Alexander Knohl

List of Publications by Year in Descending Order

154 papers	14,264 citations	50 h-index	119 g-index
195 ext. papers	16,479 ext. citations	7.2 avg, IF	5.62 L-index

#	Paper	IF	Citations
154	Implementing a New Rubber Plant Functional Type in the Community Land Model (CLM5) Improves Accuracy of Carbon and Water Flux Estimation. *Land*, **2022**, 11, 183	3.5	0
153	Global maps of soil temperature.. *Global Change Biology*, **2021**,	11.4	8
152	Using Airborne Laser Scanning to Characterize Land-Use Systems in a Tropical Landscape Based on Vegetation Structural Metrics. *Remote Sensing*, **2021**, 13, 4794	5	2
151	Dataset on microclimate and drone-based thermal patterns within an oil palm agroforestry system. *Data in Brief*, **2021**, 39, 107615	1.2	
150	Reply to: Old-growth forest carbon sinks overestimated. *Nature*, **2021**, 591, E24-E25	50.4	3
149	Using a Bottom-Up Approach to Scale Leaf Photosynthetic Traits of Oil Palm, Rubber, and Two Coexisting Tropical Woody Species. *Forests*, **2021**, 12, 359	2.8	1
148	Temperature Control of Spring CO2 Fluxes at a Coniferous Forest and a Peat Bog in Central Siberia. *Atmosphere*, **2021**, 12, 984	2.7	1
147	Selected breakpoints of net forest carbon uptake at four eddy-covariance sites. *Tellus, Series B: Chemical and Physical Meteorology*, **2021**, 73, 1-12	3.3	4
146	Predicting evapotranspiration from drone-based thermography – a method comparison in a tropical oil palm plantation. *Biogeosciences*, **2021**, 18, 861-872	4.6	1
145	Method comparison of indirect assessments of understory leaf area index (LAIu): A case study across the extended network of ICOS forest ecosystem sites in Europe. *Ecological Indicators*, **2021**, 128, 107841	5.8	2
144	The three major axes of terrestrial ecosystem function. *Nature*, **2021**, 598, 468-472	50.4	8
143	Microclimate and land surface temperature in a biodiversity enriched oil palm plantation. *Forest Ecology and Management*, **2021**, 497, 119480	3.9	0
142	Retrieval and validation of forest background reflectivity from daily Moderate Resolution Imaging Spectroradiometer (MODIS) bidirectional reflectance distribution function (BRDF) data across European forests. *Biogeosciences*, **2021**, 18, 621-635	4.6	8
141	Variations of the Oxidative Ratio across Ecosystem Components and Seasons in a Managed Temperate Beech Forest (Leinefelde, Germany). *Forests*, **2021**, 12, 1693	2.8	0
140	Uncovering the critical soil moisture thresholds of plant water stress for European ecosystems.. *Global Change Biology*, **2021**,	11.4	5
139	The pantropical response of soil moisture to El Niño. *Hydrology and Earth System Sciences*, **2020**, 24, 2303-2322	5.3	7
138	Validation of Space-Based Albedo Products from Upscaled Tower-Based Measurements Over Heterogeneous and Homogeneous Landscapes. *Remote Sensing*, **2020**, 12, 833	5	7

