

# Antonio Molina Jurado

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

28 papers	1,246 citations	14 h-index	34 g-index
34 ext. papers	1,500 ext. citations	6.7 avg, IF	3.3 L-index

#	Paper	IF	Citations
28	Raman spectroscopic peculiarities of Icelandic poorly crystalline minerals and their implications for Mars exploration.. <i>Scientific Reports</i> , <b>2022</b> , 12, 5640	4.9	1
27	Geomorphology of the southwest Sinus Sabaeus region: evidence for an ancient hydrological cycle on Mars. <i>Journal of Maps</i> , <b>2021</b> , 17, 512-518	2.2	0
26	Photogeologic Map of the Perseverance Rover Field Site in Jezero Crater Constructed by the Mars 2020 Science Team. <i>Space Science Reviews</i> , <b>2020</b> , 216, 1	7.5	26
25	The atmosphere of Mars as observed by InSight. <i>Nature Geoscience</i> , <b>2020</b> , 13, 190-198	18.3	93
24	Frozen ground and snow cover monitoring in Livingston and Deception islands, Antarctica: preliminary results of the 2015-2019 PERMASNOW project. <i>Cuadernos De Investigacion Geografica</i> , <b>2020</b> , 46, 187-222	2.5	2
23	Meteorological Predictions for Landing Site at Jezero Crater. <i>Space Science Reviews</i> , <b>2020</b> , 216, 1	7.5	18
22	Stabilization by geomorphic reclamation of a rotational landslide in an abandoned mine next to the Alto Tajo Natural Park. <i>Engineering Geology</i> , <b>2020</b> , 264, 105321	6	10
21	Fingerprinting molecular and isotopic biosignatures on different hydrothermal scenarios of Iceland, an acidic and sulfur-rich Mars analog. <i>Scientific Reports</i> , <b>2020</b> , 10, 21196	4.9	4
20	Transition from a Subaerial to a Subnival Permafrost Temperature Regime Following Increased Snow Cover (Livingston Island, Maritime Antarctic). <i>Atmosphere</i> , <b>2020</b> , 11, 1332	2.7	1
19	Active layer monitoring in Antarctica: an overview of results from 2006 to 2015. <i>Polar Geography</i> , <b>2018</b> , 1-15	2.2	19
18	Thaw depth spatial and temporal variability at the Limnopolar Lake CALM-S site, Byers Peninsula, Livingston Island, Antarctica. <i>Science of the Total Environment</i> , <b>2018</b> , 615, 814-827	10.2	3
17	Geomorphic reclamation for reestablishment of landform stability at a watershed scale in mined sites: The Alto Tajo Natural Park, Spain. <i>Ecological Engineering</i> , <b>2018</b> , 111, 100-116	3.9	25
16	Coogoon Valles, western Arabia Terra: Hydrological evolution of a complex Martian channel system. <i>Icarus</i> , <b>2017</b> , 293, 27-44	3.8	16
15	The Thermal Infrared Sensor (TIRS) of the Mars Environmental Dynamics Analyzer (MEDA) instrument onboard Mars 2020 <b>2017</b> ,		2
14	Snow cover evolution, on 2009-2014, at the Limnopolar Lake CALM-S site on Byers Peninsula, Livingston Island, Antarctica.. <i>Catena</i> , <b>2017</b> , 149, 538-547	5.8	23
13	Recent shallowing of the thaw depth at Crater Lake, Deception Island, Antarctica (2006-2014). <i>Catena</i> , <b>2017</b> , 149, 519-528	5.8	18
12	Frozen ground and snow cover monitoring in the South Shetland Islands, Antarctica: Instrumentation, effects on ground thermal behaviour and future research. <i>Cuadernos De Investigacion Geografica</i> , <b>2016</b> , 42, 475	2.5	5

11	Identification of the subsurface sulfide bodies responsible for acidity in Río Tinto source water, Spain. <i>Earth and Planetary Science Letters</i> , <b>2014</b> , 391, 36-41	5.3	25
10	A habitable fluvio-lacustrine environment at Yellowknife Bay, Gale crater, Mars. <i>Science</i> , <b>2014</b> , 343, 1242-1245	33.3	536
9	Observations and preliminary science results from the first 100 sols of MSL Rover Environmental Monitoring Station ground temperature sensor measurements at Gale Crater. <i>Journal of Geophysical Research E: Planets</i> , <b>2014</b> , 119, 745-770	4.1	58
8	Reply to the Comment on Identification of the subsurface sulfide bodies responsible for acidity in Río Tinto source water, Spain [Earth Planet. Sci. Lett. 391 (2014) 36-41]. <i>Earth and Planetary Science Letters</i> , <b>2014</b> , 403, 459-462	5.3	2
7	Geology of the Ariadnes Basin, NE Eridania quadrangle, Mars 1:1Million. <i>Journal of Maps</i> , <b>2014</b> , 10, 487-499	4.2	8
6	Thermal characterization of the active layer at the Limnopolar Lake CALM-S site on Byers Peninsula (Livingston Island), Antarctica. <i>Solid Earth</i> , <b>2014</b> , 5, 721-739	3.3	25
5	Interannual active layer variability at the Limnopolar Lake CALM site on Byers Peninsula, Livingston Island, Antarctica. <i>Antarctic Science</i> , <b>2013</b> , 25, 167-180	1.7	30
4	Martian fluvial conglomerates at Gale crater. <i>Science</i> , <b>2013</b> , 340, 1068-72	33.3	269
3	Effect on the journal impact factor of the number and document type of citing records: a wide-scale study. <i>Scientometrics</i> , <b>2011</b> , 87, 75-84	3	13
2	Surviving bad times: The role of citations, self-citations and numbers of citable items in recovery of the journal impact factor after at least four years of continuous decreases. <i>Scientometrics</i> , <b>2009</b> , 81, 859-864	3.64	13
1	Thermal characterization of the active layer at the Limnopolar Lake CALM-S site on Byers Peninsula (Livingston Island), Antarctica		1