. Science, 2006, 313, 1068-1072.	12.6	3,042
2	Regions of Strong Coupling Between Soil Moisture and Precipitation. Science, 2004, 305, 1138-1140.	12.6	2,337
3	Global flood risk under climate change. Nature Climate Change, 2013, 3, 816-821.	18.8	1,892
4	Changes in Climate Extremes and their Impacts on the Natural Physical Environment. , 2012, , 109-230.		1,080
5	Flood risk and climate change: global and regional perspectives. Hydrological Sciences Journal, 2014, 59, 1-28.	2.6	998
6	A highâ€accuracy map of global terrain elevations. Geophysical Research Letters, 2017, 44, 5844-5853.	4.0	772
7	GLACE: The Global Landâ€“Atmosphere Coupling Experiment. Part I: Overview. Journal of Hydrometeorology, 2006, 7, 590-610.	1.9	616
8	Global potential soil erosion with reference to land use and climate changes. Hydrological Processes, 2003, 17, 2913-2928.	2.6	534
9	A physically based description of floodplain inundation dynamics in a global river routing model. Water Resources Research, 2011, 47, .	4.2	527
10	An integrated model for the assessment of global water resources â€“ Part 1: Model description and input meteorological forcing. Hydrology and Earth System Sciences, 2008, 12, 1007-1025.	4.9	474
11	A reservoir operation scheme for global river routing models. Journal of Hydrology, 2006, 327, 22-41.	5.4	353
12	Global projections of changing risks of floods and droughts in a changing climate. Hydrological Sciences Journal, 2008, 53, 754-772.	2.6	347
13	An integrated model for the assessment of global water resources â€“ Part 2: Applications and assessments. Hydrology and Earth System Sciences, 2008, 12, 1027-1037.	4.9	341
14	GLACE: The Global Landâ€“Atmosphere Coupling Experiment. Part II: Analysis. Journal of Hydrometeorology, 2006, 7, 611-625.	1.9	337
15	Does higher surface temperature intensify extreme precipitation?. Geophysical Research Letters, 2011, 38, n/a-n/a.	4.0	290
16	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
17	Impact of vegetation coverage on regional water balance in the nonhumid regions of China. Water Resources Research, 2009, 45, .	4.2	254
18	A global water scarcity assessment under Shared Socio-economic Pathways â€“ Part 2: Water availability and scarcity. Hydrology and Earth System Sciences, 2013, 17, 2393-2413.	4.9	239

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19	Incorporating Anthropogenic Water Regulation Modules into a Land Surface Model. Journal of Hydrometeorology, 2012, 13, 255-269.	1.9	226
20	Virtual water trade and world water resources. Water Science and Technology, 2004, 49, 203-209.	2.5	204
21	Model estimates of sea-level change due toÂanthropogenic impacts on terrestrial waterÂstorage. Nature Geoscience, 2012, 5, 389-392.	12.9	201
22	Global assessment of current water resources using total runoff integrating pathways. Hydrological Sciences Journal, 2001, 46, 983-995.	2.6	193
23	AÂglobal hydrological simulation to specify the sources of water used by humans. Hydrology and Earth System Sciences, 2018, 22, 789-817.	4.9	170
24	Projection of future world water resources under SRES scenarios: water withdrawal / Projection des ressources en eau mondiales futures selon les scÃ©narios du RSSE: prÃ©lÃ¨vement d'eau. Hydrological Sciences Journal, 2008, 53, 11-33.	2.6	164
25	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
26	A global water scarcity assessment under Shared Socio-economic Pathways â€“ Part 1: Water use. Hydrology and Earth System Sciences, 2013, 17, 2375-2391.	4.9	154
27	Impact of Deforestation on Regional Precipitation over the Indochina Peninsula. Journal of Hydrometeorology, 2001, 2, 51-70.	1.9	145
28	Role of rivers in the seasonal variations of terrestrial water storage over global basins. Geophysical Research Letters, 2009, 36, .	4.0	140
