

Tea Thum

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,274
citations

471371

17
h-index

642610

23
g-index

48
all docs

48
docs citations

48
times ranked

2743
citing authors

#	ARTICLE	IF	CITATIONS
1	Parametrization of two photosynthesis models at the canopy scale in a northern boreal Scots pine forest. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 59, 847.	0.8	54
2	Spring initiation and autumn cessation of boreal coniferous forest CO ₂ exchange assessed by meteorological and biological variables. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 61, 701.	0.8	31
3	Long-term ecosystem nitrogen limitation from foliar ¹⁵ N data and a land surface model. <i>Global Change Biology</i> , 2022, 28, 493-508.	4.2	7
4	Temperature Control of Spring CO ₂ Fluxes at a Coniferous Forest and a Peat Bog in Central Siberia. <i>Atmosphere</i> , 2021, 12, 984.	1.0	6
5	Whole-plant optimality predicts changes in leaf nitrogen under variable CO ₂ and nutrient availability. <i>New Phytologist</i> , 2020, 225, 2331-2346.	3.5	27
6	Evaluating two soil carbon models within the global land surface model JSBACH using surface and spaceborne observations of atmospheric CO ₂ . <i>Biogeosciences</i> , 2020, 17, 5721-5743.	1.3	6
7	Parameter calibration and stomatal conductance formulation comparison for boreal forests with adaptive population importance sampler in the land surface model JSBACH. <i>Geoscientific Model Development</i> , 2019, 12, 4075-4098.	1.3	10
8	A new model of the coupled carbon, nitrogen, and phosphorus cycles in the terrestrial biosphere (QUINCY v1.0; revision 1996). <i>Geoscientific Model Development</i> , 2019, 12, 4781-4802.	1.3	39
9	Modelling sun-induced fluorescence and photosynthesis with a land surface model at local and regional scales in northern Europe. <i>Biogeosciences</i> , 2017, 14, 1969-1987.	1.3	40
10	Response of water use efficiency to summer drought in a boreal Scots pine forest in Finland. <i>Biogeosciences</i> , 2017, 14, 4409-4422.	1.3	30
11	Assessing various drought indicators in representing summer drought in boreal forests in Finland. <i>Hydrology and Earth System Sciences</i> , 2016, 20, 175-191.	1.9	36
12	Evaluating Biosphere Model Estimates of the Start of the Vegetation Active Season in Boreal Forests by Satellite Observations. <i>Remote Sensing</i> , 2016, 8, 580.	1.8	17
13	Satellite chlorophyll fluorescence measurements reveal large-scale decoupling of photosynthesis and greenness dynamics in boreal evergreen forests. <i>Global Change Biology</i> , 2016, 22, 2979-2996.	4.2	225
14	Strong dependence of CO ₂ emissions from anthropogenic land cover change on initial land cover and soil carbon parametrization. <i>Global Biogeochemical Cycles</i> , 2015, 29, 1511-1523.	1.9	63
15	Soil carbon model alternatives for ECHAM5/JSBACH climate model: Evaluation and impacts on global carbon cycle estimates. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	35
16	Leaf litter decomposition—Estimates of global variability based on Yasso07 model. <i>Ecological Modelling</i> , 2009, 220, 3362-3371.	1.2	187
17	Assessing seasonality of biochemical CO ₂ exchange model parameters from micrometeorological flux observations at boreal coniferous forest. <i>Biogeosciences</i> , 2008, 5, 1625-1639.	1.3	31
18	Micrometeorological Measurements of Methane and Carbon Dioxide Fluxes at a Municipal Landfill. <i>Environmental Science & Technology</i> , 2007, 41, 2717-2722.	4.6	82

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19	Remote sensing of sunlight-induced chlorophyll fluorescence and reflectance of Scots pine in the boreal forest during spring recovery. <i>Remote Sensing of Environment</i> , 2005, 96, 37-48.	4.6	98
20	Temperature dependence of leaf-level CO ₂ fixation: revising biochemical coefficients through analysis of leaf three-dimensional structure. <i>New Phytologist</i> , 2005, 166, 205-215.	3.5	21
21	Nitrous Oxide Emissions from a Municipal Landfill. <i>Environmental Science & Technology</i> , 2005, 39, 7790-7793.	4.6	89
22	Measuring methane emissions from a landfill using a cost-effective micrometeorological method. <i>Geophysical Research Letters</i> , 2005, 32, n/a-n/a.	1.5	36
23	Atmospheric particle formation events at Årri measurement station in Finnish Lapland 1998-2002. <i>Atmospheric Chemistry and Physics</i> , 2004, 4, 2015-2023.	1.9	92