

# Dennis Lettenmaier

## List of Publications by Citations

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421  
papers

51,390  
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116  
h-index

219  
g-index

433  
ext. papers

56,864  
ext. citations

5.2  
avg, IF

7.76  
L-index

#	Paper	IF	Citations
421	Potential impacts of a warming climate on water availability in snow-dominated regions. <i>Nature</i> , <b>2005</b> , 438, 303-9	50.4	2843
420	Climate change. Stationarity is dead: whither water management?. <i>Science</i> , <b>2008</b> , 319, 573-4	33.3	2737
419	A simple hydrologically based model of land surface water and energy fluxes for general circulation models. <i>Journal of Geophysical Research</i> , <b>1994</b> , 99, 14415		2485
418	Hydrologic Implications of Dynamical and Statistical Approaches to Downscaling Climate Model Outputs. <i>Climatic Change</i> , <b>2004</b> , 62, 189-216	4.5	1227
417	A Long-Term Hydrologically Based Dataset of Land Surface Fluxes and States for the Conterminous United States*. <i>Journal of Climate</i> , <b>2002</b> , 15, 3237-3251	4.4	1079
416	DECLINING MOUNTAIN SNOWPACK IN WESTERN NORTH AMERICA*. <i>Bulletin of the American Meteorological Society</i> , <b>2005</b> , 86, 39-50	6.1	1034
415	A distributed hydrology-vegetation model for complex terrain. <i>Water Resources Research</i> , <b>1994</b> , 30, 1665-1679	5.1	871
414	The multi-institution North American Land Data Assimilation System (NLDAS): Utilizing multiple GCIP products and partners in a continental distributed hydrological modeling system. <i>Journal of Geophysical Research</i> , <b>2004</b> , 109,		847
413	The Effects of Climate Change on the Hydrology and Water Resources of the Colorado River Basin. <i>Climatic Change</i> , <b>2004</b> , 62, 337-363	4.5	686
412	Long-range experimental hydrologic forecasting for the eastern United States. <i>Journal of Geophysical Research</i> , <b>2002</b> , 107, ACL 6-1		649
411	Surface soil moisture parameterization of the VIC-2L model: Evaluation and modification. <i>Global and Planetary Change</i> , <b>1996</b> , 13, 195-206	4.2	635
410	Measuring surface water from space. <i>Reviews of Geophysics</i> , <b>2007</b> , 45,	23.1	614
409	Toward a Unified View of the American Monsoon Systems. <i>Journal of Climate</i> , <b>2006</b> , 19, 4977-5000	4.4	564
408	Hyperresolution global land surface modeling: Meeting a grand challenge for monitoring Earth's terrestrial water. <i>Water Resources Research</i> , <b>2011</b> , 47,	5.4	520
407	Hydro-Climatological Trends in the Continental United States, 1948-88. <i>Journal of Climate</i> , <b>1994</b> , 7, 586-607	4.7	510
406	Global river discharge and water temperature under climate change. <i>Global Environmental Change</i> , <b>2013</b> , 23, 450-464	10.1	482
405	Hydrologic Sensitivity of Global Rivers to Climate Change. <i>Climatic Change</i> , <b>2001</b> , 50, 143-175	4.5	451