137	Relative contribution of evapotranspiration and soil compaction to the fluctuation of catchment discharge: case study from a plantation landscape. *Hydrological Sciences Journal*, **2020**, 65, 1239-1248	3.5	7
136	Allometric relationships of stand level carbon stocks to basal area, tree height and wood density of nine tree species in Bangladesh. *Global Ecology and Conservation*, **2020**, 22, e01025	2.8	12
135	Trade-offs between multifunctionality and profit in tropical smallholder landscapes. *Nature Communications*, **2020**, 11, 1186	17.4	52
134	Measured greenhouse gas budgets challenge emission savings from palm-oil biodiesel. *Nature Communications*, **2020**, 11, 1089	17.4	30
133	Evapotranspiration over agroforestry sites in Germany. *Biogeosciences*, **2020**, 17, 5183-5208	4.6	2
132	It is not just a Q trade-off Q indications for sink- and source-limitation to vegetative and regenerative growth in an old-growth beech forest. *New Phytologist*, **2020**, 226, 111-125	9.8	18
131	Ecosystem transpiration and evaporation: Insights from three water flux partitioning methods across FLUXNET sites. *Global Change Biology*, **2020**, 26, 6916-6930	11.4	31
130	Oil palm plantations are large sources of nitrous oxide, but where are the data to quantify the impact on global warming?. *Current Opinion in Environmental Sustainability*, **2020**, 47, 81-88	7.2	7
129	The FLUXNET2015 dataset and the ONEFlux processing pipeline for eddy covariance data. *Scientific Data*, **2020**, 7, 225	8.2	256
128	Flooding and land use change in Jambi Province, Sumatra: integrating local knowledge and scientific inquiry. *Ecology and Society*, **2020**, 25,	4.1	8
127	Altered energy partitioning across terrestrial ecosystems in the European drought year 2018. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2020**, 375, 20190524	5.8	18
126	Sensitivity of gross primary productivity to climatic drivers during the summer drought of 2018 in Europe. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2020**, 375, 20190747	5.8	23
125	Transpiration on the rebound in lowland Sumatra. *Agricultural and Forest Meteorology*, **2019**, 274, 160-171	5.18	17
124	Reconciling Canopy Interception Parameterization and Rainfall Forcing Frequency in the Community Land Model for Simulating Evapotranspiration of Rainforests and Oil Palm Plantations in Indonesia. *Journal of Advances in Modeling Earth Systems*, **2019**, 11, 732-751	7.1	12
123	Memory effects of climate and vegetation affecting net ecosystem CO2 fluxes in global forests. *PLoS ONE*, **2019**, 14, e0211510	3.7	18
122	Eddy covariance measurements of the dual-isotope composition of evapotranspiration. *Agricultural and Forest Meteorology*, **2019**, 269-270, 203-219	5.8	6
121	El Ni Southern Oscillation (ENSO) event reduces CO₂ uptake of an Indonesian oil palm plantation. *Biogeosciences*, **2019**, 16, 2873-2890	4.6	9
120	Effects Of The 2015 2016 El Ni Event On Energy And CO2 Fluxes Of A Tropical Rainforest In Central Sulawesi, Indonesia. *Geography, Environment, Sustainability*, **2019**, 12, 183-196	1	3

119	Quantification Of Leaf Emissivities Of Forest Species: Effects On Modelled Energy And Matter Fluxes In Forest Ecosystems. *Geography, Environment, Sustainability*, **2019**, 12, 245-258	1	
118	Impact of forest conversion to oil palm and rubber plantations on microclimate and the role of the 2015 ENSO event. *Agricultural and Forest Meteorology*, **2018**, 252, 208-219	5.8	77
117	Strong radiative effect induced by clouds and smoke on forest net ecosystem productivity in central Siberia. *Agricultural and Forest Meteorology*, **2018**, 250-251, 376-387	5.8	24
116	Water sources of plant uptake along a salt marsh flooding gradient. *Oecologia*, **2018**, 188, 607-622	2.9	3
115	Carbon costs and benefits of Indonesian rainforest conversion to plantations. *Nature Communications*, **2018**, 9, 2388	17.4	73
114	Dynamics of the Standardized Precipitation Evapotranspiration Index (SPEI) of an oil palm plantation area in Jambi province, Indonesia. *IOP Conference Series: Earth and Environmental Science* , **2018**, 187, 012065	0.3	
113	The influence of surface roughness and turbulence on heat fluxes from an oil palm plantation in Jambi, Indonesia. *IOP Conference Series: Earth and Environmental Science*, **2018**, 149, 012048	0.3	2
112	Implications of structural diversity for seasonal and annual carbon dioxide fluxes in two temperate deciduous forests. *Agricultural and Forest Meteorology*, **2018**, 263, 465-476	5.8	7
111	Observation-based implementation of ecophysiological processes for a rubber plant functional type in the community land model (CLM4.5-rubber_v1) **2018**,		1
110	Quantifying the effect of forest age in annual net forest carbon balance. *Environmental Research Letters*, **2018**, 13, 124018	6.2	41
109	Climate and soils together regulate photosynthetic carbon isotope discrimination within C3 plants worldwide. *Global Ecology and Biogeography*, **2018**, 27, 1056-1067	6.1	45
108	Solar dimming above temperate forests and its impact on local climate. *Environmental Research Letters*, **2018**, 13, 064014	6.2	1
107	Ecohydrological changes after tropical forest conversion to oil palm. *Environmental Research Letters*, **2018**, 13, 064035	6.2	31
106	Impacts of droughts and extreme-temperature events on gross primary production and ecosystem respiration: a systematic assessment across ecosystems and climate zones. *Biogeosciences*, **2018**, 15, 1293-1318	4.6	79
105	Stand age and species richness dampen interannual variation of ecosystem-level photosynthetic capacity. *Nature Ecology and Evolution*, **2017**, 1, 48	12.3	60
104	Controls of water and energy fluxes in oil palm plantations: Environmental variables and oil palm age. *Agricultural and Forest Meteorology*, **2017**, 239, 71-85	5.8	35
103	Winter respiratory C losses provide explanatory power for net ecosystem productivity. *Journal of Geophysical Research G: Biogeosciences*, **2017**, 122, 243-260	3.7	5
102	Expansion of oil palm and other cash crops causes an increase of the land surface temperature in the Jambi province in Indonesia. *Biogeosciences*, **2017**, 14, 4619-4635	4.6	36

