

Balaji Rajagopalan

List of Publications by Year in descending order

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Version: 2024-02-01

217
papers

13,565
citations

26630

56
h-index

24982

109
g-index

226
all docs

226
docs citations

226
times ranked

11731
citing authors

#	ARTICLE	IF	CITATIONS
1	A space-time Bayesian hierarchical modeling framework for projection of seasonal maximum streamflow. <i>Hydrology and Earth System Sciences</i> , 2022, 26, 149-166.	4.9	9
2	Space-Time Variability of Summer Hydroclimate in the U.S. Prairie Pothole Region. <i>Earth Interactions</i> , 2022, 26, 39-51.	1.5	0
3	Incorporating Mid-Term Temperature Predictions into Streamflow Forecasts and Operational Reservoir Projections in the Colorado River Basin. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2022, 148, .	2.6	4
4	Combined signatures of atmospheric drivers, soil moisture, and moisture source on floods in Narmada River basin, India. <i>Climate Dynamics</i> , 2022, 59, 2831-2851.	3.8	7
5	Understanding the Dominant Moisture Sources and Pathways of Summer Precipitation in the Southeast Prairie Pothole Region. <i>Earth and Space Science</i> , 2022, 9, .	2.6	1
6	A Bayesian Hierarchical Framework for Postprocessing Daily Streamflow Simulations across a River Network. <i>Journal of Hydrometeorology</i> , 2022, 23, 947-963.	1.9	2
7	The Colorado River Basin Operational Prediction Testbed: A Framework for Evaluating Streamflow Forecasts and Reservoir Operations. <i>Journal of the American Water Resources Association</i> , 2022, 58, 690-708.	2.4	3
8	Arctic sea ice melt onset favored by an atmospheric pressure pattern reminiscent of the North American-Eurasian Arctic pattern. <i>Climate Dynamics</i> , 2021, 57, 1771-1787.	3.8	8
9	Investigating the Relationship Between Peak Snow-Water Equivalent and Snow Timing Indices in the Western United States and Alaska. <i>Water Resources Research</i> , 2021, 57, e2020WR029395.	4.2	4
10	A Trade-Friendly Environment?: Newly Reconstructed Indian Summer Monsoon Wind Stress Curl Data for the Third Millennium BCE and Their Potential Implications Concerning the Development of Early Bronze Age Trans-Arabian Sea Maritime Trade. <i>Journal of Maritime Archaeology</i> , 2021, 16, 395-411.	0.7	1
11	Spatial-temporal multivariate semi-Bayesian hierarchical framework for extreme precipitation frequency analysis. <i>Journal of Hydrology</i> , 2021, 600, 126499.	5.4	18
12	A Bayesian Hierarchical Network Model for Daily Streamflow Ensemble Forecasting. <i>Water Resources Research</i> , 2021, 57, e2021WR029920.	4.2	8
13	Enhancing Ensemble Seasonal Streamflow Forecasts in the Upper Colorado River Basin Using Multi-Model Climate Forecasts. <i>Journal of the American Water Resources Association</i> , 2021, 57, 906-922.	2.4	6
14	Stochastic Decadal Projections of Colorado River Streamflow and Reservoir Pool Elevations Conditioned on Temperature Projections. <i>Water Resources Research</i> , 2021, 57, e2021WR030936.	4.2	8
15	Spatial and temporal variability of East African Kiremt season precipitation and large-scale teleconnections. <i>International Journal of Climatology</i> , 2020, 40, 1241-1254.	3.5	10
16	Nearest neighbor time series bootstrap for generating influent water quality scenarios. <i>Stochastic Environmental Research and Risk Assessment</i> , 2020, 34, 23-31.	4.0	12
17	Multiproxy Reduced-Dimension Reconstruction of Pliocene Equatorial Pacific Sea Surface Temperatures. <i>Paleoceanography and Paleoclimatology</i> , 2020, 35, e2019PA003685.	2.9	9
18	La Niña's Diminishing Fingerprint on the Central Indian Summer Monsoon. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL086237.	4.0	21

