Simone De Angelis

List of Publications by Year
in descending order

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27	296	1040056	888059
papers	citations	9 h-index	17 g-index

35	35	35	459
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ma_MISS on ExoMars: Mineralogical Characterization of the Martian Subsurface. Astrobiology, 2017, 17, 612-620.	3.0	62
2	Testing the ability of the ExoMars 2018 payload to document geological context and potential habitability on Mars. Planetary and Space Science, 2015, 108, 87-97.	1.7	41
3	The Ma_Miss instrument performance, I: Analysis of rocks powders by Martian VNIR spectrometer. Planetary and Space Science, 2014, 101, 89-107.	1.7	18
4	NIR reflectance spectroscopy of hydrated and anhydrous sodium carbonates at different temperatures. Icarus, 2019, 317, 388-411.	2.5	18
5	Reflectance spectroscopy of ammonium-bearing phyllosilicates. Icarus, 2019, 321, 522-530.	2.5	17
6	Temperature-dependent VNIR spectroscopy of hydrated Mg-sulfates. Icarus, 2017, 281, 444-458.	2.5	16
7	In Situ Collection of Refractory Dust in the Upper Stratosphere: The DUSTER Facility. Space Science Reviews, 2012, 169, 159-180.	8.1	15
8	VIS-IR study of bruciteâ€“clayâ€“carbonate mixtures: Implications for Ceres surface composition. Icarus, 2016, 280, 315-327.	2.5	11
9	Application of spectral linear mixing to rock slabs analyses at various scales using Ma_Miss BreadBoard instrument. Planetary and Space Science, 2017, 144, 1-15.	1.7	11
10	Visible and near-InfraRed (VNIR) reflectance of silicate glasses: Characterization of a featureless spectrum and implications for planetary geology. Icarus, 2022, 374, 114801.	2.5	10
11	The spectral imaging facility: Setup characterization. Review of Scientific Instruments, 2015, 86, 093101.	1.3	9
12	PROSPECTING the Moon: Numerical simulations of temperature and sublimation rate of a cylindric sample. Planetary and Space Science, 2019, 169, 8-14.	1.7	9
13	Exploring the Shallow Subsurface of Mars with the Ma_MISS Spectrometer on the ExoMars Rover Rosalind Franklin. Planetary Science Journal, 2022, 3, 142.	3.6	9
14	Temperature-dependent, VIS-NIR reflectance spectroscopy of sodium sulfates. Icarus, 2021, 357, 114165.	2.5	7
15	The Ma_Miss instrument performance, II: Band parameters of rocks powders spectra by Martian VNIR spectrometer. Planetary and Space Science, 2015, 117, 329-344.	1.7	6
16	A core dynamo in Vesta?. Monthly Notices of the Royal Astronomical Society, 2016, 458, 695-707.	4.4	6
17	Highâ€Temperature VISâ€IR Spectroscopy of NH₄â€Phyllosilicates. Journal of Geophysical Research E: Planets, 2021, 126, e2020JE006696.	3.6	6
18	Laboratory Investigations Coupled to VIR/Dawn Observations to Quantify the Large Concentrations of Organic Matter on Ceres. Minerals (Basel, Switzerland), 2021, 11, 719.	2.0	6

#	Article	IF	Citations
19	Raman Microspectroscopy Performed on Extraterrestrial Particles. Spectroscopy Letters, 2011, 44, 549-553.	1.0	5
20	VIS-IR spectroscopy of magnesium chlorides at cryogenic temperatures. Icarus, 2022, 373, 114756.	2.5	4
21	Microimaging VISâ€IR spectroscopy of ancient volcanic rocks as Mars analogues. Earth and Space Science, 2016, 3, 268-281.	2.6	3
22	Subsurface Thermal Modeling of Oxia Planum, Landing Site of ExoMars 2022. Advances in Astronomy, 2021, 2021, 1-10.	1.1	3
23	Design, development, and testing of an environmental P-T cell for infrared spectroscopy measurements. Review of Scientific Instruments, 2018, 89, 103107.	1.3	2
24	A fiery birth of aluminosilica analogs of refractory dust in the upper stratosphere. Advances in Space Research, 2017, 60, 2091-2098.	2.6	1
25	Ma_MISS Flight Model Calibration Target: Spectral Characterization. , 2018, , .		1
26	The SPectral IMaging (SPIM) facility in support of hyperspectral observations of solar system bodies. , 2013, , .		0
27	The SPectral Imaging (SPIM) facility in support of hyperspectral observations of solar system bodies: Preliminary characterization. , 2014, , .		0