Joshua B Fisher

List of Publications by Year
in descending order

193	20,374	13827 67	11288 136
papers	citations	h-index	g-index

216	216	216	18498
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Decadal trends in the seasonal-cycle amplitude of terrestrial CO₂ exchange resulting from the ensemble of terrestrial biosphere models. Tellus, Series B: Chemical and Physical Meteorology, 2022, 68, 28968.	0.8	31
2	OpenET: Filling a Critical Data Gap in Water Management for the Western United States. Journal of the American Water Resources Association, 2022, 58, 971-994.	1.0	65
3	Atmospheric humidity deficits tell us how soil moisture deficits down-regulate ecosystem evaporation. Advances in Water Resources, 2022, 159, 104100.	1.7	8
4	The Terrestrial Biosphere Model Farm. Journal of Advances in Modeling Earth Systems, 2022, 14, .	1.3	5
5	Canopy Temperature Is Regulated by Ecosystem Structural Traits and Captures the Ecohydrologic Dynamics of a Semiarid Mixed Conifer Forest Site. Journal of Geophysical Research G: Biogeosciences, 2022, 127, .	1.3	10
6	The Spectral Mixture Residual: A Source of Lowâ€Variance Information to Enhance the Explainability and Accuracy of Surface Biology and Geology Retrievals. Journal of Geophysical Research G: Biogeosciences, 2022, 127, .	1.3	17
7	Convergence in water use efficiency within plant functional types across contrasting climates. Nature Plants, 2022, 8, 341-345.	4.7	14
8	Amazonian terrestrial water balance inferred from satellite-observed water vapor isotopes. Nature Communications, 2022, 13, 2686.	5.8	5
9	<scp>ECOSTRESS</scp> reveals preâ€fire vegetation controls on burn severity for Southern California wildfires of 2020. Global Ecology and Biogeography, 2022, 31, 1976-1989.	2.7	10
10	Boreal forests. , 2022, , 203-236.		1
11	The Global LAnd Surface Satellite (GLASS) evapotranspiration product Version 5.0: Algorithm development and preliminary validation. Journal of Hydrology, 2022, 610, 127990.	2.3	12
12	Thermal remote sensing for plant ecology from leaf to globe. Journal of Ecology, 2022, 110, 1996-2014.	1.9	21
13	A novel TIR-derived three-source energy balance model for estimating daily latent heat flux in mainland China using an all-weather land surface temperature product. Agricultural and Forest Meteorology, 2022, 323, 109066.	1.9	9
14	Integrating field observations and process-based modeling to predict watershed water quality under environmental perturbations. Journal of Hydrology, 2021, 602, 125762.	2.3	22
15	Integrating the evidence for a terrestrial carbon sink caused by increasing atmospheric CO₂. New Phytologist, 2021, 229, 2413-2445.	3.5	286
16	Beyond ecosystem modeling: A roadmap to community cyberinfrastructure for ecological dataâ€model integration. Global Change Biology, 2021, 27, 13-26.	4.2	44
17	Interoperability of ECOSTRESS and Landsat for mapping evapotranspiration time series at sub-field scales. Remote Sensing of Environment, 2021, 252, 112189.	4.6	71
18	A Novel NIRâ€“Red Spectral Domain Evapotranspiration Model From the Chinese GF-1 Satellite: Application to the Huailai Agricultural Region of China. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 4105-4119.	2.7	10

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19	Once Upon a Time, in AmeriFlux. Journal of Geophysical Research G: Biogeosciences, 2021, 126, e2020JG006148.	1.3	5
20	Rootâ€derived inputs are major contributors to soil carbon in temperate forests, but vary by mycorrhizal type. Ecology Letters, 2021, 24, 626-635.	3.0	75
21	Satellite Observations of the Tropical Terrestrial Carbon Balance and Interactions With the Water Cycle During the 21st Century. Reviews of Geophysics, 2021, 59, e2020RG000711.	9.0	13
22	A trade-off between plant and soil carbon storage under elevated CO2. Nature, 2021, 591, 599-603.	13.7	268
23	Tree Canopies Reflect Mycorrhizal Composition. Geophysical Research Letters, 2021, 48, e2021GL092764.	1.5	21
24	Midwest US Croplands Determine Model Divergence in North American Carbon Fluxes. AGU Advances, 2021, 2, e2020AV000310.	2.3	7
