

Eric F Wood

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

396
papers

42,526
citations

105
h-index

197
g-index

421
ext. papers

48,425
ext. citations

5.7
avg, IF

7.58
L-index

#	Paper	IF	Citations
396	SMAP-HydroBlocks, a 30-m satellite-based soil moisture dataset for the conterminous US. <i>Scientific Data</i> , 2021 , 8, 264	8.2	6
395	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	5.5	6
394	Reducing Solar Radiation Forcing Uncertainty and Its Impact on Surface Energy and Water Fluxes. <i>Journal of Hydrometeorology</i> , 2021 , 22, 813-829	3.7	2
393	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	3.7	0
392	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	1
391	Global Reach-level 3-hourly River Flood Reanalysis (1980-2019). <i>Bulletin of the American Meteorological Society</i> , 2021 , 1-49	6.1	4
390	Deforestation-induced warming over tropical mountain regions regulated by elevation. <i>Nature Geoscience</i> , 2021 , 14, 23-29	18.3	20
389	A new vector-based global river network dataset accounting for variable drainage density. <i>Scientific Data</i> , 2021 , 8, 28	8.2	12
388	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	4.7	5
387	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	5.5	61
386	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	11.8	12
385	Strengthening Flood and Drought Risk Management Tools for the Lake Chad Basin 2021 , 387-405		1
384	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	13.2	18
383	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	13.2	26
382	Spatiotemporal interpolation of discharge records through inverse streamflow routing. <i>Hydrology and Earth System Sciences</i> , 2020 , 24, 293-305	5.5	8
381	Effect of Structural Uncertainty in Passive Microwave Soil Moisture Retrieval Algorithm. <i>Sensors</i> , 2020 , 20,	3.8	1
380	A Global Drought and Flood Catalogue from 1950 to 2016. <i>Bulletin of the American Meteorological Society</i> , 2020 , 101, E508-E535	6.1	39

379	Global Estimates of Reach-Level Bankfull River Width Leveraging Big Data Geospatial Analysis. <i>Geophysical Research Letters</i> , 2020 , 47, e2019GL086405	4.9	20
378	ECOSTRESS: NASA's Next Generation Mission to Measure Evapotranspiration From the International Space Station. <i>Water Resources Research</i> , 2020 , 56, e2019WR026058	5.4	98
377	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	4.4	15
376	Global Evaluation of Seasonal Precipitation and Temperature Forecasts from NMME. <i>Journal of Hydrometeorology</i> , 2020 , 21, 2473-2486	3.7	5
375	Global-Scale Evaluation of 22 Precipitation Datasets Using Gauge Observations and Hydrological Modeling. <i>Advances in Global Change Research</i> , 2020 , 625-653	1.2	13
374	Bias Correction of Global High-Resolution Precipitation Climatologies Using Streamflow Observations from 9372 Catchments. <i>Journal of Climate</i> , 2020 , 33, 1299-1315	4.4	49
373	The Reliability of Global Remote Sensing Evapotranspiration Products over Amazon. <i>Remote Sensing</i> , 2020 , 12, 2211	5	10
372	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	4.4	20
371	Flood Risks in Sinking Delta Cities: Time for a Reevaluation?. <i>Earth's Future</i> , 2020 , 8, e2020EF001614	7.9	14
370	PPDIST, global 0.1° daily and 3-hourly precipitation probability distribution climatologies for 1979-2018. <i>Scientific Data</i> , 2020 , 7, 302	8.2	5
369	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	5.4	22
368	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	3.7	16
367	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	5.5	169
366	Determinants of the ratio of actual to potential evapotranspiration. <i>Global Change Biology</i> , 2019 , 25, 1326	11.4	21
365	Twenty-three unsolved problems in hydrology (UPH) in a community perspective. <i>Hydrological Sciences Journal</i> , 2019 , 64, 1141-1158	3.5	259
364	Reduced Moisture Transport Linked to Drought Propagation Across North America. <i>Geophysical Research Letters</i> , 2019 , 46, 5243-5253	4.9	37
363	POLARIS Soil Properties: 30-m Probabilistic Maps of Soil Properties Over the Contiguous United States. <i>Water Resources Research</i> , 2019 , 55, 2916-2938	5.4	41
362	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	6.1	22