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19	Soil and Air Temperature Calibrations Using Branched GDGTs for the Tropical Andes of Colombia: Toward a Panâ€Tropical Calibration. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2020GC008941.	2.5	17
20	Midâ€Holocene Saharaâ€Sahel Precipitation From the Vantage of Presentâ€Day Climate. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088171.	4.0	4
21	A Bayesian Logistic Regression for Probabilistic Forecasts of the Minimum September Arctic Sea Ice Cover. <i>Earth and Space Science</i> , 2020, 7, e2020EA001176.	2.6	13
22	21st Century flood risk projections at select sites for the U.S. National Park Service. <i>Climate Risk Management</i> , 2020, 28, 100211.	3.2	2
23	Safety Risk Tolerance in the Construction Industry: Cross-Cultural Analysis. <i>Journal of Construction Engineering and Management - ASCE</i> , 2020, 146, .	3.8	10
24	A predictive model for seasonal pond counts in the United States Prairie Pothole Region using large-scale climate connections. <i>Environmental Research Letters</i> , 2020, 15, 044019.	5.2	7
25	Resilience of On-Site Wastewater Treatment Systems after Extreme Storm Event. <i>Journal of Sustainable Water in the Built Environment</i> , 2020, 6, 04020008.	1.6	4
26	Application of Postprocessing to Watershed-Scale Subseasonal Climate Forecasts over the Contiguous United States. <i>Journal of Hydrometeorology</i> , 2020, 21, 971-987.	1.9	7
27	Investigating regime shifts and the factors controlling Total Inorganic Nitrogen concentrations in treated wastewater using non-homogeneous Hidden Markov and multinomial logistic regression models. <i>Science of the Total Environment</i> , 2019, 646, 625-633.	8.0	21
28	Using multivariate regression trees and multiobjective tradeoff sets to reveal fundamental insights about water resources systems. <i>Environmental Modelling and Software</i> , 2019, 120, 104498.	4.5	10
29	A Nonlinear Dynamical Systemsâ€Based Modeling Approach for Stochastic Simulation of Streamflow and Understanding Predictability. <i>Water Resources Research</i> , 2019, 55, 6268-6284.	4.2	11
30	A comparison of machine learning methods for predicting the compressive strength of field-placed concrete. <i>Construction and Building Materials</i> , 2019, 228, 116661.	7.2	98
31	Quantifying the Opportunity Limits of Automatic Residential Electric Load Shaping. <i>Energies</i> , 2019, 12, 3204.	3.1	0
32	Developing Subseasonal to Seasonal Climate Forecast Products for Hydrology and Water Management. <i>Journal of the American Water Resources Association</i> , 2019, 55, 1024-1037.	2.4	18
33	BayGEN: A Bayesian Spaceâ€Time Stochastic Weather Generator. <i>Water Resources Research</i> , 2019, 55, 2900-2915.	4.2	17
34	Modeling risk attributes of wastewater treatment plant violations of total ammonia nitrogen discharge limits in the United States. <i>Stochastic Environmental Research and Risk Assessment</i> , 2019, 33, 879-889.	4.0	1
35	Climate change or climate regimes? Examining multi-annual variations in the frequency of precipitation extremes over the Argentine Pampas. <i>Climate Dynamics</i> , 2019, 53, 245-260.	3.8	5
36	A conditional stochastic weather generator for seasonal to multi-decadal simulations. <i>Journal of Hydrology</i> , 2018, 556, 835-846.	5.4	37