25	NASA's surface biology and geology designated observable: A perspective on surface imaging algorithms. Remote Sensing of Environment, 2021, 257, 112349.	4.6	148
26	ECOSTRESS estimates gross primary production with fine spatial resolution for different times of day from the International Space Station. Remote Sensing of Environment, 2021, 258, 112360.	4.6	33
27	GRACEâ€FO and ECOSTRESS Synergies Constrain Fineâ€Scale Impacts on the Water Balance. Geophysical Research Letters, 2021, 48, e2021GL093984.	1.5	6
28	Emerging satellite observations for diurnal cycling of ecosystem processes. Nature Plants, 2021, 7, 877-887.	4.7	62
29	Linking Remotely Sensed Carbon and Water Use Efficiencies with In Situ Soil Properties. Remote Sensing, 2021, 13, 2593.	1.8	5
30	Multiscale Assessment of Agricultural Consumptive Water Use in California's Central Valley. Water Resources Research, 2021, 57, e2020WR028876.	1.7	4
31	Mycorrhizal Distributions Impact Global Patterns of Carbon and Nutrient Cycling. Geophysical Research Letters, 2021, 48, e2021GL094514.	1.5	14
32	Multiâ€Sensor Approach for High Space and Time Resolution Land Surface Temperature. Earth and Space Science, 2021, 8, e2021EA001842.	1.1	14
33	DNN-MET: A deep neural networks method to integrate satellite-derived evapotranspiration products, eddy covariance observations and ancillary information. Agricultural and Forest Meteorology, 2021, 308-309, 108582.	1.9	17
34	Long-term leaf C:N ratio change under elevated CO2 and nitrogen deposition in China: Evidence from observations and process-based modeling. Science of the Total Environment, 2021, 800, 149591.	3.9	7
35	Are Remote Sensing Evapotranspiration Models Reliable Across South American Ecoregions?. Water Resources Research, 2021, 57, e2020WR028752.	1.7	17
36	Tradeoffs and Synergies in Tropical Forest Root Traits and Dynamics for Nutrient and Water Acquisition: Field and Modeling Advances. Frontiers in Forests and Global Change, 2021, 4, .	1.0	13

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37	Global vegetation biomass production efficiency constrained by models and observations. Global Change Biology, 2020, 26, 1474-1484.	4.2	15
38	Evaluation of simulated soil carbon dynamics in Arctic-Boreal ecosystems. Environmental Research Letters, 2020, 15, 025005.	2.2	19
39	Global Estimates of Land Surface Water Fluxes from SMOS and SMAP Satellite Soil Moisture Data. Journal of Hydrometeorology, 2020, 21, 241-253.	0.7	27
40	Evaluating three evapotranspiration estimates from model of different complexity over China using the ILAMB benchmarking system. Journal of Hydrology, 2020, 590, 125553.	2.3	10
41	Modeling suggests fossil fuel emissions have been driving increased land carbon uptake since the turn of the 20th Century. Scientific Reports, 2020, 10, 9059.	1.6	11
42	ECOSTRESS and CIMIS: A Comparison of Potential and Reference Evapotranspiration in Riverside County, California. Remote Sensing, 2020, 12, 4126.	1.8	7
43	Modeling the Carbon Cost of Plant Nitrogen and Phosphorus Uptake Across Temperate and Tropical Forests. Frontiers in Forests and Global Change, 2020, 3, .	1.0	27
44	Applying Tipping Point Theory to Remote Sensing Science to Improve Early Warning Drought Signals for Food Security. Earth's Future, 2020, 8, e2019EF001456.	2.4	14
45	GRACEâ€based Mass Conservation as a Validation Target for Basinâ€Scale Evapotranspiration in the Contiguous United States. Water Resources Research, 2020, 56, e2019WR026594.	1.7	30
46	ECOSTRESS: NASA's Next Generation Mission to Measure Evapotranspiration From the International Space Station. Water Resources Research, 2020, 56, e2019WR026058.	1.7	220
47	Global Trends in Evapotranspiration Dominated by Increases across Large Cropland Regions. Remote Sensing, 2020, 12, 1221.	1.8	26
48	Competing effects of soil fertility and toxicity on tropical greening. Scientific Reports, 2020, 10, 6725.	1.6	6
49	Seasonal changes in plantâ€“water relations influence patterns of leaf display in Miombo woodlands: evidence of water conservative strategies. Tree Physiology, 2019, 39, 104-112.	1.4	9
