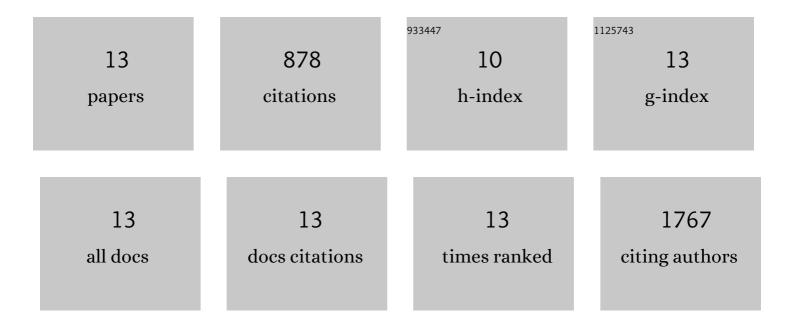
## Hans Schlager

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4819429/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.	23.0	265
2	Biofuel blending reduces particle emissions from aircraft engines at cruise conditions. Nature, 2017, 543, 411-415.	27.8	219
3	The impact of monsoon outflow from India and Southeast Asia in the upper troposphere over the eastern Mediterranean. Atmospheric Chemistry and Physics, 2003, 3, 1589-1608.	4.9	86
4	The South Asian monsoon—pollution pump and purifier. Science, 2018, 361, 270-273.	12.6	85
5	Evolution of CO <sub>2</sub> , SO <sub>2</sub> , HCl, and HNO <sub>3</sub> in the volcanic plumes from Etna. Geophysical Research Letters, 2014, 41, 2196-2203.	4.0	53
6	Local Arctic air pollution: Sources and impacts. Ambio, 2017, 46, 453-463.	5.5	52
7	HNO3partitioning in cirrus clouds. Geophysical Research Letters, 1999, 26, 2207-2210.	4.0	32
8	Future Fuels—Analyses of the Future Prospects of Renewable Synthetic Fuels. Energies, 2020, 13, 138.	3.1	25
9	High resolution simulation of recent Arctic and Antarctic stratospheric chemical ozone loss compared to observations. Journal of Atmospheric Chemistry, 2006, 55, 205-226.	3.2	19
10	The temporal evolution of the ratio HNO3/NOyin the Arctic lower stratosphere from January to March 1997. Geophysical Research Letters, 1999, 26, 1125-1128.	4.0	18
11	Submicrometer aerosol particle distributions in the upper troposphere over the mid-latitude North Atlantic—results from the third route of â€~CARIBIC'. Tellus, Series B: Chemical and Physical Meteorology, 2022, 60, 106.	1.6	12
12	Analyzing atmospheric trace gases and aerosols using passenger aircraft. Eos, 2005, 86, 77.	0.1	11
13	Reply to comment from Liotta and Rizzo on "Evolution of CO2, SO2, HCl and HNO3 in the volcanic plumes from Etna―by Voigt et al. [Geophys. Res. Lett.; 41, doi:10.1002/2013GL058974]. Bulletin of Volcanology, 2014, 76, 1.	3.0	1