

Thomas Cornet

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

668
citations

516710

16
h-index

580821

25
g-index

44
all docs

44
docs citations

44
times ranked

705
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	The Protective Role of Job Control/Autonomy on Mental Strain of Managers: A Cross-Sectional Study among WittyFit's Users. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 2153.	2.6	9
3	Validation of Visual Analogue Scales of job demand and job control at the workplace: a cross-sectional study. <i>BMJ Open</i> , 2022, 12, e046403.	1.9	6
4	Methodological Issues in Analyzing Real-World Longitudinal Occupational Health Data: A Useful Guide to Approaching the Topic. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 7023.	2.6	5
5	BepiColombo Science Investigations During Cruise and Flybys at the Earth, Venus and Mercury. <i>Space Science Reviews</i> , 2021, 217, 1.	8.1	25
6	Titan: Earth-like on the Outside, Ocean World on the Inside. <i>Planetary Science Journal</i> , 2021, 2, 112.	3.6	21
7	Spectral investigation of Mercury's pits' surroundings: Constraints on the planet's explosive activity. <i>Icarus</i> , 2021, 370, 114652.	2.5	7
8	Exploring the Link between Work Addiction Risk and Health-Related Outcomes Using Job-Demand-Control Model. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 7594.	2.6	20
9	Spectral Properties and Physical Extent of Pyroclastic Deposits on Mercury: Variability Within Selected Deposits and Implications for Explosive Volcanism. <i>Journal of Geophysical Research E: Planets</i> , 2020, 125, e2018JE005879.	3.6	19
10	Rationale for BepiColombo Studies of Mercury's Surface and Composition. <i>Space Science Reviews</i> , 2020, 216, 1.	8.1	46
11	Labyrinth terrain on Titan. <i>Icarus</i> , 2020, 344, 113764.	2.5	29
12	The Cassini VIMS archive of Titan: From browse products to global infrared color maps. <i>Icarus</i> , 2019, 319, 121-132.	2.5	17
13	Geological Evolution of Titan's Equatorial Regions: Possible Nature and Origin of the Dune Material. <i>Journal of Geophysical Research E: Planets</i> , 2018, 123, 1089-1112.	3.6	28
14	Observational evidence for active dust storms on Titan at equinox. <i>Nature Geoscience</i> , 2018, 11, 727-732.	12.9	18
15	Mapping polar atmospheric features on Titan with VIMS: From the dissipation of the northern cloud to the onset of a southern polar vortex. <i>Icarus</i> , 2018, 311, 371-383.	2.5	20
16	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
17	Work Addiction Test Questionnaire to Assess Workaholism: Validation of French Version. <i>JMIR Mental Health</i> , 2018, 5, e12.	3.3	17
18	WittyFit's "Live Your Work Differently: Study Protocol for a Workplace-Delivered Health Promotion. <i>JMIR Research Protocols</i> , 2017, 6, e58.	1.0	23

#	ARTICLE	IF	CITATIONS
19	ACETYLENE ON TITAN'S SURFACE. <i>Astrophysical Journal</i> , 2016, 828, 55.	4.5	36
20	Structure of Titan's evaporites. <i>Icarus</i> , 2016, 270, 41-56.	2.5	32
21	Near-infrared spectra of liquid/solid acetylene under Titan relevant conditions and implications for Cassini/VIMS detections. <i>Icarus</i> , 2016, 270, 429-434.	2.5	4
22	Titan Science with the James Webb Space Telescope. <i>Publications of the Astronomical Society of the Pacific</i> , 2016, 128, 018007.	3.1	19
23	Dissolution on Titan and on Earth: Toward the age of Titan's karstic landscapes. <i>Journal of Geophysical Research E: Planets</i> , 2015, 120, 1044-1074.	3.6	63
24	Pond, Lake, Sea, and Ocean. , 2015, , 1648-1648.		0
25	Lacustrine Features (Titan). , 2015, , 1094-1105.		0
26	Titan's surface and atmosphere as seen by the vims hyperspectral imager onboard cassini. , 2014, , .		0
27	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
28	Lake and Ocean (Magmatic or Cryomagmatic). , 2014, , 1-3.		0
29	Lacustrine Features (Titan). , 2014, , 1-14.		0
30	Large Igneous Province. , 2014, , 1-9.		0
31	A facility for simulating Titan's environment. <i>Advances in Space Research</i> , 2013, 51, 1213-1220.	2.6	12
32	Global mapping of Titan's surface using an empirical processing method for the atmospheric and photometric correction of Cassini/VIMS images. <i>Planetary and Space Science</i> , 2012, 73, 178-190.	1.7	24
33	Experimental simulations of CH ₄ evaporation on Titan. <i>Geophysical Research Letters</i> , 2012, 39, .	4.0	14
34	Edge detection applied to Cassini images reveals no measurable displacement of Ontario Lacus' margin between 2005 and 2010. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	18
35	Geomorphological significance of Ontario Lacus on Titan: Integrated interpretation of Cassini VIMS, ISS and RADAR data and comparison with the Etosha Pan (Namibia). <i>Icarus</i> , 2012, 218, 788-806.	2.5	55
36	Global mapping of Titan in the infrared using a heuristic approach to reduce the atmospheric scattering component. , 2010, , .		2