50	The Arctic-Boreal vulnerability experiment model benchmarking system. Environmental Research Letters, 2019, 14, 055002.	2.2	9
51	Parametric Controls on Vegetation Responses to Biogeochemical Forcing in the CLM5. Journal of Advances in Modeling Earth Systems, 2019, 11, 2879-2895.	1.3	69
52	Nitrogen and phosphorus constrain the CO2 fertilization of global plant biomass. Nature Climate Change, 2019, 9, 684-689.	8.1	269
53	Designing Drought Indicators. Bulletin of the American Meteorological Society, 2019, 100, 2327-2341.	1.7	9
54	The Community Land Model Version 5: Description of New Features, Benchmarking, and Impact of Forcing Uncertainty. Journal of Advances in Modeling Earth Systems, 2019, 11, 4245-4287.	1.3	692

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55	Divergence in land surface modeling: linking spread to structure. Environmental Research Communications, 2019, 1, 111004.	0.9	13
56	Carbon and Water Use Efficiencies: A Comparative Analysis of Ten Terrestrial Ecosystem Models under Changing Climate. Scientific Reports, 2019, 9, 14680.	1.6	37
57	Global mycorrhizal plant distribution linked to terrestrial carbon stocks. Nature Communications, 2019, 10, 5077.	5.8	170
58	Field-experiment constraints on the enhancement of the terrestrial carbon sink by CO2 fertilization. Nature Geoscience, 2019, 12, 809-814.	5.4	58
59	Reviews and syntheses: Turning the challenges of partitioning ecosystem evaporation and transpiration into opportunities. Biogeosciences, 2019, 16, 3747-3775.	1.3	150
60	Evaluation of a satellite-derived model parameterized by three soil moisture constraints to estimate terrestrial latent heat flux in the Heihe River basin of Northwest China. Science of the Total Environment, 2019, 695, 133787.	3.9	17
61	Neglecting plantâ€“microbe symbioses leads to underestimation of modeled climate impacts. Biogeosciences, 2019, 16, 457-465.	1.3	20
62	Advances in the Remote Sensing of Terrestrial Evaporation. Remote Sensing, 2019, 11, 1138.	1.8	21
63	Disentangling Changes in the Spectral Shape of Chlorophyll Fluorescence: Implications for Remote Sensing of Photosynthesis. Journal of Geophysical Research G: Biogeosciences, 2019, 124, 1491-1507.	1.3	73
64	Vegetation Functional Properties Determine Uncertainty of Simulated Ecosystem Productivity: A Traceability Analysis in the East Asian Monsoon Region. Global Biogeochemical Cycles, 2019, 33, 668-689.	1.9	38
65	Plant responses to volcanically elevated CO₂ in two Costa Rican forests. Biogeosciences, 2019, 16, 1343-1360.	1.3	4
66	Impact of the Revisit of Thermal Infrared Remote Sensing Observations on Evapotranspiration Uncertaintyâ€”A Sensitivity Study Using AmeriFlux Data. Remote Sensing, 2019, 11, 573.	1.8	19
67	Land carbon models underestimate the severity and duration of droughtâ€™s impact on plant productivity. Scientific Reports, 2019, 9, 2758.	1.6	42
68	Assessing regional drought impacts on vegetation and evapotranspiration: a case study in Guanacaste, Costa Rica. Ecological Applications, 2019, 29, e01834.	1.8	24
69	Merging the MODIS and Landsat Terrestrial Latent Heat Flux Products Using the Multiresolution Tree Method. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 2811-2823.	2.7	11
70	Satellite Chlorophyll Fluorescence and Soil Moisture Observations Lead to Advances in the Predictive Understanding of Global Terrestrial Coupled Carbonâ€Water Cycles. Global Biogeochemical Cycles, 2018, 32, 360-375.	1.9	42
71	Global Validation of MODIS Nearâ€Surface Air and Dew Point Temperatures. Geophysical Research Letters, 2018, 45, 7772-7780.	1.5	25
72	Contribution of environmental forcings to US runoff changes for the period 1950â€“2010. Environmental Research Letters, 2018, 13, 054023.	2.2	9

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73	Sources of Uncertainty in Modeled Land Carbon Storage within and across Three MIPs: Diagnosis with Three New Techniques. Journal of Climate, 2018, 31, 2833-2851.	1.2	24
74	Missing pieces to modeling the Arctic-Boreal puzzle. Environmental Research Letters, 2018, 13, 020202.	2.2	61