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37	A Bayesian Hierarchical Approach to Multivariate Nonstationary Hydrologic Frequency Analysis. <i>Water Resources Research</i> , 2018, 54, 243-255.	4.2	84
38	Understanding the Dominant Sources and Tracks of Moisture for Summer Rainfall in the Southwest United States. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 4850-4870.	3.3	45
39	Decadal Shift of NAO-Linked Interannual Sea Level Variability along the U.S. Northeast Coast. <i>Journal of Climate</i> , 2018, 31, 4981-4989.	3.2	28
40	Influencia de los cambios en el uso del suelo y la precipitación sobre la dinámica hídrica de una cuenca de llanura extensa. Caso de estudio: Cuenca del Río Salado, Buenos Aires, Argentina. <i>Ribagua</i> , 2018, 5, 92-106.	0.3	7
41	Spatiotemporal Variability of Seasonality of Rainfall Over India. <i>Geophysical Research Letters</i> , 2018, 45, 7140-7147.	4.0	41
42	Modulation of Sea Ice Melt Onset and Retreat in the Laptev Sea by the Timing of Snow Retreat in the West Siberian Plain. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 8691-8707.	3.3	9
43	Random finite element method for the seismic analysis of gravity dams. <i>Engineering Structures</i> , 2018, 171, 405-420.	5.3	46
44	A K-Nearest neighbor based stochastic multisite flow and stream temperature generation technique. <i>Environmental Modelling and Software</i> , 2017, 91, 87-94.	4.5	13
45	Reconstruction of Indian summer monsoon winds and precipitation over the past 10,000 years using equatorial pacific SST proxy records. <i>Paleoceanography</i> , 2017, 32, 195-216.	3.0	17
46	Assessment of wastewater treatment facility compliance with decreasing ammonia discharge limits using a regression tree model. <i>Science of the Total Environment</i> , 2017, 598, 249-257.	8.0	24
47	Risk-Cost Estimation of On-Site Wastewater Treatment System Failures Using Extreme Value Analysis. <i>Water Environment Research</i> , 2017, 89, 406-415.	2.7	3
48	Empirical Investigations of the Opportunity Limits of Automatic Residential Electric Load Shaping. , 2017, , .		3
49	The Use of Ensemble Modeling of Suspended Sediment to Characterize Uncertainty. , 2017, , .		1
50	Development of a gridded meteorological dataset over Java island, Indonesia 1985â€“2014. <i>Scientific Data</i> , 2017, 4, 170072.	5.3	19
51	Construction Safety Risk Modeling and Simulation. <i>Risk Analysis</i> , 2017, 37, 1917-1935.	2.7	28
52	Decadal Variability of the Indian and Pacific Walker Cells since the 1960s: Do They Covary on Decadal Time Scales?. <i>Journal of Climate</i> , 2017, 30, 8447-8468.	3.2	33
53	Wavelet and Hidden Markov-Based Stochastic Simulation Methods Comparison on Colorado River Streamflow. <i>Journal of Hydrologic Engineering - ASCE</i> , 2017, 22, .	1.9	9
54	Demonstration of Integrated Reservoir Operations and Extreme Hydroclimate Modeling of Water Temperatures for Fish Sustainability below Shasta Lake. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2017, 143, .	2.6	5

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55	How do hydrologic modeling decisions affect the portrayal of climate change impacts?. <i>Hydrological Processes</i> , 2016, 30, 1071-1095.	2.6	52
56	Wavelet-based time series bootstrap model for multidecadal streamflow simulation using climate indicators. <i>Water Resources Research</i> , 2016, 52, 4061-4077.	4.2	27
57	Modeling on-site wastewater treatment system performance fragility to hydroclimate stressors. <i>Water Science and Technology</i> , 2016, 74, 2917-2926.	2.5	4
58	Climate Change and the Emergent Epidemic of CKD from Heat Stress in Rural Communities: The Case for Heat Stress Nephropathy. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2016, 11, 1472-1483.	4.5	284
59	Modeling Source Water TOC Using Hydroclimate Variables and Local Polynomial Regression. <i>Environmental Science & Technology</i> , 2016, 50, 4413-4421.	10.0	12
60	Spatial Bayesian hierarchical modeling of precipitation extremes over a large domain. <i>Water Resources Research</i> , 2016, 52, 6643-6655.	4.2	37
61	Effects of different regional climate model resolution and forcing scales on projected hydrologic changes. <i>Journal of Hydrology</i> , 2016, 541, 1003-1019.	5.4	31
62	Reduced-dimension reconstruction of the equatorial Pacific SST and zonal wind fields over the past 10,000 years using Mg/Ca and alkenone records. <i>Paleoceanography</i> , 2016, 31, 928-952.	3.0	21
63	A Bayesian hierarchical nonhomogeneous hidden Markov model for multisite streamflow reconstructions. <i>Water Resources Research</i> , 2016, 52, 7837-7850.	4.2	18
64	Hierarchical Modeling Approach to Evaluate Spatial and Temporal Variability of Wastewater Treatment Compliance with Biochemical Oxygen Demand, Total Suspended Solids, and Ammonia Limits in the United States. <i>Environmental Engineering Science</i> , 2016, 33, 514-524.	1.6	9
65	Application of machine learning to construction injury prediction. <i>Automation in Construction</i> , 2016, 69, 102-114.	9.8	222
66	Predicting Life Cycle Failures of On-Site Wastewater Treatment Systems Using Generalized Additive Models. <i>Environmental Engineering Science</i> , 2016, 33, 112-124.	1.6	15
67	Kriging and Local Polynomial Methods for Blending Satellite-Derived and Gauge Precipitation Estimates to Support Hydrologic Early Warning Systems. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2016, 54, 2552-2562.	6.3	54
68	Space-time variability of Indonesian rainfall at inter-annual and multi-decadal time scales. <i>Climate Dynamics</i> , 2016, 47, 2975-2989.	3.8	30
69	Temporal statistical downscaling of precipitation and temperature forecasts using a stochastic weather generator. <i>Advances in Atmospheric Sciences</i> , 2016, 33, 175-183.	4.3	10
70	Automated content analysis for construction safety: A natural language processing system to extract precursors and outcomes from unstructured injury reports. <i>Automation in Construction</i> , 2016, 62, 45-56.	9.8	207
71	Identifying the role of typhoons as drought busters in South Korea based on hidden Markov chain models. <i>Geophysical Research Letters</i> , 2015, 42, 2797-2804.	4.0	11
72	Subseasonal variations in spatial signatures of ENSO on the Indian summer monsoon from 1901 to 2009. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 8165-8185.	3.3	31

