

# Mercedes MarÃ- n JimÃ©nez

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8295578/publications.pdf>

Version: 2024-02-01

8  
papers

447  
citations

1478505

6  
h-index

1720034

7  
g-index

8  
all docs

8  
docs citations

8  
times ranked

733  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gale surface wind characterization based on the Mars Science Laboratory REMS dataset. Part I: Wind retrieval and Gale's wind speeds and directions. <i>Icarus</i> , 2019, 319, 909-925.	2.5	45
2	Gale surface wind characterization based on the Mars Science Laboratory REMS dataset. Part II: Wind probability distributions. <i>Icarus</i> , 2019, 319, 645-656.	2.5	36
3	Experimental and Numerical Characterization of the Flow Around the Mars 2020 Rover. <i>Journal of Spacecraft and Rockets</i> , 2018, 55, 1136-1143.	1.9	6
4	Winds measured by the Rover Environmental Monitoring Station (REMS) during the Mars Science Laboratory (MSL) rover's Bagnold Dunes Campaign and comparison with numerical modeling using MarsWRF. <i>Icarus</i> , 2017, 291, 203-231.	2.5	119
5	Characterization of the flow around the Mars 2020 Rover. , 2017, , .		3
6	The meteorology of Gale Crater as determined from Rover Environmental Monitoring Station observations and numerical modeling. Part II: Interpretation. <i>Icarus</i> , 2016, 280, 114-138.	2.5	81
7	The meteorology of Gale crater as determined from rover environmental monitoring station observations and numerical modeling. Part I: Comparison of model simulations with observations. <i>Icarus</i> , 2016, 280, 103-113.	2.5	54
8	Low Upper Limit to Methane Abundance on Mars. <i>Science</i> , 2013, 342, 355-357.	12.6	103