75	Ecosystem responses to elevated CO₂ using airborne remote sensing at Mammoth Mountain, California. Biogeosciences, 2018, 15, 7403-7418.	1.3	7
76	Enhanced peak growth of global vegetation and its key mechanisms. Nature Ecology and Evolution, 2018, 2, 1897-1905.	3.4	169
77	Sensitivity of Evapotranspiration Components in Remote Sensing-Based Models. Remote Sensing, 2018, 10, 1601.	1.8	28
78	CubeSats Enable High Spatiotemporal Retrievals of Crop-Water Use for Precision Agriculture. Remote Sensing, 2018, 10, 1867.	1.8	57
79	The impact of the 2015/2016 El NiÃ±o on global photosynthesis using satellite remote sensing. Philosophical Transactions of the Royal Society B: Biological Sciences, 2018, 373, 20170409.	1.8	28
80	SMAP soil moisture improves global evapotranspiration. Remote Sensing of Environment, 2018, 219, 1-14.	4.6	131
81	Exploring the merging of the global land evaporation WACMOS-ET products based on local tower measurements. Hydrology and Earth System Sciences, 2018, 22, 4513-4533.	1.9	28
82	Satellite Detection of Water Stress Effects on Terrestrial Latent Heat Flux With MODIS Shortwave Infrared Reflectance Data. Journal of Geophysical Research D: Atmospheres, 2018, 123, 11,410.	1.2	10
83	Vegetation Water Use Based on a Thermal and Optical Remote Sensing Model in the Mediterranean Region of DoÃ±ana. Remote Sensing, 2018, 10, 1105.	1.8	15
84	On the Desiccation of the South Aral Sea Observed from Spaceborne Missions. Remote Sensing, 2018, 10, 793.	1.8	24
85	Using GRACE to Estitmate Snowfall Accumulation and Assess Gauge Undercatch Corrections in High Latitudes. Journal of Climate, 2018, 31, 8689-8704.	1.2	31
86	Partitioning of evapotranspiration in remote sensing-based models. Agricultural and Forest Meteorology, 2018, 260-261, 131-143.	1.9	91
87	Response to Comment on â€œMycorrhizal association as a primary control of the CO ₂ fertilization effectâ€• Science, 2017, 355, 358-358.	6.0	4
88	Improving global terrestrial evapotranspiration estimation using support vector machine by integrating three process-based algorithms. Agricultural and Forest Meteorology, 2017, 242, 55-74.	1.9	96
89	A simple temperature domain twoâ€source model for estimating agricultural field surface energy fluxes from Landsat images. Journal of Geophysical Research D: Atmospheres, 2017, 122, 5211-5236.	1.2	43
90	ISS observations offer insights into plant function. Nature Ecology and Evolution, 2017, 1, 194.	3.4	94

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91	The future of evapotranspiration: Global requirements for ecosystem functioning, carbon and climate feedbacks, agricultural management, and water resources. Water Resources Research, 2017, 53, 2618-2626.	1.7	552
92	Application of satellite solar-induced chlorophyll fluorescence to understanding large-scale variations in vegetation phenology and function over northern high latitude forests. Remote Sensing of Environment, 2017, 190, 178-187.	4.6	175
93	Using GRACE to constrain precipitation amount over cold mountainous basins. Geophysical Research Letters, 2017, 44, 219-227.	1.5	41
94	Global land carbon sink response to temperature and precipitation varies with ENSO phase. Environmental Research Letters, 2017, 12, 064007.	2.2	39
95	Uncertainty in the response of terrestrial carbon sink to environmental drivers undermines carbon-climate feedback predictions. Scientific Reports, 2017, 7, 4765.	1.6	156
96	Global patterns of drought recovery. Nature, 2017, 548, 202-205.	13.7	560
97	Estimation of high-resolution terrestrial evapotranspiration from Landsat data using a simple Taylor skill fusion method. Journal of Hydrology, 2017, 553, 508-526.	2.3	41
98	Response of Water Use Efficiency to Global Environmental Change Based on Output From Terrestrial Biosphere Models. Global Biogeochemical Cycles, 2017, 31, 1639-1655.	1.9	63
99	Connecting active to passive fluorescence with photosynthesis: a method for evaluating remote sensing measurements of Chl fluorescence. New Phytologist, 2017, 215, 1594-1608.	3.5	87