29	Intercomparison of biasâ€correction methods for monthly temperature and precipitation simulated by multiple climate models. Journal of Geophysical Research, 2012, 117, .	3.3	134
30	River Floods in the Changing Climateâ€”Observations and Projections. Water Resources Management, 2010, 24, 2633-2646.	3.9	121
31	Assessment of global nitrogen pollution in rivers using an integrated biogeochemical modeling framework. Water Research, 2011, 45, 2573-2586.	11.3	115
32	The Influence of Precipitation Variability and Partial Irrigation within Grid Cells on a Hydrological Simulation. Journal of Hydrometeorology, 2007, 8, 499-512.	1.9	114
33	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
34	Hydrological Cycles Change in the Yellow River Basin during the Last Half of the Twentieth Century. Journal of Climate, 2008, 21, 1790-1806.	3.2	109
35	Adjustment of a spaceborne DEM for use in floodplain hydrodynamic modeling. Journal of Hydrology, 2012, 436-437, 81-91.	5.4	107
36	Global assessment of agreement among streamflow projections using CMIP5 model outputs. Environmental Research Letters, 2014, 9, 064017.	5.2	104

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37	Compound simulation of fluvial floods and storm surges in a global coupled riverâ€coast flood model: Model development and its application to 2007 <scp>C</scp>yclone <scp>S</scp>idr in <scp>B</scp>angladesh. Journal of Advances in Modeling Earth Systems, 2017, 9, 1847-1862.	3.8	102
38	A quantitative analysis of short-term18O variability with a Rayleigh-type isotope circulation model. Journal of Geophysical Research, 2003, 108, .	3.3	98
39	A grid-based assessment of global water scarcity including virtual water trading. Water Resources Management, 2006, 21, 19-33.	3.9	96
40	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
41	Globalâ€scale land surface hydrologic modeling with the representation of water table dynamics. Journal of Geophysical Research D: Atmospheres, 2014, 119, 75-89.	3.3	93
42	Colored Moisture Analysis Estimates of Variations in 1998 Asian Monsoon Water Sources. Journal of the Meteorological Society of Japan, 2004, 82, 1315-1329.	1.8	87
43	Iso-MATSIRO, a land surface model that incorporates stable water isotopes. Global and Planetary Change, 2006, 51, 90-107.	3.5	82
44	Regional flood dynamics in a bifurcating mega delta simulated in a global river model. Geophysical Research Letters, 2014, 41, 3127-3135.	4.0	78
45	Differences in flood hazard projections in Europe â€“ their causes and consequences for decision making. Hydrological Sciences Journal, 0, , .	2.6	74
46	First estimate of the future global population at risk of flooding. Hydrological Research Letters, 2009, 3, 6-9.	0.5	70
47	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
48	A 100-year (1901â€“2000) global retrospective estimation of the terrestrial water cycle. Journal of Geophysical Research, 2005, 110, .	3.3	68
49	An Economic Assessment of the Global Potential for Seawater Desalination to 2050. Water (Switzerland), 2017, 9, 763.	2.7	66
50	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
51	Long-range transport of acidifying substances in East Asiaâ€”Part IISourceâ€“receptor relationships. Atmospheric Environment, 2008, 42, 5956-5967.	4.1	63
52	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. Hydrological Research Letters, 2008, 2, 36-40.	0.5	62
53	Changes in Hourly Heavy Precipitation at Tokyo from 1890 to 1999. Journal of the Meteorological Society of Japan, 2004, 82, 241-247.	1.8	53
54	Interannual variability of H₂¹⁸O in precipitation over the Asian monsoon region. Journal of Geophysical Research, 2012, 117, .	3.3	52

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55	Estimating monthly total nitrogen concentration in streams by using artificial neural network. Journal of Environmental Management, 2011, 92, 172-177.	7.8	51
