

Eric F Wood

List of Publications by Year in descending order

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Version: 2024-02-01

377
papers

55,243
citations

1377

111
h-index

1719

219
g-index

421
all docs

421
docs citations

421
times ranked

34959
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.	11.5	47
2	Deforestation-induced warming over tropical mountain regions regulated by elevation. <i>Nature Geoscience</i> , 2021, 14, 23-29.	5.4	73
3	A new vector-based global river network dataset accounting for variable drainage density. <i>Scientific Data</i> , 2021, 8, 28.	2.4	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.	2.3	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.	1.9	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.	1.9	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.	0.7	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.	1.3	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.	1.5	4
10	Global Reach-Level 3-Hourly River Flood Reanalysis (1980-2019). <i>Bulletin of the American Meteorological Society</i> , 2021, 102, E2086-E2105.	1.7	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.	4.9	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.	2.4	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.	1.2	94
15	The Reliability of Global Remote Sensing Evapotranspiration Products over Amazon. <i>Remote Sensing</i> , 2020, 12, 2211.	1.8	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.	1.2	44
17	Flood Risks in Sinking Delta Cities: Time for a Reevaluation?. <i>Earth's Future</i> , 2020, 8, e2020EF001614.	2.4	38
18	PPDIST, global 0.1° daily and 3-hourly precipitation probability distribution climatologies for 1979-2018. <i>Scientific Data</i> , 2020, 7, 302.	2.4	12