361	Global Reconstruction of Naturalized River Flows at 2.94 Million Reaches. <i>Water Resources Research</i> , 2019 , 55, 6499-6516	5.4	79
360	Long-term, non-anthropogenic groundwater storage changes simulated by three global-scale hydrological models. <i>Scientific Reports</i> , 2019 , 9, 10746	4.9	20
359	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	13.2	15
358	Solar and wind energy enhances drought resilience and groundwater sustainability. <i>Nature Communications</i> , 2019 , 10, 4893	17.4	24
357	Enhancing SWOT discharge assimilation through spatiotemporal correlations. <i>Remote Sensing of Environment</i> , 2019 , 234, 111450	13.2	9
356	Seasonal Drought Forecasting on the Example of the USA 2019 , 1279-1287		
355	A reversal in global terrestrial stilling and its implications for wind energy production. <i>Nature Climate Change</i> , 2019 , 9, 979-985	21.4	115
354	MSWEP V2 Global 3-Hourly 0.1° Precipitation: Methodology and Quantitative Assessment. <i>Bulletin of the American Meteorological Society</i> , 2019 , 100, 473-500	6.1	257
353	Development and Evaluation of a Pan-European Multimodel Seasonal Hydrological Forecasting System. <i>Journal of Hydrometeorology</i> , 2019 , 20, 99-115	3.7	30
352	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	6.2	77
351	Anthropogenic warming exacerbates European soil moisture droughts. <i>Nature Climate Change</i> , 2018 , 8, 421-426	21.4	258
350	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	6.1	56
349	Development and Validation of a Long-Term, Global, Terrestrial Sensible Heat Flux Dataset. <i>Journal of Climate</i> , 2018 , 31, 6073-6095	4.4	6
348	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	3.7	34
347	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	11.4	29
346	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	5.5	96
345	Assessing Seasonal Climate Forecasts Over Africa to Support Decision-Making. <i>World Scientific Series on Asia-Pacific Weather and Climate</i> , 2018 , 1-15		1
344	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	4.4	2

343	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	3.7	3
342	Simulated sensitivity of African terrestrial ecosystem photosynthesis to rainfall frequency, intensity, and rainy season length. <i>Environmental Research Letters</i> , 2018 , 13, 025013	6.2	16
341	Developing a drought-monitoring index for the contiguous US using SMAP. <i>Hydrology and Earth System Sciences</i> , 2018 , 22, 6611-6626	5.5	21
340	Present and future Köppen-Geiger climate classification maps at 1-km resolution. <i>Scientific Data</i> , 2018 , 5, 180214	8.2	1241
339	Global terrestrial stilling: does Earth's greening play a role?. <i>Environmental Research Letters</i> , 2018 , 13, 124013	6.2	14
338	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	5.4	120
337	A Climate Data Record (CDR) for the global terrestrial water budget: 1984-2010. <i>Hydrology and Earth System Sciences</i> , 2018 , 22, 241-263	5.5	51
336	Highland cropland expansion and forest loss in Southeast Asia in the twenty-first century. <i>Nature Geoscience</i> , 2018 , 11, 556-562	18.3	80
335	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	11.4	24
334	Climate mitigation from vegetation biophysical feedbacks during the past three decades. <i>Nature Climate Change</i> , 2017 , 7, 432-436	21.4	181
333	Validation of SMAP soil moisture for the SMAPVEX15 field campaign using a hyper-resolution model. <i>Water Resources Research</i> , 2017 , 53, 3013-3028	5.4	29
332	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	5.4	344
331	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	3.7	20
330	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	5.5	37
329	Global-scale evaluation of 22 precipitation datasets using gauge observations and hydrological modeling. <i>Hydrology and Earth System Sciences</i> , 2017 , 21, 6201-6217	5.5	337
328	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	4.7	44
327	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	4.7	80
326	The Future of Earth Observation in Hydrology. <i>Hydrology and Earth System Sciences</i> , 2017 , 21, 3879-3914	5.5	235

325	Research to Advance Drought Monitoring and Prediction Capabilities. <i>Drought and Water Crises</i> , 2017 , 127-140		2
324	On Creating Global Gridded Terrestrial Water Budget Estimates from Satellite Remote Sensing. <i>Surveys in Geophysics</i> , 2016 , 37, 249-268	7.6	17
323	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	4.4	25
322	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	4.4	4
321	Improved sub-seasonal meteorological forecast skill using weighted multi-model ensemble simulations. <i>Environmental Research Letters</i> , 2016 , 11, 094007	6.2	33
320	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	4.4	82
319	On Creating Global Gridded Terrestrial Water Budget Estimates from Satellite Remote Sensing. <i>Space Sciences Series of ISSI</i> , 2016 , 59-78	0.1	7
318	The WACMOS-ET project [Part 2: Evaluation of global terrestrial evaporation data sets. <i>Hydrology and Earth System Sciences</i> , 2016 , 20, 823-842	5.5	170
317	Impacts of recent drought and warm years on water resources and electricity supply worldwide. <i>Environmental Research Letters</i> , 2016 , 11, 124021	6.2	47
316	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	6.3	103
315	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	5.5	119
314	HydroBlocks: a field-scale resolving land surface model for application over continental extents. <i>Hydrological Processes</i> , 2016 , 30, 3543-3559	3.3	49
313	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	4.9	79
312	Depiction of drought over sub-Saharan Africa using reanalyses precipitation data sets. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016 , 121, 10,555	4.4	35
311	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	4.4	29
310	POLARIS: A 30-meter probabilistic soil series map of the contiguous United States. <i>Geoderma</i> , 2016 , 274, 54-67	6.7	136
309	Reconciling agriculture, carbon and biodiversity in a savannah transformation frontier. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016 , 371,	5.8	28
308	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 ^{13.2}		94