56	Relative contributions of weather systems to mean and extreme global precipitation. Journal of Geophysical Research D: Atmospheres, 2017, 122, 152-167.	3.3	51
57	Are water markets globally applicable?. Environmental Research Letters, 2018, 13, 034032.	5.2	50
58	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
59	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
60	Projection of future world water resources under SRES scenarios: an integrated assessment. Hydrological Sciences Journal, 2014, 59, 1775-1793.	2.6	42
61	Projection of glacier mass changes under a high-emission climate scenario using the global glacier model HYOGA2. Hydrological Research Letters, 2013, 7, 6-11.	0.5	40
62	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
63	Modeling complex flow dynamics of fluvial floods exacerbated by sea level rise in the Gangesâ€“Brahmaputraâ€“Meghna Delta. Environmental Research Letters, 2015, 10, 124011.	5.2	40
64	Mapping daily and seasonally evapotranspiration using remote sensing techniques over the Nile delta. Agricultural Water Management, 2019, 213, 682-692.	5.6	36
65	A review of climate-change impact and adaptation studies for the water sector in Thailand. Environmental Research Letters, 2021, 16, 023004.	5.2	36
66	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
67	A seawater desalination scheme for global hydrological models. Hydrology and Earth System Sciences, 2016, 20, 4143-4157.	4.9	35
68	A spatial analysis of hydroâ€climatic and vegetation condition trends in the Yellow River basin. Hydrological Processes, 2008, 22, 451-458.	2.6	34
69	A Quantitative Investigation of the Thresholds for Two Conventional Water Scarcity Indicators Using a Stateâ€ofâ€theâ€Art Global Hydrological Model With Human Activities. Water Resources Research, 2018, 54, 8279-8294.	4.2	34
70	Long-range transport of acidifying substances in East Asiaâ€”Part IModel evaluation and sensitivity studies. Atmospheric Environment, 2008, 42, 5939-5955.	4.1	33
71	Toward flood risk prediction: a statistical approach using a 29-year river discharge simulation over Japan. Hydrological Research Letters, 2008, 2, 22-26.	0.5	32
72	Influence of â€œRealisticâ€•Land Surface Wetness on Predictability of Seasonal Precipitation in Boreal Summer. Journal of Climate, 2006, 19, 1450-1460.	3.2	30

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73	Development of a global flood risk index based on natural and socio-economic factors. Hydrological Sciences Journal, 2011, 56, 789-804.	2.6	28
74	Virtual water trade and world water resources. Water Science and Technology, 2004, 49, 203-9.	2.5	26
75	Machine learning for downscaling: the use of parallel multiple populations in genetic programming. Stochastic Environmental Research and Risk Assessment, 2019, 33, 1497-1533.	4.0	25
76	Flood-induced population displacements in the world. Environmental Research Letters, 2020, 15, 124029.	5.2	25
77	Global Soil Loss Estimate Using RUSLE Model: The Use of Global Spatial Datasets on Estimating Erosive Parameters.. Geoinformatics, 2003, 14, 49-53.	0.1	24
78	On the relationship between the Bowen ratio and the near-surface air temperature. Theoretical and Applied Climatology, 2012, 108, 135-145.	2.8	24
79	Visualizing the Interconnections Among Climate Risks. Earth's Future, 2019, 7, 85-100.	6.3	24
80	Application of the Simple Biosphere Model(SiB2) to a Paddy Field for a Period of Growing Season in GAME-Tropics.. Journal of the Meteorological Society of Japan, 2001, 79, 387-400.	1.8	23
81	Application of RUSLE Model on Global Soil Erosion Estimate. Proceedings of Hydraulic Engineering, 2001, 45, 811-816.	0.0	23
82	Improved Forecasting of Extreme Monthly Reservoir Inflow Using an Analogue-Based Forecasting Method: A Case Study of the Sirikit Dam in Thailand. Water (Switzerland), 2018, 10, 1614.	2.7	23