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73	Are we unnecessarily constraining the agility of complex process-based models?. Water Resources Research, 2015, 51, 716-728.	4.2	123
74	HITS: Hurricane Intensity and Track Simulator with North Atlantic Ocean Applications for Risk Assessment. Journal of Applied Meteorology and Climatology, 2015, 54, 1620-1636.	1.5	25
75	Spatial variability of seasonal extreme precipitation in the western United States. Journal of Geophysical Research D: Atmospheres, 2015, 120, 4522-4533.	3.3	35
76	An assessment of the mean annual precipitation needed to sustain Lake Sambhar in Rajasthan, India, during mid-Holocene time. Holocene, 2015, 25, 1923-1934.	1.7	4
77	Resilience of Secondary Wastewater Treatment Plants: Prior Performance Is Predictive of Future Process Failure and Recovery Time. Environmental Engineering Science, 2015, 32, 222-231.	1.6	24
78	A Bayesian kriging approach for blending satellite and ground precipitation observations. Water Resources Research, 2015, 51, 908-921.	4.2	66
79	Statistical Modeling of Daily Water Temperature Attributes on the Sacramento River. Journal of Hydrologic Engineering - ASCE, 2015, 20, .	1.9	9
80	Coupled stochastic weather generation using spatial and generalized linear models. Stochastic Environmental Research and Risk Assessment, 2015, 29, 347-356.	4.0	45
81	Effects of Hydrologic Model Choice and Calibration on the Portrayal of Climate Change Impacts. Journal of Hydrometeorology, 2015, 16, 762-780.	1.9	84
82	Attribute-Based Safety Risk Assessment. I: Analysis at the Fundamental Level. Journal of Construction Engineering and Management - ASCE, 2015, 141, .	3.8	45
83	Attribute-Based Safety Risk Assessment. II: Predicting Safety Outcomes Using Generalized Linear Models. Journal of Construction Engineering and Management - ASCE, 2015, 141, .	3.8	59
84	Hydrology: The interdisciplinary science of water. Water Resources Research, 2015, 51, 4409-4430.	4.2	145
85	Simulation of Effluent Biological Oxygen Demand and Ammonia for Increasingly Decentralized Networks of Wastewater Treatment Facilities. Environmental Engineering Science, 2015, 32, 232-239.	1.6	8
86	Statistical Postprocessing of High-Resolution Regional Climate Model Output. Monthly Weather Review, 2015, 143, 1533-1553.	1.4	25
87	Non-stationary and non-linear influence of ENSO and Indian Ocean Dipole on the variability of Indian monsoon rainfall and extreme rain events. Climate Dynamics, 2015, 45, 175-184.	3.8	114
88	A robust multimodel framework for ensemble seasonal hydroclimatic forecasts. Water Resources Research, 2014, 50, 6030-6052.	4.2	26
89	Spatiotemporal Variability and Predictability of Relative Humidity over West African Monsoon Region. Journal of Climate, 2014, 27, 5346-5363.	3.2	3
90	Improving Forecasts for Water Management. Eos, 2014, 95, 3-3.	0.1	3

