Yasuto Tachikawa

List of Publications by Year in descending order

188 papers	**1,595** citations	394390 **19** h-index	377849 **34** g-index
190 all docs	**190** docs citations	**190** times ranked	**1247** citing authors

#	Article	IF	Citations
1	Impact of assimilating dam outflow measurements to update distributed hydrological model states: Localization for improving ensemble Kalman filter performance. Journal of Hydrology, 2022, 608, 127651.	5.4	4
2	Correcting streamflow bias considering its spatial structure for impact assessment of climate change on floods using d4PDF in the Chao Phraya River Basin, Thailand. Journal of Hydrology: Regional Studies, 2022, 42, 101150.	2.4	3
3	Recent nationwide climate change impact assessments of natural hazards in Japan and East Asia. Weather and Climate Extremes, 2021, 32, 100309.	4.1	27
4	Simultaneous flood risk analysis and its future change among all the 109 class-A river basins in Japan using a large ensemble climate simulation database d4PDF. Environmental Research Letters, 2021, 16, 074059.	5.2	11
5	Uncertainty assessment of water resources and long-term hydropower generation using a large ensemble of future climate projections for the Nam Ngum River in the Mekong Basin. Journal of Hydrology: Regional Studies, 2021, 36, 100856.	2.4	2
6	A methodology to examine a depth-discharge constitutive equation for rainfall-runoff modelling. Hydrological Research Letters, 2021, 15, 44-49.	0.5	1
7	Real-time optimization of a large-scale reservoir operation in Thailand using adaptive inflow prediction with medium-range ensemble precipitation forecasts. Journal of Hydrology: Regional Studies, 2021, 38, 100939.	2.4	1
8	INVESTIGATING THE IMPACTS OF DIFFERENT TIME INTEGRATION METHODS IN LAND SURFACE MODELS ON RUNOFF ESTIMATION. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2021, 77, I_253-I_258.	0.1	0
9	ANALYZING THE UNCERTAINTY IN THE PMP ESTIMATION METHOD UNDER FUTURE CLIMATIC CONDITIONS. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2021, 77, I_1327-I_1332.	0.1	0
10	Projection of hydroclimate extreme indices over the Indochina region under climate change using a large single‐model ensemble. International Journal of Climatology, 2020, 40, 2924-2952.	3.5	7
11	Analyzing Uncertainty in Probable Maximum Precipitation Estimation With Pseudoadiabatic Assumption. Water Resources Research, 2020, 56, e2020WR027372.	4.2	2
12	Comparison of fluvial and pluvial flood risk curves in urban cities derived from a large ensemble climate simulation dataset: A case study in Nagoya, Japan. Journal of Hydrology, 2020, 584, 124706.	5.4	49
13	ANALYZING FUTURE CHANGES OF EXTREME RIVER DISCHARGE IN JAPAN USING d4PDF. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2020, 76, 140-152.	0.1	10
14	ANALYZING RETURN PERIOD OF NUMBER OF FLOODED RIVERS BY TYPHOON HAGIBIS AND ITS FUTURE CHANGE. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2020, 76, 159-165.	0.1	2
15	Structural improvement of a kinematic wave-based distributed hydrologic model to estimate long-term river discharge in a tropical climate basin. Hydrological Research Letters, 2020, 14, 104-110.	0.5	3
16	A Generalized Framework for Assessing Flood Risk and Suitable Strategies under Various Vulnerability and Adaptation Scenarios: A Case Study for Residents of Kyoto City in Japan. Water (Switzerland), 2020, 12, 2508.	2.7	8
