

Eric F Wood

List of Publications by Year in descending order

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Version: 2024-02-01

377
papers

55,243
citations

1099

112
h-index

1461

220
g-index

421
all docs

421
docs citations

421
times ranked

30980
citing authors

#	ARTICLE	IF	CITATIONS
1	Doubling of annual forest carbon loss over the tropics during the early twenty-first century. <i>Nature Sustainability</i> , 2022, 5, 444-451.	23.7	47
2	Deforestation-induced warming over tropical mountain regions regulated by elevation. <i>Nature Geoscience</i> , 2021, 14, 23-29.	12.9	73
3	A new vector-based global river network dataset accounting for variable drainage density. <i>Scientific Data</i> , 2021, 8, 28.	5.3	42
4	Satellite Flood Inundation Assessment and Forecast Using SMAP and Landsat. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2021, 14, 6707-6715.	4.9	20
5	Evaluation of 18 satellite- and model-based soil moisture products using in situ measurements from 826 sensors. <i>Hydrology and Earth System Sciences</i> , 2021, 25, 17-40.	4.9	156
6	Field-scale soil moisture bridges the spatial-scale gap between drought monitoring and agricultural yields. <i>Hydrology and Earth System Sciences</i> , 2021, 25, 1827-1847.	4.9	23
7	Reducing Solar Radiation Forcing Uncertainty and Its Impact on Surface Energy and Water Fluxes. <i>Journal of Hydrometeorology</i> , 2021, 22, 813-829.	1.9	2
8	Synergistic Satellite Assessment of Global Vegetation Health in Relation to ENSO-induced Droughts and Pluvials. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021, 126, e2020JG006006.	3.0	4
9	Improved multi-model ensemble forecasts of Iran's precipitation and temperature using a hybrid dynamical-statistical approach during fall and winter seasons. <i>International Journal of Climatology</i> , 2021, 41, 5698.	3.5	4
10	Global Reach-Level 3-Hourly River Flood Reanalysis (1980–2019). <i>Bulletin of the American Meteorological Society</i> , 2021, 102, E2086-E2105.	3.3	25
11	Rapid and large-scale mapping of flood inundation via integrating spaceborne synthetic aperture radar imagery with unsupervised deep learning. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2021, 178, 36-50.	11.1	47
12	Strengthening Flood and Drought Risk Management Tools for the Lake Chad Basin. , 2021, , 387-405.		2
13	SMAP-HydroBlocks, a 30-m satellite-based soil moisture dataset for the conterminous US. <i>Scientific Data</i> , 2021, 8, 264.	5.3	24
14	Bias Correction of Global High-Resolution Precipitation Climatologies Using Streamflow Observations from 9372 Catchments. <i>Journal of Climate</i> , 2020, 33, 1299-1315.	3.2	94
15	The Reliability of Global Remote Sensing Evapotranspiration Products over Amazon. <i>Remote Sensing</i> , 2020, 12, 2211.	4.0	23
16	Global Fully Distributed Parameter Regionalization Based on Observed Streamflow From 4,229 Headwater Catchments. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD031485.	3.3	44
17	Flood Risks in Sinking Delta Cities: Time for a Reevaluation?. <i>Earth's Future</i> , 2020, 8, e2020EF001614.	6.3	38
18	PPDIST, global 0.1° daily and 3-hourly precipitation probability distribution climatologies for 1979–2018. <i>Scientific Data</i> , 2020, 7, 302.	5.3	12