100	Spatial Downscaling of SMAP Soil Moisture Using MODIS Land Surface Temperature and NDVI During SMAPVEX15. IEEE Geoscience and Remote Sensing Letters, 2017, 14, 2107-2111.	1.4	73
101	The Regional Hydrologic Extremes Assessment System: A software framework for hydrologic modeling and data assimilation. PLoS ONE, 2017, 12, e0176506.	1.1	24
102	Integration of nitrogen dynamics into the Noah-MP land surface model v1.1 for climate and environmental predictions. Geoscientific Model Development, 2016, 9, 1-15.	1.3	31
103	The WACMOS-ET project â€“ PartÂ2: Evaluation of global terrestrial evaporation data sets. Hydrology and Earth System Sciences, 2016, 20, 823-842.	1.9	253
104	Technical note: 3-hourly temporal downscaling of monthly global terrestrial biosphere model net ecosystem exchange. Biogeosciences, 2016, 13, 4271-4277.	1.3	12
105	The WACMOS-ET project â€“ PartÂ1: Tower-scale evaluation of four remote-sensing-based evapotranspiration algorithms. Hydrology and Earth System Sciences, 2016, 20, 803-822.	1.9	164
106	Global Surface Net-Radiation at 5 km from MODIS Terra. Remote Sensing, 2016, 8, 739.	1.8	33
107	A global scale mechanistic model of photosynthetic capacity (LUNA V1.0). Geoscientific Model Development, 2016, 9, 587-606.	1.3	88
108	Treeâ€mycorrhizal associations detected remotely from canopy spectral properties. Global Change Biology, 2016, 22, 2596-2607.	4.2	45

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109	Carbon cost of plant nitrogen acquisition: global carbon cycle impact from an improved plant nitrogen cycle in theÂCommunity Land Model. Global Change Biology, 2016, 22, 1299-1314.	4.2	137
110	Uncertainty analysis of terrestrial net primary productivity and net biome productivity in China during 1901â€“2005. Journal of Geophysical Research G: Biogeosciences, 2016, 121, 1372-1393.	1.3	35
111	Ground heat flux: An analytical review of 6 models evaluated at 88 sites and globally. Journal of Geophysical Research G: Biogeosciences, 2016, 121, 3045-3059.	1.3	59
112	Warm spring reduced carbon cycle impact of the 2012 US summer drought. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 5880-5885.	3.3	340
113	The impact of deforestation on the hydrological cycle in Amazonia as observed from remote sensing. International Journal of Remote Sensing, 2016, 37, 5412-5430.	1.3	33
114	Improving Budyko curveâ€based estimates of longâ€term water partitioning using hydrologic signatures from GRACE. Water Resources Research, 2016, 52, 5537-5554.	1.7	27
115	Increased lightâ€use efficiency in northern terrestrial ecosystems indicated by CO₂ and greening observations. Geophysical Research Letters, 2016, 43, 11,339.	1.5	40
116	Assessing hydro-ecological vulnerability using microwave radiometric measurements from WindSat. Remote Sensing of Environment, 2016, 184, 58-72.	4.6	17
117	Toward â€œoptimalâ€•integration of terrestrial biosphere models. Geophysical Research Letters, 2015, 42, 4418-4428.	1.5	48
118	Disentangling climatic and anthropogenic controls on global terrestrial evapotranspiration trends. Environmental Research Letters, 2015, 10, 094008.	2.2	119
119	Effect of increasing CO ₂ on the terrestrial carbon cycle. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 436-441.	3.3	487
120	A satellite-based hybrid algorithm to determine the Priestleyâ€“Taylor parameter for global terrestrial latent heat flux estimation across multiple biomes. Remote Sensing of Environment, 2015, 165, 216-233.	4.6	92
121	Using Bayesian model averaging to estimate terrestrial evapotranspiration in China. Journal of Hydrology, 2015, 528, 537-549.	2.3	57
122	On Uncertainty in Global Terrestrial Evapotranspiration Estimates from Choice of Input Forcing Datasets*. Journal of Hydrometeorology, 2015, 16, 1449-1455.	0.7	100
123	Observing terrestrial ecosystems and the carbon cycle from space. Global Change Biology, 2015, 21, 1762-1776.	4.2	339
124	The hydrological regime of a forested tropical Andean catchment. Hydrology and Earth System Sciences, 2014, 18, 5377-5397.	1.9	48
125	Carbon cycle uncertainty in the Alaskan Arctic. Biogeosciences, 2014, 11, 4271-4288.	1.3	92