17	ESTIMATING FUTURE CHANGES OF EXTREME RIVER DISCHARGE IN THE RED RIVER, VIETNAM USING d4PDF. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2020, 76, 107-117.	0.1	0
18	High-resolution distributed model to simulate erosion and sedimentation in a steep basin: a case study of the Akatani River Basin, Kyushu, Japan. Hydrological Research Letters, 2020, 14, 97-103.	0.5	2

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19	BIAS CORRECTION OF RUNOFF DATA IN AGCM3.2S FOR UPPER CHAO PHRAYA RIVER BASIN, THAILAND. Journal of Japan Society of Civil Engineers Ser G (Environmental Research), 2020, 76, I_55-I_63.	0.1	1
20	INTEGRATED RESERVOIR-HYDROPOWER-HYDROLOGIC MODEL FOR WATER RESOURCES AND ENERGY ASSESSMENT. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2020, 76, I_811-I_816.	0.1	0
21	RAINFALL OCCURRENCE PREDICTION WITH CONVOLUTIONAL NEURAL NETWORK. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2020, 76, I_379-I_384.	0.1	0
22	IMPACT OF SYSTEM NOISE SPECIFICATION ON ENSEMBLE KALMAN FILTER PERFORMANCE IN A DISTRIBUTED HYDROLOGICAL MODEL. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2020, 76, I_361-I_366.	0.1	1
23	BIAS CORRECTION OF d4PDF RIVER DISCHARGE AND INUNDATION ANALYSIS IN THE CHAO PHRAYA RIVER BASIN. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2020, 76, I_97-I_102.	0.1	0
24	IMPACTS OF MODEL STRUCTURES AND SOIL PARAMETERS ON RUNOFF CHARACTERISTICS IN LAND SURFACE MODELS. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2020, 76, I_217-I_222.	0.1	1
25	An automatic domain updating method for fast 2-dimensional flood-inundation modelling. Environmental Modelling and Software, 2019, 116, 110-118.	4.5	12
26	EVALUATING REPRODUCIBILITY OF ANNUAL MAXIMUM BASIN-AVERAGED RAINFALL OF d4PDF IN ALL CLASS-A RIVERS IN JAPAN. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2019, 75, I_1135-I_1140.	0.1	4
27	REAL TIME RIVER-STAGE PREDICTION BY ANN WITH OBSERVED RAINFALL AND RIVER-STAGE INFORMATION. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2019, 75, I_145-I_150.	0.1	1
28	SENSITIVITY ANALYSIS ON DATA ARRAY AND MODEL STRUCTURE OF CONVOLUTIONAL NEURAL NETWORK FOR RAINFALL OCCURRENCE PREDICTION. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic) Tj ETQq0 0001rgBT /Overlock 10		
29	ANALYSIS OF RUNOFF CHARACTERISTICS GENERATED BY LAND SURFACE MODELS AND THEIR IMPACTS ON RIVER DISCHARGE. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2019, 75, I_271-I_276.	0.1	1
30	IMPROVEMENT OF FLOOD RISK CURVE DEVELOPMENT BY CONSIDERING DEPENDENCE OF BASIN TOTAL RAINFALL ON ITS SPATIAL CONCENTRATION. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic) Tj ETQq0 0010 rgBT /Overlock 1		
31	EFFECTIVE APPLICATION OF A REAL-TIME RUNOFF PREDICTION SYSTEM USING A PARTICLE FILTER. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2019, 75, I_241-I_246.	0.1	0
32	ANALYZING THE UNCERTAINTY OF USING SURFACE HUMIDITY FOR PMP ESTIMATION. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2019, 75, I_19-I_24.	0.1	1
33	Flood risk curve development with probabilistic rainfall modelling and large ensemble climate simulation data: a case study for the Yodo River basin. Hydrological Research Letters, 2018, 12, 28-33.	0.5	15
34	Future Changes of Extreme Weather and Natural Disasters due to Climate Change in Japan and Southeast Asia. World Scientific Series on Asia-Pacific Weather and Climate, 2018, , 101-117.	0.2	4
