

Richard Wagener

List of Publications by Year in descending order

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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	Detection of H ₃ ⁺ on Jupiter. <i>Nature</i> , 1989, 340, 539-541.	27.8	314
2	Evaluation of aerosol direct radiative forcing in MIRAGE. <i>Journal of Geophysical Research</i> , 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. <i>Journal of Geophysical Research</i> , 1995, 100, 26105.	3.3	144
4	Infrared polar brightening on Jupiter. <i>Icarus</i> , 1985, 64, 233-248.	2.5	137
5	Titan's surface and troposphere, investigated with ground-based, near-infrared observations. <i>Icarus</i> , 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-dimensional model driven by observation-derived meteorology. <i>Journal of Geophysical Research</i> , 1994, 99, 20725.	3.3	114
7	Aerosol remote sensing in polar regions. <i>Earth-Science Reviews</i> , 2015, 140, 108-157.	9.1	106
8	UV spectroscopy of Titan's atmosphere, planetary organic chemistry and prebiological synthesis. <i>Icarus</i> , 1991, 90, 43-56.	2.5	60
9	The Jovian stratosphere in the ultraviolet. <i>Icarus</i> , 1985, 63, 222-236.	2.5	44
10	Seasonal, latitudinal, and secular variations in temperature trend: Evidence for influence of anthropogenic sulfate. <i>Geophysical Research Letters</i> , 1993, 20, 2455-2458.	4.0	32
11	Hyperspectral aerosol optical depths from TCAP flights. <i>Journal of Geophysical Research D: Atmospheres</i> , 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. <i>Journal of Atmospheric and Oceanic Technology</i> , 1997, 14, 577-590.	1.3	24
13	Strong North/South asymmetry in the Jovian stratosphere. <i>Icarus</i> , 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. <i>Scientific Reports</i> , 2018, 8, 9376.	3.3	22
15	An Overview of ARM Program Climate Research Facility Data Quality Assurance. <i>The Open Atmospheric Science Journal</i> , 2008, 2, 192-216.	0.5	21
16	Observations of Neptune and Uranus below 2000 Å... with the IUE. <i>Icarus</i> , 1988, 74, 133-140.	2.5	20
17	The geometric albedos of Uranus and Neptune between 2100 and 3350 Å... <i>Icarus</i> , 1986, 67, 281-288.	2.5	17
18	Tentative confirmation of an aurora on Uranus. <i>Nature</i> , 1983, 303, 310-312.	27.8	14

#	ARTICLE	IF	CITATIONS
19	Constraints on the NH ₃ and PH ₃ distributions in the great red spot. <i>Icarus</i> , 1986, 66, 188-191.	2.5	8
20	The ultraviolet continuum albedo of Uranus. <i>Icarus</i> , 1990, 83, 93-101.	2.5	6
21	The Shortwave Spectral Radiometer for Atmospheric Science: Capabilities and Applications from the ARM User Facility. <i>Bulletin of the American Meteorological Society</i> , 2021, 102, E539-E554.	3.3	2
22	Space Telescope observations of aurorae on the giant planets. <i>Advances in Space Research</i> , 1985, 5, 189-193.	2.6	0