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19	A global near-real-time soil moisture index monitor for food security using integrated SMOS and SMAP. Remote Sensing of Environment, 2020, 246, 111864.	11.0	35
20	Combining hyper-resolution land surface modeling with SMAP brightness temperatures to obtain 30-m soil moisture estimates. Remote Sensing of Environment, 2020, 242, 111740.	11.0	59
21	Spatiotemporal assimilation—interpolation of discharge records through inverse streamflow routing. Hydrology and Earth System Sciences, 2020, 24, 293-305.	4.9	13
22	Effect of Structural Uncertainty in Passive Microwave Soil Moisture Retrieval Algorithm. Sensors, 2020, 20, 1225.	3.8	5
23	A Global Drought and Flood Catalogue from 1950 to 2016. Bulletin of the American Meteorological Society, 2020, 101, E508-E535.	3.3	98
24	Global Estimates of Reach—Level Bankfull River Width Leveraging Big Data Geospatial Analysis. Geophysical Research Letters, 2020, 47, e2019GL086405.	4.0	37
25	ECOSTRESS: NASA's Next Generation Mission to Measure Evapotranspiration From the International Space Station. Water Resources Research, 2020, 56, e2019WR026058.	4.2	220
26	Global-Scale Evaluation of 22 Precipitation Datasets Using Gauge Observations and Hydrological Modeling. Advances in Global Change Research, 2020, , 625-653.	1.6	24
27	Projected Seasonal Changes in Large-Scale Global Precipitation and Temperature Extremes Based on the CMIP5 Ensemble. Journal of Climate, 2020, 33, 5651-5671.	3.2	39
28	Global Evaluation of Seasonal Precipitation and Temperature Forecasts from NMME. Journal of Hydrometeorology, 2020, 21, 2473-2486.	1.9	15
29	Satellite Flood Assessment and Forecasts from SMAP and Landsat. , 2020, , .		3
30	Hydrological Forecasts and Projections for Improved Decision-Making in the Water Sector in Europe. Bulletin of the American Meteorological Society, 2019, 100, 2451-2472.	3.3	52
31	Global Reconstruction of Naturalized River Flows at 2.94 Million Reaches. Water Resources Research, 2019, 55, 6499-6516.	4.2	175
32	Long-term, non-anthropogenic groundwater storage changes simulated by three global-scale hydrological models. Scientific Reports, 2019, 9, 10746.	3.3	40
33	Simultaneous retrieval of global scale Vegetation Optical Depth, surface roughness, and soil moisture using X-band AMSR-E observations. Remote Sensing of Environment, 2019, 234, 111473.	11.0	30
34	Solar and wind energy enhances drought resilience and groundwater sustainability. Nature Communications, 2019, 10, 4893.	12.8	39
35	Enhancing SWOT discharge assimilation through spatiotemporal correlations. Remote Sensing of Environment, 2019, 234, 111450.	11.0	14
36	In Quest of Calibration Density and Consistency in Hydrologic Modeling: Distributed Parameter Calibration against Streamflow Characteristics. Water Resources Research, 2019, 55, 7784-7803.	4.2	44