35	APPLICATION OF CONVOLUTIONAL NEURAL NETWORK TO OCCURRENCE PREDICTION OF HEAVY RAINFALL. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2018, 74, I_295-I_300.	0.1	4
36	REAL-TIME RIVER-STAGE PREDICTION WITH ARTIFICIAL NEURAL NETWORK BASED ON ONLY UPSTREAM OBSERVATION DATA. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2018, 74, I_1375-I_1380.	0.1	8

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37	DEVELOPMENT OF A REAL-TIME RUNOFF PREDICTION SYSTEM USING PARTICLE FILTER AND EFFECT OF INTRODUCING MULTIPOINT DISCHARGE OBSERVATION INFORMATION. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2018, 74, I_139-I_144.	0.1	0
38	A STUDY ON LONG-TERM RIVER DISCHARGE DATA GENERATION BY DISTRIBUTED HYDROLOGIC MODEL AND RECOMBINATION ATMOSPHERIC DATA. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5		
39	Development of a flood damage probability map and its application to benefit analysis of land raising. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2018, 74, I_1477-I_1482.	0.1	0
40	DEVELOPMENT OF A REAL-TIME RUNOFF PREDICTION SYSTEMS USING PARTICLE FILTER AND ACCURACY COMPARISON OF PREDICTION SYSTEMS WITH DIFFERENT STATE VARIABLES. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2018, 74, 32-43.	0.1	0
41	INPUT DATA SELECTION FOR DAM INFLOW PREDICTION IN SNOW DOMINANT REGION USING ARTIFICIAL NEURAL NETWORK. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2018, 74, I_877-I_882.	0.1	1
42	FUTURE RIVER DISCHARGE PROJECTIONS AT THE INDOCHINESE PENINSULA USING LARGE ENSEMBLE CLIMATE DATASET. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2018, 74, I_193-I_198.	0.1	0
43	Impact assessment of upstream flooding on extreme flood frequency analysis by incorporating a flood-inundation model for flood risk assessment. Journal of Hydrology, 2017, 554, 370-382.	5.4	50
44	Over 5,000 Years of Ensemble Future Climate Simulations by 60-km Global and 20-km Regional Atmospheric Models. Bulletin of the American Meteorological Society, 2017, 98, 1383-1398.	3.3	324
45	Statistical Downscaling of AGCM60km Precipitation based on Spatial Correlation of AGCM20km Output. Hydrological Research Letters, 2017, 11, 58-64.	0.5	1
46	FUTURE CHANGE ANALYSIS OF EXTREME FLOODS USING LARGE ENSEMBLE CLIMATE SIMULATION DATA. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2017, 73, 77-90.	0.1	24
47	Countermeasures for Water-related Disasters and Flood Prediction Technology. Journal of the Institute of Electrical Engineers of Japan, 2017, 137, 304-307.	0.0	0
48	STATISTICAL CORRECTION METHOD FOR PRECIPITATION OF JRA-55 IN LOCAL SCALE TOWARD CLIMATE CHANGE IMPACT ASSESSMENT. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 297		
49	Development of a Water Surface Level Prediction Method Affected by River Mouth Sandbar Collapse. Procedia Engineering, 2016, 154, 1349-1358.	1.2	2
50	ANALYSIS OF DOMINANT HYDRAULIC VARIABLES IN ESTIMATION OF ECONOMIC FLOOD DAMAGE AND ITS APPLICATION TO ESTIMATION OF A FLOOD RISK CURVE. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2016, 72, 26-37.	0.1	0
51	EVALUATION OF FUTURE RIVER DISCHARGE UNCERTAINTIES IN THE INDOCHINA PENINSULA SIMULATED BY MULTI-PHYSICS ENSEMBLE EXPERIMENTS USING TWO-WAY ANOVA. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2016, 72, I_13-I_18.	0.1	0