83	Simulation of potential impacts of land use/cover changes on surface water fluxes in the Chaophraya river basin, Thailand. Journal of Geophysical Research, 2005, 110, .	3.3	22
84	A DISTRIBUTED BIOSPHERE HYDROLOGICAL MODEL (DBHM) FOR LARGE RIVER BASIN. Proceedings of Hydraulic Engineering, 2006, 50, 37-42.	0.0	22
85	Longâ€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
86	Socio-ecological Interactions in a Changing Climate: A Review of the Mongolian Pastoral System. Sustainability, 2019, 11, 5883.	3.2	22
87	A framework for pluvial flood risk assessment in Alexandria considering the coping capacity. Environment Systems and Decisions, 2019, 39, 77-94.	3.4	22
88	Estimation of Predictability with a Newly Derived Index to Quantify Similarity among Ensemble Members. Monthly Weather Review, 2007, 135, 2674-2687.	1.4	21
89	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
90	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

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91	A 59-year (1948-2006) global meteorological forcing data set for land surface models. Part II: Global snowfall estimation. Hydrological Research Letters, 2008, 2, 65-69.	0.5	21
92	Long-term changes in flood event patterns due to changes in hydrological distribution parameters in a ruralâ€“urban catchment, Shikoku, Japan. Atmospheric Research, 2011, 101, 164-177.	4.1	20
93	Developing an overall assessment map for flood hazard on large area watershed using multi-method approach: case study of Wadi Qena watershed, Egypt. Natural Hazards, 2019, 95, 739-767.	3.4	19
94	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
95	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
96	Principal condition for the earliest Asian summer monsoon onset. Geophysical Research Letters, 2002, 29, 36-1-36-4.	4.0	17
97	Integrated biogeochemical modelling of nitrogen load from anthropogenic and natural sources in Japan. Ecological Modelling, 2009, 220, 2325-2334.	2.5	17
98	Climatological characteristics of fronts in the western North Pacific based on surface weather charts. Journal of Geophysical Research D: Atmospheres, 2014, 119, 9400-9418.	3.3	16
99	A Physically Based Empirical Localization Method for Assimilating Synthetic SWOT Observations of a Continental-Scale River: A Case Study in the Congo Basin. Water (Switzerland), 2019, 11, 829.	2.7	16
100	Seasonal variation of landâ€“atmosphere coupling strength over the West African monsoon region in an atmospheric general circulation model. Hydrological Sciences Journal, 2013, 58, 1276-1286.	2.6	15
101	Sensitivity of Global Hydrological Simulations to Groundwater Capillary Flux Parameterizations. Water Resources Research, 2019, 55, 402-425.	4.2	15
102	A GRID BASED ASSESSMENT OF GLOBAL THEORETICAL HYDROPOWER POTENTIAL. Proceedings of Hydraulic Engineering, 2008, 52, 7-12.	0.0	14
103	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
104	Cooling Water Sufficiency in a Warming World: Projection Using an Integrated Assessment Model and a Global Hydrological Model. Water (Switzerland), 2018, 10, 872.	2.7	14
105	Global Warming and the Water Crisis. Journal of Health Science, 2009, 55, 860-864.	0.9	13
106	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
107	Long-term analysis of evapotranspiration over a diverse land use area in northern Thailand. Hydrological Research Letters, 2014, 8, 45-50.	0.5	13
108	Toward hyper-resolution global hydrological models including human activities: application to Kyushu island, Japan. Hydrology and Earth System Sciences, 2022, 26, 1953-1975.	4.9	12

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109	Assessment of Irrigation Water Performance in the Nile Delta Using Remotely Sensed Data. Water (Switzerland), 2018, 10, 1375.	2.7	11
110	The effect of estimated PAR uncertainties on the physiological processes of biosphere models. Ecological Modelling, 2010, 221, 1575-1579.	2.5	10