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37	Role of Moisture Transport and Recycling in Characterizing Droughts: Perspectives from Two Recent U.S. Droughts and the CFSv2 System. <i>Journal of Hydrometeorology</i> , 2019, 20, 139-154.	1.9	22
38	Daily evaluation of 26 precipitation datasets using Stage-IV gauge-radar data for the CONUS. <i>Hydrology and Earth System Sciences</i> , 2019, 23, 207-224.	4.9	325
39	Determinants of the ratio of actual to potential evapotranspiration. <i>Global Change Biology</i> , 2019, 25, 1326-1343.	9.5	39
40	Twenty-three unsolved problems in hydrology (UPH) – a community perspective. <i>Hydrological Sciences Journal</i> , 2019, 64, 1141-1158.	2.6	474
41	Reduced Moisture Transport Linked to Drought Propagation Across North America. <i>Geophysical Research Letters</i> , 2019, 46, 5243-5253.	4.0	64
42	POLARIS Soil Properties: 30-yr Probabilistic Maps of Soil Properties Over the Contiguous United States. <i>Water Resources Research</i> , 2019, 55, 2916-2938.	4.2	77
43	A reversal in global terrestrial stilling and its implications for wind energy production. <i>Nature Climate Change</i> , 2019, 9, 979-985.	18.8	246
44	MSWEP V2 Global 3-Hourly 0.1° Precipitation: Methodology and Quantitative Assessment. <i>Bulletin of the American Meteorological Society</i> , 2019, 100, 473-500.	3.3	592
45	Development and Evaluation of a Pan-European Multimodel Seasonal Hydrological Forecasting System. <i>Journal of Hydrometeorology</i> , 2019, 20, 99-115.	1.9	51
46	Seasonal Drought Forecasting on the Example of the USA. , 2019, , 1279-1287.		0
47	Multi-model ensemble projections of European river floods and high flows at 1.5, 2, and 3 degrees global warming. <i>Environmental Research Letters</i> , 2018, 13, 014003.	5.2	104
48	Anthropogenic warming exacerbates European soil moisture droughts. <i>Nature Climate Change</i> , 2018, 8, 421-426.	18.8	439
49	Anthropogenic Intensification of Southern African Flash Droughts as Exemplified by the 2015/16 Season. <i>Bulletin of the American Meteorological Society</i> , 2018, 99, S86-S90.	3.3	94
50	Development and Validation of a Long-Term, Global, Terrestrial Sensible Heat Flux Dataset. <i>Journal of Climate</i> , 2018, 31, 6073-6095.	3.2	10
51	Bias Correction of Historical and Future Simulations of Precipitation and Temperature for China from CMIP5 Models. <i>Journal of Hydrometeorology</i> , 2018, 19, 609-623.	1.9	69
52	A large-area, spatially continuous assessment of land cover map error and its impact on downstream analyses. <i>Global Change Biology</i> , 2018, 24, 322-337.	9.5	42
53	Simulated sensitivity of African terrestrial ecosystem photosynthesis to rainfall frequency, intensity, and rainy season length. <i>Environmental Research Letters</i> , 2018, 13, 025013.	5.2	26
54	Developing a drought-monitoring index for the contiguous US using SMAP. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 6611-6626.	4.9	40

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55	Present and future Köppen-Geiger climate classification maps at 1-km resolution. <i>Scientific Data</i> , 2018, 5, 180214.	5.3	3,005
56	Global terrestrial stilling: does Earth's greening play a role?. <i>Environmental Research Letters</i> , 2018, 13, 124013.	5.2	33
57	Satellite Remote Sensing for Water Resources Management: Potential for Supporting Sustainable Development in Data-Poor Regions. <i>Water Resources Research</i> , 2018, 54, 9724-9758.	4.2	247
58	A Climate Data Record (CDR) for the global terrestrial water budget: 1984–2010. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 241-263.	4.9	91
59	Highland cropland expansion and forest loss in Southeast Asia in the twenty-first century. <i>Nature Geoscience</i> , 2018, 11, 556-562.	12.9	168
60	Accelerating forest loss in Southeast Asian Massif in the 21st century: A case study in Nan Province, Thailand. <i>Global Change Biology</i> , 2018, 24, 4682-4695.	9.5	43
61	Climate change alters low flows in Europe under global warming of 1.5, 2, and 3°C. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 1017-1032.	4.9	146
62	Assessing Seasonal Climate Forecasts Over Africa to Support Decision-Making. <i>World Scientific Series on Asia-Pacific Weather and Climate</i> , 2018, , 1-15.	0.2	1
63	Sensitivity and Uncertainty of a Long-Term, High-Resolution, Global, Terrestrial Sensible Heat Flux Data Set. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 4988-5000.	3.3	3
64	Assessment of a High-Resolution Climate Model for Surface Water and Energy Flux Simulations over Global Land: An Intercomparison with Reanalyses. <i>Journal of Hydrometeorology</i> , 2018, 19, 1115-1129.	1.9	3
65	Climate mitigation from vegetation biophysical feedbacks during the past three decades. <i>Nature Climate Change</i> , 2017, 7, 432-436.	18.8	323
66	Validation of SMAP soil moisture for the SMAPVEX15 field campaign using a hyper-resolution model. <i>Water Resources Research</i> , 2017, 53, 3013-3028.	4.2	47
67	The future of evapotranspiration: Global requirements for ecosystem functioning, carbon and climate feedbacks, agricultural management, and water resources. <i>Water Resources Research</i> , 2017, 53, 2618-2626.	4.2	552
68	Forecasting the Hydroclimatic Signature of the 2015/16 El Niño Event on the Western United States. <i>Journal of Hydrometeorology</i> , 2017, 18, 177-186.	1.9	26
69	Four decades of microwave satellite soil moisture observations: Part 2. Product validation and inter-satellite comparisons. <i>Advances in Water Resources</i> , 2017, 109, 236-252.	3.8	70
70	Four decades of microwave satellite soil moisture observations: Part 1. A review of retrieval algorithms. <i>Advances in Water Resources</i> , 2017, 109, 106-120.	3.8	122
71	The future of Earth observation in hydrology. <i>Hydrology and Earth System Sciences</i> , 2017, 21, 3879-3914.	4.9	313
72	CFSv2-based sub-seasonal precipitation and temperature forecast skill over the contiguous United States. <i>Hydrology and Earth System Sciences</i> , 2017, 21, 1477-1490.	4.9	63