52	EVALUATION OF BIAS CORRECTION METHODS FOR FUTURE RIVER DISCHARGE PROJECTION. Journal of Japan Society of Civil Engineers Ser G (Environmental Research), 2016, 72, I_7-I_12.	0.1	4
53	A FLOOD RISK CURVE DEVELOPMENT USING CONDITIONAL PROBABILITY DISTRIBUTION OF RAINFALL ON DURATION. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2016, 72, I_1219-I_1224.	0.1	2
54	FLOOD RUNOFF SIMULATIONS IN THE YODO RIVER BASIN ASSUMING LARGEST-CLASS TYPHOONS. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2016, 72, I_31-I_36.	0.1	1

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55	CLIMATE CHANGE IMPACT ASSESSMENT METHOD IN OBSERVATION DATA SCARCE BASIN. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2016, 72, I_37-I_42.	0.1	4
56	IMPROVEMENT OF SYNTHESIS PROBABILITY METHOD BY CONSIDERING PROBABILITY DISTRIBUTIONS OF RAINFALL DEPENDING ON DURATION OF RAINFALL. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2015, 71, 63-71.	0.1	3
57	NON-STATIONARY HYDROLOGIC FREQUENCY ANALYSIS USING TIME DEPENDENT PARAMETERS AND ITS MODEL SELECTION. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2015, 71, 28-42.	0.1	4
58	A FlOOD RISK CURVE DEVELOPMENT FOR INUNDATION DISASTER CONSIDERING SPATIO-TEMPORAL RAINFALL DISTRIBUTION. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2015, 71, I_1483-I_1488.	0.1	1
59	NON-STATIONARY HYDROLOGIC FREQUENCY ANALYSYS FOR ESTIMATION OF EXTREME PRECIPITATION CHANGE USING GLOBAL WARMING PROJECTION INFORMATION. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2015, 71, I_367-I_372.	0.1	1
60	ANALYSIS OF HYDROLOGIC VARIABLE CHANGES RELATED TO LARGE SCALE RESERVOIR OPERATION IN THAILAND. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2015, 71, I_61-I_66.	0.1	7
61	River discharge assessment under a changing climate in the Chao Phraya River, Thailand by using MRI-AGCM3.2S. Hydrological Research Letters, 2015, 9, 84-89.	0.5	13
62	Testing the applicability of a kinematic wave-based distributed hydrological model in two climatically contrasting catchments. Hydrological Sciences Journal, 2015, 60, 1361-1373.	2.6	34
63	On noise specification in data assimilation schemes for improved flood forecasting using distributed hydrological models. Journal of Hydrology, 2014, 519, 2707-2721.	5.4	37
64	DISCUSSION/CLOSURE ^|^ldquo;MATHEMATICAL ASPECT OF SYNTHESIS PROBABILITY METHOD TO DETERMINE DESIGN FLOOD^|^rdquo;. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5		
65	CHANGES IN RIVER DISCHARGE IN THE INDOCHINA PENINSULA REGION PROJECTED USING MRI-AGCM AND MIROC5 DATASETS. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2014, 70, I_115-I_120.	0.1	5
66	DEVELOPMENT OF A FLOOD-INUNDATION MODEL NESTING A DISTRIBUTED RAINFALL-RUNOFF MODEL. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2014, 70, I_1495-I_1500.	0.1	8
67	COUPLING TWO CROP GROWTH MODELS WITH LAND SURFACE MODEL AND ITS APPLICATION TO ESTIMATING FUTURE CHANGE OF IRRIGATION WATER REQUIREMENT. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2014, 70, I_571-I_576.	0.1	2
68	STATISTICAL DOWNSCALING OF PRECIPITATION WITH A FORMATTED REGRESSION FRAME. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2014, 70, I_901-I_906.	0.1	1
69	Simultaneous estimation of inflow and channel roughness using <scp>2D</scp> hydraulic model and particle filters. Journal of Flood Risk Management, 2013, 6, 112-123.	3.3	13
