Gil Bohrer

List of Publications by Year
in descending order

157 papers	13,070 citations	26567 56 h-index	26548 107 g-index
187 all docs	187 docs citations	187 times ranked	14407 citing authors

#	Article	IF	Citations
1	Increase in forest water-use efficiency as atmospheric carbon dioxide concentrations rise. Nature, 2013, 499, 324-327.	13.7	966
2	The increasing importance of atmospheric demand for ecosystem water and carbon fluxes. Nature Climate Change, 2016, 6, 1023-1027.	8.1	734
3	Net carbon uptake has increased through warming-induced changes in temperate forest phenology. Nature Climate Change, 2014, 4, 598-604.	8.1	671
4	The FLUXNET2015 dataset and the ONEFlux processing pipeline for eddy covariance data. Scientific Data, 2020, 7, 225.	2.4	646
5	Terrestrial biosphere models need better representation of vegetation phenology: results from the <scp>N</scp>orth <scp>A</scp>merican <scp>C</scp>arbon <scp>P</scp>rogram <scp>S</scp>ite <scp>S</scp>ynthesis. Global Change Biology, 2012, 18, 566-584.	4.2	583
6	Long‐distance gene flow and adaptation of forest trees to rapid climate change. Ecology Letters, 2012, 15, 378-392.	3.0	550
7	Observed increase in local cooling effect of deforestation at higher latitudes. Nature, 2011, 479, 384-387.	13.7	543
8	The environmental-data automated track annotation (Env-DATA) system: linking animal tracks with environmental data. Movement Ecology, 2013, 1, 3.	1.3	250
9	Moderating <scp>A</scp>rgos location errors in animal tracking data. Methods in Ecology and Evolution, 2012, 3, 999-1007.	2.2	246
10	ECOSTRESS: NASA's Next Generation Mission to Measure Evapotranspiration From the International Space Station. Water Resources Research, 2020, 56, e2019WR026058.	1.7	220
11	The role of canopy structural complexity in wood net primary production of a maturing northern deciduous forest. Ecology, 2011, 92, 1818-1827.	1.5	200
12	Methanogenesis in oxygenated soils is a substantial fraction of wetland methane emissions. Nature Communications, 2017, 8, 1567.	5.8	195
13	Estimating updraft velocity components over large spatial scales: contrasting migration strategies of golden eagles and turkey vultures. Ecology Letters, 2012, 15, 96-103.	3.0	162
14	Mechanistic models of seed dispersal by wind. Theoretical Ecology, 2011, 4, 113-132.	0.4	157
15	Fat, weather, and date affect migratory songbirds' departure decisions, routes, and time it takes to cross the Gulf of Mexico. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E6331-8.	3.3	155
16	Land surface phenology derived from normalized difference vegetation index (NDVI) at global FLUXNET sites. Agricultural and Forest Meteorology, 2017, 233, 171-182.	1.9	154
17	A comparison of multiple phenology data sources for estimating seasonal transitions in deciduous forest carbon exchange. Agricultural and Forest Meteorology, 2011, 151, 1741-1752.	1.9	146
18	Interannual variability of net ecosystem productivity in forests is explained by carbon flux phenology in autumn. Global Ecology and Biogeography, 2013, 22, 994-1006.	2.7	144

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19	Movement ecology of migration in turkey vultures. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 19102-19107.	3.3	141
20	Sustained carbon uptake and storage following moderate disturbance in a Great Lakes forest. Ecological Applications, 2013, 23, 1202-1215.	1.8	137
21	Global estimation of evapotranspiration using a leaf area index-based surface energy and water balance model. Remote Sensing of Environment, 2012, 124, 581-595.	4.6	136
22	Maintaining high rates of carbon storage in old forests: A mechanism linking canopy structure to forest function. Forest Ecology and Management, 2013, 298, 111-119.	1.4	130