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73	Global-scale evaluation of 22 precipitation datasets using gauge observations and hydrological modeling. <i>Hydrology and Earth System Sciences</i> , 2017, 21, 6201-6217.	4.9	541
74	Research to Advance Drought Monitoring and Prediction Capabilities. <i>Drought and Water Crises</i> , 2017, , 127-140.	0.1	2
75	The WACMOS-ET project â€œ PartÂ2: Evaluation of global terrestrial evaporation data sets. <i>Hydrology and Earth System Sciences</i> , 2016, 20, 823-842.	4.9	253
76	Impacts of recent drought and warm years on water resources and electricity supply worldwide. <i>Environmental Research Letters</i> , 2016, 11, 124021.	5.2	85
77	The GEWEX LandFlux project: evaluation of model evaporation using tower-based and globally gridded forcing data. <i>Geoscientific Model Development</i> , 2016, 9, 283-305.	3.6	119
78	The WACMOS-ET project â€œ PartÂ1: Tower-scale evaluation of four remote-sensing-based evapotranspiration algorithms. <i>Hydrology and Earth System Sciences</i> , 2016, 20, 803-822.	4.9	164
79	HydroBlocks: a fieldâ€scale resolving land surface model for application over continental extents. <i>Hydrological Processes</i> , 2016, 30, 3543-3559.	2.6	75
80	An initial assessment of SMAP soil moisture retrievals using highâ€resolution model simulations and in situ observations. <i>Geophysical Research Letters</i> , 2016, 43, 9662-9668.	4.0	97
81	Depiction of drought over subâ€Saharan Africa using reanalyses precipitation data sets. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 10,555.	3.3	44
82	Development and Analysis of a Long-Term, Global, Terrestrial Land Surface Temperature Dataset Based on HIRS Satellite Retrievals. <i>Journal of Climate</i> , 2016, 29, 3589-3606.	3.2	38
83	POLARIS: A 30-meter probabilistic soil series map of the contiguous United States. <i>Geoderma</i> , 2016, 274, 54-67.	5.1	197
84	Reconciling agriculture, carbon and biodiversity in a savannah transformation frontier. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150316.	4.0	33
85	On Creating Global Gridded Terrestrial Water Budget Estimates from Satellite Remote Sensing. <i>Surveys in Geophysics</i> , 2016, 37, 249-268.	4.6	25
86	Deriving global parameter estimates for the Noah land surface model using FLUXNET and machine learning. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 13,218.	3.3	34
87	Assessing GFDL highâ€resolution climate model water and energy budgets from AMIP simulations over Africa. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 8444-8459.	3.3	5
88	Improved sub-seasonal meteorological forecast skill using weighted multi-model ensemble simulations. <i>Environmental Research Letters</i> , 2016, 11, 094007.	5.2	48
89	Evaluation of historical and future simulations of precipitation and temperature in central Africa from CMIP5 climate models. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 130-152.	3.3	116
90	On Creating Global Gridded Terrestrial Water Budget Estimates from Satellite Remote Sensing. <i>Space Sciences Series of ISSI</i> , 2016, , 59-78.	0.0	11

