FranÃ§ois Poulet

List of Publications by Year
in descending order

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	Sulfates in Martian Layered Terrains: The OMEGA/Mars Express View. Science, 2005, 307, 1587-1591.	12.6	867
2	Mars Surface Diversity as Revealed by the OMEGA/Mars Express Observations. Science, 2005, 307, 1576-1581.	12.6	842
3	Phyllosilicates on Mars and implications for early martian climate. Nature, 2005, 438, 623-627.	27.8	825
4	Orbital Identification of Carbonate-Bearing Rocks on Mars. Science, 2008, 322, 1828-1832.	12.6	560
5	Sulfates in the North Polar Region of Mars Detected by OMEGA/Mars Express. Science, 2005, 307, 1584-1586.	12.6	450
6	Hydrous minerals on Mars as seen by the CRISM and OMEGA imaging spectrometers: Updated global view. Journal of Geophysical Research E: Planets, 2013, 118, 831-858.	3.6	420
7	CRISM multispectral summary products: Parameterizing mineral diversity on Mars from reflectance. Journal of Geophysical Research, 2007, 112, .	3.3	304
8	The SuperCam Instrument Suite on the NASA Mars 2020 Rover: Body Unit and Combined System Tests. Space Science Reviews, 2021, 217, 4.	8.1	160
9	Widespread surface weathering on early Mars: A case for a warmer and wetter climate. Icarus, 2015, 248, 373-382.	2.5	151
10	The SuperCam Instrument Suite on the Mars 2020 Rover: Science Objectives and Mast-Unit Description. Space Science Reviews, 2021, 217, 1.	8.1	131
11	Infrared Spectrometer for ExoMars: A Mast-Mounted Instrument for the Rover. Astrobiology, 2017, 17, 542-564.	3.0	61
12	MarsSI: Martian surface data processing information system. Planetary and Space Science, 2018, 150, 157-170.	1.7	38
13	Detection of Carbonates in Martian Weathering Profiles. Journal of Geophysical Research E: Planets, 2019, 124, 989-1007.	3.6	34
14	The SuperCam infrared spectrometer for the perseverance rover of the Mars2020 mission. Icarus, 2022, 373, 114773.	2.5	19
15	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
16	Mawrth Vallis, Mars: A Fascinating Place for Future In Situ Exploration. Astrobiology, 2020, 20, 199-234.	3.0	18
17	Planetary Terrestrial Analogues Library project: 1. characterization of samples by near-infrared point spectrometer. Planetary and Space Science, 2020, 189, 104989.	1.7	12
18	Pre-launch radiometric calibration of the infrared spectrometer onboard SuperCam for the Mars2020 rover. Review of Scientific Instruments, 2020, 91, 063105.	1.3	10

#	Article	IF	Citations
19	The Planetary Terrestrial Analogues Library (PTAL) â€“ An exclusive lithological selection of possible martian earth analogues. Planetary and Space Science, 2021, 208, 105339.	1.7	9
20	Mineralogical and Spectral (Near-Infrared) Characterization of Fe-Rich Vermiculite-Bearing Terrestrial Deposits and Constraints for Mineralogy of Oxia Planum, ExoMars 2022 Landing Site. Astrobiology, 2021, 21, 997-1016.	3.0	7