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19	A global near-real-time soil moisture index monitor for food security using integrated SMOS and SMAP. <i>Remote Sensing of Environment</i> , 2020, 246, 111864.	4.6	35
20	Combining hyper-resolution land surface modeling with SMAP brightness temperatures to obtain 30-m soil moisture estimates. <i>Remote Sensing of Environment</i> , 2020, 242, 111740.	4.6	59
21	Spatiotemporal assimilation—interpolation of discharge records through inverse streamflow routing. <i>Hydrology and Earth System Sciences</i> , 2020, 24, 293-305.	1.9	13
22	Effect of Structural Uncertainty in Passive Microwave Soil Moisture Retrieval Algorithm. <i>Sensors</i> , 2020, 20, 1225.	2.1	5
23	A Global Drought and Flood Catalogue from 1950 to 2016. <i>Bulletin of the American Meteorological Society</i> , 2020, 101, E508-E535.	1.7	98
24	Global Estimates of Reach—Level Bankfull River Width Leveraging Big Data Geospatial Analysis. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL086405.	1.5	37
25	ECOSTRESS: NASA's Next Generation Mission to Measure Evapotranspiration From the International Space Station. <i>Water Resources Research</i> , 2020, 56, e2019WR026058.	1.7	220
26	Global-Scale Evaluation of 22 Precipitation Datasets Using Gauge Observations and Hydrological Modeling. <i>Advances in Global Change Research</i> , 2020, , 625-653.	1.6	24
27	Projected Seasonal Changes in Large-Scale Global Precipitation and Temperature Extremes Based on the CMIP5 Ensemble. <i>Journal of Climate</i> , 2020, 33, 5651-5671.	1.2	39
28	Global Evaluation of Seasonal Precipitation and Temperature Forecasts from NMME. <i>Journal of Hydrometeorology</i> , 2020, 21, 2473-2486.	0.7	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. <i>Bulletin of the American Meteorological Society</i> , 2019, 100, 2451-2472.	1.7	52
31	Global Reconstruction of Naturalized River Flows at 2.94 Million Reaches. <i>Water Resources Research</i> , 2019, 55, 6499-6516.	1.7	175
32	Long-term, non-anthropogenic groundwater storage changes simulated by three global-scale hydrological models. <i>Scientific Reports</i> , 2019, 9, 10746.	1.6	40
33	Simultaneous retrieval of global scale Vegetation Optical Depth, surface roughness, and soil moisture using X-band AMSR-E observations. <i>Remote Sensing of Environment</i> , 2019, 234, 111473.	4.6	30
34	Solar and wind energy enhances drought resilience and groundwater sustainability. <i>Nature Communications</i> , 2019, 10, 4893.	5.8	39
35	Enhancing SWOT discharge assimilation through spatiotemporal correlations. <i>Remote Sensing of Environment</i> , 2019, 234, 111450.	4.6	14
36	In Quest of Calibration Density and Consistency in Hydrologic Modeling: Distributed Parameter Calibration against Streamflow Characteristics. <i>Water Resources Research</i> , 2019, 55, 7784-7803.	1.7	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.	0.7	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.	1.9	325
39	Determinants of the ratio of actual to potential evapotranspiration. <i>Global Change Biology</i> , 2019, 25, 1326-1343.	4.2	39
40	Twenty-three unsolved problems in hydrology (UPH) – a community perspective. <i>Hydrological Sciences Journal</i> , 2019, 64, 1141-1158.	1.2	474
41	Reduced Moisture Transport Linked to Drought Propagation Across North America. <i>Geophysical Research Letters</i> , 2019, 46, 5243-5253.	1.5	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.	1.7	77
43	A reversal in global terrestrial stilling and its implications for wind energy production. <i>Nature Climate Change</i> , 2019, 9, 979-985.	8.1	246
44	MSWEP V2 Global 3-Hourly 0.1-Å° Precipitation: Methodology and Quantitative Assessment. <i>Bulletin of the American Meteorological Society</i> , 2019, 100, 473-500.	1.7	592
45	Development and Evaluation of a Pan-European Multimodel Seasonal Hydrological Forecasting System. <i>Journal of Hydrometeorology</i> , 2019, 20, 99-115.	0.7	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.	2.2	104
48	Anthropogenic warming exacerbates European soil moisture droughts. <i>Nature Climate Change</i> , 2018, 8, 421-426.	8.1	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.	1.7	94
50	Development and Validation of a Long-Term, Global, Terrestrial Sensible Heat Flux Dataset. <i>Journal of Climate</i> , 2018, 31, 6073-6095.	1.2	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.	0.7	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.	4.2	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.	2.2	26
54	Developing a drought-monitoring index for the contiguous US using SMAP. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 6611-6626.	1.9	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.	2.4	3,005
56	Global terrestrial stilling: does Earth's greening play a role?. <i>Environmental Research Letters</i> , 2018, 13, 124013.	2.2	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.	1.7	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.	1.9	91
59	Highland cropland expansion and forest loss in Southeast Asia in the twenty-first century. <i>Nature Geoscience</i> , 2018, 11, 556-562.	5.4	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.	4.2	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.	1.9	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.	1.2	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.	0.7	3
65	Climate mitigation from vegetation biophysical feedbacks during the past three decades. <i>Nature Climate Change</i> , 2017, 7, 432-436.	8.1	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.	1.7	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.	1.7	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.	0.7	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.	1.7	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.	1.7	122
71	The future of Earth observation in hydrology. <i>Hydrology and Earth System Sciences</i> , 2017, 21, 3879-3914.	1.9	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.	1.9	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.	1.9	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 " Part 2: Evaluation of global terrestrial evaporation data sets. <i>Hydrology and Earth System Sciences</i> , 2016, 20, 823-842.	1.9	253
76	Impacts of recent drought and warm years on water resources and electricity supply worldwide. <i>Environmental Research Letters</i> , 2016, 11, 124021.	2.2	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.	1.3	119
78	The WACMOS-ET project " Part 1: Tower-scale evaluation of four remote-sensing-based evapotranspiration algorithms. <i>Hydrology and Earth System Sciences</i> , 2016, 20, 803-822.	1.9	164
79	HydroBlocks: a field-scale resolving land surface model for application over continental extents. <i>Hydrological Processes</i> , 2016, 30, 3543-3559.	1.1	75
80	An initial assessment of SMAP soil moisture retrievals using high-resolution model simulations and in situ observations. <i>Geophysical Research Letters</i> , 2016, 43, 9662-9668.	1.5	97
81	Depiction of drought over sub-Saharan Africa using reanalyses precipitation data sets. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 10,555.	1.2	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.	1.2	38
83	POLARIS: A 30-meter probabilistic soil series map of the contiguous United States. <i>Geoderma</i> , 2016, 274, 54-67.	2.3	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.	1.8	33
85	On Creating Global Gridded Terrestrial Water Budget Estimates from Satellite Remote Sensing. <i>Surveys in Geophysics</i> , 2016, 37, 249-268.	2.1	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.	1.2	34
87	Assessing GFDL high-resolution climate model water and energy budgets from AMIP simulations over Africa. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 8444-8459.	1.2	5
88	Improved sub-seasonal meteorological forecast skill using weighted multi-model ensemble simulations. <i>Environmental Research Letters</i> , 2016, 11, 094007.	2.2	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.	1.2	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. <i>Wiley Interdisciplinary Reviews: Water</i> , 2015, 2, 523-536.	2.8	106
92	Inroads of remote sensing into hydrologic science during the WRR era. <i>Water Resources Research</i> , 2015, 51, 7309-7342.	1.7	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. <i>Water Resources Research</i> , 2015, 51, 619-638.	1.7	73
95	Hyper-resolution global hydrological modelling: what is next?. <i>Hydrological Processes</i> , 2015, 29, 310-320.	1.1	280
96	Flood and drought hydrologic monitoring: the role of model parameter uncertainty. <i>Hydrology and Earth System Sciences</i> , 2015, 19, 3239-3251.	1.9	46
97	Correction of real-time satellite precipitation with satellite soil moisture observations. <i>Hydrology and Earth System Sciences</i> , 2015, 19, 4275-4291.	1.9	36
98	Optimization of a Radiative Transfer Forward Operator for Simulating SMOS Brightness Temperatures over the Upper Mississippi Basin. <i>Journal of Hydrometeorology</i> , 2015, 16, 1109-1134.	0.7	29
99	Seasonal Forecasting of Global Hydrologic Extremes: System Development and Evaluation over GEWEX Basins. <i>Bulletin of the American Meteorological Society</i> , 2015, 96, 1895-1912.	1.7	85
100	Triple collocation: Beyond three estimates and separation of structural/non-structural errors. <i>Remote Sensing of Environment</i> , 2015, 171, 299-310.	4.6	37
101	Prospects for Advancing Drought Understanding, Monitoring, and Prediction. <i>Journal of Hydrometeorology</i> , 2015, 16, 1636-1657.	0.7	72
102	Evaluation of the Tropical Rainfall Measuring Mission Multi-Satellite Precipitation Analysis (TMPA) for assessment of large-scale meteorological drought. <i>Remote Sensing of Environment</i> , 2015, 159, 181-193.	4.6	126
103	The energy balance over land and oceans: an assessment based on direct observations and CMIP5 climate models. <i>Climate Dynamics</i> , 2015, 44, 3393-3429.	1.7	239
104	Photosynthetic seasonality of global tropical forests constrained by hydroclimate. <i>Nature Geoscience</i> , 2015, 8, 284-289.	5.4	337
105	The Attribution of Landâ€™Atmosphere Interactions on the Seasonal Predictability of Drought. <i>Journal of Hydrometeorology</i> , 2015, 16, 793-810.	0.7	20
106	Copula-Based Downscaling of Coarse-Scale Soil Moisture Observations With Implicit Bias Correction. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2015, 53, 3507-3521.	2.7	60
107	The Observed State of the Water Cycle in the Early Twenty-First Century. <i>Journal of Climate</i> , 2015, 28, 8289-8318.	1.2	230
108	A Framework for Diagnosing Seasonal Prediction through Canonical Event Analysis. <i>Monthly Weather Review</i> , 2015, 143, 2404-2418.	0.5	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.	2.3	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.	2.2	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.	4.6	28
112	Continental-scale impacts of intra-seasonal rainfall variability on simulated ecosystem responses in Africa. <i>Biogeosciences</i> , 2014, 11, 6939-6954.	1.3	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.	1.5	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.	1.2	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.	0.7	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.	1.2	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.	1.2	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.	2.2	30
119	Changing water availability during the African maize-growing season, 1979-2010. <i>Environmental Research Letters</i> , 2014, 9, 075005.	2.2	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.	1.7	756
121	A Prototype Global Drought Information System Based on Multiple Land Surface Models. <i>Journal of Hydrometeorology</i> , 2014, 15, 1661-1676.	0.7	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.	1.7	371
123	Impact of land-atmospheric coupling in CFSv2 on drought prediction. <i>Climate Dynamics</i> , 2014, 43, 421-434.	1.7	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.	2.7	19
125	Improving soil moisture retrievals from a physically-based radiative transfer model. <i>Remote Sensing of Environment</i> , 2014, 140, 130-140.	4.6	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.	2.7	39