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91	A review on climateâ€modelâ€based seasonal hydrologic forecasting: physical understanding and system development. Wiley Interdisciplinary Reviews: Water, 2015, 2, 523-536.	6.5	106
92	Inroads of remote sensing into hydrologic science during the WRR era. Water Resources Research, 2015, 51, 7309-7342.	4.2	243
93	Seasonal Drought Forecasting on the Example of the USA. , 2015, , 1-9.		1
94	High-resolution modeling of the spatial heterogeneity of soil moisture: Applications in network design. Water Resources Research, 2015, 51, 619-638.	4.2	73
95	Hyper-resolution global hydrological modelling: what is next?. Hydrological Processes, 2015, 29, 310-320.	2.6	280
96	Flood and drought hydrologic monitoring: the role of model parameter uncertainty. Hydrology and Earth System Sciences, 2015, 19, 3239-3251.	4.9	46
97	Correction of real-time satellite precipitation with satellite soil moisture observations. Hydrology and Earth System Sciences, 2015, 19, 4275-4291.	4.9	36
98	Optimization of a Radiative Transfer Forward Operator for Simulating SMOS Brightness Temperatures over the Upper Mississippi Basin. Journal of Hydrometeorology, 2015, 16, 1109-1134.	1.9	29
99	Seasonal Forecasting of Global Hydrologic Extremes: System Development and Evaluation over GEWEX Basins. Bulletin of the American Meteorological Society, 2015, 96, 1895-1912.	3.3	85
100	Triple collocation: Beyond three estimates and separation of structural/non-structural errors. Remote Sensing of Environment, 2015, 171, 299-310.	11.0	37
101	Prospects for Advancing Drought Understanding, Monitoring, and Prediction. Journal of Hydrometeorology, 2015, 16, 1636-1657.	1.9	72
102	Evaluation of the Tropical Rainfall Measuring Mission Multi-Satellite Precipitation Analysis (TMPA) for assessment of large-scale meteorological drought. Remote Sensing of Environment, 2015, 159, 181-193.	11.0	126
103	The energy balance over land and oceans: an assessment based on direct observations and CMIP5 climate models. Climate Dynamics, 2015, 44, 3393-3429.	3.8	239
104	Photosynthetic seasonality of global tropical forests constrained by hydroclimate. Nature Geoscience, 2015, 8, 284-289.	12.9	337
105	The Attribution of Landâ€™Atmosphere Interactions on the Seasonal Predictability of Drought. Journal of Hydrometeorology, 2015, 16, 793-810.	1.9	20
106	Copula-Based Downscaling of Coarse-Scale Soil Moisture Observations With Implicit Bias Correction. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 3507-3521.	6.3	60
107	The Observed State of the Water Cycle in the Early Twenty-First Century. Journal of Climate, 2015, 28, 8289-8318.	3.2	230
108	A Framework for Diagnosing Seasonal Prediction through Canonical Event Analysis. Monthly Weather Review, 2015, 143, 2404-2418.	1.4	20