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91	Hydroclimate Variability and Change in the Prairie Pothole Region, the "Duck Factory" of North America*. Earth Interactions, 2014, 18, 1-28.	1.5	32
92	Comparison of Traditional and Bayesian Calibration Techniques for Gray-Box Modeling. Journal of Architectural Engineering, 2014, 20, 04013011.	1.6	14
93	Multisite stochastic weather generation using cluster analysis and k-nearest neighbor time series resampling. Journal of Hydrology, 2014, 508, 197-213.	5.4	40
94	A hidden Markov model combined with climate indices for multidecadal streamflow simulation. Water Resources Research, 2014, 50, 7836-7846.	4.2	38
95	Combining regional moist static energy and ENSO for forecasting of early and late season Indian monsoon rainfall and its extremes. Geophysical Research Letters, 2014, 41, 4323-4331.	4.0	27
96	Inference and uncertainty of snow depth spatial distribution at the kilometre scale in the Colorado Rocky Mountains: the effects of sample size, random sampling, predictor quality, and validation procedures. Hydrological Processes, 2014, 28, 933-957.	2.6	19
97	Incorporating probabilistic seasonal climate forecasts into river management using a risk-based framework. Water Resources Research, 2013, 49, 4997-5008.	4.2	13
98	Extraction of supervisory building control rules from model predictive control of windows in a mixed mode building. Journal of Building Performance Simulation, 2013, 6, 199-219.	2.0	24
99	Signatures of Tibetan Plateau heating on Indian summer monsoon rainfall variability. Journal of Geophysical Research D: Atmospheres, 2013, 118, 1170-1178.	3.3	63
100	Integrated Approach to Simulate Stream Water Quality for Municipal Supply under a Changing Climate. Journal of Environmental Engineering, ASCE, 2013, 139, 1432-1440.	1.4	3
101	Generalized linear modeling of the El Niño/Southern Oscillation with application to seasonal forecasting and climate change projections. Journal of Geophysical Research: Oceans, 2013, 118, 3764-3781.	2.6	2
102	Probabilistic Identification of inverse Building Model Parameters. , 2013, , .		0
103	Daily minimum and maximum temperature simulation over complex terrain. Annals of Applied Statistics, 2013, 7, .	1.1	27
104	Forecasting river temperatures in real time using a stochastic dynamics approach. Water Resources Research, 2013, 49, 5168-5182.	4.2	61
105	Enhancement of inland penetration of monsoon depressions in the Bay of Bengal due to prestorm ground wetness. Water Resources Research, 2013, 49, 3589-3600.	4.2	16
106	Changes in North American snowpacks for 1979-2007 detected from the snow water equivalent data of SMMR and SSM/I passive microwave and related climatic factors. Journal of Geophysical Research D: Atmospheres, 2013, 118, 7682-7697.	3.3	36
107	Projecting demand extremes under climate change using extreme value analysis. Journal - American Water Works Association, 2013, 105, E40.	0.3	2
108	Experimental investigation of model predictive control-based rules for a radiantly cooled office. HVAC and R Research, 2013, 19, 602-615.	0.6	5