70	Ensemble Kalman Filtering and Particle Filtering in a Lag-Time Window for Short-Term Streamflow Forecasting with a Distributed Hydrologic Model. Journal of Hydrologic Engineering - ASCE, 2013, 18, 1684-1696.	1.9	28
71	DEVELOPING A REGIONAL DISTRIBUTED HYDROLOGICAL MODEL FOR WATER RESOURCES ASSESSMENT AND ITS APPLICATION TO THE CHAO PHRAYA RIVER BASIN. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2013, 69, I_43-I_48.	0.1	6
72	MATHEMATICAL ASPECT OF SYNTHESIS PROBABILITY METHOD TO DETERMINE DESIGN FLOOD. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2013, 69, 101-104.	0.1	5

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73	ESTIMATING THE 2011 LARGEST FLOOD DISCHARGE AT THE KUMANO RIVER USING THE 2D DYNAMIC WAVE MODEL AND PARTICLE FILTERS. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	0.1	1
74	River discharge projection in Indochina Peninsula under a changing climate using the MRI-AGCM3.2S dataset. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2013, 69, I_37-I_42.	0.1	9
75	NUMERICAL MODELING AND ESTIMATION OF RADIOACTIVE CESIUM MOVEMENT AT THE KUCHIBUTO RIVER BASIN, FUKUSHIMA. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2013, 69, I_487-I_492.	0.1	1
76	DEVELOPMENT OF A HYDROLOGICAL MODELING FRAMEWORK FOR DATA ASSIMILATION WITH PARTICLE FILTERS. Journal of Japan Society of Civil Engineers, 2013, 1, 69-81.	0.2	1
77	WATER RESOURCE PROJECTION AT THE PASAK RIVER BASIN IN THAILAND UNDER A CHANGING CLIMATE. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2013, 69, I_445-I_450.	0.1	0
78	Development of a Flow Routing Model Including Inundation Effect for the Extreme Flood in the Chao Phraya River Basin, Thailand 2011. Journal of Disaster Research, 2013, 8, 415-423.	0.7	6
79	INTRODUCING A STATISTICAL HYPOTHESIS TESTING INTO SLSC GOODNESS-OF-FIT EVALUATION FOR HYDROLOGICAL FREQUENCY ANALYSIS MODELS. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2012, 68, I_1381-I_1386.	0.1	5
80	A REAL-TIME RUNOFF PREDICTION METHOD USING A DISTRIBUTED RUNOFF MODEL INCORPORATING MULTIPLE DAM RESERVOIR OPERATION. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.1	4
81	SHORT TERM PREDICTION OF WATER LEVEL AND DISCHARGE USING A 2D DYNAMIC WAVE MODEL WITH PARTICLE FILTERS. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2012, 68, I_25-I_30.	0.1	4
82	Comparison between iteration schemes for three-dimensional coordinate-transformed saturatedâ€"unsaturated flow model. Journal of Hydrology, 2012, 470-471, 212-226.	5.4	13
83	Preface to the Japanese Special Issue Volume 11; Predictions in Ungauged Basins: Japan PUB achievements. Hydrological Processes, 2012, 26, 791-792.	2.6	0
84	Distributed hydrological model transferability across basins with different hydroâ€"climatic characteristics. Hydrological Processes, 2012, 26, 793-808.	2.6	15
85	Spatial lumping of a distributed rainfallâ€"sedimentâ€"runoff model and its effective lumping scale. Hydrological Processes, 2012, 26, 855-871.	2.6	27
86	Catchment responses to plausible parameters and input data under equifinality in distributed rainfallâ€"runoff modeling. Hydrological Processes, 2012, 26, 893-906.	2.6	5
87	River Discharge Projection under Climate Change in the Chao Phraya River Basin, Thailand, Using the MRI-GCM3.1S Dataset. Journal of the Meteorological Society of Japan, 2012, 90A, 137-150.	1.8	40