404	The Boreal Ecosystem-Atmosphere Study (BOREAS): An Overview and Early Results from the 1994 Field Year. <i>Bulletin of the American Meteorological Society</i> , <b>1995</b> , 76, 1549-1577	6.1	420
403	A Long-Term Hydrologically Based Dataset of Land Surface Fluxes and States for the Conterminous United States: Update and Extensions. <i>Journal of Climate</i> , <b>2013</b> , 26, 9384-9392	4.4	411
402	A land-surface hydrology parameterization with subgrid variability for general circulation models. <i>Journal of Geophysical Research</i> , <b>1992</b> , 97, 2717		403
401	Effects of Temperature and Precipitation Variability on Snowpack Trends in the Western United States*. <i>Journal of Climate</i> , <b>2005</b> , 18, 4545-4561	4.4	392
400	Predicting the Discharge of Global Rivers. <i>Journal of Climate</i> , <b>2001</b> , 14, 3307-3323	4.4	390
399	Evaluation of TRMM Multisatellite Precipitation Analysis (TMPA) and Its Utility in Hydrologic Prediction in the La Plata Basin. <i>Journal of Hydrometeorology</i> , <b>2008</b> , 9, 622-640	3.7	385
398	Present state of global wetland extent and wetland methane modelling: conclusions from a model inter-comparison project (WETCHIMP). <i>Biogeosciences</i> , <b>2013</b> , 10, 753-788	4.6	382
397	A multimodel ensemble approach to assessment of climate change impacts on the hydrology and water resources of the Colorado River Basin. <i>Hydrology and Earth System Sciences</i> , <b>2007</b> , 11, 1417-1434	5.5	380
396	Continental-scale water and energy flux analysis and validation for the North American Land Data Assimilation System project phase 2 (NLDAS-2): 1. Intercomparison and application of model products. <i>Journal of Geophysical Research</i> , <b>2012</b> , 117, n/a-n/a		373
395	BOREAS in 1997: Experiment overview, scientific results, and future directions. <i>Journal of Geophysical Research</i> , <b>1997</b> , 102, 28731-28769		367
394	Regional scale hydrology: I. Formulation of the VIC-2L model coupled to a routing model. <i>Hydrological Sciences Journal</i> , <b>1998</b> , 43, 131-141	3.5	362
393	Vulnerability of US and European electricity supply to climate change. <i>Nature Climate Change</i> , <b>2012</b> , 2, 676-681	21.4	361
392	Twentieth-Century Drought in the Conterminous United States. <i>Journal of Hydrometeorology</i> , <b>2005</b> , 6, 985-1001	3.7	354
391	Global Retrospective Estimation of Soil Moisture Using the Variable Infiltration Capacity Land Surface Model, 1980-93. <i>Journal of Climate</i> , <b>2001</b> , 14, 1790-1808	4.4	336
390	Implications of 21st century climate change for the hydrology of Washington State. <i>Climatic Change</i> , <b>2010</b> , 102, 225-260	4.5	335
389	EFFECTS OF CLIMATE CHANGE ON HYDROLOGY AND WATER RESOURCES IN THE COLUMBIA RIVER BASIN1. <i>Journal of the American Water Resources Association</i> , <b>1999</b> , 35, 1597-1623	2.1	335
388	Streamflow simulation for continental-scale river basins. <i>Water Resources Research</i> , <b>1997</b> , 33, 711-724	5.4	334
387	One-dimensional statistical dynamic representation of subgrid spatial variability of precipitation in the two-layer variable infiltration capacity model. <i>Journal of Geophysical Research</i> , <b>1996</b> , 101, 21403-21422		325

