

Francesca Ferri

List of Publications by Year in descending order

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29
papers

2,054
citations

471371

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29
all docs

29
docs citations

29
times ranked

1834
citing authors

#	ARTICLE	IF	CITATIONS
1	On the nucleus structure and activity of comet 67P/Churyumov-Gerasimenko. <i>Science</i> , 2015, 347, aaa1044.	6.0	366
2	The morphological diversity of comet 67P/Churyumov-Gerasimenko. <i>Science</i> , 2015, 347, aaa0440.	6.0	259
3	Titan's methane cycle. <i>Planetary and Space Science</i> , 2006, 54, 1177-1187.	0.9	219
4	Large heterogeneities in comet 67P as revealed by active pits from sinkhole collapse. <i>Nature</i> , 2015, 523, 63-66.	13.7	158
5	Methane drizzle on Titan. <i>Nature</i> , 2006, 442, 432-435.	13.7	146
6	Two independent and primitive envelopes of the bilobate nucleus of comet 67P. <i>Nature</i> , 2015, 526, 402-405.	13.7	141
7	A soft solid surface on Titan as revealed by the Huygens Surface Science Package. <i>Nature</i> , 2005, 438, 792-795.	13.7	139
8	Size-frequency distribution of boulders ≈ 7 m on comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2015, 583, A37.	2.1	108
9	Dust devils as observed by Mars Pathfinder. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	105
10	Aswan site on comet 67P/Churyumov-Gerasimenko: Morphology, boulder evolution, and spectrophotometry. <i>Astronomy and Astrophysics</i> , 2016, 592, A69.	2.1	53
11	Titan's Tropical Storms in an Evolving Atmosphere. <i>Astrophysical Journal</i> , 2008, 687, L41-L44.	1.6	50
12	Geological map and stratigraphy of asteroid 21 Lutetia. <i>Planetary and Space Science</i> , 2012, 66, 125-136.	0.9	42
13	Ice Giant Systems: The scientific potential of orbital missions to Uranus and Neptune. <i>Planetary and Space Science</i> , 2020, 191, 105030.	0.9	39
14	Titan's planetary boundary layer structure at the Huygens landing site. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	35
15	Explorer of Enceladus and Titan (E2T): Investigating ocean worlds' evolution and habitability in the solar system. <i>Planetary and Space Science</i> , 2018, 155, 73-90.	0.9	26
16	Geomorphological mapping of comet 67P/Churyumov-Gerasimenko's Southern hemisphere. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, S573-S592.	1.6	23
17	Huygens probe entry trajectory and attitude estimated simultaneously with Titan atmospheric structure by Kalman filtering. <i>Planetary and Space Science</i> , 2008, 56, 573-585.	0.9	21
18	Atmospheric Structure and Composition. , 2009, , 235-257.		21

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19	Huygens probe entry dynamic model and accelerometer data analysis. <i>Planetary and Space Science</i> , 2008, 56, 601-612.	0.9	14
20	Gravity waves in Titan's lower stratosphere from Huygens probe in situ temperature measurements. <i>Icarus</i> , 2014, 227, 49-55.	1.1	14
21	ExoMars Atmospheric Mars Entry and Landing Investigations and Analysis (AMELIA). <i>Space Science Reviews</i> , 2019, 215, 1.	3.7	14
22	Vertical atmospheric flow on Titan as measured by the HASI instrument on board the Huygens probe. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	13
23	The electrical properties of Titan's surface at the Huygens landing site measured with the PWA's HASI Mutual Impedance Probe. New approach and new findings. <i>Icarus</i> , 2016, 270, 272-290.	1.1	11
24	Hypervelocity experiments of impact cratering and catastrophic disruption of targets representative of minor bodies of the Solar System. <i>Advances in Space Research</i> , 2007, 40, 244-251.	1.2	9
25	The Rocky-Like Behavior of Cometary Landslides on 67P/Churyumov-Gerasimenko. <i>Geophysical Research Letters</i> , 2019, 46, 14336-14346.	1.5	9
26	Search for satellites near (21) Lutetia using OSIRIS/Rosetta images. <i>Planetary and Space Science</i> , 2012, 66, 64-70.	0.9	6
27	The Atmospheric Structure of the Ice Giant Planets from In Situ Measurements by Entry Probes. <i>Space Science Reviews</i> , 2020, 216, 1.	3.7	5
28	The Huygens scientific data archive: Technical overview. <i>Planetary and Space Science</i> , 2008, 56, 770-777.	0.9	4
29	Ice giant system exploration within ESA's Voyage 2050. <i>Experimental Astronomy</i> , 2022, 54, 1015-1025.	1.6	4