23	Greenness indices from digital cameras predict the timing and seasonal dynamics of canopyâ€scale photosynthesis. Ecological Applications, 2015, 25, 99-115.	1.8	129
24	How fragmentation and corridors affect wind dynamics and seed dispersal in open habitats. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 3484-3489.	3.3	127
25	Use of change-point detection for frictionâ€"velocity threshold evaluation in eddy-covariance studies. Agricultural and Forest Meteorology, 2013, 171-172, 31-45.	1.9	126
26	Representativeness of Eddy-Covariance flux footprints for areas surrounding AmeriFlux sites. Agricultural and Forest Meteorology, 2021, 301-302, 108350.	1.9	125
27	Finite element tree crown hydrodynamics model (FETCH) using porous media flow within branching elements: A new representation of tree hydrodynamics. Water Resources Research, 2005, 41, .	1.7	123
28	Effects of canopy heterogeneity, seed abscission and inertia on windâ€driven dispersal kernels of tree seeds. Journal of Ecology, 2008, 96, 569-580.	1.9	122
29	Environmental drivers of variability in the movement ecology of turkey vultures (<i>Cathartes) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Sciences, 2014, 369, 20130195.	1.8	122
30	Effects of long-distance dispersal for metapopulation survival and genetic structure at ecological time and spatial scales. Journal of Ecology, 2005, 93, 1029-1040.	1.9	118
31	Variations in the influence of diffuse light on gross primary productivity in temperate ecosystems. Agricultural and Forest Meteorology, 2015, 201, 98-110.	1.9	114
32	Flying with the wind: scale dependency of speed and direction measurements in modelling wind support in avian flight. Movement Ecology, 2013, 1, 4.	1.3	111
33	Disturbance and the resilience of coupled carbon and nitrogen cycling in a north temperate forest. Journal of Geophysical Research, 2011, 116, .	3.3	108
34	Contrasting strategies of hydraulic control in two codominant temperate tree species. Ecohydrology, 2017, 10, e1815.	1.1	102
35	Understanding strategies for seed dispersal by wind under contrasting atmospheric conditions. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 19084-19089.	3.3	99
36	Long-distance biological transport processes through the air: can nature's complexity be unfolded in silico?. Diversity and Distributions, 2005, 11, 131-137.	1.9	98

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37	Exploring the Effects of Microscale Structural Heterogeneity of Forest Canopies Using Large-Eddy Simulations. Boundary-Layer Meteorology, 2009, 132, 351-382.	1.2	93
38	Elephant movement closely tracks precipitation-driven vegetation dynamics in a Kenyan forest-savanna landscape. Movement Ecology, 2014, 2, 2.	1.3	84
39	Tree level hydrodynamic approach for resolving aboveground water storage and stomatal conductance and modeling the effects of tree hydraulic strategy. Journal of Geophysical Research G: Biogeosciences, 2016, 121, 1792-1813.	1.3	84
40	The match and mismatch between photosynthesis and land surface phenology of deciduous forests. Agricultural and Forest Meteorology, 2015, 214-215, 25-38.	1.9	80
41	FLUXNET-CH&lt;sub&gt;4&lt;/sub&gt;: a global, multi-ecosystem dataset and analysis of methane seasonality from freshwater wetlands. Earth System Science Data, 2021, 13, 3607-3689.	3.7	79
42	Species–specific transpiration responses to intermediate disturbance in a northern hardwood forest. Journal of Geophysical Research G: Biogeosciences, 2014, 119, 2292-2311.	1.3	76
43	Observations of stem water storage in trees of opposing hydraulic strategies. Ecosphere, 2015, 6, 1-13.	1.0	76
44	Quantifying vegetation and canopy structural complexity from terrestrial LiDAR data using the forestr package. Methods in Ecology and Evolution, 2018, 9, 2057-2066.	2.2	76
