

Carrie M Anderson

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Titan's aerosol and stratospheric ice opacities between 18 and 500 μ m: Vertical and spectral characteristics from Cassini CIRS. <i>Icarus</i> , 2011, 212, 762-778.	2.5	106
2	Optical constants of Titan's stratospheric aerosols in the 70-1500 cm^{-1} spectral range constrained by Cassini/CIRS observations. <i>Icarus</i> , 2012, 219, 5-12.	2.5	82
3	Mid- and far-infrared absorption spectroscopy of Titan's aerosols analogues. <i>Icarus</i> , 2012, 221, 320-327.	2.5	63
4	Vertical structure and optical properties of Titan's aerosols from radiance measurements made inside and outside the atmosphere. <i>Icarus</i> , 2016, 270, 355-375.	2.5	52
5	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. <i>Icarus</i> , 2010, 210, 852-866.	2.5	45
6	Titan's temporal evolution in stratospheric trace gases near the poles. <i>Icarus</i> , 2016, 270, 409-420.	2.5	40
7	Titan aerosol analog absorption features produced from aromatics in the far infrared. <i>Icarus</i> , 2014, 236, 146-152.	2.5	28
8	Cassini Composite Infrared Spectrometer (CIRS) Observations of Titan 2004-2017. <i>Astrophysical Journal, Supplement Series</i> , 2019, 244, 14.	7.7	12
9	Science goals and new mission concepts for future exploration of Titan's atmosphere, geology and habitability: titan POLar scout/orbitEr and in situ lake lander and DrONe explorer (POSEIDON). <i>Experimental Astronomy</i> , 2022, 54, 911-973.	3.7	5
10	Infrared Spectra, Optical Constants, and Temperature Dependences of Amorphous and Crystalline Benzene Ices Relevant to Titan. <i>Astrophysical Journal</i> , 2022, 925, 123.	4.5	5
11	Environmental temperature effect on the far-infrared absorption features of aromatic-based Titan's aerosol analogs. <i>Icarus</i> , 2017, 281, 338-341.	2.5	4
12	Nitrogen in the Stratosphere of Titan from Cassini CIRS Infrared Spectroscopy. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , 2013, , 123-143.	0.3	2
13	Optical Properties of Cyanoacetylene Ices in the Far- to Near-infrared with Direct Relevance to Titan's Stratospheric Ice Clouds. <i>Planetary Science Journal</i> , 2022, 3, 77.	3.6	0