

Miguel Luis Herranz De La Revilla

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

910
citations

933447

10
h-index

1125743

13
g-index

19
all docs

19
docs citations

19
times ranked

1191
citing authors

#	ARTICLE	IF	CITATIONS
1	Dust measurements in the coma of comet 67P/Churyumov-Gerasimenko inbound to the Sun. <i>Science</i> , 2015, 347, aaa3905.	12.6	310
2	The Imaging Magnetograph eXperiment (IMaX) for the Sunrise Balloon-Borne Solar Observatory. <i>Solar Physics</i> , 2011, 268, 57-102.	2.5	229
3	The Polarimetric and Helioseismic Imager on Solar Orbiter. <i>Astronomy and Astrophysics</i> , 2020, 642, A11.	5.1	121
4	The Grain Impact Analyser and Dust Accumulator (GIADA) Experiment for the Rosetta Mission: Design, Performances and First Results. <i>Space Science Reviews</i> , 2007, 128, 803-821.	8.1	76
5	67P/C-G inner coma dust properties from 2.2 au inbound to 2.0 au outbound to the Sun. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, S210-S219.	4.4	46
6	GIADA: The Grain Impact Analyser and Dust Accumulator for the Rosetta space mission. <i>Advances in Space Research</i> , 2007, 39, 446-450.	2.6	26
7	Physical aspect of an impact sensor for the detection of cometary dust momentum onboard the Rosetta space mission. <i>Advances in Space Research</i> , 2002, 29, 1159-1163.	2.6	24
8	MEDUSA: The ExoMars experiment for in-situ monitoring of dust and water vapour. <i>Planetary and Space Science</i> , 2009, 57, 1043-1049.	1.7	17
9	The imaging magnetograph eXperiment for the SUNRISE balloon Antarctica project. , 2004, , .		15
10	The BepiColombo Laser Altimeter. <i>Space Science Reviews</i> , 2021, 217, 1.	8.1	15
11	The GIADA experiment for ROSETTA mission to comet 46P/wirtanen: Design and performances. <i>Advances in Space Research</i> , 1999, 24, 1139-1148.	2.6	10
12	The Giada Experiment for the Rosetta Mission. <i>Astrophysics and Space Science Library</i> , 2004, , 271-280.	2.7	7
13	GIADA performance during Rosetta mission scientific operations at comet 67P. <i>Advances in Space Research</i> , 2018, 62, 1987-1997.	2.6	5
14	Electromagnetic compatibility of transmitter, receiver, and communication port of a space-qualified laser altimeter. , 2016, , .		4
15	Detailed design of the imaging magnetograph experiment (IMaX): a visible imager magnetograph for the Sunrise mission. , 2006, 6265, 1387.		3
16	New control system for the 1.5m and 0.9m telescopes at Sierra Nevada Observatory. , 2006, , .		1
17	The BepiColombo Laser Altimeter (BeLA) power converter module (PCM): Concept and characterisation. <i>Review of Scientific Instruments</i> , 2017, 88, 034702.	1.3	1
18	The Grain Impact Analyser and Dust Accumulator (GIADA) Experiment for the Rosetta Mission: Design, Performances and Current Results. , 2009, , 1-18.		0

#	ARTICLE	IF	CITATIONS
19	The Imaging Magnetograph eXperiment (IMaX) for the Sunrise Balloon-Borne Solar Observatory. , 2010, , 57-102.		0