

# Anne Griebel

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4538922/publications.pdf>

Version: 2024-02-01

27  
papers

1,444  
citations

516710

16  
h-index

501196

28  
g-index

33  
all docs

33  
docs citations

33  
times ranked

2472  
citing authors

#	ARTICLE	IF	CITATIONS
1	The FLUXNET2015 dataset and the ONEFlux processing pipeline for eddy covariance data. <i>Scientific Data</i> , 2020, 7, 225.	5.3	646
2	An introduction to the Australian and New Zealand flux tower network “OzFlux. <i>Biogeosciences</i> , 2016, 13, 5895-5916.	3.3	159
3	Global transpiration data from sap flow measurements: the SAPFLUXNET database. <i>Earth System Science Data</i> , 2021, 13, 2607-2649.	9.9	65
4	Examining the evidence for decoupling between photosynthesis and transpiration during heat extremes. <i>Biogeosciences</i> , 2019, 16, 903-916.	3.3	54
5	Carbon uptake and water use in woodlands and forests in southern Australia during an extreme heat wave event in the “Angry Summer” of 2012/2013. <i>Biogeosciences</i> , 2016, 13, 5947-5964.	3.3	48
6	Mistletoe, friend and foe: synthesizing ecosystem implications of mistletoe infection. <i>Environmental Research Letters</i> , 2017, 12, 115012.	5.2	43
7	Effects of inhomogeneities within the flux footprint on the interpretation of seasonal, annual, and interannual ecosystem carbon exchange. <i>Agricultural and Forest Meteorology</i> , 2016, 221, 50-60.	4.8	40
8	Reliability and limitations of a novel terrestrial laser scanner for daily monitoring of forest canopy dynamics. <i>Remote Sensing of Environment</i> , 2015, 166, 205-213.	11.0	37
9	Bridging Thermal Infrared Sensing and Physically-Based Evapotranspiration Modeling: From Theoretical Implementation to Validation Across an Aridity Gradient in Australian Ecosystems. <i>Water Resources Research</i> , 2018, 54, 3409-3435.	4.2	36
10	Can UAV-Based Infrared Thermography Be Used to Study Plant-Parasite Interactions between Mistletoe and Eucalypt Trees?. <i>Remote Sensing</i> , 2018, 10, 2062.	4.0	33
11	Upside-down fluxes Down Under: CO <sub>2</sub> net sink in winter and net source in summer in a temperate evergreen broadleaf forest. <i>Biogeosciences</i> , 2018, 15, 3703-3716.	3.3	28
12	Evergreen and ever growing “Stem and canopy growth dynamics of a temperate eucalypt forest. <i>Forest Ecology and Management</i> , 2017, 389, 417-426.	3.2	22
13	Decoupling between ecosystem photosynthesis and transpiration: a last resort against overheating. <i>Environmental Research Letters</i> , 2022, 17, 044013.	5.2	22
14	Spatio-temporal transpiration patterns reflect vegetation structure in complex upland terrain. <i>Science of the Total Environment</i> , 2019, 694, 133551.	8.0	20
15	Thermal optima of gross primary productivity are closely aligned with mean air temperatures across Australian wooded ecosystems. <i>Global Change Biology</i> , 2021, 27, 4727-4744.	9.5	19
16	Trading Water for Carbon: Maintaining Photosynthesis at the Cost of Increased Water Loss During High Temperatures in a Temperate Forest. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2020, 125, e2019JG005239.	3.0	16
17	Generating Spatially Robust Carbon Budgets From Flux Tower Observations. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL085942.	4.0	15
18	Bridge to the future: Important lessons from 20 years of ecosystem observations made by the OzFlux network. <i>Global Change Biology</i> , 2022, 28, 3489-3514.	9.5	14

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19	Using a paired tower approach and remote sensing to assess carbon sequestration and energy distribution in a heterogeneous sclerophyll forest. <i>Science of the Total Environment</i> , 2020, 699, 133918.	8.0	13
20	Global application of an unoccupied aerial vehicle photogrammetry protocol for predicting aboveground biomass in non-forest ecosystems. <i>Remote Sensing in Ecology and Conservation</i> , 2022, 8, 57-71.	4.3	13
21	Drought-related leaf functional traits control spatial and temporal dynamics of live fuel moisture content. <i>Agricultural and Forest Meteorology</i> , 2022, 319, 108941.	4.8	11
22	Recovery from Severe Mistletoe Infection After Heat- and Drought-Induced Mistletoe Death. <i>Ecosystems</i> , 2022, 25, 1-16.	3.4	9
23	Tapping into the physiological responses to mistletoe infection during heat and drought stress. <i>Tree Physiology</i> , 2022, 42, 523-536.	3.1	8
24	Relationships of intra-annual stem growth with climate indicate distinct growth niches for two co-occurring temperate eucalypts. <i>Science of the Total Environment</i> , 2019, 690, 991-1004.	8.0	6
25	The carbon cost of the 2019-20 Australian fires varies with fire severity and forest type. <i>Global Ecology and Biogeography</i> , 2022, 31, 2131-2146.	5.8	3
26	Remarkable Resilience of Forest Structure and Biodiversity Following Fire in the Peri-Urban Bushland of Sydney, Australia. <i>Climate</i> , 2022, 10, 86.	2.8	3
27	Species and Competition Interact to Influence Seasonal Stem Growth in Temperate Eucalypts. <i>Forests</i> , 2022, 13, 224.	2.1	1