

Jani Radebaugh

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

3,034
citations

279798

23
h-index

454955

30
g-index

32
all docs

32
docs citations

32
times ranked

1260
citing authors

#	ARTICLE	IF	CITATIONS
1	The lakes of Titan. <i>Nature</i> , 2007, 445, 61-64.	27.8	507
2	The Sand Seas of Titan: Cassini RADAR Observations of Longitudinal Dunes. <i>Science</i> , 2006, 312, 724-727.	12.6	351
3	Dunes on Titan observed by Cassini Radar. <i>Icarus</i> , 2008, 194, 690-703.	2.5	193
4	Cryovolcanic features on Titan's surface as revealed by the Cassini Titan Radar Mapper. <i>Icarus</i> , 2007, 186, 395-412.	2.5	191
5	Titan's inventory of organic surface materials. <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	184
6	Correlations between Cassini VIMS spectra and RADAR SAR images: Implications for Titan's surface composition and the character of the Huygens Probe Landing Site. <i>Planetary and Space Science</i> , 2007, 55, 2025-2036.	1.7	168
7	Fluvial channels on Titan: Initial Cassini RADAR observations. <i>Planetary and Space Science</i> , 2008, 56, 1132-1144.	1.7	151
8	Mountains on Titan observed by Cassini Radar. <i>Icarus</i> , 2007, 192, 77-91.	2.5	140
9	Cryovolcanism on Titan: New results from Cassini RADAR and VIMS. <i>Journal of Geophysical Research E: Planets</i> , 2013, 118, 416-435.	3.6	128
10	Determining Titan surface topography from Cassini SAR data. <i>Icarus</i> , 2009, 202, 584-598.	2.5	108
11	Global pattern of Titan's dunes: Radar survey from the Cassini prime mission. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	102
12	Linear dunes on Titan and earth: Initial remote sensing comparisons. <i>Geomorphology</i> , 2010, 121, 122-132.	2.6	97
13	Paterae on Io: A new type of volcanic caldera?. <i>Journal of Geophysical Research</i> , 2001, 106, 33005-33020.	3.3	85
14	Dunes on Pluto. <i>Science</i> , 2018, 360, 992-997.	12.6	81
15	Titan's surface at 2.18-cm wavelength imaged by the Cassini RADAR radiometer: Results and interpretations through the first ten years of observation. <i>Icarus</i> , 2016, 270, 443-459.	2.5	79
16	Global mapping and characterization of Titan's dune fields with Cassini: Correlation between RADAR and VIMS observations. <i>Icarus</i> , 2014, 230, 168-179.	2.5	68
17	Cassini observations of flow-like features in western Tui Regio, Titan. <i>Geophysical Research Letters</i> , 2006, 33, .	4.0	66
18	Mountains on Titan: Modeling and observations. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	54

#	ARTICLE	IF	CITATIONS
19	Regional geomorphology and history of Titan's Xanadu province. <i>Icarus</i> , 2011, 211, 672-685.	2.5	52
20	Nature, distribution, and origin of Titan's Undifferentiated Plains. <i>Icarus</i> , 2016, 270, 162-182.	2.5	45
21	Alluvial Fan Morphology, distribution and formation on Titan. <i>Icarus</i> , 2016, 270, 238-247.	2.5	36
22	Material transport map of Titan: The fate of dunes. <i>Icarus</i> , 2016, 270, 183-196.	2.5	32
23	Implications of dune pattern analysis for Titan's surface history. <i>Icarus</i> , 2014, 230, 180-190.	2.5	30
24	Global contraction/expansion and polar lithospheric thinning on Titan from patterns of tectonism. <i>Journal of Geophysical Research E: Planets</i> , 2015, 120, 1220-1236.	3.6	24
25	Titan: Earth-like on the Outside, Ocean World on the Inside. <i>Planetary Science Journal</i> , 2021, 2, 112.	3.6	21
26	Role of fluids in the tectonic evolution of Titan. <i>Icarus</i> , 2016, 270, 2-13.	2.5	14
27	Long-Wavelength Sinuosity of Linear Dunes on Earth and Titan and the Effect of Underlying Topography. <i>Journal of Geophysical Research E: Planets</i> , 2019, 124, 2369-2381.	3.6	8
28	Morphologic Evidence for Volcanic Craters Near Titan's North Polar Region. <i>Journal of Geophysical Research E: Planets</i> , 2020, 125, e2019JE006036.	3.6	7
29	Persephone: A Pluto-system Orbiter and Kuiper Belt Explorer. <i>Planetary Science Journal</i> , 2021, 2, 75.	3.6	7
30	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
31	Dunes of Titan, Pluto and the Outer Solar System. , 2021, , .		0