386	Assimilating remotely sensed snow observations into a macroscale hydrology model. <i>Advances in Water Resources</i> , <b>2006</b> , 29, 872-886	4.7	324
385	Adjustment of global gridded precipitation for systematic bias. <i>Journal of Geophysical Research</i> , <b>2003</b> , 108, n/a-n/a		323
384	Soil Moisture Drought in China, 1950-2006. <i>Journal of Climate</i> , <b>2011</b> , 24, 3257-3271	4.4	322
383	Implications of global climate change for snowmelt hydrology in the twenty-first century. <i>Hydrological Processes</i> , <b>2009</b> , 23, 962-972	3.3	322
382	Monitoring and Understanding Changes in Heat Waves, Cold Waves, Floods, and Droughts in the United States: State of Knowledge. <i>Bulletin of the American Meteorological Society</i> , <b>2013</b> , 94, 821-834	6.1	300
381	Hydrologic effects of frozen soils in the upper Mississippi River basin. <i>Journal of Geophysical Research</i> , <b>1999</b> , 104, 19599-19610		299
380	Cabauw Experimental Results from the Project for Intercomparison of Land-Surface Parameterization Schemes. <i>Journal of Climate</i> , <b>1997</b> , 10, 1194-1215	4.4	271
379	Mitigating the Effects of Climate Change on the Water Resources of the Columbia River Basin. <i>Climatic Change</i> , <b>2004</b> , 62, 233-256	4.5	271
378	Hydrologic sensitivities of the Sacramento-San Joaquin River Basin, California, to global warming. <i>Water Resources Research</i> , <b>1990</b> , 26, 69-86	5.4	265
377	A U.S. CLIVAR Project to Assess and Compare the Responses of Global Climate Models to Drought-Related SST Forcing Patterns: Overview and Results. <i>Journal of Climate</i> , <b>2009</b> , 22, 5251-5272	4.4	260
376	Climate change and river ecosystems: protection and adaptation options. <i>Environmental Management</i> , <b>2009</b> , 44, 1053-68	3.1	260
375	Variable infiltration capacity cold land process model updates. <i>Global and Planetary Change</i> , <b>2003</b> , 38, 151-159	4.2	256
374	Analysis of the Arctic System for Freshwater Cycle Intensification: Observations and Expectations. <i>Journal of Climate</i> , <b>2010</b> , 23, 5715-5737	4.4	253
373	Effects of 20th century warming and climate variability on flood risk in the western U.S.. <i>Water Resources Research</i> , <b>2007</b> , 43,	5.4	253
372	Recent Third Pole Rapid Warming Accompanies Cryospheric Melt and Water Cycle Intensification and Interactions between Monsoon and Environment: Multidisciplinary Approach with Observations, Modeling, and Analysis. <i>Bulletin of the American Meteorological Society</i> , <b>2019</b> , 100, 423-444	6.1	253
371	Evaluation of forest snow processes models (SnowMIP2). <i>Journal of Geophysical Research</i> , <b>2009</b> , 114,		250
370	Global and Continental Drought in the Second Half of the Twentieth Century: Severity, Area, Duration Analysis and Temporal Variability of Large-Scale Events. <i>Journal of Climate</i> , <b>2009</b> , 22, 1962-1981	4.4	249
369	The SWOT Mission and Its Capabilities for Land Hydrology. <i>Surveys in Geophysics</i> , <b>2016</b> , 37, 307-337	7.6	247