45	Ecological insights from three decades of animal movement tracking across a changing Arctic. Science, 2020, 370, 712-715.	6.0	75
46	In search of greener pastures: Using satellite images to predict the effects of environmental change on zebra migration. Journal of Geophysical Research G: Biogeosciences, 2013, 118, 1427-1437.	1.3	71
47	Characterizing the diurnal patterns of errors in the prediction of evapotranspiration by several land–surface models: An NACP analysis. Journal of Geophysical Research G: Biogeosciences, 2014, 119, 1458-1473.	1.3	69
48	The handbook for standardized field and laboratory measurements in terrestrial climate change experiments and observational studies (ClimEx). Methods in Ecology and Evolution, 2020, 11, 22-37.	2.2	68
49	Contrasting Hydraulic Strategies during Dry Soil Conditions in Quercus rubra and Acer rubrum in a Sandy Site in Michigan. Forests, 2013, 4, 1106-1120.	0.9	65
50	Global transpiration data from sap flow measurements: the SAPFLUXNET database. Earth System Science Data, 2021, 13, 2607-2649.	3.7	65
51	Interannual and spatial impacts of phenological transitions, growing season length, and spring and autumn temperatures on carbon sequestration: A North America flux data synthesis. Global and Planetary Change, 2012, 92-93, 179-190.	1.6	64
52	Joint evolution of seed traits along an aridity gradient: seed size and dormancy are not two substitutable evolutionary traits in temporally heterogeneous environment. New Phytologist, 2013, 197, 655-667.	3.5	63
53	The seasonal and diurnal dynamics of methane flux at a created urban wetland. Ecological Engineering, 2014, 72, 74-83.	1.6	63
54	Forest structure in space and time: Biotic and abiotic determinants of canopy complexity and their effects on net primary productivity. Agricultural and Forest Meteorology, 2018, 250-251, 181-191.	1.9	63

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55	Seasonal hysteresis of net ecosystem exchange in response to temperature change: patterns and causes. Global Change Biology, 2011, 17, 3102-3114.	4.2	62
56	Remote sensing of annual terrestrial gross primary productivity from MODIS: an assessment using the FLUXNET La Thuile data set. Biogeosciences, 2014, 11, 2185-2200.	1.3	62
57	Towards an integrated science of movement: converging research on animal movement ecology and human mobility science. International Journal of Geographical Information Science, 2019, 33, 855-876.	2.2	62
58	Short‐term favorable weather conditions are an important control of interannual variability in carbon and water fluxes. Journal of Geophysical Research G: Biogeosciences, 2016, 121, 2186-2198.	1.3	60
59	Identifying dominant environmental predictors of freshwater wetland methane fluxes across diurnal to seasonal time scales. Global Change Biology, 2021, 27, 3582-3604.	4.2	59
60	The Movebank system for studying global animal movement and demography. Methods in Ecology and Evolution, 2022, 13, 419-431.	2.2	58
61	Environmental drivers of methane fluxes from an urban temperate wetland park. Journal of Geophysical Research G: Biogeosciences, 2014, 119, 2188-2208.	1.3	56
62	Trait-based representation of hydrological functional properties ofÂplants in weather and ecosystem models. Plant Diversity, 2017, 39, 1-12.	1.8	56
63	Integrating snow science and wildlife ecology in Arctic-boreal North America. Environmental Research Letters, 2019, 14, 010401.	2.2	55
64	Canopy-structure effects on surface roughness parameters: Observations in a Great Lakes mixed-deciduous forest. Agricultural and Forest Meteorology, 2013, 177, 24-34.	1.9	54
65	Estimating landscape net ecosystem exchange at high spatial‐temporal resolution based on Landsat data, an improved upscaling model framework, and eddy covariance flux measurements. Remote Sensing of Environment, 2014, 141, 90-104.	4.6	54