88	Applying sequential Monte Carlo methods into a distributed hydrologic model: lagged particle filtering approach with regularization. Hydrology and Earth System Sciences, 2011, 15, 3237-3251.	4.9	55
89	CLIMATE CHANGE IMPACT ON RIVER FLOW OF THE TONE RIVER BASIN, JAPAN. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2011, 67, I_85-I_90.	0.1	9
90	DEVELOPMENT OF A REAL-TIME RIVER STAGE FORECASTING METHOD USING A PARTICLE FILTER. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2011, 67, I_511-I_516.	0.1	15

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91	PROJECTION OF RIVER DISCHARGE OF JAPANESE RIVER BASINS UNDER A CLIMATE CHANGE SCENARIO. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2011, 67, 1-15.	0.1	11
92	DUAL STATE-PARAMETER UPDATING SCHEME ON A CONCEPTUAL HYDROLOGIC MODEL USING SEQUENTIAL MONTE CARLO FILTERS. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2011, 67, I_1-I_6.	0.1	11
93	A new Iterative Alternating Direction Implicit (IADI) algorithm for multi-dimensional saturated–unsaturated flow. Journal of Hydrology, 2011, 408, 127-139.	5.4	12
94	Development of a large basin rainfall-runoff modeling system using the object-oriented hydrologic modeling system (OHyMoS). KSCE Journal of Civil Engineering, 2011, 15, 595-606.	1.9	4
95	STUDY ON APPLICABILITY OF LANDUSE REGULATION STRATEGIES BASED ON FLOOD RISK ASSESSMENT. Doboku Gakkai Ronbunshuu B, 2010, 66, 130-144.	0.1	8
96	Assessing sources of parametric uncertainty and uncertainty propagation in sediment runoff simulations of flooding. Journal of Flood Risk Management, 2010, 3, 270-284.	3.3	5
97	Improvement of monthly and seasonal synthetic extreme values of the Neyman–Scott rainfall model. Hydrological Processes, 2010, 24, 654-663.	2.6	3
98	COST-BENEFIT ANALYSIS OF BUILDING REGULATION BASED ON FLOOD RISK ASSESSMENT AND ITS COMPARISON TO LAND USE REGULATION. Doboku Gakkai Ronbunshuu B, 2010, 66, 145-156.	0.1	1
99	Three–dimensional finite difference saturated–unsaturated flow modeling with nonorthogonal grids using a coordinate transformation method. Water Resources Research, 2010, 46, .	4.2	28
100	Hydrologic Evaluation on the AGCM20 Output Using Observed River Discharge Data. Hydrological Research Letters, 2010, 4, 35-39.	0.5	18
101	COST-BENEFIT ANALYSIS OF LANDUSE REGULATION STRATEGY BASED ON FLOOD RISK ASSESSMENT USING A LOCATION EQUILIBRIUM MODEL INCORPORATING HOUSEHOLD INCOME DISTRIBUTION. Doboku Gakkai Ronbunshuu B, 2010, 66, 119-129.	0.1	0
102	Integrating the NRCS Runoff Curve Number in Delineation of Hydrologic Homogeneous Regions. Journal of Hydrologic Engineering - ASCE, 2009, 14, 1091-1097.	1.9	10
103	Interaction between Topographic and Process Parameters due to the Spatial Resolution of DEMs in Distributed Rainfall-Runoff Modeling. Journal of Hydrologic Engineering - ASCE, 2009, 14, 1059-1069.	1.9	19
104	Hydrologic simulation-aided regional flood frequency analysis of Nepalese river basins. Journal of Flood Risk Management, 2009, 2, 243-253.	3.3	7
105	Ensemble flood forecasting with stochastic radar image extrapolation and a distributed hydrologic model. Hydrological Processes, 2009, 23, 597-611.	2.6	23
106	Assessing Climate Change Impact on Water Resources in the Tone River Basin, Japan, Using Super-High-Resolution Atmospheric Model Output. Journal of Disaster Research, 2009, 4, 12-23.	0.7	14
