

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 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | Rationale for BepiColombo Studies of Mercury's Surface and Composition. <i>Space Science Reviews</i> , 2020, 216, 1. | 8.1 | 46 |
| 5 | ACETYLENE ON TITAN'S SURFACE. <i>Astrophysical Journal</i> , 2016, 828, 55. | 4.5 | 36 |
| 6 | Structure of Titan's evaporites. <i>Icarus</i> , 2016, 270, 41-56. | 2.5 | 32 |
| 7 | Labyrinth terrain on Titan. <i>Icarus</i> , 2020, 344, 113764. | 2.5 | 29 |
| 8 | 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 |
| 9 | BepiColombo Science Investigations During Cruise and Flybys at the Earth, Venus and Mercury. <i>Space Science Reviews</i> , 2021, 217, 1. | 8.1 | 25 |
| 10 | 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 |
| 11 | WittyFit™ Live Your Work Differently: Study Protocol for a Workplace-Delivered Health Promotion. <i>JMIR Research Protocols</i> , 2017, 6, e58. | 1.0 | 23 |
| 12 | Titan: Earth-like on the Outside, Ocean World on the Inside. <i>Planetary Science Journal</i> , 2021, 2, 112. | 3.6 | 21 |
| 13 | 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 |
| 14 | 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 |
| 15 | Titan Science with the James Webb Space Telescope. <i>Publications of the Astronomical Society of the Pacific</i> , 2016, 128, 018007. | 3.1 | 19 |
| 16 | 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 |
| 17 | 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 |
| 18 | Observational evidence for active dust storms on Titan at equinox. <i>Nature Geoscience</i> , 2018, 11, 727-732. | 12.9 | 18 |

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|----|--|-----|-----------|
| 19 | The Cassini VIMS archive of Titan: From browse products to global infrared color maps. <i>Icarus</i> , 2019, 319, 121-132. | 2.5 | 17 |
| 20 | Work Addiction Test Questionnaire to Assess Workaholism: Validation of French Version. <i>JMIR Mental Health</i> , 2018, 5, e12. | 3.3 | 17 |
| 21 | Experimental simulations of CH ₄ evaporation on Titan. <i>Geophysical Research Letters</i> , 2012, 39, . | 4.0 | 14 |
| 22 | A facility for simulating Titan's environment. <i>Advances in Space Research</i> , 2013, 51, 1213-1220. | 2.6 | 12 |
| 23 | 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 |
| 24 | Spectral investigation of Mercury's pits' surroundings: Constraints on the planet's explosive activity. <i>Icarus</i> , 2021, 370, 114652. | 2.5 | 7 |
| 25 | 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 |
| 26 | 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 |
| 27 | 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 |
| 28 | 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 |
| 29 | 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 |
| 30 | Global mapping of Titan in the infrared using a heuristic approach to reduce the atmospheric scattering component. , 2010, , . | | 2 |
| 31 | Titan's surface and atmosphere as seen by the vims hyperspectral imager onboard cassini. , 2014, , . | | 0 |
| 32 | Lake and Ocean (Magmatic or Cryomagmatic). , 2014, , 1-3. | | 0 |
| 33 | Lacustrine Features (Titan). , 2014, , 1-14. | | 0 |
| 34 | Large Igneous Province. , 2014, , 1-9. | | 0 |
| 35 | Pond, Lake, Sea, and Ocean. , 2015, , 1648-1648. | | 0 |
| 36 | Lacustrine Features (Titan). , 2015, , 1094-1105. | | 0 |