66	Improved global simulations of gross primary product based on a new definition of water stress factor and a separate treatment of C3 and C4 plants. Ecological Modelling, 2015, 297, 42-59.	1.2	53
67	Combining eddy-covariance and chamber measurements to determine the methane budget from a small, heterogeneous urban floodplain wetland park. Agricultural and Forest Meteorology, 2017, 237-238, 160-170.	1.9	52
68	Determining total emissions and environmental drivers of methane flux in a Lake Erie estuarine marsh. Ecological Engineering, 2018, 114, 7-15.	1.6	52
69	Biological Earth observation with animal sensors. Trends in Ecology and Evolution, 2022, 37, 293-298.	4.2	49
70	The relationship between redox potential and nitrification under different sequences of crop rotations. Soil and Tillage Research, 2004, 77, 25-33.	2.6	48
71	Migration path annotation: cross-continental study of migration-flight response to environmental conditions. , 2011, 21, 2258-2268.		47
72	Boreal tree hydrodynamics: asynchronous, diverging, yet complementary. Tree Physiology, 2018, 38, 953-964.	1.4	46

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73	On the choice of the driving temperature for eddy-covariance carbon dioxide flux partitioning. Biogeosciences, 2012, 9, 5243-5259.	1.3	45
74	Temporal dynamics of soil moisture in a northern temperate mixed successional forest after a prescribed intermediate disturbance. Agricultural and Forest Meteorology, 2013, 180, 22-33.	1.9	45
75	Contribution of lianas to plant area index and canopy structure in a Panamanian forest. Ecology, 2016, 97, 3271-3277.	1.5	45
76	Using High-Resolution GPS Tracking Data of Bird Flight for Meteorological Observations. Bulletin of the American Meteorological Society, 2016, 97, 951-961.	1.7	44
77	Regional Consequences of Local Population Demography and Genetics in Relation to Habitat Management in Gentiana pneumonanthe. Conservation Biology, 2005, 19, 357-367.	2.4	43
78	Redefinition and global estimation of basal ecosystem respiration rate. Global Biogeochemical Cycles, 2011, 25, n/a-n/a.	1.9	43
79	Canopy Structural Changes Following Widespread Mortality of Canopy Dominant Trees. Forests, 2013, 4, 537-552.	0.9	43
80	Research and development supporting risk-based wildfire effects prediction for fuels and fire management: status and needs. International Journal of Wildland Fire, 2013, 22, 37.	1.0	42
81	Effects of hydraulic architecture and spatial variation in light on mean stomatal conductance of tree branches and crowns. Plant, Cell and Environment, 2007, 30, 483-496.	2.8	40
82	Carbon dioxide fluxes of an urban tidal marsh in the Hudson†Raritan estuary. Journal of Geophysical Research G: Biogeosciences, 2014, 119, 2065-2081.	1.3	39
83	Plant†mediated methane transport in emergent and floating†leaved species of a temperate freshwater mineral†soil wetland. Limnology and Oceanography, 2020, 65, 1635-1650.	1.6	38
84	Synergistic use of SMAP and OCO-2 data in assessing the responses of ecosystem productivity to the 2018 U.S. drought. Remote Sensing of Environment, 2020, 251, 112062.	4.6	34
85	Substantial hysteresis in emergent temperature sensitivity of global wetland CH4 emissions. Nature Communications, 2021, 12, 2266.	5.8	34
86	Determining the viability response of pine pollen to atmospheric conditions during long†distance dispersal. Ecological Applications, 2009, 19, 656-667.	1.8	33
87	Large-eddy simulations of surface roughness parameter sensitivity to canopy-structure characteristics. Biogeosciences, 2015, 12, 2533-2548.	1.3	33
88	Wind estimation based on thermal soaring of birds. Ecology and Evolution, 2016, 6, 8706-8718.	0.8	33