368	Columbia River Streamflow Forecasting Based on ENSO and PDO Climate Signals. <i>Journal of Water Resources Planning and Management - ASCE</i> , <b>1999</b> , 125, 333-341	2.8	247
367	The Project for Intercomparison of Land-surface Parameterization Schemes (PILPS) Phase 2(c) RedArkansas River basin experiment:: 1. Experiment description and summary intercomparisons. <i>Global and Planetary Change</i> , <b>1998</b> , 19, 115-135	4.2	243
366	Observed Impacts of Anthropogenic Climate Change on Wildfire in California. <i>Earth's Future</i> , <b>2019</b> , 7, 892-910	7.9	242
365	Preparing for Climatic Change: The Water, Salmon, and Forests of the Pacific Northwest. <i>Climatic Change</i> , <b>2003</b> , 61, 45-88	4.5	242
364	Effects of irrigation on the water and energy balances of the Colorado and Mekong river basins. <i>Journal of Hydrology</i> , <b>2006</b> , 324, 210-223	6	226
363	Geophysics. Tracking fresh water from space. <i>Science</i> , <b>2003</b> , 301, 1491-4	33.3	218
362	Hydrologic impacts of climate change on the Nile River Basin: implications of the 2007 IPCC scenarios. <i>Climatic Change</i> , <b>2010</b> , 100, 433-461	4.5	215
361	Detection of trends in water quality data from records with dependent observations. <i>Water Resources Research</i> , <b>1976</b> , 12, 1037-1046	5.4	214
360	Dramatic declines in snowpack in the western US. <i>Npj Climate and Atmospheric Science</i> , <b>2018</b> , 1,	8	213
359	The Surface Water and Ocean Topography Mission: Observing Terrestrial Surface Water and Oceanic Submesoscale Eddies. <i>Proceedings of the IEEE</i> , <b>2010</b> , 98, 766-779	14.3	208
358	Production of Temporally Consistent Gridded Precipitation and Temperature Fields for the Continental United States*. <i>Journal of Hydrometeorology</i> , <b>2005</b> , 6, 330-336	3.7	208
357	Trends in 20th century drought over the continental United States. <i>Geophysical Research Letters</i> , <b>2006</b> , 33, n/a-n/a	4.9	199
356	Economic Value of Long-Lead Streamflow Forecasts for Columbia River Hydropower. <i>Journal of Water Resources Planning and Management - ASCE</i> , <b>2002</b> , 128, 91-101	2.8	196
355	Skill in streamflow forecasts derived from large-scale estimates of soil moisture and snow. <i>Nature Geoscience</i> , <b>2010</b> , 3, 613-616	18.3	195
354	Global monitoring of large reservoir storage from satellite remote sensing. <i>Water Resources Research</i> , <b>2012</b> , 48,	5.4	192
353	Measurement of snow interception and canopy effects on snow accumulation and melt in a mountainous maritime climate, Oregon, United States. <i>Water Resources Research</i> , <b>2002</b> , 38, 5-1-5-16	5.4	187
352	Water Resources Implications of Global Warming: A U.S. Regional Perspective. <i>Climatic Change</i> , <b>1999</b> , 43, 537-579	4.5	187
351	Prospects for river discharge and depth estimation through assimilation of swath-altimetry into a raster-based hydrodynamics model. <i>Geophysical Research Letters</i> , <b>2007</b> , 34,	4.9	186

350	Twentieth-Century Trends in Runoff, Evapotranspiration, and Soil Moisture in the Western United States*. <i>Journal of Climate</i> , <b>2007</b> , 20, 1468-1486	4.4	185
349	A Test Bed for New Seasonal Hydrologic Forecasting Approaches in the Western United States. <i>Bulletin of the American Meteorological Society</i> , <b>2006</b> , 87, 1699-1712	6.1	182
348	Simulation of high-latitude hydrological processes in the TorneÅkalix basin: PILPS Phase 2(e): 1: Experiment description and summary intercomparisons. <i>Global and Planetary Change</i> , <b>2003</b> , 38, 1-30	4.2	177
347	Correction of Global Precipitation Products for Orographic Effects. <i>Journal of Climate</i> , <b>2006</b> , 19, 15-38	4.4	176
346	Potential Implications of PCM Climate Change Scenarios for Sacramento-San Joaquin River Basin Hydrology and Water Resources. <i>Climatic Change</i> , <b>2004</b> , 62, 257-281	4.5	175
345	Anthropogenic impacts on continental surface water fluxes. <i>Geophysical Research Letters</i> , <b>2006</b> , 33,	4.9	172
344	Effects of land cover change on streamflow in the interior Columbia River Basin (USA and Canada). <i>Hydrological Processes</i> , <b>2000</b> , 14, 867-885	3.3	168
343	Modeling snow accumulation and ablation processes in forested environments. <i>Water Resources Research</i> , <b>2009</b> , 45,	5.4	167
342	If Precipitation Extremes Are Increasing, Why Aren't Floods?. <i>Water Resources Research</i> , <b>2018</b> , 54, 8545-8551	5.4	165
341	Dynamic modeling of orographically induced precipitation. <i>Reviews of Geophysics</i> , <b>1994</b> , 32, 265	23.1	163
340	Inroads of remote sensing into hydrologic science during the WRR era. <i>Water Resources Research</i> , <b>2015</b> , 51, 7309-7342	5.4	162
339	Evaluation of the snow-covered area data product from MODIS. <i>Hydrological Processes</i> , <b>2003</b> , 17, 59-71	3.3	161
338	An Agenda for Land Surface Hydrology Research and a Call for the Second International Hydrological Decade. <i>Bulletin of the American Meteorological Society</i> , <b>1999</b> , 80, 2043-2058	6.1	160
337	Application of a macroscale hydrologic model to estimate the water balance of the Arkansas-Red River Basin. <i>Journal of Geophysical Research</i> , <b>1996</b> , 101, 7449-7459		160
336	A prominent pattern of year-to-year variability in Indian Summer Monsoon Rainfall. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 7213-7	11.5	159
335	An ensemble approach for attribution of hydrologic prediction uncertainty. <i>Geophysical Research Letters</i> , <b>2008</b> , 35,	4.9	156
334	On Critiques of Stationarity is Dead: Whither Water Management? <i>Water Resources Research</i> , <b>2015</b> , 51, 7785-7789	5.4	150
333	Effect of regional heterogeneity on flood frequency estimation. <i>Water Resources Research</i> , <b>1987</b> , 23, 313-323	5.4	148

