Richard Wagener

List of Publications by Year
in descending order

22 papers	1,452 citations	471509 17 h-index	677142 22 g-index
24 all docs	24 docs citations	24 times ranked	1749 citing authors

#	Article	IF	Citations
1	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
2	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
3	Aerosol remote sensing in polar regions. Earth-Science Reviews, 2015, 140, 108-157.	9.1	106
4	Hyperspectral aerosol optical depths from TCAP flights. Journal of Geophysical Research D: Atmospheres, 2013, 118, 12,180.	3.3	25
5	An Overview of ARM Program Climate Research Facility Data Quality Assurance. The Open Atmospheric Science Journal, 2008, 2, 192-216.	0.5	21
6	Evaluation of aerosol direct radiative forcing in MIRAGE. Journal of Geophysical Research, 2001, 106, 5295-5316.	3.3	174
7	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
8	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
9	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
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	UV spectroscopy of Titan's atmosphere, planetary organic chemistry and prebiological synthesis. Icarus, 1991, 90, 43-56.	2.5	60
12	Titan's surface and troposphere, investigated with ground-based, near-infrared observations. Icarus, 1991, 93, 362-378.	2.5	134
13	The ultraviolet continuum albedo of Uranus. Icarus, 1990, 83, 93-101.	2.5	6
14	Detection of H3+ on Jupiter. Nature, 1989, 340, 539-541.	27.8	314
15	Observations of Neptune and Uranus below 2000 Ã... with the IUE. Icarus, 1988, 74, 133-140.	2.5	20
16	Strong North/South asymmetry in the Jovian stratosphere. Icarus, 1988, 74, 141-152.	2.5	22
17	Constraints on the NH3 and PH3 distributions in the great red spot. Icarus, 1986, 66, 188-191.	2.5	8
18	The geometric albedos of Uranus and Neptune between 2100 and 3350 Ã.... Icarus, 1986, 67, 281-288.	2.5	17

#	Article	IF	Citations
19	Space Telescope observations of aurorae on the giant planets. Advances in Space Research, 1985, 5, 189-193.	2.6	0
20	The Jovian stratosphere in the ultraviolet. Icarus, 1985, 63, 222-236.	2.5	44
21	Infrared polar brightening on Jupiter. Icarus, 1985, 64, 233-248.	2.5	137
22	Tentative confirmation of an aurora on Uranus. Nature, 1983, 303, 310-312.	27.8	14