89	Gap-filling eddy covariance methane fluxes: Comparison of machine learning model predictions and uncertainties at FLUXNET-CH4 wetlands. Agricultural and Forest Meteorology, 2021, 308-309, 108528.	1.9	33
90	The timing of abscission affects dispersal distance in a wind†dispersed tropical tree. Functional Ecology, 2013, 27, 208-218.	1.7	32

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91	Modeling of particulate matter dispersion from a poultry facility using AERMOD. Journal of the Air and Waste Management Association, 2015, 65, 206-217.	0.9	32
92	Evaluating the effect of alternative carbon allocation schemes in a land surface modelÂ(CLM4.5) on carbon fluxes, pools, and turnover in temperate forests. Geoscientific Model Development, 2017, 10, 3499-3517.	1.3	32
93	Uncovering the Diversity and Activity of Methylotrophic Methanogens in Freshwater Wetland Soils. MSystems, 2019, 4, .	1.7	32
94	Effects of different Kalahari-desert VA mycorrhizal communities on mineral acquisition and depletion from the soil by host plants. Journal of Arid Environments, 2003, 55, 193-208.	1.2	31
95	Temporal Dynamics of Aerodynamic Canopy Height Derived From Eddy Covariance Momentum Flux Data Across North American Flux Networks. Geophysical Research Letters, 2018, 45, 9275-9287.	1.5	31
96	A Novel Diffuse Fractionâ€Based Twoâ€Leaf Light Use Efficiency Model: An Application Quantifying Photosynthetic Seasonality across 20 AmeriFlux Flux Tower Sites. Journal of Advances in Modeling Earth Systems, 2017, 9, 2317-2332.	1.3	30
97	Warming homogenizes apparent temperature sensitivity of ecosystem respiration. Science Advances, 2021, 7, .	4.7	28
98	Behavioural adaptations to flight into thin air. Biology Letters, 2016, 12, 20160432.	1.0	26
99	Experimental Measurements of Fluence Distribution in a UV Reactor Using Fluorescent Microspheres. Environmental Science & Technology, 2005, 39, 8925-8930.	4.6	25
100	Effects of fine-scale soil moisture and canopy heterogeneity on energy and water fluxes in a northern temperate mixed forest. Agricultural and Forest Meteorology, 2014, 184, 243-256.	1.9	25
101	The interplay of wind and uplift facilitates over-water flight in facultative soaring birds. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20211603.	1.2	25
102	A Numerical Case Study of the Implications of Secondary Circulations to the Interpretation of Eddy-Covariance Measurements Over Small Lakes. Boundary-Layer Meteorology, 2017, 165, 311-332.	1.2	24
103	Ebullition dominates methane fluxes from the water surface across different ecohydrological patches in a temperate freshwater marsh at the end of the growing season. Science of the Total Environment, 2021, 767, 144498.	3.9	24
104	FireStem2D â€" A Two-Dimensional Heat Transfer Model for Simulating Tree Stem Injury in Fires. PLoS ONE, 2013, 8, e70110.	1.1	23
105	The ratio of methanogens to methanotrophs and water-level dynamics drive methane transfer velocity in a temperate kettle-hole peat bog. Biogeosciences, 2019, 16, 3207-3231.	1.3	23
106	Intergenic and Genic Sequence Lengths Have Opposite Relationships with Respect to Gene Expression. PLoS ONE, 2008, 3, e3670.	1.1	23
107	Estimating plot-level tree structure in a deciduous forest by combining allometric equations, spatial wavelet analysis and airborne LiDAR. Remote Sensing Letters, 2012, 3, 443-451.	0.6	22
108	Multidimensional differentiation in foraging resource use during breeding of two sympatric top predators. Scientific Reports, 2016, 6, 35031.	1.6	22

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109	Effects of environmental variables on vesicular–arbuscular mycorrhizal abundance in wild populations of Vangueria infausta. Journal of Vegetation Science, 2001, 12, 279-288.	1.1	21
110	Connecting air quality regulating ecosystem services with beneficiaries through quantitative serviceshed analysis. Ecosystem Services, 2020, 41, 101057.	2.3	20