307	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	4.2	185
306	Photosynthetic seasonality of global tropical forests constrained by hydroclimate. <i>Nature Geoscience</i> , 2015 , 8, 284-289	18.3	251
305	The Attribution of Land-Atmosphere Interactions on the Seasonal Predictability of Drought. <i>Journal of Hydrometeorology</i> , 2015 , 16, 793-810	3.7	15
304	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2015 , 53, 3507-3521	8.1	53
303	The Observed State of the Water Cycle in the Early Twenty-First Century. <i>Journal of Climate</i> , 2015 , 28, 8289-8318	4.4	162
302	A Framework for Diagnosing Seasonal Prediction through Canonical Event Analysis. <i>Monthly Weather Review</i> , 2015 , 143, 2404-2418	2.4	19
301	Impact of model structure and parameterization on Penman-Monteith type evaporation models. <i>Journal of Hydrology</i> , 2015 , 525, 521-535	6	67
300	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	6.2	15
299	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	13.2	23
298	A review on climate-model-based seasonal hydrologic forecasting: physical understanding and system development. <i>Wiley Interdisciplinary Reviews: Water</i> , 2015 , 2, 523-536	5.7	86
297	Inroads of remote sensing into hydrologic science during the WRR era. <i>Water Resources Research</i> , 2015 , 51, 7309-7342	5.4	162
296	Seasonal Drought Forecasting on the Example of the USA 2015 , 1-9		1
295	High-resolution modeling of the spatial heterogeneity of soil moisture: Applications in network design. <i>Water Resources Research</i> , 2015 , 51, 619-638	5.4	58
294	Hyper-resolution global hydrological modelling: what is next?. <i>Hydrological Processes</i> , 2015 , 29, 310-320	3.3	215
293	Flood and drought hydrologic monitoring: the role of model parameter uncertainty. <i>Hydrology and Earth System Sciences</i> , 2015 , 19, 3239-3251	5.5	33
292	Correction of real-time satellite precipitation with satellite soil moisture observations. <i>Hydrology and Earth System Sciences</i> , 2015 , 19, 4275-4291	5.5	31
291	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	3.7	26
290	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	6.1	74

289	Triple collocation: Beyond three estimates and separation of structural/non-structural errors. <i>Remote Sensing of Environment</i> , 2015 , 171, 299-310	13.2	24
288	Prospects for Advancing Drought Understanding, Monitoring, and Prediction. <i>Journal of Hydrometeorology</i> , 2015 , 16, 1636-1657	3.7	57
287	Impact of land-atmospheric coupling in CFSv2 on drought prediction. <i>Climate Dynamics</i> , 2014 , 43, 421-434	4.2	32
286	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	8.1	17
285	Improving soil moisture retrievals from a physically-based radiative transfer model. <i>Remote Sensing of Environment</i> , 2014 , 140, 130-140	13.2	91
284	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	8.1	35
283	Hydrologic post-processing of MOPEX streamflow simulations. <i>Journal of Hydrology</i> , 2014 , 508, 147-1566		34
282	Evaluation of multi-model simulated soil moisture in NLDAS-2. <i>Journal of Hydrology</i> , 2014 , 512, 107-125	6	128
281	Terrestrial hydrological controls on land surface phenology of African savannas and woodlands. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2014 , 119, 1652-1669	3.7	101
280	Integrating weather and climate prediction: Toward seamless hydrologic forecasting. <i>Geophysical Research Letters</i> , 2014 , 41, 5891-5896	4.9	29
279	Continental-scale impacts of intra-seasonal rainfall variability on simulated ecosystem responses in Africa. <i>Biogeosciences</i> , 2014 , 11, 6939-6954	4.6	24
278	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	4.9	40
277	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	4.4	57
276	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	3.7	30
275	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	4.4	57
274	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	4.4	23
273	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	6.2	26
272	Changing water availability during the African maize-growing season, 1979-2010. <i>Environmental Research Letters</i> , 2014 , 9, 075005	6.2	15

