SURFACE TEMPERATURES ON TITAN DURING NORTH

Astrophysical Journal Letters
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Citation Report

#	Article	IF	Citations
1	A cloaking device for transiting planets. Monthly Notices of the Royal Astronomical Society, 2016, 459, 1233-1241.	1.6	35
2	Geomorphological map of the Afekan Crater region, Titan: Terrain relationships in the equatorial and mid-latitude regions. Icarus, 2016, 270, 130-161.	1.1	38
3	Composition, seasonal change, and bathymetry of Ligeia Mare, Titan, derived from its microwave thermal emission. Journal of Geophysical Research E: Planets, 2016, 121, 233-251.	1.5	44
4	Nitrogen condensation in Titanâ€™s atmosphere under contemporary atmospheric composition. Icarus, 2017, 289, 120-133.	1.1	4
5	Titan's atmosphere and climate. Journal of Geophysical Research E: Planets, 2017, 122, 432-482.	1.5	228
6	Bubble streams in Titanâ€™s seas as a product of liquid N2â€‰+ CH4â€‰+ C2H6 cryogenic mixture. Nature Astronomy, 2017, 1, .	4.2	26
7	Experimental reflectance study of methane and ethane ice at Titanâ€™s surface conditions. Astrophysics and Space Science, 2017, 362, 1.	0.5	0
8	Indexing of exoplanets in search for potential habitability: application to Mars-like worlds. Astrophysics and Space Science, 2017, 362, 1.	0.5	7
9	The near-surface methane humidity on Titan. Icarus, 2017, 286, 270-279.	1.1	27
10	Transit detection of a â€˜starshadeâ€™ at the inner lagrange point of an exoplanet. Monthly Notices of the Royal Astronomical Society, 2017, 469, 4455-4464.	1.6	34
11	Vital Signs: Seismology of Icy Ocean Worlds. Astrobiology, 2018, 18, 37-53.	1.5	31
12	Modelling the KIC8462852 light curves: compatibility of the dips and secular dimming with an exocomet interpretation. Monthly Notices of the Royal Astronomical Society, 2018, 473, 5286-5307.	1.6	48
13	An Axisymmetric Limit for the Width of the Hadley Cell on Planets With Large Obliquity and Long Seasonality. Geophysical Research Letters, 2018, 45, 13,213.	1.5	18
14	Titan's Meteorology Over the Cassini Mission: Evidence for Extensive Subsurface Methane Reservoirs. Geophysical Research Letters, 2018, 45, 5320-5328.	1.5	47
15	Raised Rims Around Titan's Sharpâ€Edged Depressions. Geophysical Research Letters, 2019, 46, 5846-5854.	1.5	13
16	A Thermal Inertia Map of Titan. Journal of Geophysical Research E: Planets, 2019, 124, 1728-1742.	1.5	11
17	Cassini Composite Infrared Spectrometer (CIRS) Observations of Titan 2004â€“2017. Astrophysical Journal, Supplement Series, 2019, 244, 14.	3.0	12
19	Titan Surface Temperatures during the Cassini Mission. Astrophysical Journal Letters, 2019, 877, L8.	3.0	20

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20	Titan as Revealed by the Cassini Radar. Space Science Reviews, 2019, 215, 1.	3.7	34
21	Living at the Extremes: Extremophiles and the Limits of Life in a Planetary Context. Frontiers in Microbiology, 2019, 10, 780.	1.5	339
22	Atmospheric Dynamics on Terrestrial Planets: The Seasonal Response to Changes in Orbital, Rotational, and Radiative Timescales. Astrophysical Journal, 2019, 881, 67.	1.6	22
23	Using Elliptical Fourier Descriptor Analysis (EFDA) to Quantify Titan Lake Morphology. Astronomical Journal, 2019, 158, 230.	1.9	5
24	Seasonal Variations of Titan's Brightness. Geophysical Research Letters, 2019, 46, 13649-13657.	1.5	4
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29	The Bathymetry of Moray Sinus at Titan's Kraken Mare. Journal of Geophysical Research E: Planets, 2020, 125, e2020JE006558.	1.5	10
30	Labyrinth terrain on Titan. Icarus, 2020, 344, 113764.	1.1	29
31	Lower Surface Temperature at Bright Ephemeral Feature Site on Titan's North Pole. Geophysical Research Letters, 2021, 48, e2020GL091708.	1.5	3
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33	New insights into temperature-dependent ice properties and their effect on ice shell convection for icy ocean worlds. Earth and Planetary Science Letters, 2021, 563, 116886.	1.8	14
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35	The interaction of deep convection with the general circulation in Titanâ€™s atmosphere. Part 2: Impacts on the climate. Icarus, 2022, 373, 114623.	1.1	7
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40	Topographic and orbital forcing of Titanâ€™s hydroclimate. Icarus, 2022, 384, 115095.	1.1	5
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42	1,3-Butadiene on Titan: Crystal Structure, Thermal Expansivity, and Raman Signatures. ACS Earth and Space Chemistry, 2022, 6, 2274-2281.	1.2	3
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44	Thermochemical and kinetics investigation of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si69.svg" display="inline" id="d1e2417"><mml:mrow><mml:mtext>CH2CN</mml:mtext></mml:mrow></mml:math> + <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si70.svg" display="inline" id="d1e2423"><mml:mtext>CN</mml:mtext></mml:math> system leading to <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si77.svg" display="inline" id="d1e2428"><m	1.2	0
45	Feature Extraction and Classification from Planetary Science Datasets enabled by Machine Learning. , 2023, , .		1