101	Direct and cascading impacts of tropical land-use change on multi-trophic biodiversity. *Nature Ecology and Evolution*, **2017**, 1, 1511-1519	12.3	77
100	Atmospheric deposition, CO, and change in the land carbon sink. *Scientific Reports*, **2017**, 7, 9632	4.9	41
99	Sources and abundances of leaf waxes in aerosols in central Europe. *Geochimica Et Cosmochimica Acta*, **2017**, 198, 299-314	5.5	19
98	A review of the ecosystem functions in oil palm plantations, using forests as a reference system. *Biological Reviews*, **2017**, 92, 1539-1569	13.5	145
97	A new instrument for stable isotope measurements of ¹³C and ¹⁸O in CO₂ Instrument performance and ecological application of the Delta Ray IRIS analyzer. *Atmospheric Measurement Techniques*, **2017**, 10, 4537-4560	4	12
96	Land-use choices follow profitability at the expense of ecological functions in Indonesian smallholder landscapes. *Nature Communications*, **2016**, 7, 13137	17.4	116
95	Testing the applicability of BIOME-BGC to simulate beech gross primary production in Europe using a new continental weather dataset. *Annals of Forest Science*, **2016**, 73, 713-727	3.1	6
94	Water scarcity and oil palm expansion: social views and environmental processes. *Ecology and Society*, **2016**, 21,	4.1	54
93	Evaluating the performance of land surface model ORCHIDEE-CAN v1.0 on water and energy flux estimation with a single- and multi-layer energy budget scheme. *Geoscientific Model Development*, **2016**, 9, 2951-2972	6.3	36
92	The Water Isotopic Version of the Land-Surface Model ORCHIDEE: Implementation, Evaluation, Sensitivity to Hydrological Parameters. *Hydrology Current Research*, **2016**, 07,		20
91	Validation of 3D-CMCC Forest Ecosystem Model (v.5.1) against eddy covariance data for 10 European forest sites. *Geoscientific Model Development*, **2016**, 9, 479-504	6.3	25
90	Remotely-sensed detection of effects of extreme droughts on gross primary production. *Scientific Reports*, **2016**, 6, 28269	4.9	48
89	Ecological and socio-economic functions across tropical land use systems after rainforest conversion. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2016**, 371,	5.8	143
88	Interpreting canopy development and physiology using a European phenology camera network at flux sites. *Biogeosciences*, **2015**, 12, 5995-6015	4.6	77
87	Response of CO₂ and H₂O fluxes in a mountainous tropical rainforest in equatorial Indonesia to El Niño events. *Biogeosciences*, **2015**, 12, 6655-6667	4.6	10
86	Transpiration in an oil palm landscape: effects of palm age. *Biogeosciences*, **2015**, 12, 5619-5633	4.6	31
85	A sub-canopy structure for simulating oil palm in the Community Land Model (CLM-Palm): phenology, allocation and yield. *Geoscientific Model Development*, **2015**, 8, 3785-3800	6.3	28
84	Differences in carbon uptake and water use between a managed and an unmanaged beech forest in central Germany. *Forest Ecology and Management*, **2015**, 355, 101-108	3.9	30

