Ivonne Trebs

List of Publications by Year in descending order

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27 papers	1,592 citations	430874 18 h-index	526287 27 g-index
28 all docs	28 docs citations	28 times ranked	2808 citing authors

#	Article	IF	Citations
1	Downwelling longwave radiation and sensible heat flux observations are critical for surface temperature and emissivity estimation from flux tower data. Scientific Reports, 2022, 12, .	3.3	3
2	The role of aerodynamic resistance in thermal remote sensing-based evapotranspiration models. Remote Sensing of Environment, 2021, 264, 112602.	11.0	22
3	Immission and Dry Deposition. Springer Handbooks, 2021, , 1445-1471.	0.6	2
4	Thermal and Shortwave Infrared Remote Sensing of Ecosystem Processes: Opportunities, Synergies, and Challenges. , 2021, , .		1
5	Using phase lags to evaluate model biases in simulating the diurnal cycle of evapotranspiration: a case study in Luxembourg. Hydrology and Earth System Sciences, 2019, 23, 515-535.	4.9	21
6	Soil HONO emissions at high moisture content are driven by microbial nitrate reduction to nitrite: tackling the HONO puzzle. ISME Journal, 2019, 13, 1688-1699.	9.8	57
7	Incorporating a root water uptake model based on the hydraulic architecture approach in terrestrial systems simulations. Agricultural and Forest Meteorology, 2019, 269-270, 28-45.	4.8	28
8	Bridging Thermal Infrared Sensing and Physicallyâ€Based Evapotranspiration Modeling: From Theoretical Implementation to Validation Across an Aridity Gradient in Australian Ecosystems. Water Resources Research, 2018, 54, 3409-3435.	4.2	36
9	Flux-variance and flux-gradient relationships in the roughness sublayer over the Amazon forest. Agricultural and Forest Meteorology, 2017, 239, 213-222.	4.8	25
10	Nitrogen oxides and ozone fluxes from an oilseed-rape management cycle: the influence of cattle slurry application. Biogeosciences, 2017, 14, 2225-2244.	3.3	14
11	Canopy-scale biophysical controls of transpiration and evaporation in the Amazon Basin. Hydrology and Earth System Sciences, 2016, 20, 4237-4264.	4.9	62
12	Investigation of the influence of liquid surface films on O₃ and PAN deposition to plant leaves coated with organic/inorganic solution. Journal of Geophysical Research D: Atmospheres, 2016, 121, 14,239.	3.3	24
13	Scalar turbulent behavior in the roughness sublayer of an Amazonian forest. Atmospheric Chemistry and Physics, 2016, 16, 11349-11366.	4.9	19
14	A user-driven case-based reasoning tool for infilling missing values in daily mean river flow records. Environmental Modelling and Software, 2016, 82, 308-320.	4.5	18
15	Reintroducing radiometric surface temperature into the <scp>P</scp>enmanâ€<scp>M</scp>onteith formulation. Water Resources Research, 2015, 51, 6214-6243.	4.2	49
16	Novel Tracer Method To Measure Isotopic Labeled Gas-Phase Nitrous Acid (HO¹⁵NO) in Biogeochemical Studies. Environmental Science & Technology, 2014, 48, 8021-8027.	10.0	19
17	N2O consumption by low-nitrogen soil and its regulation by water and oxygen. Soil Biology and Biochemistry, 2013, 60, 165-172.	8.8	73
18	Assessment of the total, stomatal, cuticular, and soil 2â€‰year ozone budgets of an agricultural field with winter wheat and maize crops. Journal of Geophysical Research G: Biogeosciences, 2013, 118, 1120-1132.	3.0	21

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19	Impact of the Manaus urban plume on trace gas mixing ratios near the surface in the Amazon Basin: Implications for the NOâ€NO₂â€O₃ photostationary state and peroxy radical levels. Journal of Geophysical Research, 2012, 117, .	3.3	29
20	Soil Nitrite as a Source of Atmospheric HONO and OH Radicals. Science, 2011, 333, 1616-1618.	12.6	431
21	Sources and properties of Amazonian aerosol particles. Reviews of Geophysics, 2010, 48, .	23.0	283
22	An Automated Analyzer to Measure Surface-Atmosphere Exchange Fluxes of Water Soluble Inorganic Aerosol Compounds and Reactive Trace Gases. Environmental Science & Technology, 2009, 43, 1412-1418.	10.0	78
23	Aerosol Inorganic Composition at a Tropical Site: Discrepancies Between Filter-Based Sampling and a Semi-Continuous Method. Aerosol Science and Technology, 2008, 42, 255-269.	3.1	10
24	Overview of the inorganic and organic composition of size-segregated aerosol in RondÃ´nia, Brazil, from the biomass-burning period to the onset of the wet season. Journal of Geophysical Research, 2007, 112, .	3.3	128
25	Urban influences on the nitrogen cycle in Puerto Rico. Biogeochemistry, 2006, 79, 109-133.	3.5	37
26	The NH4+-NO3â˜'-Clâ˜'-SO42â˜'-H2O aerosol system and its gas phase precursors at a pasture site in the Amazon Basin: How relevant are mineral cations and soluble organic acids?. Journal of Geophysical Research, 2005, 110, .	3.3	94
27	EvidÃªncia observacional das brisas do lago de Balbina (Amazonas) e seus efeitos sobre a concentraÃ§Ã£o do ozÃ´nio. Acta Amazonica, 2004, 34, 605-611.	0.7	7