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109	Impact of model structure and parameterization on Penman-Monteith type evaporation models. <i>Journal of Hydrology</i> , 2015, 525, 521-535.	5.4	87
110	Internationally coordinated multi-mission planning is now critical to sustain the space-based rainfall observations needed for managing floods globally. <i>Environmental Research Letters</i> , 2015, 10, 024010.	5.2	17
111	Creating consistent datasets by combining remotely-sensed data and land surface model estimates through Bayesian uncertainty post-processing: The case of Land Surface Temperature from HIRS. <i>Remote Sensing of Environment</i> , 2015, 170, 290-305.	11.0	28
112	Continental-scale impacts of intra-seasonal rainfall variability on simulated ecosystem responses in Africa. <i>Biogeosciences</i> , 2014, 11, 6939-6954.	3.3	31
113	Changes in drought risk over the contiguous United States (1901-2012): The influence of the Pacific and Atlantic Oceans. <i>Geophysical Research Letters</i> , 2014, 41, 5897-5903.	4.0	46
114	Development of a High-Resolution Gridded Daily Meteorological Dataset over Sub-Saharan Africa: Spatial Analysis of Trends in Climate Extremes. <i>Journal of Climate</i> , 2014, 27, 5815-5835.	3.2	73
115	Uncertainties, Correlations, and Optimal Blends of Drought Indices from the NLDAS Multiple Land Surface Model Ensemble. <i>Journal of Hydrometeorology</i> , 2014, 15, 1636-1650.	1.9	37
116	Application of USDM statistics in NLDAS-2: Optimal blended NLDAS drought index over the continental United States. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 2947-2965.	3.3	69
117	A multiscale analysis of drought and pluvial mechanisms for the Southeastern United States. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 7348-7367.	3.3	34
118	Did a skillful prediction of sea surface temperatures help or hinder forecasting of the 2012 Midwestern US drought?. <i>Environmental Research Letters</i> , 2014, 9, 034005.	5.2	30
119	Changing water availability during the African maize-growing season, 1979-2010. <i>Environmental Research Letters</i> , 2014, 9, 075005.	5.2	15
120	The North American Multimodel Ensemble: Phase-1 Seasonal-to-Interannual Prediction; Phase-2 toward Developing Intraseasonal Prediction. <i>Bulletin of the American Meteorological Society</i> , 2014, 95, 585-601.	3.3	756
121	A Prototype Global Drought Information System Based on Multiple Land Surface Models. <i>Journal of Hydrometeorology</i> , 2014, 15, 1661-1676.	1.9	56
122	A Drought Monitoring and Forecasting System for Sub-Sahara African Water Resources and Food Security. <i>Bulletin of the American Meteorological Society</i> , 2014, 95, 861-882.	3.3	371
123	Impact of land-atmospheric coupling in CFSv2 on drought prediction. <i>Climate Dynamics</i> , 2014, 43, 421-434.	3.8	38
124	An Approach to Constructing a Homogeneous Time Series of Soil Moisture Using SMOS. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2014, 52, 393-405.	6.3	19
125	Improving soil moisture retrievals from a physically-based radiative transfer model. <i>Remote Sensing of Environment</i> , 2014, 140, 130-140.	11.0	136
126	Deriving Vegetation Phenological Time and Trajectory Information Over Africa Using SEVIRI Daily LAI. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2014, 52, 1113-1130.	6.3	39

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127	Hydrologic post-processing of MOPEX streamflow simulations. Journal of Hydrology, 2014, 508, 147-156.	5.4	47
128	Evaluation of multi-model simulated soil moisture in NLDAS-2. Journal of Hydrology, 2014, 512, 107-125.	5.4	163
129	Terrestrial hydrological controls on land surface phenology of African savannas and woodlands. Journal of Geophysical Research G: Biogeosciences, 2014, 119, 1652-1669.	3.0	117
130	Integrating weather and climate prediction: Toward seamless hydrologic forecasting. Geophysical Research Letters, 2014, 41, 5891-5896.	4.0	37
131	Evaluation of summer temperature and precipitation predictions from NCEP CFSv2 retrospective forecast over China. Climate Dynamics, 2013, 41, 2213-2230.	3.8	32
132	Vegetation control on water and energy balance within the Budyko framework. Water Resources Research, 2013, 49, 969-976.	4.2	312
133	Validation of Noah-Simulated Soil Temperature in the North American Land Data Assimilation System Phase 2. Journal of Applied Meteorology and Climatology, 2013, 52, 455-471.	1.5	49
134	Temporal Variability of Land-Atmosphere Coupling and Its Implications for Drought over the Southeast United States. Journal of Hydrometeorology, 2013, 14, 622-635.	1.9	60
135	The Influence of Atlantic Tropical Cyclones on Drought over the Eastern United States (1980-2007). Journal of Climate, 2013, 26, 3067-3086.	3.2	58
136	Multimodel seasonal forecasting of global drought onset. Geophysical Research Letters, 2013, 40, 4900-4905.	4.0	130
137	A probabilistic framework for assessing drought recovery. Geophysical Research Letters, 2013, 40, 3637-3642.	4.0	71
138	CFSv2-Based Seasonal Hydroclimatic Forecasts over the Conterminous United States. Journal of Climate, 2013, 26, 4828-4847.	3.2	113
139	Overview of the North American Land Data Assimilation System (NLDAS). , 2013, , 337-377.		9
140	Probabilistic Seasonal Forecasting of African Drought by Dynamical Models. Journal of Hydrometeorology, 2013, 14, 1706-1720.	1.9	71
141	Global-Scale Estimation of Land Surface Heat Fluxes from Space. , 2013, , 249-282.		5
142	Global analysis of seasonal streamflow predictability using an ensemble prediction system and observations from 6192 small catchments worldwide. Water Resources Research, 2013, 49, 2729-2746.	4.2	105
143	Validation of AIRS/AMSU water vapor and temperature data with in situ aircraft observations from the surface to UT/LS from 87°N-67°S. Journal of Geophysical Research D: Atmospheres, 2013, 118, 6816-6836.	3.3	25
144	On the sources of global land surface hydrologic predictability. Hydrology and Earth System Sciences, 2013, 17, 2781-2796.	4.9	93