111	A study on the relationship between Atlantic sea surface temperature and Amazonian greenness. Ecological Informatics, 2010, 5, 367-378.	5.2	10
112	The onset of the West African monsoon simulated in a highâ€resolution atmospheric general circulation model with reanalyzed soil moisture fields. Atmospheric Science Letters, 2012, 13, 103-107.	1.9	10
113	<i>FluxPro</i> as a realtime monitoring and surveilling system for eddy covariance flux measurement. J Agricultural Meteorology, 2015, 71, 32-50.	1.5	10
114	Pre-Monsoon Rain and Its Relationship with Monsoon Onset over the Indochina Peninsula. Frontiers in Earth Science, 0, 4, .	1.8	10
115	Use of Seasonal Streamflow Forecasts for Flood Mitigation with Adaptive Reservoir Operation: A Case Study of the Chao Phraya River Basin, Thailand, in 2011. Water (Switzerland), 2020, 12, 3210.	2.7	10
116	Alleviation approach for flash flood risk reduction in urban dwellings: A case study of Fifth District, Egypt. Urban Climate, 2022, 42, 101130.	5.7	10
117	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
118	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
119	Risk implications of long-term global climate goals: overall conclusions of the ICA-RUS project. Sustainability Science, 2018, 13, 279-289.	4.9	9
120	A Framework for Estimating Globalâ€Scale River Discharge by Assimilating Satellite Altimetry. Water Resources Research, 2021, 57, e2020WR027876.	4.2	9
121	Application of Satellite-Derived Surface Soil Moisture Data to Simulating Seasonal Precipitation by a Simple Soil Moisture Transfer Method. Journal of Hydrometeorology, 2003, 4, 929-943.	1.9	8
122	Difference in the Priestleyâ€“Taylor coefficients at two different heights of a tall micrometeorological tower. Agricultural and Forest Meteorology, 2013, 180, 97-101.	4.8	7
123	Snow water scarcity induced by record-breaking warm winter in 2020 in Japan. Scientific Reports, 2020, 10, 18541.	3.3	7
124	Examining the downstream geomorphic impact of a large dam under climate change. Catena, 2021, 196, 104850.	5.0	7
125	Response of vegetation to submergence along Jingjiang Reach of the Yangtze River. PLoS ONE, 2021, 16, e0251015.	2.5	7
126	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

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127	Importance of wind-induced undercatch adjustment in a gauge-based analysis of daily precipitation over Japan. Hydrological Research Letters, 2008, 2, 47-51.	0.5	6
128	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
129	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
130	Current Situation and Future Perspectives on Global Hydrologic Cycles, Water Balances, and World Freshwater Resources. Journal of Geography (Chigaku Zasshi), 2007, 116, 31-42.	0.3	5
131	Tolerance of eddy covariance flux measurement. Hydrological Research Letters, 2011, 5, 73-77.	0.5	5
132	Towards the incorporation of tipping elements in global climate risk management: probability and potential impacts of passing a threshold. Sustainability Science, 2018, 13, 315-328.	4.9	5
133	A grid-based assessment of global water scarcity including virtual water trading. , 2006, , 19-33.		4
134	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
135	Reply to 'Overestimated water storage'. Nature Geoscience, 2013, 6, 3-4.	12.9	4
136	Representing Cloud Water Content of Extensive Cloud Systems Over Land Using Satelliteâ€Based Passive Microwave Observations With a Coupled Land and Atmosphere Assimilation Method. Journal of Geophysical Research D: Atmospheres, 2018, 123, 12829-12856.	3.3	4
137	Quantifying the range of future glacier mass change projections caused by differences among observed past-climate datasets. Climate Dynamics, 2019, 53, 2425-2435.	3.8	4
138	Potential of a SAR Small-Satellite Constellation for Rapid Monitoring of Flood Extent. Remote Sensing, 2021, 13, 1959.	4.0	4
