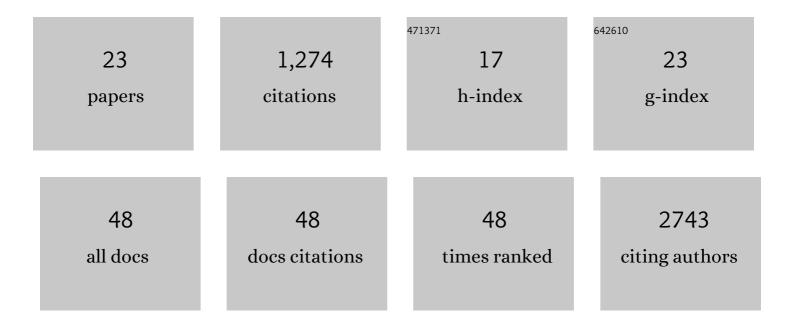
Tea Thum

List of Publications by Year in descending order

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Τελ ΤΗΠΜ

#	Article	IF	CITATIONS
1	Parametrization of two photosynthesis models at the canopy scale in a northern boreal Scots pine forest. Tellus, Series B: Chemical and Physical Meteorology, 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. Tellus, Series B: Chemical and Physical Meteorology, 2022, 61, 701.	0.8	31
3	Longâ€ŧerm ecosystem nitrogen limitation from foliar δ ¹⁵ N data and a land surface model. Global Change Biology, 2022, 28, 493-508.	4.2	7
4	Temperature Control of Spring CO2 Fluxes at a Coniferous Forest and a Peat Bog in Central Siberia. Atmosphere, 2021, 12, 984.	1.0	6
5	Wholeâ€plant optimality predicts changes in leaf nitrogen under variable <scp>CO</scp> ₂ and nutrient availability. New Phytologist, 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 . Biogeosciences, 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. Geoscientific Model Development, 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). Geoscientific Model Development, 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. Biogeosciences, 2017, 14, 1969-1987.	1.3	40
10	Response of water use efficiency to summer drought in aÂboreal Scots pine forest in Finland. Biogeosciences, 2017, 14, 4409-4422.	1.3	30
11	Assessing various drought indicators in representing summer drought in boreal forests in Finland. Hydrology and Earth System Sciences, 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. Remote Sensing, 2016, 8, 580.	1.8	17
13	Satellite chlorophyll fluorescence measurements reveal largeâ€scale decoupling of photosynthesis and greenness dynamics in boreal evergreen forests. Global Change Biology, 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. Global Biogeochemical Cycles, 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. Journal of Geophysical Research, 2011, 116, .	3.3	35
16	Leaf litter decomposition—Estimates of global variability based on Yasso07 model. Ecological Modelling, 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. Biogeosciences, 2008, 5, 1625-1639.	1.3	31
18	Micrometeorological Measurements of Methane and Carbon Dioxide Fluxes at a Municipal Landfill. Environmental Science & Technology, 2007, 41, 2717-2722.	4.6	82

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