Jorge Luis Vago

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8109218/publications.pdf

Version: 2024-02-01

23	1,632	566801	713013
papers	citations	15 h-index	21 g-index

27	27	27	1701
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Habitability on Early Mars and the Search for Biosignatures with the ExoMars Rover. Astrobiology, 2017, 17, 471-510.	1.5	371
2	Biosignatures on Mars: What, Where, and How? Implications for the Search for Martian Life. Astrobiology, 2015, 15, 998-1029.	1.5	209
3	The Raman Laser Spectrometer for the ExoMars Rover Mission to Mars. Astrobiology, 2017, 17, 627-654.	1.5	186
4	The Mars Organic Molecule Analyzer (MOMA) Instrument: Characterization of Organic Material in Martian Sediments. Astrobiology, 2017, 17, 655-685.	1.5	185
5	No detection of methane on Mars from early ExoMars Trace Gas Orbiter observations. Nature, 2019, 568, 517-520.	13.7	111
6	Martian dust storm impact on atmospheric H2O and D/H observed by ExoMars Trace Gas Orbiter. Nature, 2019, 568, 521-525.	13.7	107
7	The MicrOmega Investigation Onboard ExoMars. Astrobiology, 2017, 17, 621-626.	1.5	85
8	Ma_MISS on ExoMars: Mineralogical Characterization of the Martian Subsurface. Astrobiology, 2017, 17, 612-620.	1.5	62
9	Infrared Spectrometer for ExoMars: A Mast-Mounted Instrument for the Rover. Astrobiology, 2017, 17, 542-564.	1.5	61
10	The WISDOM Radar: Unveiling the Subsurface Beneath the ExoMars Rover and Identifying the Best Locations for Drilling. Astrobiology, 2017, 17, 565-584.	1.5	50
11	The Close-Up Imager Onboard the ESA ExoMars Rover: Objectives, Description, Operations, and Science Validation Activities. Astrobiology, 2017, 17, 595-611.	1.5	44
12	Missions to Mars: Characterisation of Mars analogue rocks for the International Space Analogue Rockstore (ISAR). Planetary and Space Science, 2013, 82-83, 113-127.	0.9	31
13	Report of the workshop for life detection in samples from Mars. Life Sciences in Space Research, 2014, 2, 1-5.	1.2	24
14	Raman Laser Spectrometer (RLS) calibration target design to allow onboard combined science between the RLS and MicrOmega instruments on the ExoMars rover. Journal of Raman Spectroscopy, 2020, 51, 1718-1730.	1.2	19
15	The geography of Oxia Planum. Journal of Maps, 2021, 17, 621-637.	1.0	16
16	Surface-based 3D measurements of small aeolian bedforms on Mars and implications for estimating ExoMars rover traversability hazards. Planetary and Space Science, 2018, 153, 39-53.	0.9	14
17	Searching for Traces of Life With the ExoMars Rover. , 2018, , 309-347.		14
18	ExoMars Raman Laser Spectrometer: A Tool to Semiquantify the Serpentinization Degree of Olivine-Rich Rocks on Mars. Astrobiology, 2021, 21, 307-322.	1.5	13

#	Article	IF	Citations
19	Fast Fourier transform based image compression algorithm optimized for speckle interferometer measurements. Optical Engineering, 1997, 36, 3052.	0.5	8
20	Raman characterization of terrestrial analogs from the AMADEEâ€18 astronaut simulated mission using the ExoMars RLS simulator: Implications for Mars. Journal of Raman Spectroscopy, 2020, 51, 2525-2535.	1.2	5
21	Searching for Signs of Life on Other Planets: Mars a Case Study. Advances in Astrobiology and Biogeophysics, 2019, , 283-300.	0.6	2
22	Similarities between terrestrial planets at the time life appeared on Earth. Physics of Life Reviews, 2020, 34-35, 92-93.	1.5	1
23	<title>FFT-based image compression algorithm optimized for speckle interferometer measurements</title>. , 1997, , .		0