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145	Inverse streamflow routing. Hydrology and Earth System Sciences, 2013, 17, 4577-4588.	4.9	29
146	Benchmark products for land evapotranspiration: LandFlux-EVAL multi-data set synthesis. Hydrology and Earth System Sciences, 2013, 17, 3707-3720.	4.9	310
147	Improving Understanding of the Global Hydrologic Cycle. , 2013, , 151-184.		14
148	Seasonal coupling of canopy structure and function in African tropical forests and its environmental controls. Ecosphere, 2013, 4, 1-21.	2.2	36
149	Dynamic-Model-Based Seasonal Prediction of Meteorological Drought over the Contiguous United States. Journal of Hydrometeorology, 2012, 13, 463-482.	1.9	91
150	A Global Intercomparison of Modeled and Observed Land–Atmosphere Coupling*. Journal of Hydrometeorology, 2012, 13, 749-784.	1.9	85
151	Representation of Terrestrial Hydrology and Large-Scale Drought of the Continental United States from the North American Regional Reanalysis. Journal of Hydrometeorology, 2012, 13, 856-876.	1.9	42
152	Little change in global drought over the past 60 years. Nature, 2012, 491, 435-438.	27.8	1,532
153	WRF ensemble downscaling seasonal forecasts of China winter precipitation during 1982–2008. Climate Dynamics, 2012, 39, 2041-2058.	3.8	60
154	An Initial Assessment of SMOS Derived Soil Moisture over the Continental United States. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2012, 5, 1448-1457.	4.9	28
155	Multisource Estimation of Long-Term Terrestrial Water Budget for Major Global River Basins. Journal of Climate, 2012, 25, 3191-3206.	3.2	188
156	Evaluation of SMOS Soil Moisture Products Over Continental U.S. Using the SCAN/SNOTEL Network. IEEE Transactions on Geoscience and Remote Sensing, 2012, 50, 1572-1586.	6.3	218
157	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. Journal of Geophysical Research, 2012, 117, .	3.3	530
158	Reply to comment by Keith J. Beven and Hannah L. Cloke on “Hyperresolution global land surface modeling: Meeting a grand challenge for monitoring Earth's terrestrial water”. Water Resources Research, 2012, 48, .	4.2	26
159	On the clustering of climate models in ensemble seasonal forecasting. Geophysical Research Letters, 2012, 39, .	4.0	28
160	The detection of atmospheric rivers in atmospheric reanalyses and their links to British winter floods and the large-scale climatic circulation. Journal of Geophysical Research, 2012, 117, .	3.3	245
161	Downscaling precipitation or bias-correcting streamflow? Some implications for coupled general circulation model (CGCM)-based ensemble seasonal hydrologic forecast. Water Resources Research, 2012, 48, .	4.2	64
162	Multimodel Analysis of Energy and Water Fluxes: Intercomparisons between Operational Analyses, a Land Surface Model, and Remote Sensing. Journal of Hydrometeorology, 2012, 13, 3-26.	1.9	24

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