83	Land management and land-cover change have impacts of similar magnitude on surface temperature. *Nature Climate Change*, **2014**, 4, 389-393	21.4	304
82	Carbon isotope discrimination during branch photosynthesis of Fagus sylvatica: a Bayesian modelling approach. *Plant, Cell and Environment*, **2014**, 37, 1516-35	8.4	10
81	Vegetation-specific model parameters are not required for estimating gross primary production. *Ecological Modelling*, **2014**, 292, 1-10	3	32
80	The impact of extreme summer drought on the short-term carbon coupling of photosynthesis to soil CO₂ efflux in a temperate grassland. *Biogeosciences*, **2014**, 11, 961-975	4.6	35
79	Forest summer albedo is sensitive to species and thinning: how should we account for this in Earth system models?. *Biogeosciences*, **2014**, 11, 2411-2427	4.6	22
78	Carbon isotope discrimination during branch photosynthesis of Fagus sylvatica: field measurements using laser spectrometry. *Journal of Experimental Botany*, **2014**, 65, 1481-96	7	6
77	Soil H□O labelling reveals the effect of drought on C□O fluxes to the atmosphere. *Journal of Experimental Botany*, **2014**, 65, 5783-93	7	4
76	The effect of physical back-diffusion of 13CO2 tracer on the coupling between photosynthesis and soil CO2 efflux in grassland. *Isotopes in Environmental and Health Studies*, **2014**, 50, 514-515	1.5	2
75	The effect of physical back-diffusion of 13CO2 tracer on the coupling between photosynthesis and soil CO2 efflux in grassland. *Isotopes in Environmental and Health Studies*, **2014**, 50, 497-513	1.5	7
74	Allometric relationships of frequently used shade tree species in cacao agroforestry systems in Sulawesi, Indonesia. *Agroforestry Systems*, **2013**, 87, 857-870	2	6
73	A data-driven analysis of energy balance closure across FLUXNET research sites: The role of landscape scale heterogeneity. *Agricultural and Forest Meteorology*, **2013**, 171-172, 137-152	5.8	342
72	Water supply patterns over Germany under climate change conditions. *Biogeosciences*, **2013**, 10, 2959-2972	4.6	7
71	Hydrologic control of the oxygen isotope ratio of ecosystem respiration in a semi-arid woodland. *Biogeosciences*, **2013**, 10, 4937-4956	4.6	5
70	Effects of canopy photosynthesis saturation on the estimation of gross primary productivity from MODIS data in a tropical forest. *Remote Sensing of Environment*, **2012**, 121, 252-260	13.2	47
69	Eddy covariance measurements of CO2 isotopologues with a quantum cascade laser absorption spectrometer. *Agricultural and Forest Meteorology*, **2012**, 152, 73-82	5.8	56
68	Preface "Stable Isotopes and Biogeochemical Cycles in Terrestrial Ecosystems□ *Biogeosciences*, **2012**, 9, 3979-3981	4.6	3
67	Measuring variations of ¹⁸O and ²H in atmospheric water vapour using two commercial laser-based spectrometers: an instrument characterisation study. *Atmospheric Measurement Techniques*, **2012**, 5, 1491-1511	4	91
66	Measuring variations of ¹⁸O and ²H in atmospheric water vapour using laser spectroscopy: an instrument characterisation study **2012**,		3

