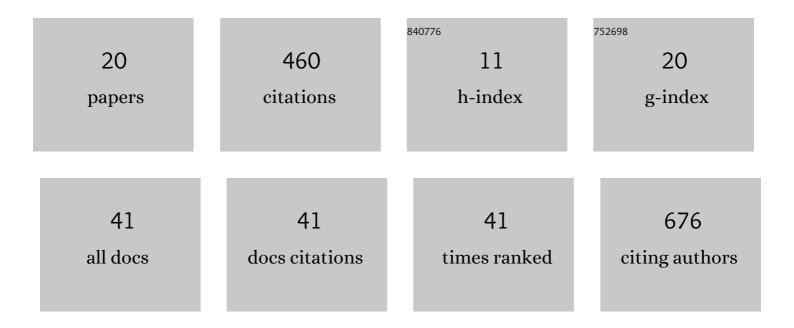
## Samuel E Leblanc

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7263649/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	An overview of the ORACLES (ObseRvations of Aerosols above CLouds and their intEractionS) project: aerosol–cloud–radiation interactions in the southeast Atlantic basin. Atmospheric Chemistry and Physics, 2021, 21, 1507-1563.	4.9	97
2	Intercomparison of biomass burning aerosol optical properties from in situ and remote-sensing instruments in ORACLES-2016. Atmospheric Chemistry and Physics, 2019, 19, 9181-9208.	4.9	69
3	Estimations of global shortwave direct aerosol radiative effects above opaque water clouds using a combination of A-Train satellite sensors. Atmospheric Chemistry and Physics, 2019, 19, 4933-4962.	4.9	34
4	Modeling the smoky troposphere of the southeast Atlantic: a comparison to ORACLES airborne observations from September of 2016. Atmospheric Chemistry and Physics, 2020, 20, 11491-11526.	4.9	32
5	A spectral method for discriminating thermodynamic phase and retrieving cloud optical thickness and effective radius using transmitted solar radiance spectra. Atmospheric Measurement Techniques, 2015, 8, 1361-1383.	3.1	23
6	Above-cloud aerosol optical depth from airborne observations in the southeast Atlantic. Atmospheric Chemistry and Physics, 2020, 20, 1565-1590.	4.9	23
7	Above-cloud aerosol radiative effects based on ORACLES 2016 and ORACLES 2017 aircraft experiments. Atmospheric Measurement Techniques, 2019, 12, 6505-6528.	3.1	18
8	Arctic Radiation-IceBridge Sea and Ice Experiment: The Arctic Radiant Energy System during the Critical Seasonal Ice Transition. Bulletin of the American Meteorological Society, 2017, 98, 1399-1426.	3.3	17
9	Exploring the elevated water vapor signal associated with the free tropospheric biomass burning plume over the southeast Atlantic Ocean. Atmospheric Chemistry and Physics, 2021, 21, 9643-9668.	4.9	17
10	Two decades observing smoke above clouds in the south-eastern Atlantic Ocean: Deep Blue algorithm updates and validation with ORACLES field campaign data. Atmospheric Measurement Techniques, 2019, 12, 3595-3627.	3.1	15
11	Spatiotemporal Heterogeneity of Aerosol and Cloud Properties Over the Southeast Atlantic: An Observational Analysis. Geophysical Research Letters, 2021, 48, e2020GL091469.	4.0	13
12	Impact of the variability in vertical separation between biomass burning aerosols and marine stratocumulus on cloud microphysical properties over the Southeast Atlantic. Atmospheric Chemistry and Physics, 2021, 21, 4615-4635.	4.9	12
13	Temporal and spatial variations of aerosol optical properties over the Korean peninsula during KORUS-AQ. Atmospheric Environment, 2021, 254, 118301.	4.1	10
14	Spectral aerosol direct radiative forcing from airborne radiative measurements during CalNex and ARCTAS. Journal of Geophysical Research, 2012, 117, .	3.3	7
15	Bias and Sensitivity of Boundary Layer Clouds and Surface Radiative Fluxes in MERRA-2 and Airborne Observations Over the Beaufort Sea During the ARISE Campaign. Journal of Geophysical Research D: Atmospheres, 2018, 123, 6565-6580.	3.3	7
16	Daytime aerosol optical depth above low-level clouds is similar to that in adjacent clear skies at the same heights: airborne observation above the southeast Atlantic. Atmospheric Chemistry and Physics, 2020, 20, 11275-11285.	4.9	7
17	Empirically derived parameterizations of the direct aerosol radiative effect based on ORACLES aircraft observations. Atmospheric Measurement Techniques, 2021, 14, 567-593.	3.1	5
	Biomass burning agrosol beating rates from the OPACLES (ObseRuations of Agrosols above Cloude) Ti ETOOO	0.0  rgBT / 0	warloch 10 Tf

Biomass burning aerosol heating rates from the ORACLES (ObseRvations of Aerosols above CLouds) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 3.1 5 61-77.

#	Article	IF	CITATIONS
19	Above-aircraft cirrus cloud and aerosol optical depth from hyperspectral irradiances measured by a total-diffuse radiometer. Atmospheric Measurement Techniques, 2022, 15, 1373-1394.	3.1	5
20	Airborne and ground-based measurements of aerosol optical depth of freshly emitted anthropogenic nlumes in the Athabasca Oil Sands Region, Atmospheric Chemistry and Physics, 2021, 21, 10671-10687	4.9	3

plumes in the Athabasca Oil Sands Region. Atmospheric Chemistry and Physics, 2021, 21, 10671-10687. 20