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109	Future Climate: Projected Average. , 2013, , 101-125.		34
110	Future Climate: Projected Extremes. , 2013, , 126-147.		20
111	Incorporating Climate Uncertainty in a Cost Assessment for New Municipal Source Water. Journal of Water Resources Planning and Management - ASCE, 2012, 138, 396-402.	2.6	2
112	Colorado River Basin Hydroclimatic Variability. Journal of Climate, 2012, 25, 4389-4403.	3.2	61
113	Special Section on Climate Change and Water Resources: Climate Nonstationarity and Water Resources Management. Journal of Water Resources Planning and Management - ASCE, 2012, 138, 385-388.	2.6	44
114	Pacific Ocean sea-surface temperature variability and predictability of rainfall in the early and late parts of the Indian summer monsoon season. Climate Dynamics, 2012, 39, 1543-1557.	3.8	16
115	River Temperature Forecasting: A Coupled-Modeling Framework for Management of River Habitat. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2012, 5, 1752-1760.	4.9	17
116	Idea Generation in Virtual Communities for Innovation: The Influence of Participants' Motivation on Idea Quality. , 2012, , .		13
117	Daily spatiotemporal precipitation simulation using latent and transformed Gaussian processes. Water Resources Research, 2012, 48, .	4.2	115
118	Late Miocene upward and outward growth of eastern Tibet and decreasing monsoon rainfall over the northwestern Indian subcontinent since ~ 10 Ma. Geophysical Research Letters, 2012, 39, .	4.0	39
119	The influence of ENSO on global terrestrial water storage using GRACE. Geophysical Research Letters, 2012, 39, .	4.0	95
120	Spatial interpolation schemes of daily precipitation for hydrologic modeling. Stochastic Environmental Research and Risk Assessment, 2012, 26, 295-320.	4.0	48
121	Reducing overdispersion in stochastic weather generators using a generalized linear modeling approach. Climate Research, 2012, 53, 13-24.	1.1	31
122	Effect of average flow and capacity utilization on effluent water quality from US municipal wastewater treatment facilities. Water Research, 2011, 45, 4279-4286.	11.3	30
123	Use of daily precipitation uncertainties in streamflow simulation and forecast. Stochastic Environmental Research and Risk Assessment, 2011, 25, 957-972.	4.0	20
124	Wavelet Auto-Regressive Method (WARM) for multi-site streamflow simulation of data with non-stationary spectra. Journal of Hydrology, 2011, 410, 1-12.	5.4	25
125	The once and future pulse of Indian monsoonal climate. Climate Dynamics, 2011, 36, 2159-2170.	3.8	95
126	Model-predictive control of mixed-mode buildings with rule extraction. Building and Environment, 2011, 46, 428-437.	6.9	137

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127	Long-Range Forecasting of Colorado Streamflows Based on Hydrologic, Atmospheric, and Oceanic Data. <i>Journal of Hydrologic Engineering - ASCE</i> , 2011, 16, 508-520.	1.9	17
128	Prototype Decision Support System for Operations on the Gunnison Basin with Improved Forecasts. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2011, 137, 428-438.	2.6	10
129	Integrated Framework for Quantifying and Predicting Weather-Related Highway Construction Delays. <i>Journal of Construction Engineering and Management - ASCE</i> , 2010, 136, 1160-1168.	3.8	53
130	Temporal patterns in daily measurements of inorganic and organic speciated PM2.5 in Denver. <i>Atmospheric Environment</i> , 2010, 44, 987-998.	4.1	25
131	Patterns of Indian Ocean sea-level change in a warming climate. <i>Nature Geoscience</i> , 2010, 3, 546-550.	12.9	203
132	Local Polynomial-Based Flood Frequency Estimator for Mixed Population. <i>Journal of Hydrologic Engineering - ASCE</i> , 2010, 15, 680-691.	1.9	19
133	ENSO Model Validation Using Wavelet Probability Analysis. <i>Journal of Climate</i> , 2010, 23, 5540-5547.	3.2	54
134	Long Range Streamflow Forecasting Based on Hydrologic and Climatic Data. , 2010, , .		0
135	An approach for probabilistic forecasting of seasonal turbidity threshold exceedance. <i>Water Resources Research</i> , 2010, 46, .	4.2	21
136	A multisite seasonal ensemble streamflow forecasting technique. <i>Water Resources Research</i> , 2010, 46, .	4.2	33
137	A nonparametric stochastic approach for multisite disaggregation of annual to daily streamflow. <i>Water Resources Research</i> , 2010, 46, .	4.2	95
138	Modeling hydrologic and water quality extremes in a changing climate: A statistical approach based on extreme value theory. <i>Water Resources Research</i> , 2010, 46, .	4.2	105
139	Linking weather generators and crop models for assessment of climate forecast outcomes. <i>Agricultural and Forest Meteorology</i> , 2010, 150, 166-174.	4.8	40
140	STOCHASTIC METHODS FOR MODELING PRECIPITATION AND STREAMFLOW. , 2010, , 17-52.		18
141	Using Parametric and Nonparametric Methods to Model Total Organic Carbon, Alkalinity, and pH after Conventional Surface Water Treatment. <i>Environmental Engineering Science</i> , 2009, 26, 1299-1308.	1.6	12
142	The Use of MTM-SVD Technique to Explore the Joint Spatiotemporal Modes of Wind and Sea Surface Variability in the North Indian Ocean during 1993-2005. <i>International Journal of Oceanography</i> , 2009, 2009, 1-11.	0.2	2
143	Joint Spatiotemporal Variability of Global Sea Surface Temperatures and Global Palmer Drought Severity Index Values. <i>Journal of Climate</i> , 2009, 22, 6251-6267.	3.2	18
144	Statistical-Dynamical Approach for Streamflow Modeling at Malakal, Sudan, on the White Nile River. <i>Journal of Hydrologic Engineering - ASCE</i> , 2009, 14, 185-196.	1.9	18

