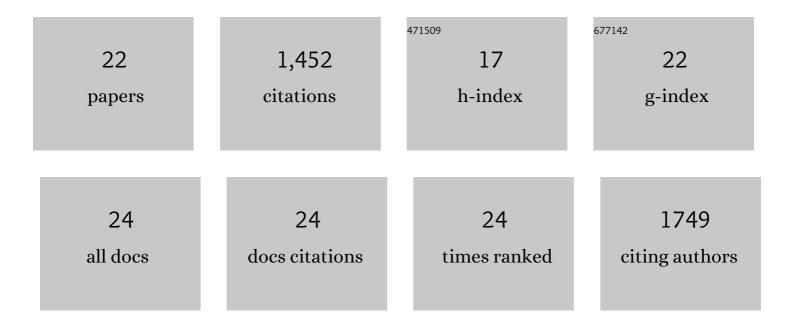
Richard Wagener

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Detection of H3+ on Jupiter. Nature, 1989, 340, 539-541.	27.8	314
2	Evaluation of aerosol direct radiative forcing in MIRAGE. Journal of Geophysical Research, 2001, 106, 5295-5316.	3.3	174
3	Direct shortwave forcing of climate by the anthropogenic sulfate aerosol: Sensitivity to particle size, composition, and relative humidity. Journal of Geophysical Research, 1995, 100, 26105.	3.3	144
4	Infrared polar brightening on Jupiter. Icarus, 1985, 64, 233-248.	2.5	137
5	Titan's surface and troposphere, investigated with ground-based, near-infrared observations. Icarus, 1991, 93, 362-378.	2.5	134
6	Sulfate over the North Atlantic and adjacent continental regions: Evaluation for October and November 1986 using a three-dimensonal model driven by observation-derived meteorology. Journal of Geophysical Research, 1994, 99, 20725.	3.3	114
7	Aerosol remote sensing in polar regions. Earth-Science Reviews, 2015, 140, 108-157.	9.1	106
8	UV spectroscopy of Titan's atmosphere, planetary organic chemistry and prebiological synthesis. Icarus, 1991, 90, 43-56.	2.5	60
9	The Jovian stratosphere in the ultraviolet. Icarus, 1985, 63, 222-236.	2.5	44
10	Seasonal, latitudinal, and secular variations in temperature trend: Evidence for influence of anthropogenic sulfate. Geophysical Research Letters, 1993, 20, 2455-2458.	4.0	32
11	Hyperspectral aerosol optical depths from TCAP flights. Journal of Geophysical Research D: Atmospheres, 2013, 118, 12,180.	3.3	25
12	Aerosol Optical Depth over Oceans: High Space- and Time-Resolution Retrieval and Error Budget from Satellite Radiometry. Journal of Atmospheric and Oceanic Technology, 1997, 14, 577-590.	1.3	24
13	Strong North/South asymmetry in the Jovian stratosphere. Icarus, 1988, 74, 141-152.	2.5	22
14	Aerosol optical, microphysical, chemical and radiative properties of high aerosol load cases over the Arctic based on AERONET measurements. Scientific Reports, 2018, 8, 9376.	3.3	22
15	An Overview of ARM Program Climate Research Facility Data Quality Assurance. The Open Atmospheric Science Journal, 2008, 2, 192-216.	0.5	21
16	Observations of Neptune and Uranus below 2000 Ã with the IUE. Icarus, 1988, 74, 133-140.	2.5	20
17	The geometric albedos of Uranus and Neptune between 2100 and 3350 Ã Icarus, 1986, 67, 281-288.	2.5	17
18	Tentative confirmation of an aurora on Uranus. Nature, 1983, 303, 310-312.	27.8	14

RICHARD WAGENER

#	Article	IF	CITATIONS
19	Constraints on the NH3 and PH3 distributions in the great red spot. Icarus, 1986, 66, 188-191.	2.5	8
20	The ultraviolet continuum albedo of Uranus. Icarus, 1990, 83, 93-101.	2.5	6
21	The Shortwave Spectral Radiometer for Atmospheric Science: Capabilities and Applications from the ARM User Facility. Bulletin of the American Meteorological Society, 2021, 102, E539-E554.	3.3	2
22	Space Telescope observations of aurorae on the giant planets. Advances in Space Research, 1985, 5, 189-193.	2.6	0