

François Poulet

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

4,936
citations

516710

16
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

2733
citing authors

#	ARTICLE	IF	CITATIONS
1	The SuperCam infrared spectrometer for the perseverance rover of the Mars2020 mission. <i>Icarus</i> , 2022, 373, 114773.	2.5	19
2	The SuperCam Instrument Suite on the Mars 2020 Rover: Science Objectives and Mast-Unit Description. <i>Space Science Reviews</i> , 2021, 217, 1.	8.1	131
3	Mineralogical and Spectral (Near-Infrared) Characterization of Fe-Rich Vermiculite-Bearing Terrestrial Deposits and Constraints for Mineralogy of Oxia Planum, ExoMars 2022 Landing Site. <i>Astrobiology</i> , 2021, 21, 997-1016.	3.0	7
4	The Planetary Terrestrial Analogues Library (PTAL) – An exclusive lithological selection of possible martian earth analogues. <i>Planetary and Space Science</i> , 2021, 208, 105339.	1.7	9
5	The SuperCam Instrument Suite on the NASA Mars 2020 Rover: Body Unit and Combined System Tests. <i>Space Science Reviews</i> , 2021, 217, 4.	8.1	160
6	Mawrth Vallis, Mars: A Fascinating Place for Future <i>In Situ</i> Exploration. <i>Astrobiology</i> , 2020, 20, 199-234.	3.0	18
7	Pre-launch radiometric calibration of the infrared spectrometer onboard SuperCam for the Mars2020 rover. <i>Review of Scientific Instruments</i> , 2020, 91, 063105.	1.3	10
8	Planetary Terrestrial Analogues Library project: 1. characterization of samples by near-infrared point spectrometer. <i>Planetary and Space Science</i> , 2020, 189, 104989.	1.7	12
9	Detection of Carbonates in Martian Weathering Profiles. <i>Journal of Geophysical Research E: Planets</i> , 2019, 124, 989-1007.	3.6	34
10	MarsSI: Martian surface data processing information system. <i>Planetary and Space Science</i> , 2018, 150, 157-170.	1.7	38
11	Infrared Spectrometer for ExoMars: A Mast-Mounted Instrument for the Rover. <i>Astrobiology</i> , 2017, 17, 542-564.	3.0	61
12	Widespread surface weathering on early Mars: A case for a warmer and wetter climate. <i>Icarus</i> , 2015, 248, 373-382.	2.5	151
13	Hydrous minerals on Mars as seen by the CRISM and OMEGA imaging spectrometers: Updated global view. <i>Journal of Geophysical Research E: Planets</i> , 2013, 118, 831-858.	3.6	420
14	Orbital Identification of Carbonate-Bearing Rocks on Mars. <i>Science</i> , 2008, 322, 1828-1832.	12.6	560
15	CRISM multispectral summary products: Parameterizing mineral diversity on Mars from reflectance. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	304
16	Phyllosilicates on Mars and implications for early martian climate. <i>Nature</i> , 2005, 438, 623-627.	27.8	825
17	Mars Surface Diversity as Revealed by the OMEGA/Mars Express Observations. <i>Science</i> , 2005, 307, 1576-1581.	12.6	842
18	Sulfates in Martian Layered Terrains: The OMEGA/Mars Express View. <i>Science</i> , 2005, 307, 1587-1591.	12.6	867

#	ARTICLE	IF	CITATIONS
19	Sulfates in the North Polar Region of Mars Detected by OMEGA/Mars Express. Science, 2005, 307, 1584-1586.	12.6	450
20	Visible and infrared spectroscopy of minerals and mixtures with the OMEGA/MARS-EXPRESS instrument. Planetary and Space Science, 2004, 52, 133-140.	1.7	18