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127	Hydrologic post-processing of MOPEX streamflow simulations. <i>Journal of Hydrology</i> , 2014, 508, 147-156.	2.3	47
128	Evaluation of multi-model simulated soil moisture in NLDAS-2. <i>Journal of Hydrology</i> , 2014, 512, 107-125.	2.3	163
129	Terrestrial hydrological controls on land surface phenology of African savannas and woodlands. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2014, 119, 1652-1669.	1.3	117
130	Integrating weather and climate prediction: Toward seamless hydrologic forecasting. <i>Geophysical Research Letters</i> , 2014, 41, 5891-5896.	1.5	37
131	Evaluation of summer temperature and precipitation predictions from NCEP CFSv2 retrospective forecast over China. <i>Climate Dynamics</i> , 2013, 41, 2213-2230.	1.7	32
132	Vegetation control on water and energy balance within the Budyko framework. <i>Water Resources Research</i> , 2013, 49, 969-976.	1.7	312
133	Validation of Noah-Simulated Soil Temperature in the North American Land Data Assimilation System Phase 2. <i>Journal of Applied Meteorology and Climatology</i> , 2013, 52, 455-471.	0.6	49
134	Temporal Variability of Land-Atmosphere Coupling and Its Implications for Drought over the Southeast United States. <i>Journal of Hydrometeorology</i> , 2013, 14, 622-635.	0.7	60
135	The Influence of Atlantic Tropical Cyclones on Drought over the Eastern United States (1980-2007). <i>Journal of Climate</i> , 2013, 26, 3067-3086.	1.2	58
136	Multimodel seasonal forecasting of global drought onset. <i>Geophysical Research Letters</i> , 2013, 40, 4900-4905.	1.5	130
137	A probabilistic framework for assessing drought recovery. <i>Geophysical Research Letters</i> , 2013, 40, 3637-3642.	1.5	71
138	CFSv2-Based Seasonal Hydroclimatic Forecasts over the Conterminous United States. <i>Journal of Climate</i> , 2013, 26, 4828-4847.	1.2	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. <i>Journal of Hydrometeorology</i> , 2013, 14, 1706-1720.	0.7	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. <i>Water Resources Research</i> , 2013, 49, 2729-2746.	1.7	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. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 6816-6836.	1.2	25
144	On the sources of global land surface hydrologic predictability. <i>Hydrology and Earth System Sciences</i> , 2013, 17, 2781-2796.	1.9	93