126	1982â€“2010 Trends of Light Use Efficiency and Inherent Water Use Efficiency in African vegetation: Sensitivity to Climate and Atmospheric CO2 Concentrations. Remote Sensing, 2014, 6, 8923-8944.	1.8	21

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127	Sustainable Water Management in Urban, Agricultural, and Natural Systems. Water (Switzerland), 2014, 6, 3934-3956.	1.2	70
128	Satellite-Based Precipitation Estimation and Its Application for Streamflow Prediction over Mountainous Western U.S. Basins. Journal of Applied Meteorology and Climatology, 2014, 53, 2823-2842.	0.6	53
129	Modeling the carbon cost of plant nitrogen acquisition: Mycorrhizal trade-offs and multipath resistance uptake improve predictions of retranslocation. Journal of Geophysical Research G: Biogeosciences, 2014, 119, 1684-1697.	1.3	133
130	Terrestrial gross primary production inferred from satellite fluorescence and vegetation models. Global Change Biology, 2014, 20, 3103-3121.	4.2	161
131	Measuring water availability with limited ground data: assessing the feasibility of an entirely remote-sensing-based hydrologic budget of the Rufiji Basin, Tanzania, using TRMM, GRACE, MODIS, SRB, and AIRS. Hydrological Processes, 2014, 28, 853-867.	1.1	33
132	The productivity, metabolism and carbon cycle of two lowland tropical forest plots in south-western Amazonia, Peru. Plant Ecology and Diversity, 2014, 7, 85-105.	1.0	82
133	A Surface Temperature Initiated Closure (STIC) for surface energy balance fluxes. Remote Sensing of Environment, 2014, 141, 243-261.	4.6	83
134	Comparison of satellite-based evapotranspiration models over terrestrial ecosystems in China. Remote Sensing of Environment, 2014, 140, 279-293.	4.6	217
135	Modeling the Terrestrial Biosphere. Annual Review of Environment and Resources, 2014, 39, 91-123.	5.6	181
136	Productivity and carbon allocation in a tropical montane cloud forest in the Peruvian Andes. Plant Ecology and Diversity, 2014, 7, 107-123.	1.0	63
137	On the net surface water exchange rate estimated from remote-sensing observation and reanalysis. International Journal of Remote Sensing, 2014, 35, 2170-2185.	1.3	10
138	Mechanisms of water supply and vegetation demand govern the seasonality and magnitude of evapotranspiration in Amazonia and Cerrado. Agricultural and Forest Meteorology, 2014, 191, 33-50.	1.9	105
139	Evaluation of the ORCHIDEE ecosystem model over Africa against 25 years of satellite-based water and carbon measurements. Journal of Geophysical Research G: Biogeosciences, 2014, 119, 1554-1575.	1.3	31
140	Inferring regional sources and sinks of atmospheric CO₂ from GOSAT XCO₂ data. Atmospheric Chemistry and Physics, 2014, 14, 3703-3727.	1.9	120
141	Bayesian multimodel estimation of global terrestrial latent heat flux from eddy covariance, meteorological, and satellite observations. Journal of Geophysical Research D: Atmospheres, 2014, 119, 4521-4545.	1.2	146
142	Land-Atmosphere Interactions, Evapotranspiration. Encyclopedia of Earth Sciences Series, 2014, , 325-328.	0.1	7
143	Drought: Precipitation, Evapotranspiration, and Soil Moisture. , 2014, , 1015-1017.		1
144	Nutrient limitation in rainforests and cloud forests along a 3,000-m elevation gradient in the Peruvian Andes. Oecologia, 2013, 172, 889-902.	0.9	187

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145	Xylem cavitation vulnerability influences tree speciesâ€™ habitat preferences in miombo woodlands. Oecologia, 2013, 173, 711-720.	0.9	27
146	Canadian Experiment for Soil Moisture in 2010 (CanEx-SM10): Overview and Preliminary Results. IEEE Transactions on Geoscience and Remote Sensing, 2013, 51, 347-363.	2.7	71
147	Overview of the Large-Scale Biosphereâ€“Atmosphere Experiment in Amazonia Data Model Intercomparison Project (LBA-DMIP). Agricultural and Forest Meteorology, 2013, 182-183, 111-127.	1.9	55
148	Interpreting seasonal changes in the carbon balance of southern Amazonia using measurements of XCO₂ and chlorophyll fluorescence from GOSAT. Geophysical Research Letters, 2013, 40, 2829-2833.	1.5	89
