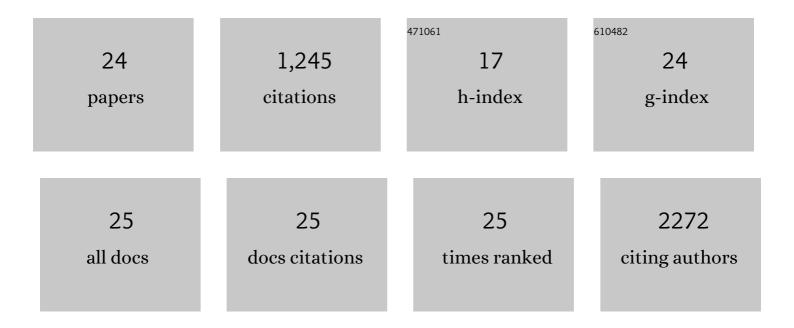
## Jean-Paul Vernier

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/346939/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Stratospheric aerosol-Observations, processes, and impact on climate. Reviews of Geophysics, 2016, 54, 278-335.	9.0	265
2	Total volcanic stratospheric aerosol optical depths and implications for global climate change. Geophysical Research Letters, 2014, 41, 7763-7769.	1.5	159
3	A global space-based stratospheric aerosol climatology: 1979–2016. Earth System Science Data, 2018, 10, 469-492.	3.7	141
4	Tropical stratospheric aerosol layer from CALIPSO lidar observations. Journal of Geophysical Research, 2009, 114, .	3.3	112
5	CALIPSO lidar calibration at 532 nm: versionÂ4 nighttime algorithm. Atmospheric Measurement Techniques, 2018, 11, 1459-1479.	1.2	70
6	Global Climate. Bulletin of the American Meteorological Society, 2020, 101, S9-S128.	1.7	61
7	An introduction to the SCOUT-AMMA stratospheric aircraft, balloons and sondes campaign in West Africa, August 2006: rationale and roadmap. Atmospheric Chemistry and Physics, 2010, 10, 2237-2256.	1.9	58
8	Variability and evolution of the midlatitude stratospheric aerosol budget from 22 years of ground-based lidar and satellite observations. Atmospheric Chemistry and Physics, 2017, 17, 1829-1845.	1.9	55
9	Observed multivariable signals of late 20th and early 21st century volcanic activity. Geophysical Research Letters, 2015, 42, 500-509.	1.5	50
10	In situ and spaceâ€based observations of the Kelud volcanic plume: The persistence of ash in the lower stratosphere. Journal of Geophysical Research D: Atmospheres, 2016, 121, 11104-11118.	1.2	50
11	Observing the Impact of Calbuco Volcanic Aerosols on South Polar Ozone Depletion in 2015. Journal of Geophysical Research D: Atmospheres, 2017, 122, 11,862.	1.2	32
12	Long-range transport of stratospheric aerosols in the Southern Hemisphere following the 2015 Calbuco eruption. Atmospheric Chemistry and Physics, 2017, 17, 15019-15036.	1.9	32
13	High predictive skill of global surface temperature a year ahead. Geophysical Research Letters, 2013, 40, 761-767.	1.5	27
14	Monsoon circulations and tropical heterogeneous chlorine chemistry in the stratosphere. Geophysical Research Letters, 2016, 43, 12,624.	1.5	23
15	Impact of the 2018 Ambae Eruption on the Global Stratospheric Aerosol Layer and Climate. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2020JD032410.	1.2	22
16	Stratospheric aerosol data records for the climate change initiative: Development, validation and application to chemistry-climate modelling. Remote Sensing of Environment, 2017, 203, 296-321.	4.6	20
17	Estimates of Regional Source Contributions to the Asian Tropopause Aerosol Layer Using a Chemical Transport Model. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2019JD031506.	1.2	18
18	Evidence of horizontal and vertical transport of water in the Southern Hemisphere tropical tropopause layer (TTL) from high-resolution balloon observations. Atmospheric Chemistry and Physics, 2016, 16, 12273-12286.	1.9	14

JEAN-PAUL VERNIER

#	Article	IF	CITATIONS
19	Detection of Aerosols in Antarctica From Longâ€Range Transport of the 2009 Australian Wildfires. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2020JD032542.	1.2	10
20	The Asian tropopause aerosol layer within the 2017 monsoon anticyclone: microphysical properties derived from aircraft-borne in situ measurements. Atmospheric Chemistry and Physics, 2021, 21, 15259-15282.	1.9	7
21	Microphysical modeling of a midlatitude "polar stratospheric cloud―event: Comparisons against multiwavelength groundâ€based and spaceborne lidar data. Journal of Geophysical Research, 2009, 114, .	3.3	6
22	Aerosol and cloud top height information of Envisat MIPAS measurements. Atmospheric Measurement Techniques, 2020, 13, 1243-1271.	1.2	6
23	Ash Particles Detected in the Tropical Lower Stratosphere. Geophysical Research Letters, 2018, 45, 11,483.	1.5	4
24	Variability of the Aerosol Content in the Tropical Lower Stratosphere from 2013 to 2019: Evidence of Volcanic Eruption Impacts. Atmosphere, 2022, 13, 250.	1.0	3