

Antoon Gca Meesters

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,674
citations

623699

14
h-index

610883

24
g-index

33
all docs

33
docs citations

33
times ranked

2753
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluating surface renewal models for estimating sensible heat flux above and within a coffee agroforestry system. <i>Agricultural and Forest Meteorology</i> , 2021, 308-309, 108598.	4.8	0
2	The regional European atmospheric transport inversion comparison, EUROCOM: first results on European-wide terrestrial carbon fluxes for the period 2006–2015. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 12063-12091.	4.9	31
3	Soil Evaporation in a Shaded Coffee Plantation Derived From Eddy Covariance Measurements. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2019, 124, 1472-1490.	3.0	6
4	Are strong fire–vegetation feedbacks needed to explain the spatial distribution of tropical tree cover?. <i>Global Ecology and Biogeography</i> , 2016, 25, 16-25.	5.8	11
5	An objective prior error quantification for regional atmospheric inverse applications. <i>Biogeosciences</i> , 2015, 12, 7403-7421.	3.3	17
6	Soil CO ₂ exchange in seven pristine Amazonian rain forest sites in relation to soil temperature. <i>Agricultural and Forest Meteorology</i> , 2014, 192-193, 96-107.	4.8	16
7	Iconic CO ₂ Time Series at Risk. <i>Science</i> , 2012, 337, 1038-1040.	12.6	15
8	Inverse carbon dioxide flux estimates for the Netherlands. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	24
9	Global land-surface evaporation estimated from satellite-based observations. <i>Hydrology and Earth System Sciences</i> , 2011, 15, 453-469.	4.9	1,069
10	A comparison of different inverse carbon flux estimation approaches for application on a regional domain. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 10349-10365.	4.9	21
11	Error Estimates for Near-Real-Time Satellite Soil Moisture as Derived From the Land Parameter Retrieval Model. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2011, 8, 779-783.	3.1	102
12	Comment on ‘‘Biotic pump of atmospheric moisture as driver of the hydrological cycle on land’’ by A. M. Makarieva and V. G. Gorshkov, <i>Hydrol. Earth Syst. Sci.</i> , 11, 1013–1033, 2007. <i>Hydrology and Earth System Sciences</i> , 2009, 13, 1299-1305.	4.9	21
13	Modelling regional scale surface fluxes, meteorology and CO ₂ mixing ratios for the Cabauw tower in the Netherlands. <i>Biogeosciences</i> , 2009, 6, 2265-2280.	3.3	38
14	Mass conservation above slopes in the Regional Atmospheric Modelling System (RAMS). <i>Environmental Fluid Mechanics</i> , 2008, 8, 239-248.	1.6	9
15	Optimum vegetation characteristics, assimilation, and transpiration during a dry season: 1. Model description. <i>Water Resources Research</i> , 2008, 44, .	4.2	14
16	Optimum vegetation characteristics, assimilation, and transpiration during a dry season: 2. Model evaluation. <i>Water Resources Research</i> , 2008, 44, .	4.2	6
17	Modelling representation errors of atmospheric CO ₂ mixing ratios at a regional scale. <i>Atmospheric Chemistry and Physics</i> , 2008, 8, 6587-6596.	4.9	41
18	Atmospheric CO ₂ modeling at the regional scale: an intercomparison of 5 meso-scale atmospheric models. <i>Biogeosciences</i> , 2007, 4, 1115-1126.	3.3	55

#	ARTICLE	IF	CITATIONS
19	Estimating fog deposition at a Puerto Rican elfin cloud forest site: comparison of the water budget and eddy covariance methods. <i>Hydrological Processes</i> , 2006, 20, 2669-2692.	2.6	87
20	A noniterative solution of the (U-Th)/He age equation. <i>Geochemistry, Geophysics, Geosystems</i> , 2005, 6, n/a-n/a.	2.5	25
21	Response of the longwave radiation over melting snow and ice to atmospheric warming. <i>Journal of Glaciology</i> , 1997, 43, 66-70.	2.2	6
22	Turbulence Observations Above a Smooth Melting Surface on the Greenland Ice Sheet. <i>Boundary-Layer Meteorology</i> , 1997, 85, 81-110.	2.3	24
23	The Composite Horizontal Wind Field within Convective Structures of the Atmospheric Surface Layer. <i>Journals of the Atmospheric Sciences</i> , 1995, 52, 3866-3878.	1.7	6
24	Characteristics of Convective Turbulence in the Surface Layer Investigated by Principal Component Analysis. <i>Journal of Applied Meteorology and Climatology</i> , 1995, 34, 528-541.	1.7	7
25	Dependence of the energy balance of the Greenland ice sheet on climate change: Influence of katabatic wind and tundra. <i>Quarterly Journal of the Royal Meteorological Society</i> , 1994, 120, 491-517.	2.7	18