139	Toward global-scale data assimilation using SWOT: Requirements for global hydrodynamics models. , 2011, , .		3
140	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
141	Radiative Characteristics at 89 and 36 GHz for Satellite-Based Cloud Water Estimation Over Land. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 1355-1368.	6.3	3
142	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
143	Identification of low-flow parameters a using hydrological model in selected mountainous basins in Japan. Proceedings of the International Association of Hydrological Sciences, 0, 364, 51-56.	1.0	3
144	CHANGES IN RIVER NITRATE TRANSPORT OF THE WORLD RESULTED FROM INCREASE IN FERTILIZER USE. Proceedings of Hydraulic Engineering, 2005, 49, 1495-1500.	0.0	2

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145	REPRESENTATION OF SUBGRID SCALE SNOW COVER AND SNOW DEPTH VARIABILITIES IN A GLOBAL LAND MODEL. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2012, 68, I_325-I_330.	0.1	2
146	ESTIMATION AND PREDICTION OF WATER AVAILABILITY AND WATER WITHDRAWAL IN INDIA. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2013, 69, I_145-I_150.	0.1	2
147	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
148	Predicting damâ€related downstream geomorphic response with widely available stream gauge data: A case study of the Godavari River Basin, India. Singapore Journal of Tropical Geography, 2020, 41, 284-298.	0.9	2
149	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
150	The Impact of Soil Moisture on Precipitation in a Regional Climate Model.. Suimon Mizu Shigen Gakkaishi, 1998, 11, 482-491.	0.1	1
151	ANALYSES OF GLOBAL LAND COVER INFORMATION USING BACKSCATTERING COEFFICIENTS BY TRMM-PR. Proceedings of Hydraulic Engineering, 2000, 44, 259-264.	0.0	1
152	DEVELOPMENT OF GLOBALLY APPLICABLE RESERVOIR OPERATION MODEL. Proceedings of Hydraulic Engineering, 2003, 47, 181-186.	0.0	1
153	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
154	DETAILED ANALYSIS ON THE VIRTUAL WATER IMPORT TO JAPAN FOCUSING ON THE ORIGIN OF WATER SUPPLY. Proceedings of Hydraulic Engineering, 2008, 52, 367-372.	0.0	1
155	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
156	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
157	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
158	Generalization of parameters in the storageâ€“discharge relation for a low flow based on the hydrological analysis of sensitivity. Proceedings of the International Association of Hydrological Sciences, 0, 371, 69-73.	1.0	1
159	Estimation of Areas Within a Cartesian Grid Box Considering the Ellipticity of the Earth.. Suimon Mizu Shigen Gakkaishi, 1997, 10, 371-374.	0.1	1
160	5-ARCMIN RESOLUTION ASSESSMENT OF WATER STRESS IN LARGE CITIES USING THE H08 GLOBAL HYDROLOGICAL MODEL. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2021, 77, I_217-I_222.	0.1	1
161	RELATIONSHIP BETWEEN SOIL MOISTURE AND NEAR-SURFACE ATMOSPHERIC PARAMETERS IN A REGIONAL CLIMATE MODEL. Proceedings of Hydraulic Engineering, 1998, 42, 85-90.	0.0	0
162	IMPACT OF CHANGES IN LAND SURFACE PARAMETERS ON PRECIPITATION OVER INDOCHINA USING A GCM. Proceedings of Hydraulic Engineering, 2000, 44, 37-42.	0.0	0

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163	ANALYSES OF GLOBAL DEPENDENCE OF SIMULATED LAND SURFACE HYDROLOGICAL BUDGET ON TEMPORAL SCALE OF PRECIPITATION. Proceedings of Hydraulic Engineering, 2003, 47, 169-174.	0.0	0
164	COMPARING THE DEGREE OF LAND-ATMOSPHERE INTERACTION IN AN ATMOSPHERIC GENERAL CIRCULATION MODEL. Proceedings of Hydraulic Engineering, 2004, 48, 223-228.	0.0	0
165	AN ASSESSMENT OF THE IMPACT OF RESERVOIR OPERATION ON THE GLOBAL RIVER DISCHARGE. Proceedings of Hydraulic Engineering, 2004, 48, 463-468.	0.0	0
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