

Ivonne Trebs

List of Publications by Year in descending order

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Version: 2024-02-01

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	Soil Nitrite as a Source of Atmospheric HONO and OH Radicals. <i>Science</i> , 2011, 333, 1616-1618.	12.6	431
2	Sources and properties of Amazonian aerosol particles. <i>Reviews of Geophysics</i> , 2010, 48, .	23.0	283
3	Overview of the inorganic and organic composition of size-segregated aerosol in Rondônia, Brazil, from the biomass-burning period to the onset of the wet season. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	128
4	The NH ₄ ⁺ -NO ₃ ⁻ -Cl ⁻ -SO ₄ ²⁻ -H ₂ O aerosol system and its gas phase precursors at a pasture site in the Amazon Basin: How relevant are mineral cations and soluble organic acids?. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	94
5	An Automated Analyzer to Measure Surface-Atmosphere Exchange Fluxes of Water Soluble Inorganic Aerosol Compounds and Reactive Trace Gases. <i>Environmental Science & Technology</i> , 2009, 43, 1412-1418.	10.0	78
6	N ₂ O consumption by low-nitrogen soil and its regulation by water and oxygen. <i>Soil Biology and Biochemistry</i> , 2013, 60, 165-172.	8.8	73
7	Canopy-scale biophysical controls of transpiration and evaporation in the Amazon Basin. <i>Hydrology and Earth System Sciences</i> , 2016, 20, 4237-4264.	4.9	62
8	Soil HONO emissions at high moisture content are driven by microbial nitrate reduction to nitrite: tackling the HONO puzzle. <i>ISME Journal</i> , 2019, 13, 1688-1699.	9.8	57
9	Reintroducing radiometric surface temperature into the $\epsilon_{p,m}$ formulation. <i>Water Resources Research</i> , 2015, 51, 6214-6243.	4.2	49
10	Urban influences on the nitrogen cycle in Puerto Rico. <i>Biogeochemistry</i> , 2006, 79, 109-133.	3.5	37
11	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
12	Impact of the Manaus urban plume on trace gas mixing ratios near the surface in the Amazon Basin: Implications for the NO ₂ photostationary state and peroxy radical levels. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	29
13	Incorporating a root water uptake model based on the hydraulic architecture approach in terrestrial systems simulations. <i>Agricultural and Forest Meteorology</i> , 2019, 269-270, 28-45.	4.8	28
14	Flux-variance and flux-gradient relationships in the roughness sublayer over the Amazon forest. <i>Agricultural and Forest Meteorology</i> , 2017, 239, 213-222.	4.8	25
15	Investigation of the influence of liquid surface films on O ₃ and PAN deposition to plant leaves coated with organic/inorganic solution. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 14,239.	3.3	24
16	The role of aerodynamic resistance in thermal remote sensing-based evapotranspiration models. <i>Remote Sensing of Environment</i> , 2021, 264, 112602.	11.0	22
17	Assessment of the total, stomatal, cuticular, and soil %year ozone budgets of an agricultural field with winter wheat and maize crops. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2013, 118, 1120-1132.	3.0	21
18	Using phase lags to evaluate model biases in simulating the diurnal cycle of evapotranspiration: a case study in Luxembourg. <i>Hydrology and Earth System Sciences</i> , 2019, 23, 515-535.	4.9	21

#	ARTICLE	IF	CITATIONS
19	Novel Tracer Method To Measure Isotopic Labeled Gas-Phase Nitrous Acid (HO ¹⁵ NO) in Biogeochemical Studies. <i>Environmental Science & Technology</i> , 2014, 48, 8021-8027.	10.0	19
20	Scalar turbulent behavior in the roughness sublayer of an Amazonian forest. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 11349-11366.	4.9	19
21	A user-driven case-based reasoning tool for infilling missing values in daily mean river flow records. <i>Environmental Modelling and Software</i> , 2016, 82, 308-320.	4.5	18
22	Nitrogen oxides and ozone fluxes from an oilseed-rape management cycle: the influence of cattle slurry application. <i>Biogeosciences</i> , 2017, 14, 2225-2244.	3.3	14
23	Aerosol Inorganic Composition at a Tropical Site: Discrepancies Between Filter-Based Sampling and a Semi-Continuous Method. <i>Aerosol Science and Technology</i> , 2008, 42, 255-269.	3.1	10
24	Evidência observacional das brisas do lago de Balbina (Amazonas) e seus efeitos sobre a concentração do ozônio. <i>Acta Amazonica</i> , 2004, 34, 605-611.	0.7	7
25	Downwelling longwave radiation and sensible heat flux observations are critical for surface temperature and emissivity estimation from flux tower data. <i>Scientific Reports</i> , 2022, 12, .	3.3	3
26	Immission and Dry Deposition. <i>Springer Handbooks</i> , 2021, , 1445-1471.	0.6	2
27	Thermal and Shortwave Infrared Remote Sensing of Ecosystem Processes: Opportunities, Synergies, and Challenges. , 2021, , .		1