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List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,512
citations

471509

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752698

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all docs

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docs citations

20
times ranked

751
citing authors

#	ARTICLE	IF	CITATIONS
1	Saturn's Atmospheric Helium Abundance from Cassini Composite Infrared Spectrometer Data. Planetary Science Journal, 2020, 1, 30.	3.6	9
2	Cassini Composite Infrared Spectrometer (CIRS) Observations of Titan 2004-2017. Astrophysical Journal, Supplement Series, 2019, 244, 14.	7.7	12
3	Ethane in Titan's Stratosphere from Cassini CIRS Far- and Mid-infrared Spectra. Astronomical Journal, 2019, 157, 160.	4.7	13
4	Spatial and seasonal variations in C ₃ H hydrocarbon abundance in Titan's stratosphere from Cassini CIRS observations. Icarus, 2019, 317, 454-469.	2.5	17
5	Seasonal Evolution of Titan's Stratosphere Near the Poles. Astrophysical Journal Letters, 2018, 854, L30.	8.3	43
6	The formation and evolution of Titan's winter polar vortex. Nature Communications, 2017, 8, 1586.	12.8	41
7	Titan's temporal evolution in stratospheric trace gases near the poles. Icarus, 2016, 270, 409-420.	2.5	40
8	Seasonal variations in Titan's middle atmosphere during the northern spring derived from Cassini/CIRS observations. Icarus, 2015, 250, 95-115.	2.5	99
9	Active upper-atmosphere chemistry and dynamics from polar circulation reversal on Titan. Nature, 2012, 491, 732-735.	27.8	80
10	The global energy balance of Titan. Geophysical Research Letters, 2011, 38, n/a-n/a.	4.0	17
11	Temporal variations of Titan's middle-atmospheric temperatures from 2004 to 2009 observed by Cassini/CIRS. Icarus, 2011, 211, 686-698.	2.5	84
12	Analysis of Cassini/CIRS limb spectra of Titan acquired during the nominal mission. Icarus, 2010, 205, 559-570.	2.5	168
13	Analysis of Cassini/CIRS limb spectra of Titan acquired during the nominal mission II: Aerosol extinction profiles in the 600-1420 cm ⁻¹ spectral range. Icarus, 2010, 210, 852-866.	2.5	45
14	Upper limits for undetected trace species in the stratosphere of Titan. Faraday Discussions, 2010, 147, 65.	3.2	40
15	Infrared limb sounding of Titan with the Cassini Composite InfraRed Spectrometer: effects of the mid-IR detector spatial responses. Applied Optics, 2009, 48, 1912.	2.1	49
16	Observation of a tilt of Titan's middle-atmospheric superrotation. Icarus, 2008, 197, 549-555.	2.5	40
17	Detection of C ₂ H ₂ and the D/H ratio on Titan. Icarus, 2008, 197, 539-548.	2.5	39
18	Titan's middle-atmospheric temperatures and dynamics observed by the Cassini Composite Infrared Spectrometer. Icarus, 2008, 194, 263-277.	2.5	133

#	ARTICLE	IF	CITATIONS
19	Vertical abundance profiles of hydrocarbons in Titan's atmosphere at 15° S and 80° N retrieved from Cassini/CIRS spectra. <i>Icarus</i> , 2007, 188, 120-138.	2.5	176
20	The composition of Titan's stratosphere from Cassini/CIRS mid-infrared spectra. <i>Icarus</i> , 2007, 189, 35-62.	2.5	367