

A Allen Bradley

List of Publications by Year in descending order

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46
papers

1,800
citations

304368

22
h-index

301761

39
g-index

46
all docs

46
docs citations

46
times ranked

1818
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluating NEXRAD Multisensor Precipitation Estimates for Operational Hydrologic Forecasting. Journal of Hydrometeorology, 2000, 1, 241-254.	0.7	159
2	River gauging using PIV techniques: a proof of concept experiment on the Iowa River. Journal of Hydrology, 2003, 277, 182-194.	2.3	152
3	EVALUATION OF HYDROLOGIC BENEFITS OF INFILTRATION BASED URBAN STORM WATER MANAGEMENT. Journal of the American Water Resources Association, 2003, 39, 205-215.	1.0	151
4	Evaluation of bias-correction methods for ensemble streamflow volume forecasts. Hydrology and Earth System Sciences, 2007, 11, 939-950.	1.9	136
5	Experimental System for Real-Time Discharge Estimation Using an Image-Based Method. Journal of Hydrologic Engineering - ASCE, 2008, 13, 105-110.	0.8	127
6	An evaluation of NEXRAD precipitation estimates in complex terrain. Journal of Geophysical Research, 1999, 104, 19691-19703.	3.3	125
7	Flow measurement in streams using video imagery. Water Resources Research, 2002, 38, 51-1-51-8.	1.7	90
8	Sampling Uncertainty and Confidence Intervals for the Brier Score and Brier Skill Score. Weather and Forecasting, 2008, 23, 992-1006.	0.5	71
9	Towards better utilization of NEXRAD data in hydrology: an overview of Hydro-NEXRAD. Journal of Hydroinformatics, 2011, 13, 255-266.	1.1	70
10	Evaluation of the skill of North-American Multi-Model Ensemble (NMME) Global Climate Models in predicting average and extreme precipitation and temperature over the continental USA. Climate Dynamics, 2019, 53, 7381-7396.	1.7	50
11	Flood frequency analysis of simulated flows. Water Resources Research, 1992, 28, 2375-2385.	1.7	46
12	The Hydrometeorological Environment of Extreme Rainstorms in the Southern Plains of the United States. Journal of Applied Meteorology and Climatology, 1994, 33, 1418-1431.	1.7	46
13	Summary Verification Measures and Their Interpretation for Ensemble Forecasts. Monthly Weather Review, 2011, 139, 3075-3089.	0.5	45
14	Distributions-Oriented Verification of Ensemble Streamflow Predictions. Journal of Hydrometeorology, 2004, 5, 532-545.	0.7	43
15	Adequacy of using surface humidity to estimate atmospheric moisture availability for probable maximum precipitation. Water Resources Research, 2006, 42, .	1.7	41
16	An Experimental Study of Small-Scale Variability of Radar Reflectivity Using Disdrometer Observations. Journal of Applied Meteorology and Climatology, 2004, 43, 106-118.	1.7	39
17	Distributions-Oriented Verification of Probability Forecasts for Small Data Samples. Weather and Forecasting, 2003, 18, 903-917.	0.5	32
18	RAINGAGE NETWORK DESIGN USING NEXRAD PRECIPITATION ESTIMATES1. Journal of the American Water Resources Association, 2002, 38, 1393-1407.	1.0	30