271	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	6.1	578
270	A Prototype Global Drought Information System Based on Multiple Land Surface Models. <i>Journal of Hydrometeorology</i> , 2014 , 15, 1661-1676	3.7	49
269	A Drought Monitoring and Forecasting System for Sub-Saharan African Water Resources and Food Security. <i>Bulletin of the American Meteorological Society</i> , 2014 , 95, 861-882	6.1	301
268	Evaluation of summer temperature and precipitation predictions from NCEP CFSv2 retrospective forecast over China. <i>Climate Dynamics</i> , 2013 , 41, 2213-2230	4.2	29
267	Vegetation control on water and energy balance within the Budyko framework. <i>Water Resources Research</i> , 2013 , 49, 969-976	5.4	216
266	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	2.7	43
265	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	3.7	47
264	The Influence of Atlantic Tropical Cyclones on Drought over the Eastern United States (1980-2007). <i>Journal of Climate</i> , 2013 , 26, 3067-3086	4.4	44
263	Multimodel seasonal forecasting of global drought onset. <i>Geophysical Research Letters</i> , 2013 , 40, 4900-4905	4.9	105
262	A probabilistic framework for assessing drought recovery. <i>Geophysical Research Letters</i> , 2013 , 40, 3637-3642	4.6	51
261	CFSv2-Based Seasonal Hydroclimatic Forecasts over the Conterminous United States. <i>Journal of Climate</i> , 2013 , 26, 4828-4847	4.4	105
260	Overview of the North American Land Data Assimilation System (NLDAS) 2013 , 337-377		7
259	Probabilistic Seasonal Forecasting of African Drought by Dynamical Models. <i>Journal of Hydrometeorology</i> , 2013 , 14, 1706-1720	3.7	63
258	Global-Scale Estimation of Land Surface Heat Fluxes from Space 2013 , 249-282		5
257	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	5.4	87
256	Validation of AIRS/AMSU-A water vapor and temperature data with in situ aircraft observations from the surface to UT/LS from 87°N-87°S. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013 , 118, 6816-6836	4.4	19
255	On the sources of global land surface hydrologic predictability. <i>Hydrology and Earth System Sciences</i> , 2013 , 17, 2781-2796	5.5	78
254	Inverse streamflow routing. <i>Hydrology and Earth System Sciences</i> , 2013 , 17, 4577-4588	5.5	22

253	Benchmark products for land evapotranspiration: LandFlux-EVAL multi-data set synthesis. <i>Hydrology and Earth System Sciences</i> , 2013 , 17, 3707-3720	5.5	253
252	Seasonal coupling of canopy structure and function in African tropical forests and its environmental controls. <i>Ecosphere</i> , 2013 , 4, art35	3.1	32
251	Improving Understanding of the Global Hydrologic Cycle 2013 , 151-184		13
250	Little change in global drought over the past 60 years. <i>Nature</i> , 2012 , 491, 435-8	50.4	1217
249	WRF ensemble downscaling seasonal forecasts of China winter precipitation during 1982-2008. <i>Climate Dynamics</i> , 2012 , 39, 2041-2058	4.2	52
248	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	4.7	24
247	Multisource Estimation of Long-Term Terrestrial Water Budget for Major Global River Basins. <i>Journal of Climate</i> , 2012 , 25, 3191-3206	4.4	155
246	Evaluation of SMOS Soil Moisture Products Over Continental U.S. Using the SCAN/SNOTEL Network. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2012 , 50, 1572-1586	8.1	197
245	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> , 2012 , 117, n/a-n/a		373
244	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. <i>Water Resources Research</i> , 2012 , 48,	5.4	26
243	On the clustering of climate models in ensemble seasonal forecasting. <i>Geophysical Research Letters</i> , 2012 , 39,	4.9	25
242	The detection of atmospheric rivers in atmospheric reanalyses and their links to British winter floods and the large-scale climatic circulation. <i>Journal of Geophysical Research</i> , 2012 , 117,		200
241	Downscaling precipitation or bias-correcting streamflow? Some implications for coupled general circulation model (CGCM)-based ensemble seasonal hydrologic forecast. <i>Water Resources Research</i> , 2012 , 48,	5.4	54
240	Multimodel Analysis of Energy and Water Fluxes: Intercomparisons between Operational Analyses, a Land Surface Model, and Remote Sensing. <i>Journal of Hydrometeorology</i> , 2012 , 13, 3-26	3.7	24
239	The role of winter precipitation and temperature on northern Eurasian streamflow trends. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		15
238	Dynamic-Model-Based Seasonal Prediction of Meteorological Drought over the Contiguous United States. <i>Journal of Hydrometeorology</i> , 2012 , 13, 463-482	3.7	80
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