332	Effect of precipitation sampling error on simulated hydrological fluxes and states: Anticipating the Global Precipitation Measurement satellites. <i>Journal of Geophysical Research</i> , <b>2004</b> , 109,		147
331	Estimation of bathymetric depth and slope from data assimilation of swath altimetry into a hydrodynamic model. <i>Geophysical Research Letters</i> , <b>2008</b> , 35,	4.9	146
330	Changes in observed climate extremes in global urban areas. <i>Environmental Research Letters</i> , <b>2015</b> , 10, 024005	6.2	145
329	Detection of Intensification in Global- and Continental-Scale Hydrological Cycles: Temporal Scale of Evaluation. <i>Journal of Climate</i> , <b>2003</b> , 16, 535-547	4.4	145
328	Hydrologic uncertainties in climate change from IPCC AR4 GCM simulations of the Chungju Basin, Korea. <i>Journal of Hydrology</i> , <b>2011</b> , 401, 90-105	6	144
327	How much runoff originates as snow in the western United States, and how will that change in the future?. <i>Geophysical Research Letters</i> , <b>2017</b> , 44, 6163-6172	4.9	142
326	Development of regional parameter estimation equations for a macroscale hydrologic model. <i>Journal of Hydrology</i> , <b>1997</b> , 197, 230-257	6	142
325	Understanding Uncertainties in Future Colorado River Streamflow. <i>Bulletin of the American Meteorological Society</i> , <b>2014</b> , 95, 59-78	6.1	141
324	Assessing the impact of land use change on hydrology by ensemble modeling (LUCHEM). I: Model intercomparison with current land use. <i>Advances in Water Resources</i> , <b>2009</b> , 32, 129-146	4.7	141
323	Multimodel Ensemble Reconstruction of Drought over the Continental United States. <i>Journal of Climate</i> , <b>2009</b> , 22, 2694-2712	4.4	139
322	Hydrologic Sensitivities of Colorado River Runoff to Changes in Precipitation and Temperature*. <i>Journal of Hydrometeorology</i> , <b>2012</b> , 13, 932-949	3.7	139
321	The Project for Intercomparison of Land-surface Parameterization Schemes (PILPS) phase 2(c) RedArkansas River basin experiment:. <i>Global and Planetary Change</i> , <b>1998</b> , 19, 161-179	4.2	137
320	Effects of a century of land cover and climate change on the hydrology of the Puget Sound basin. <i>Hydrological Processes</i> , <b>2009</b> , 23, 907-933	3.3	136
319	Global evaluation of MTCLIM and related algorithms for forcing of ecological and hydrological models. <i>Agricultural and Forest Meteorology</i> , <b>2013</b> , 176, 38-49	5.8	132
318	Precipitation extremes and the impacts of climate change on stormwater infrastructure in Washington State. <i>Climatic Change</i> , <b>2010</b> , 102, 319-349	4.5	132
317	Application of a GIS-based distributed hydrology model for prediction of forest harvest effects on peak stream flow in the Pacific Northwest. <i>Hydrological Processes</i> , <b>1998</b> , 12, 889-904	3.3	131
316	Simulation of spatial variability in snow and frozen soil. <i>Journal of Geophysical Research</i> , <b>2003</b> , 108,		130
315	Present state of global wetland extent and wetland methane modelling: methodology of a model inter-comparison project (WETCHIMP). <i>Geoscientific Model Development</i> , <b>2013</b> , 6, 617-641	6.3	128