65	Integration of MODIS land and atmosphere products with a coupled-process model to estimate gross primary productivity and evapotranspiration from 1 km to global scales. *Global Biogeochemical Cycles*, **2011**, 25, n/a-n/a	5.9	251
64	Seasonal variation of photosynthetic model parameters and leaf area index from global Fluxnet eddy covariance data. *Journal of Geophysical Research*, **2011**, 116,		32
63	Application of a quantum cascade laser-based spectrometer in a closed chamber system for real-time δ13C and δ18O measurements of soil-respired CO2. *Agricultural and Forest Meteorology*, **2011**, 151, 39-48	5.8	34
62	Estimations of total ecosystem carbon pools distribution and carbon biomass current annual increment of a moist tropical forest. *Forest Ecology and Management*, **2011**, 261, 1448-1459	3.9	61
61	Controls on winter ecosystem respiration in temperate and boreal ecosystems. *Biogeosciences*, **2011**, 8, 2009-2025	4.6	35
60	Carbon allocation and carbon isotope fluxes in the plant-soil-atmosphere continuum: a review. *Biogeosciences*, **2011**, 8, 3457-3489	4.6	229
59	The diel imprint of leaf metabolism on the δ13 C signal of soil respiration under control and drought conditions. *New Phytologist*, **2011**, 192, 925-938	9.8	61
58	Global change: indirect feedbacks to rising CO2. *Nature*, **2011**, 475, 177-8	50.4	20
57	Soil matrix tracer contamination and canopy recycling did not impair □□CO□plant-soil pulse labelling experiments. *Isotopes in Environmental and Health Studies*, **2011**, 47, 359-71	1.5	9
56	Water vapor ²H and ¹⁸O measurements using off-axis integrated cavity output spectroscopy. *Atmospheric Measurement Techniques*, **2010**, 3, 67-77	4	80
55	The influence of climate and fructification on the inter-annual variability of stem growth and net primary productivity in an old-growth, mixed beech forest. *Tree Physiology*, **2010**, 30, 689-704	4.2	103
54	Climate control of terrestrial carbon exchange across biomes and continents. *Environmental Research Letters*, **2010**, 5, 034007	6.2	116
53	Environmental variables controlling soil respiration on diurnal, seasonal and annual time-scales in a mixed mountain forest in Switzerland. *Biogeochemistry*, **2010**, 98, 153-170	3.8	62
52	Biosphere□Atmosphere Exchange of Old-Growth Forests: Processes and Pattern. *Ecological Studies*, **2009**, 141-158	1.1	4
51	Intra-annual variability of anatomical structure and delta(13)C values within tree rings of spruce and pine in alpine, temperate and boreal Europe. *Oecologia*, **2009**, 161, 729-45	2.9	70
50	Temporal and among-site variability of inherent water use efficiency at the ecosystem level. *Global Biogeochemical Cycles*, **2009**, 23, n/a-n/a	5.9	304
49	Why are non-photosynthetic tissues generally C enriched compared with leaves in C plants? Review and synthesis of current hypotheses. *Functional Plant Biology*, **2009**, 36, 199-213	2.7	304
48	Temperate and Boreal Old-Growth Forests: How do Their Growth Dynamics and Biodiversity Differ from Young Stands and Managed Forests?. *Ecological Studies*, **2009**, 343-366	1.1	15

47	Old-growth forests as global carbon sinks. *Nature*, **2008**, 455, 213-5	50.4	1110
46	Effects of diffuse radiation on canopy gas exchange processes in a forest ecosystem. *Journal of Geophysical Research*, **2008**, 113, n/a-n/a		148
45	Understanding the Stable Isotope Composition of Biosphere-Atmosphere CO2 Exchange. *Eos*, **2008**, 89, 94	1.5	15
44	Advection and resulting CO2 exchange uncertainty in a tall forest in central Germany **2008**, 18, 1391-405		61
43	Quality control of CarboEurope flux data Part 1: Coupling footprint analyses with flux data quality assessment to evaluate sites in forest ecosystems. *Biogeosciences*, **2008**, 5, 433-450	4.6	164
42	Representative estimates of soil and ecosystem respiration in an old beech forest. *Plant and Soil*, **2008**, 302, 189-202	4.2	64
41	Reduction of ecosystem productivity and respiration during the European summer 2003 climate anomaly: a joint flux tower, remote sensing and modelling analysis. *Global Change Biology*, **2007**, 13, 634-651	11.4	423
40	Linking flux network measurements to continental scale simulations: ecosystem carbon dioxide exchange capacity under non-water-stressed conditions. *Global Change Biology*, **2007**, 13, 734-760	11.4	74
39	Determinants of terrestrial ecosystem carbon balance inferred from European eddy covariance flux sites. *Geophysical Research Letters*, **2007**, 34,	4.9	195
38	Stable Isotopes as Indicators, Tracers, and Recorders of Ecological Change: Synthesis and Outlook. *Journal of Nano Education (Print)*, **2007**, 1, 399-405		
37	Evidence for soil water control on carbon and water dynamics in European forests during the extremely dry year: 2003. *Agricultural and Forest Meteorology*, **2007**, 143, 123-145	5.8	427
36	Linking flux network measurements to continental scale simulations: ecosystem carbon dioxide exchange capacity under non-water-stressed conditions. *Global Change Biology*, **2007**, 070621084512032-???	11.4	
35	Influence of nutrient availability, stand age, and canopy structure on isoprene flux in a Eucalyptus saligna experimental forest. *Journal of Geophysical Research*, **2006**, 111, n/a-n/a		22
34	Short-term changes in carbon isotope composition of soluble carbohydrates and starch: from canopy leaves to the root system. *Rapid Communications in Mass Spectrometry*, **2006**, 20, 653-60	2.2	85
33	Use of remotely sensed land use classification for a better evaluation of micrometeorological flux measurement sites. *Theoretical and Applied Climatology*, **2006**, 84, 219-233	3	20
32	Inter-annual and seasonal variability of radial growth, wood density and carbon isotope ratios in tree rings of beech (Fagus sylvatica) growing in Germany and Italy. *Trees - Structure and Function*, **2006**, 20, 571-586	2.6	124
31	Partitioning the net CO2 flux of a deciduous forest into respiration and assimilation using stable carbon isotopes. *Global Biogeochemical Cycles*, **2005**, 19, n/a-n/a	5.9	54
30	On the separation of net ecosystem exchange into assimilation and ecosystem respiration: review and improved algorithm. *Global Change Biology*, **2005**, 11, 1424-1439	11.4	2253

