

Mã;tÃ© AdÃ;mkovics

List of Publications by Year in descending order

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51
papers

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1367
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling transmission windows in Titan's lower troposphere: Implications for infrared spectrometers aboard future aerial and surface missions. <i>Icarus</i> , 2021, 357, 114228.	2.5	3
2	Tracking Short-term Variations in the Haze Distribution of Titan's Atmosphere with SINFONI VLT. <i>Planetary Science Journal</i> , 2021, 2, 180.	3.6	3
3	High Spatial and Spectral Resolution Observations of the Forbidden 1.707 μm Rovibronic SO Emissions on Io: Evidence for Widespread Stealth Volcanism*. <i>Planetary Science Journal</i> , 2020, 1, 29.	3.6	6
4	Emission from volcanic SO gas on Io at high spectral resolution. <i>Icarus</i> , 2019, 317, 104-120.	2.5	12
5	Water and OH Emission from the Inner Disk of a Herbig Ae/Be Star. <i>Astrophysical Journal</i> , 2019, 871, 173.	4.5	5
6	First ALMA Millimeter-wavelength Maps of Jupiter, with a Multiwavelength Study of Convection. <i>Astronomical Journal</i> , 2019, 158, 139.	4.7	27
7	The Gas Composition and Deep Cloud Structure of Jupiter's Great Red Spot. <i>Astronomical Journal</i> , 2018, 156, 101.	4.7	29
8	Spherical Radiative Transfer in C++ (SRTC++): A Parallel Monte Carlo Radiative Transfer Model for Titan. <i>Astronomical Journal</i> , 2018, 155, 264.	4.7	6
9	Observations of the global haze redistribution on Titan from 2006 to 2015 with OSIRIS at Keck. <i>Icarus</i> , 2017, 290, 134-149.	2.5	2
10	Three decades of Loki Patera observations. <i>Icarus</i> , 2017, 297, 265-281.	2.5	19
11	The near-surface methane humidity on Titan. <i>Icarus</i> , 2017, 286, 270-279.	2.5	27
12	Radar observations and shape model of asteroid 16 Psyche. <i>Icarus</i> , 2017, 281, 388-403.	2.5	87
13	FUV Irradiation and the Heat Signature of Accretion in Protoplanetary Disk Atmospheres. <i>Astrophysical Journal</i> , 2017, 847, 6.	4.5	14
14	FUV IRRADIATED DISK ATMOSPHERES: $\text{Ly}\alpha$ AND THE ORIGIN OF HOT $\text{H}\alpha$ EMISSION. <i>Astrophysical Journal</i> , 2016, 817, 82.	4.5	16
15	A STUDY OF RO-VIBRATIONAL OH EMISSION FROM HERBIG Ae/Be STARS. <i>Astrophysical Journal</i> , 2016, 830, 112.	4.5	5
16	Meridional variation in tropospheric methane on Titan observed with AO spectroscopy at Keck and VLT. <i>Icarus</i> , 2016, 270, 376-388.	2.5	24
17	Retrieving Neptune's aerosol properties from Keck OSIRIS observations. I. Dark regions. <i>Icarus</i> , 2016, 276, 52-87.	2.5	18
18	Search for methane isotope fractionation due to Rayleigh distillation on Titan. <i>Icarus</i> , 2016, 275, 232-238.	2.5	2