#	ARTICLE	IF	CITATIONS
19	Weighting of NMME temperature and precipitation forecasts across Europe. <i>Journal of Hydrology</i> , 2017, 552, 646-659.	2.3	30
20	Regional frequency analysis methods for evaluating changes in hydrologic extremes. <i>Water Resources Research</i> , 1998, 34, 741-750.	1.7	28
21	Climate index weighting of ensemble streamflow forecasts using a simple Bayesian approach. <i>Water Resources Research</i> , 2015, 51, 7382-7400.	1.7	27
22	A dynamical statistical framework for seasonal streamflow forecasting in an agricultural watershed. <i>Climate Dynamics</i> , 2019, 53, 7429-7445.	1.7	26
23	Atmospheric Rivers and Rainfall during NASA's Iowa Flood Studies (IFloodS) Campaign*. <i>Journal of Hydrometeorology</i> , 2016, 17, 257-271.	0.7	24
24	The Iowa Watersheds Project: Iowa's prototype for engaging communities and professionals in watershed hazard mitigation. <i>International Journal of River Basin Management</i> , 2018, 16, 315-328.	1.5	23
25	Role of Ion Chemistry and Hydro-Geochemical Processes in Aquifer Salinization – A Case Study from a Semi-Arid Region of Haryana, India. <i>Water (Switzerland)</i> , 2021, 13, 617.	1.2	22
26	Improved ENSO Forecasting Using Bayesian Updating and the North American Multimodel Ensemble (NMME). <i>Journal of Climate</i> , 2017, 30, 9007-9025.	1.2	20
27	Coupled physical-numerical analysis of flows in natural waterways. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , 2001, 39, 51-60.	0.7	18
28	Numerical simulation of a heavy rainfall event during the PRE-STORM Experiment. <i>Water Resources Research</i> , 1997, 33, 783-799.	1.7	16
29	Towards Better Utilization of NEXRAD Data in Hydrology: An Overview of Hydro-NEXRAD. , 2007, , .		15
30	Errors in Streamflow Drought Statistics Reconstructed From Tree Ring Data. <i>Water Resources Research</i> , 1995, 31, 2279-2293.	1.7	12
31	Long-Term Simulation of Thermal Regime of Missouri River. <i>Journal of Hydraulic Engineering</i> , 1999, 125, 242-252.	0.7	12
32	AHPSVER: A web-based system for hydrologic forecast verification. <i>Computers and Geosciences</i> , 2007, 33, 739-748.	2.0	11
33	Floodplain Mapping Using Continuous Hydrologic and Hydraulic Simulation Models. <i>Journal of Hydrologic Engineering - ASCE</i> , 1996, 1, 63-68.	0.8	10
34	ESTIMATION OF WATER TEMPERATURE EXCEEDANCE PROBABILITIES USING THERMO-HYDRODYNAMIC MODELING. <i>Journal of the American Water Resources Association</i> , 1998, 34, 467-480.	1.0	10
35	Agricultural conservation practices in Iowa watersheds: comparing actual implementation with practice potential. <i>Environmental Monitoring and Assessment</i> , 2018, 190, 659.	1.3	9
36	Effect of temporal sampling of precipitation on hydrologic model calibration. <i>Journal of Geophysical Research</i> , 1999, 104, 19645-19654.	3.3	7

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37	Attributes of Forecast Quality. , 2019, , 849-892.		7
38	How Does the Record July 1996 Illinois Rainstorm Affect Probable Maximum Precipitation Estimates?. Journal of Hydrologic Engineering - ASCE, 2007, 12, 327-335.	0.8	5
39	Attributes of Forecast Quality. , 2016, , 1-44.		5
40	FLOOD FREQUENCY ANALYSIS FOR EVALUATING WATERSHED CONDITIONS WITH RAINFALL-RUNOFF MODELS. Journal of the American Water Resources Association, 1991, 27, 83-91.	1.0	4
41	Hydro-NEXRAD Metadata Computation and Use. , 2007, , .		3
42	Trilateration as Basis for Radial Staking. Journal of Surveying Engineering, - ASCE, 1984, 110, 49-57.	1.0	1
43	Advanced hydrologic predictions for improving water management. Water Resources Monograph, 2003, , 285-307.	1.0	1
44	What Causes Floods in Iowa?. , 0, , 7-18.		1
45	A Regional Probabilistic Approach for Estimating Flood Probabilities. , 2008, , .		0
46	Forecasting a Record Flood. , 2010, , 53-60.		0