29	Pan-European 13C values of air and organic matter from forest ecosystems. *Global Change Biology*, **2005**, 11, 1065-1093	11.4	54
28	Europe-wide reduction in primary productivity caused by the heat and drought in 2003. *Nature*, **2005**, 437, 529-33	50.4	2643
27	Predicting the onset of net carbon uptake by deciduous forests with soil temperature and climate data: a synthesis of FLUXNET data. *International Journal of Biometeorology*, **2005**, 49, 377-87	3.7	148
26	Short-term variations in delta(13)C of ecosystem respiration reveals link between assimilation and respiration in a deciduous forest. *Oecologia*, **2005**, 142, 70-82	2.9	127
25	Quality analysis applied on eddy covariance measurements at complex forest sites using footprint modelling. *Theoretical and Applied Climatology*, **2005**, 80, 121-141	3	153
24	Forest and agricultural land-use-dependent CO2 exchange in Thuringia, Germany. *Global Change Biology*, **2004**, 10, 2005-2019	11.4	126
23	Kel-F discs improve storage time of canopy air samples in 10-mL vials for CO2-delta13C analysis. *Rapid Communications in Mass Spectrometry*, **2004**, 18, 1663-5	2.2	33
22	Large carbon uptake by an unmanaged 250-year-old deciduous forest in Central Germany. *Agricultural and Forest Meteorology*, **2003**, 118, 151-167	5.8	263
21	Remote sensing of photosynthetic-light-use efficiency of a Siberian boreal forest. *Tellus, Series B: Chemical and Physical Meteorology*, **2002**, 54, 677-687	3.3	69
20	. *Tellus, Series B: Chemical and Physical Meteorology*, **2002**, 54, 552-567	3.3	38
19	Annual ecosystem respiration budget for a Pinus sylvestris stand in central Siberia. *Tellus, Series B: Chemical and Physical Meteorology*, **2002**, 54, 568-589	3.3	32
18	Carbon dioxide exchange of a Russian boreal forest after disturbance by wind throw. *Global Change Biology*, **2002**, 8, 231-246	11.4	96
17	Annual ecosystem respiration budget for a Pinus sylvestris stand in central Siberia. *Tellus, Series B: Chemical and Physical Meteorology*, **2002**, 54, 568-589	3.3	20
16	Remote sensing of photosynthetic-light-use efficiency of a Siberian boreal forest. *Tellus, Series B: Chemical and Physical Meteorology*, **2002**, 54, 677-687	3.3	30
15	Productivity of forests in the Eurosiberian boreal region and their potential to act as a carbon sink a synthesis. *Global Change Biology*, **1999**, 5, 703-722	11.4	304
14	Water vapor ²H and ¹⁸O measurements using off-axis integrated cavity output spectroscopy		6
13	Expansion of oil palm and other cash crops causes an increase of land surface temperature in Indonesia		3
12	Impacts of droughts and extreme temperature events on gross primary production and ecosystem respiration: a systematic assessment across ecosystems and climate zones		3

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8	Interpreting canopy development and physiology using the EUROPhen camera network at flux sites	12
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6	Quality control of CarboEurope flux data – Part I: Footprint analyses to evaluate sites in forest ecosystems	8
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2	Are vegetation-specific model parameters required for estimating gross primary production?	2
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