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145	Effects of irrigation and vegetation activity on early Indian summer monsoon variability. International Journal of Climatology, 2009, 29, 573-581.	3.5	117
146	Simulating Ensembles of Source Water Quality Using a K-Nearest Neighbor Resampling Approach. Environmental Science & Technology, 2009, 43, 1407-1411.	10.0	18
147	A nonparametric approach for paleohydrologic reconstruction of annual streamflow ensembles. Water Resources Research, 2009, 45, .	4.2	44
148	Comment on "When will Lake Mead go dry?" by T. P. Barnett and D. W. Pierce. Water Resources Research, 2009, 45, .	4.2	15
149	Water supply risk on the Colorado River: Can management mitigate?. Water Resources Research, 2009, 45, .	4.2	119
150	Decadal climate variability in the Argentine Pampas: regional impacts of plausible climate scenarios on agricultural systems. Climate Research, 2009, 40, 199-210.	1.1	27
151	Identification of large scale climate patterns affecting snow variability in the eastern United States. International Journal of Climatology, 2008, 28, 315-328.	3.5	16
152	Seasonal forecasting of East Asian summer monsoon based on oceanic heat sources. International Journal of Climatology, 2008, 28, 667-678.	3.5	19
153	Highly improved predictive skill in the forecasting of the East Asian summer monsoon. Water Resources Research, 2008, 44, .	4.2	14
154	A stochastic nonparametric approach for streamflow generation combining observational and paleoreconstructed data. Water Resources Research, 2008, 44, .	4.2	53
155	Southwestern U.S. tree-ring carbon isotope indices as a possible proxy for reconstruction of greenness of vegetation. Geophysical Research Letters, 2008, 35, .	4.0	27
156	Model assessment of the observed relationship between El Niño and the northern East Asian summer monsoon using the Community Climate System Model Community Atmosphere Model-Community Land Model version 3 (CAM-CLM3). Journal of Geophysical Research, 2008, 113, .	3.3	3
157	Competition Among Virtual Communities and User Valuation: The Case of Investing-Related Communities. Information Systems Research, 2007, 18, 68-85.	3.7	167
158	Interannual Variability and Ensemble Forecast of Upper Blue Nile Basin Kiremt Season Precipitation. Journal of Hydrometeorology, 2007, 8, 327-343.	1.9	93
159	Seasonal Shifts in the North American Monsoon. Journal of Climate, 2007, 20, 1923-1935.	3.2	71
160	Water Management Applications of Climate-Based Hydrologic Forecasts: Case Study of the Truckee-Carson River Basin. Journal of Water Resources Planning and Management - ASCE, 2007, 133, 339-350.	2.6	20
161	Modeling NOM Breakthrough in GAC Adsorbers Using Nonparametric Regression Techniques. Environmental Engineering Science, 2007, 24, 1280-1296.	1.6	12
162	Stochastic Streamflow Generation Incorporating Paleo-Reconstruction. , 2007, , .		0

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163	Generating streamflow forecasts for the Yakima River Basin using large-scale climate predictors. <i>Journal of Hydrology</i> , 2007, 341, 131-143.	5.4	23
164	A basin wide stochastic salinity model. <i>Journal of Hydrology</i> , 2007, 344, 43-54.	5.4	6
165	A stochastic nonparametric technique for space-time disaggregation of streamflows. <i>Water Resources Research</i> , 2007, 43, .	4.2	92
166	A semiparametric multivariate and multisite weather generator. <i>Water Resources Research</i> , 2007, 43, .	4.2	96
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