111	Methane and nitrous oxide porewater concentrations and surface fluxes of a regulated river. Science of the Total Environment, 2020, 715, 136920.	3.9	20
112	Root lateral interactions drive water uptake patterns under water limitation. Advances in Water Resources, 2021, 151, 103896.	1.7	20
113	A virtual canopy generator (V-CaGe) for modelling complex heterogeneous forest canopies at high resolution. Tellus, Series B: Chemical and Physical Meteorology, 2007, 59, 566-576.	0.8	19
114	Variations in potential CH_4 flux and CO_2 respiration from freshwater wetland sediments that differ by microsite location, depth and temperature. Ecological Engineering, 2014, 72, 84-94.	1.6	19
115	Impacts of forest loss on local climate across the conterminous United States: Evidence from satellite time-series observations. Science of the Total Environment, 2022, 802, 149651.	3.9	19
116	State-dependent errors in a land surface model across biomes inferred from eddy covariance observations on multiple timescales. Ecological Modelling, 2012, 246, 11-25.	1.2	18
117	Multivariate Conditional Granger Causality Analysis for Lagged Response of Soil Respiration in a Temperate Forest. Entropy, 2013, 15, 4266-4284.	1.1	18
118	Using satellite–derived optical thickness to assess the influence of clouds on terrestrial carbon uptake. Journal of Geophysical Research G: Biogeosciences, 2016, 121, 1747-1761.	1.3	17
119	Carbon dioxide emissions from an oligotrophic temperate lake: An eddy covariance approach. Ecological Engineering, 2018, 114, 25-33.	1.6	17
120	Hydrodynamic trait coordination and cost–benefit trade–offs throughout the isohydric–anisohydric continuum in trees. Ecohydrology, 2019, 12, e2041.	1.1	17
121	Moderate forest disturbance as a stringent test for gap and big-leaf models. Biogeosciences, 2015, 12, 513-526.	1.3	16
122	Resolving the Effects of Aperture and Volume Restriction of the Flow by Semi-Porous Barriers Using Large-Eddy Simulations. Boundary-Layer Meteorology, 2014, 152, 329-348.	1.2	15
123	Forest-atmosphere BVOC exchange in diverse and structurally complex canopies: 1-D modeling of a mid-successional forest in northern Michigan. Atmospheric Environment, 2015, 120, 217-226.	1.9	15
124	Disturbance–accelerated succession increases the production of a temperate forest. Ecological Applications, 2021, 31, e02417.	1.8	15
125	Classification of Wetland Vegetation Based on NDVI Time Series from the HLS Dataset. Remote Sensing, 2022, 14, 2107.	1.8	15
126	Seasonality in aerodynamic resistance across a range of North American ecosystems. Agricultural and Forest Meteorology, 2021, 310, 108613.	1.9	14

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127	Optimizing Wind Power Generation while Minimizing Wildlife Impacts in an Urban Area. PLoS ONE, 2013, 8, e56036.	1.1	13
128	A multidimensional stability framework enhances interpretation and comparison of carbon cycling response to disturbance. Ecosphere, 2021, 12, e03800.	1.0	13
129	Coupling Fine-Scale Root and Canopy Structure Using Ground-Based Remote Sensing. Remote Sensing, 2017, 9, 182.	1.8	12
130	Relationships Between Methane and Carbon Dioxide Fluxes in a Temperate Cattailâ€Dominated Freshwater Wetland. Journal of Geophysical Research G: Biogeosciences, 2019, 124, 2076-2089.	1.3	11
131	The effectiveness of various rabies spatial vaccination patterns in a simulated host population with clumped distribution. Ecological Modelling, 2002, 152, 205-211.	1.2	10
132	Sensitivity of Ice Storms in the Southeastern United States to Atlantic SSTâ€"Insights from a Case Study of the December 2002 Storm. Monthly Weather Review, 2006, 134, 1454-1464.	0.5	9