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145	Inverse streamflow routing. <i>Hydrology and Earth System Sciences</i> , 2013, 17, 4577-4588.	1.9	29
146	Benchmark products for land evapotranspiration: LandFlux-EVAL multi-data set synthesis. <i>Hydrology and Earth System Sciences</i> , 2013, 17, 3707-3720.	1.9	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. <i>Ecosphere</i> , 2013, 4, 1-21.	1.0	36
149	Dynamic-Model-Based Seasonal Prediction of Meteorological Drought over the Contiguous United States. <i>Journal of Hydrometeorology</i> , 2012, 13, 463-482.	0.7	91
150	A Global Intercomparison of Modeled and Observed Land-Atmosphere Coupling*. <i>Journal of Hydrometeorology</i> , 2012, 13, 749-784.	0.7	85
151	Representation of Terrestrial Hydrology and Large-Scale Drought of the Continental United States from the North American Regional Reanalysis. <i>Journal of Hydrometeorology</i> , 2012, 13, 856-876.	0.7	42
152	Little change in global drought over the past 60 years. <i>Nature</i> , 2012, 491, 435-438.	13.7	1,532
153	WRF ensemble downscaling seasonal forecasts of China winter precipitation during 1982-2008. <i>Climate Dynamics</i> , 2012, 39, 2041-2058.	1.7	60
154	An Initial Assessment of SMOS Derived Soil Moisture over the Continental United States. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2012, 5, 1448-1457.	2.3	28
155	Multisource Estimation of Long-Term Terrestrial Water Budget for Major Global River Basins. <i>Journal of Climate</i> , 2012, 25, 3191-3206.	1.2	188
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