149	MODIS-driven estimation of terrestrial latent heat flux in China based on a modified Priestleyâ€“Taylor algorithm. Agricultural and Forest Meteorology, 2013, 171-172, 187-202.	1.9	193
150	Inter-annual variability of carbon and water fluxes in Amazonian forest, Cerrado and pasture sites, as simulated by terrestrial biosphere models. Agricultural and Forest Meteorology, 2013, 182-183, 145-155.	1.9	30
151	What controls the error structure in evapotranspiration models?. Agricultural and Forest Meteorology, 2013, 169, 12-24.	1.9	57
152	Latent Heat Flux and Canopy Conductance Based on Penmanâ€“Monteith, Priestleyâ€“Taylor Equation, and Bouchetâ€™s Complementary Hypothesis. Journal of Hydrometeorology, 2013, 14, 419-442.	0.7	35
153	Forest productivity and water stress in Amazonia: observations from GOSAT chlorophyll fluorescence. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20130171.	1.2	245
154	African tropical rainforest net carbon dioxide fluxes in the twentieth century. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20120376.	1.8	49
155	Sensitivity of inferred climate model skill to evaluation decisions: a case study using CMIP5 evapotranspiration. Environmental Research Letters, 2013, 8, 024028.	2.2	50
156	An improved topographic mapping technique from airborne lidar: application in a forested hillside. International Journal of Remote Sensing, 2013, 34, 7293-7311.	1.3	4
157	A comprehensive benchmarking system for evaluating global vegetation models. Biogeosciences, 2013, 10, 3313-3340.	1.3	119
158	Benchmark products for land evapotranspiration: LandFlux-EVAL multi-data set synthesis. Hydrology and Earth System Sciences, 2013, 17, 3707-3720.	1.9	310
159	Evaluating the potential to monitor aboveground biomass in forest and oil palm in Sabah, Malaysia, for 2000â€“2008 with Landsat ETM+ and ALOS-PALSAR. International Journal of Remote Sensing, 2012, 33, 3614-3639.	1.3	61
160	Reduction of tropical land region precipitation variability via transpiration. Geophysical Research Letters, 2012, 39, .	1.5	35
161	Database Maintenance, Data Sharing Policy, Collaboration. , 2012, , 399-424.		17
162	Global nutrient limitation in terrestrial vegetation. Global Biogeochemical Cycles, 2012, 26, .	1.9	142

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163	Functional coordination between branch hydraulic properties and leaf functional traits in miombo woodlands: implications for water stress management and species habitat preference. Acta Physiologiae Plantarum, 2012, 34, 1701-1710.	1.0	17
164	A framework for benchmarking land models. Biogeosciences, 2012, 9, 3857-3874.	1.3	267
165	Challenges and Opportunities in GRACE-Based Groundwater Storage Assessment and Management: An Example from Yemen. Water Resources Management, 2012, 26, 1425-1453.	1.9	23
166	Simulating forest productivity along a neotropical elevational transect: temperature variation and carbon use efficiency. Global Change Biology, 2012, 18, 2882-2898.	4.2	34
167	Evaluation of global observations-based evapotranspiration datasets and IPCC AR4 simulations. Geophysical Research Letters, 2011, 38, n/a-n/a.	1.5	312
168	Global intercomparison of 12 land surface heat flux estimates. Journal of Geophysical Research, 2011, 116, .	3.3	309
169	New global observations of the terrestrial carbon cycle from GOSAT: Patterns of plant fluorescence with gross primary productivity. Geophysical Research Letters, 2011, 38, n/a-n/a.	1.5	749
170	Mapping forest canopy height globally with spaceborne lidar. Journal of Geophysical Research, 2011, 116, .	3.3	855
171	Mainstreaming local perceptions of hurricane risk into policymaking: A case study of community GIS in Mexico. Global Environmental Change, 2011, 21, 143-153.	3.6	40
172	Carbon dioxide fluxes over an ancient broadleaved deciduous woodland in southern England. Biogeosciences, 2011, 8, 1595-1613.	1.3	51
173	ET come home: potential evapotranspiration in geographical ecology. Global Ecology and Biogeography, 2011, 20, 1-18.	2.7	279
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