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19	Titan's surface and atmosphere. <i>Icarus</i> , 2016, 270, 1.	2.5	2
20	JUPITER'S DEEP CLOUD STRUCTURE REVEALED USING KECK OBSERVATIONS OF SPECTRALLY RESOLVED LINE SHAPES. <i>Astrophysical Journal</i> , 2015, 810, 122.	4.5	34
21	Clouds and aerosols on Uranus: Radiative transfer modeling of spatially-resolved near-infrared Keck spectra. <i>Icarus</i> , 2015, 256, 120-137.	2.5	21
22	SHIELDING BY WATER AND OH IN FUV AND X-RAY IRRADIATED PROTOPLANETARY DISKS. <i>Astrophysical Journal</i> , 2014, 786, 135.	4.5	30
23	Near-infrared monitoring of Io and detection of a violent outburst on 29 August 2013. <i>Icarus</i> , 2014, 242, 352-364.	2.5	31
24	Two new, rare, high-effusion outburst eruptions at Rarog and Heno Paterae on Io. <i>Icarus</i> , 2014, 242, 365-378.	2.5	24
25	Global near-IR maps from Gemini-N and Keck in 2010, with a special focus on Janus Patera and Kanehekili Fluctus. <i>Icarus</i> , 2014, 242, 379-395.	2.5	23
26	Near-infrared spectra of the uranian ring system. <i>Icarus</i> , 2013, 226, 1038-1044.	2.5	12
27	Fluvial features on Titan: Insights from morphology and modeling. <i>Bulletin of the Geological Society of America</i> , 2013, 125, 299-321.	3.3	93
28	A TRANSMISSION SPECTRUM OF TITAN'S NORTH POLAR ATMOSPHERE FROM A SPECULAR REFLECTION OF THE SUN. <i>Astrophysical Journal</i> , 2013, 777, 161.	4.5	23
29	The changing rotational excitation of C3 in comet 9P/Tempel 1 during Deep Impact. <i>Astrophysics and Space Science</i> , 2012, 342, 309-315.	1.4	0
30	AVIATR's Aerial Vehicle for In-situ and Airborne Titan Reconnaissance. <i>Experimental Astronomy</i> , 2012, 33, 55-127.	3.7	45
31	FORMATION OF ORGANIC MOLECULES AND WATER IN WARM DISK ATMOSPHERES. <i>Astrophysical Journal</i> , 2011, 743, 147.	4.5	58
32	X-RAY IONIZATION OF HEAVY ELEMENTS APPLIED TO PROTOPLANETARY DISKS. <i>Astrophysical Journal</i> , 2011, 736, 143.	4.5	29
33	Keck adaptive optics images of Jupiter's north polar cap and Northern Red Oval. <i>Icarus</i> , 2011, 213, 559-563.	2.5	14
34	Locally enhanced precipitation organized by planetary-scale waves on Titan. <i>Nature Geoscience</i> , 2011, 4, 589-592.	12.9	52
35	Observations of a stationary mid-latitude cloud system on Titan. <i>Icarus</i> , 2010, 208, 868-877.	2.5	17
36	Seeing double at Neptune's south pole. <i>Icarus</i> , 2010, 208, 938-944.	2.5	25

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37	Persistent rings in and around Jupiter's anticyclones " Observations and theory. <i>Icarus</i> , 2010, 210, 742-762.	2.5	52
38	DISCOVERY OF FOG AT THE SOUTH POLE OF TITAN. <i>Astrophysical Journal</i> , 2009, 706, L110-L113.	4.5	26
39	Component-resolved near-infrared spectra of the (22) Kalliope system. <i>Icarus</i> , 2009, 204, 574-579.	2.5	16
40	Evidence for condensed-phase methane enhancement over Xanadu on Titan. <i>Planetary and Space Science</i> , 2009, 57, 1586-1595.	1.7	15
41	Correction to "Titan's bright spots: Multiband spectroscopic measurement of surface diversity and hazes". <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	0
42	Widespread Morning Drizzle on Titan. <i>Science</i> , 2007, 318, 962-965.	12.6	51
43	Valley formation and methane precipitation rates on Titan. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	104
44	Titan's bright spots: Multiband spectroscopic measurement of surface diversity and hazes. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	21
45	Titan imagery with Keck adaptive optics during and after probe entry. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	18
46	Overview of the coordinated ground-based observations of Titan during the Huygens mission. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	34
47	Diffuse Interstellar Bands Toward HD 62542. <i>Astrophysical Journal</i> , 2005, 625, 857-863.	4.5	16
48	Spatially-resolved spectroscopy at 1.6 μ m of Titan's atmosphere and surface. <i>Geophysical Research Letters</i> , 2004, 31, n/a-n/a.	4.0	15
49	A re-examination of the 4051 Å... band of C3 using cavity ringdown spectroscopy of a supersonic plasma. <i>Chemical Physics Letters</i> , 2003, 374, 583-586.	2.6	21
50	Photochemical formation rates of organic aerosols through time-resolved in situ laboratory measurements. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	16
51	Observations of Rotationally Resolved C3 in Translucent Sight Lines. <i>Astrophysical Journal</i> , 2003, 595, 235-246.	4.5	48