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List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

787
citations

567281

15
h-index

677142

22
g-index

25
all docs

25
docs citations

25
times ranked

784
citing authors

#	ARTICLE	IF	CITATIONS
1	AMBITION – comet nucleus cryogenic sample return. <i>Experimental Astronomy</i> , 2022, 54, 1077-1128.	3.7	4
2	The ESA Hera Mission: Detailed Characterization of the DART Impact Outcome and of the Binary Asteroid (65803) Didymos. <i>Planetary Science Journal</i> , 2022, 3, 160.	3.6	82
3	The MASCOT lander aboard Hayabusa2: The in-situ exploration of NEA (162173) Ryugu. <i>Planetary and Space Science</i> , 2021, 200, 105200.	1.7	18
4	Science operation plan of Phobos and Deimos from the MMX spacecraft. <i>Earth, Planets and Space</i> , 2021, 73, .	2.5	22
5	Key Technologies and Instrumentation for Subsurface Exploration of Ocean Worlds. <i>Space Science Reviews</i> , 2020, 216, 1.	8.1	18
6	The process for the selection of MASCOT landing site on Ryugu: Design, execution and results. <i>Planetary and Space Science</i> , 2020, 194, 105086.	1.7	6
7	Micro- and nanolander on the surface of Ryugu – Commonalities, differences and lessons learned for future microgravity exploration. <i>Planetary and Space Science</i> , 2020, 194, 105094.	1.7	6
8	Images from the surface of asteroid Ryugu show rocks similar to carbonaceous chondrite meteorites. <i>Science</i> , 2019, 365, 817-820.	12.6	99
9	MASCOT – The Mobile Asteroid Surface Scout Onboard the Hayabusa2 Mission. <i>Space Science Reviews</i> , 2017, 208, 339-374.	8.1	100
10	Rosetta Lander - Philae: Operations on comet 67P/Churyumov-Gerasimenko, analysis of wake-up activities and final state. <i>Acta Astronautica</i> , 2017, 137, 38-43.	3.2	16
11	The Camera of the MASCOT Asteroid Lander on Board Hayabusa 2. <i>Space Science Reviews</i> , 2017, 208, 375-400.	8.1	46
12	Rosetta Lander – Landing and operations on comet 67P/Churyumov – Gerasimenko. <i>Acta Astronautica</i> , 2016, 125, 80-91.	3.2	63
13	Clean In Situ Subsurface Exploration of Icy Environments in the Solar System. <i>Cellular Origin and Life in Extreme Habitats</i> , 2013, , 367-397.	0.3	7
14	AIDA: Asteroid Impact and Deflection Assessment. <i>Proceedings of the International Astronomical Union</i> , 2012, 10, 480-480.	0.0	2
15	Rosetta Lander – After seven years of cruise, prepared for hibernation. <i>Acta Astronautica</i> , 2012, 81, 151-159.	3.2	11
16	Hopper concepts for small body landers. <i>Advances in Space Research</i> , 2011, 47, 428-439.	2.6	30
17	How to survive a Lunar night. <i>Planetary and Space Science</i> , 2010, 58, 1985-1995.	1.7	22
18	Surface elements and landing strategies for small bodies missions – Philae and beyond. <i>Advances in Space Research</i> , 2009, 44, 847-858.	2.6	54

#	ARTICLE	IF	CITATIONS
19	The putative mechanical strength of comet surface material applied to landing on a comet. <i>Acta Astronautica</i> , 2009, 65, 1168-1178.	3.2	46
20	Access to glacial and subglacial environments in the Solar System by melting probe technology. <i>Reviews in Environmental Science and Biotechnology</i> , 2007, 6, 71-94.	8.1	56
21	Rosetta Landerâ€™Philae: Implications of an alternative mission. <i>Acta Astronautica</i> , 2006, 58, 435-441.	3.2	41
22	Preliminary studies concerning subsurface probes for the exploration of icy planetary bodies. <i>Planetary and Space Science</i> , 2006, 54, 621-634.	1.7	32
23	A Melting Probe, with Applications on Mars, Europa.... , 2005, , .		6