133	Modeling forest carbon cycle response to tree mortality: Effects of plant functional type and disturbance intensity. Journal of Geophysical Research G: Biogeosciences, 2015, 120, 2178-2193.	1.3	9
134	Evaporation and CO_2 fluxes in a coastal reef: an eddy covariance approach. Ecosystem Health and Sustainability, 2017, 3, .	1.5	8
135	The Calibration and Use of Capacitance Sensors to Monitor Stem Water Content in Trees. Journal of Visualized Experiments, 2017, , .	0.2	8
136	Coupling plant litter quantity to a novel metric for litter quality explains C storage changes in a thawing permafrost peatland. Global Change Biology, 2021, , .	4.2	8
137	Estimating the movements of terrestrial animal populations using broad-scale occurrence data. Movement Ecology, 2021, 9, 60.	1.3	8
138	Carbon sequestration and methane emissions along a microtopographic gradient in a tropical Andean peatland. Science of the Total Environment, 2019, 654, 651-661.	3.9	7
139	Water level changes in Lake Erie drive 21st century CO2 and CH4 fluxes from a coastal temperate wetland. Science of the Total Environment, 2022, 821, 153087.	3.9	7
140	Disturbance has variable effects on the structural complexity of a temperate forest landscape. Ecological Indicators, 2022, 140, 109004.	2.6	7
141	A model of gas mixing into single-entrance tree cavities during wildland fires. Canadian Journal of Forest Research, 2011, 41, 1659-1670.	0.8	6
142	Microclimatic Effects of a Forest-to-Peatland Transition on Aerodynamic Resistance to Water Vapour Transfer in the Sub-humid Boreal Plains. Boundary-Layer Meteorology, 2021, 178, 301-322.	1.2	6
143	Once Upon a Time, in AmeriFlux. Journal of Geophysical Research G: Biogeosciences, 2021, 126, e2020JG006148.	1.3	5
144	Tree hydrodynamic modelling of the soilâ€"plantâ€"atmosphere continuum using FETCH3. Geoscientific Model Development, 2022, 15, 2619-2634.	1.3	5

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145	Keenan et al. reply. Nature, 2014, 507, E2-E3.	13.7	4
146	Forest Drought Response Index (ForDRI): A New Combined Model to Monitor Forest Drought in the Eastern United States. Remote Sensing, 2020, 12, 3605.	1.8	4
147	Effects of spatial heterogeneity of leaf density and crown spacing of canopy patches on dry deposition rates. Agricultural and Forest Meteorology, 2021, 306, 108440.	1.9	4
148	Site Characteristics Mediate the Relationship Between Forest Productivity and Satellite Measured Solar Induced Fluorescence. Frontiers in Forests and Global Change, 2021, 4, .	1.0	4
149	Intra€Specific Variability in Plant Hydraulic Parameters Inferred From Model Inversion of Sap Flux Data. Journal of Geophysical Research G: Biogeosciences, 2022, 127, .	1.3	4
150	Quantifying CH4 concentration spikes above baseline and attributing CH4 sources to hydraulic fracturing activities by continuous monitoring at an off-site tower. Atmospheric Environment, 2020, 228, 117452.	1.9	3
151	Coupling of Tree Growth and Photosynthetic Carbon Uptake Across Six North American Forests. Journal of Geophysical Research G: Biogeosciences, 2022, 127, .	1.3	3
152	Track Annotation: Determining the Environmental Context of Movement Through the Air. , 2017, , 71-86.		2
153	Poleward non€breeding migration of a breeding population: challenging the traditional perspective of avian migration. Journal of Avian Biology, 2020, 51, .	0.6	2
154	Microclimatic Effects of a Perched Peatland Forest Gap. Boundary-Layer Meteorology, 2022, 182, 95-118.	1.2	2
155	Mobilizing Animal Movement Data: API use and the Movebank platform. Biodiversity Information Science and Standards, 0, 5, .	0.0	2
156	Putting wind dispersal in context. Nature Climate Change, 2020, 10, 807-808.	8.1	0
157	Optimizing Wind Power Generation while Minimizing Wildlife Impacts in an Urban Area. , 2015, , 177-196.		0