314	Regional scale hydrology: II. Application of the VIC-2L model to the Weser River, Germany. <i>Hydrological Sciences Journal</i> , <b>1998</b> , 43, 143-158	3.5	127
313	Noah LSM Snow Model Diagnostics and Enhancements. <i>Journal of Hydrometeorology</i> , <b>2010</b> , 11, 721-738	3.7	121
312	Assimilation of virtual wide swath altimetry to improve Arctic river modeling. <i>Remote Sensing of Environment</i> , <b>2011</b> , 115, 373-381	13.2	120
311	On the causes of the shrinking of Lake Chad. <i>Environmental Research Letters</i> , <b>2011</b> , 6, 034021	6.2	120
310	HYDROLOGICAL MODELING OF CONTINENTAL-SCALE BASINS. <i>Annual Review of Earth and Planetary Sciences</i> , <b>1997</b> , 25, 279-300	15.3	119
309	Seasonal hydrologic prediction in the United States: understanding the role of initial hydrologic conditions and seasonal climate forecast skill. <i>Hydrology and Earth System Sciences</i> , <b>2011</b> , 15, 3529-3538	5.5	118
308	Evaluation of the land surface water budget in NCEP/NCAR and NCEP/DOE reanalyses using an off-line hydrologic model. <i>Journal of Geophysical Research</i> , <b>2001</b> , 106, 17841-17862		117
307	Is climate change implicated in the 2013-2014 California drought? A hydrologic perspective. <i>Geophysical Research Letters</i> , <b>2015</b> , 42, 2805-2813	4.9	116
306	Value of long-term streamflow forecasts to reservoir operations for water supply in snow-dominated river catchments. <i>Water Resources Research</i> , <b>2016</b> , 52, 4209-4225	5.4	109
305	Effects of climate change on snowpack and fire potential in the western USA. <i>Climatic Change</i> , <b>2017</b> , 141, 287-299	4.5	108
304	Heat wave flash droughts in decline. <i>Geophysical Research Letters</i> , <b>2015</b> , 42, 2823-2829	4.9	108
303	Assessing the impact of land use change on hydrology by ensemble modelling (LUCHEM) II: Ensemble combinations and predictions. <i>Advances in Water Resources</i> , <b>2009</b> , 32, 147-158	4.7	108
302	Soil Moisture, Snow, and Seasonal Streamflow Forecasts in the United States. <i>Journal of Hydrometeorology</i> , <b>2012</b> , 13, 189-203	3.7	105
301	Effects of forest roads on flood flows in the Deschutes River, Washington. <i>Earth Surface Processes and Landforms</i> , <b>2001</b> , 26, 115-134	3.7	105
300	Coupled daily streamflow and water temperature modelling in large river basins. <i>Hydrology and Earth System Sciences</i> , <b>2012</b> , 16, 4303-4321	5.5	104
299	Modeling the Effects of Lakes and Wetlands on the Water Balance of Arctic Environments. <i>Journal of Hydrometeorology</i> , <b>2010</b> , 11, 276-295	3.7	103
298	Dependence of Extreme Daily Maximum Temperatures on Antecedent Soil Moisture in the Contiguous United States during Summer. <i>Journal of Climate</i> , <b>2000</b> , 13, 2641-2651	4.4	103
297	Changes in winter precipitation extremes for the western United States under a warmer climate as simulated by regional climate models. <i>Geophysical Research Letters</i> , <b>2012</b> , 39, n/a-n/a	4.9	101