107	Scaling of slope, upslope area, and soil water deficit: Implications for transferability and regionalization in topographic index modeling. Water Resources Research, 2008, 44, .	4.2	15
108	IMPROVEMENT OF INTERNAL BEHAVIOR IN DISTRIBUTED HYDROLOGICAL MODEL. Proceedings of Hydraulic Engineering, 2008, 52, 49-54.	0.0	2

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109	REGIONALIZATION OF NEPALESE RIVER BASINS FOR FLOOD FREQUENCY ANALYSIS. Proceedings of Hydraulic Engineering, 2008, 52, 91-96.	0.0	4
110	INVESTIGATION OF RESIDENTS' RECOGNITION ON FLOOD RISK USING LAND PRICE ANALYSIS. Proceedings of Hydraulic Engineering, 2008, 52, 457-462.	0.0	3
111	LUMPING OF A PHYSICALLY-BASED DISTRIBUTED MODEL FOR SEDIMENT RUNOFF PREDICTION IN A CATCHMENT SCALE. Proceedings of Hydraulic Engineering, 2008, 52, 43-48.	0.0	7
112	A SIMPLIFIED FLOOD INUNDATION MODEL INTEGRATING WITH RAINFALL-RUNOFF PROCESSES USING GLOBALLY AVAILABLE TOPOGRAPHIC DATA. Proceedings of Hydraulic Engineering, 2008, 52, 61-66.	0.0	2
113	POT NORMALIZED VARIANCE PARAMETER SEARCH OF THE TEMPORAL NEYMAN-SCOTT RAINFALL MODEL. Proceedings of Hydraulic Engineering, 2008, 52, 97-102.	0.0	0
114	DATA ASSIMILATION OF A DISTRIBUTED RAINFALL-RUNOFF PREDICTION SYSTEM BY KALMAN FILTER WITH BIAS CORRECTION. Doboku Gakkai Ronbunshuu B, 2008, 64, 226-239.	0.1	3
115	DEVELOPMENT OF REGIONAL RAINFALL INTENSITY-DURATION-FREQUENCY CURVES BASED ON SCALING PROPERTIES. Proceedings of Hydraulic Engineering, 2008, 52, 85-90.	0.0	3
116	Evaluating the Impact of Climate Change on Flood Disasters and Dam Reservoir Operation in the Yodo River Basin. Suimon Mizu Shigen Gakkaishi, 2008, 21, 296-313.	0.1	8
117	Developing a three-dimensional coupled model of pipe-matrix subsurface flow. Hydrological Research Letters, 2008, 2, 52-55.	0.5	1
118	Applying a Recursive Update Algorithm to a Distributed Hydrologic Model. Journal of Hydrologic Engineering - ASCE, 2007, 12, 336-344.	1.9	12
119	PARAMETER ESTIMATION OF A DISTRIBUTED RAINFALL-RUNOFF MODEL BY A LEVENBERG-MARQUARDT OPTIMIZATION ALGORITHM. Proceedings of Hydraulic Engineering, 2007, 51, 409-414.	0.0	3
120	EVALUATION OF THE QUANTILES OF THE NEYMAN-SCOTT RAINFALL MODEL. Proceedings of Hydraulic Engineering, 2007, 51, 79-84.	0.0	0
121	INFLUENCE OF SELECTIVE INTAKE ON VERTICAL DISTRIBUTIOG AND ENVIRONMENTAL GROWTH OF PLANKTOG. Proceedings of Hydraulic Engineering, 2007, 51, 1379-1384.	0.0	0
122	RECURSIVE UPDATING OF DISTRIBUTED STATE VARIABLES USING OBSERVED DISCHARGES THROUGH KALMAN FILTER. Proceedings of Hydraulic Engineering, 2007, 51, 67-72.	0.0	1
123	A SIMPLE SCALING CHARATERISTICS OF RAINFALL IN TIME AND SPACE TO DERIVE INTENSITY DURATION FREQUENCY RELATIONSHIPS. Proceedings of Hydraulic Engineering, 2007, 51, 73-78.	0.0	23
124	Hydrological model performance comparison through uncertainty recognition and quantification. Hydrological Processes, 2007, 21, 1179-1195.	2.6	14
125	IDENTIFICATION OF MODEL STRUCTURAL STABILITY THROUGH COMPARISON OF HYDROLOGIC MODELS. Proceedings of Hydraulic Engineering, 2007, 51, 49-54.	0.0	2
126	Hydrograph Separation Based on Spatiotemporal Record of Stream Flow in a Distributed Rainfall-Runoff Model. Suimon Mizu Shigen Gakkaishi, 2007, 20, 214-225.	0.1	4

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127	MODEL BUILDING UNIT FOR RAINFALL-RUNOFF SIMULATION. Doboku Gakkai Ronbunshuu B, 2007, 63, 92-107.	0.1	3
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