

# Miguel Luis Herranz De La Revilla

## List of Publications by Year in descending order

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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	The BepiColombo Laser Altimeter. Space Science Reviews, 2021, 217, 1.	8.1	15
2	The Polarimetric and Helioseismic Imager on Solar Orbiter. Astronomy and Astrophysics, 2020, 642, A11.	5.1	121
3	GIADA performance during Rosetta mission scientific operations at comet 67P. Advances in Space Research, 2018, 62, 1987-1997.	2.6	5
4	The BepiColombo Laser Altimeter (BeLA) power converter module (PCM): Concept and characterisation. Review of Scientific Instruments, 2017, 88, 034702.	1.3	1
5	67P/C-G inner coma dust properties from 2.2 au inbound to 2.0 au outbound to the Sun. Monthly Notices of the Royal Astronomical Society, 2016, 462, S210-S219.	4.4	46
6	Electromagnetic compatibility of transmitter, receiver, and communication port of a space-qualified laser altimeter. , 2016, , .		4
7	Dust measurements in the coma of comet 67P/Churyumov-Gerasimenko inbound to the Sun. Science, 2015, 347, aaa3905.	12.6	310
8	The Imaging Magnetograph eXperiment (IMaX) for the Sunrise Balloon-Borne Solar Observatory. Solar Physics, 2011, 268, 57-102.	2.5	229
9	The Imaging Magnetograph eXperiment (IMaX) for the Sunrise Balloon-Borne Solar Observatory. , 2010, , 57-102.		0
10	MEDUSA: The ExoMars experiment for in-situ monitoring of dust and water vapour. Planetary and Space Science, 2009, 57, 1043-1049.	1.7	17
11	The Grain Impact Analyser and Dust Accumulator (GIADA) Experiment for the Rosetta Mission: Design, Performances and Current Results. , 2009, , 1-18.		0
12	The Grain Impact Analyser and Dust Accumulator (GIADA) Experiment for the Rosetta Mission: Design, Performances and First Results. Space Science Reviews, 2007, 128, 803-821.	8.1	76
13	GIADA: The Grain Impact Analyser and Dust Accumulator for the Rosetta space mission. Advances in Space Research, 2007, 39, 446-450.	2.6	26
14	Detailed design of the imaging magnetograph experiment (IMaX): a visible imager magnetograph for the Sunrise mission. , 2006, 6265, 1387.		3
15	New control system for the 1.5m and 0.9m telescopes at Sierra Nevada Observatory. , 2006, , .		1
16	The imaging magnetograph eXperiment for the SUNRISE balloon Antarctica project. , 2004, , .		15
17	The Giada Experiment for the Rosetta Mission. Astrophysics and Space Science Library, 2004, , 271-280.	2.7	7
18	Physical aspect of an impact sensor for the detection of cometary dust momentum onboard the Rosetta space mission. Advances in Space Research, 2002, 29, 1159-1163.	2.6	24

#	ARTICLE	IF	CITATIONS
19	The GIADA experiment for ROSETTA mission to comet 46P/wirtanen: Design and performances. Advances in Space Research, 1999, 24, 1139-1148.	2.6	10