296	Simulation of high latitude hydrological processes in the TorneÅkalix basin: PILPS Phase 2(e). <i>Global and Planetary Change</i> , <b>2003</b> , 38, 31-53	4.2	100
295	Relationship between hourly extreme precipitation and local air temperature in the United States. <i>Geophysical Research Letters</i> , <b>2012</b> , 39, n/a-n/a	4.9	99
294	The contribution of glacier melt to streamflow. <i>Environmental Research Letters</i> , <b>2012</b> , 7, 034029	6.2	97
293	A comparison of simplified methods for routing topographically driven subsurface flow. <i>Water Resources Research</i> , <b>1999</b> , 35, 255-264	5.4	97
292	Simulation of reservoir influences on annual and seasonal streamflow changes for the Lena, Yenisei, and Ob' rivers. <i>Journal of Geophysical Research</i> , <b>2007</b> , 112,		96
291	The role of surface storage in a low-gradient Arctic watershed. <i>Water Resources Research</i> , <b>2003</b> , 39,	5.4	96
290	Data requirements for kriging: Estimation and network design. <i>Water Resources Research</i> , <b>1981</b> , 17, 1641-1650	5.1	96
289	THE OLYMPIC MOUNTAINS EXPERIMENT (OLYMPEX). <i>Bulletin of the American Meteorological Society</i> , <b>2017</b> , 98, 2167-2188	6.1	95
288	Estimating the water budget of major US river basins via remote sensing. <i>International Journal of Remote Sensing</i> , <b>2010</b> , 31, 3955-3978	3.1	94
287	A Markov Renewal Model for rainfall occurrences. <i>Water Resources Research</i> , <b>1987</b> , 23, 875-884	5.4	94
286	Remote sensing: hydrology. <i>Progress in Physical Geography</i> , <b>2009</b> , 33, 490-509	3.5	93
285	How Essential is Hydrologic Model Calibration to Seasonal Streamflow Forecasting?. <i>Journal of Hydrometeorology</i> , <b>2008</b> , 9, 1350-1363	3.7	92
284	Parameterization of Blowing-Snow Sublimation in a Macroscale Hydrology Model. <i>Journal of Hydrometeorology</i> , <b>2004</b> , 5, 745-762	3.7	92
283	Key results and implications from phase 1(c) of the Project for Intercomparison of Land-surface Parametrization Schemes. <i>Climate Dynamics</i> , <b>1999</b> , 15, 673-684	4.2	92
282	Streamflow simulations of the terrestrial Arctic domain. <i>Journal of Geophysical Research</i> , <b>2005</b> , 110,		91
281	Effects of Digital Elevation Model Accuracy on Hydrologic Predictions. <i>Remote Sensing of Environment</i> , <b>2000</b> , 74, 432-444	13.2	91
280	An approach for global monitoring of surface water extent variations in reservoirs using MODIS data. <i>Remote Sensing of Environment</i> , <b>2017</b> , 202, 113-128	13.2	90
279	The NAME 2004 Field Campaign and Modeling Strategy. <i>Bulletin of the American Meteorological Society</i> , <b>2006</b> , 87, 79-94	6.1	90

278	PROBABILISTIC METHODS IN STREAM QUALITY MANAGEMENT <sup>1</sup> . <i>Journal of the American Water Resources Association</i> , <b>1975</b> , 11, 115-130	2.1	89
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