

Jorge Luis Vago

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,632
citations

566801

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h-index

713013

21
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all docs

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docs citations

27
times ranked

1701
citing authors

#	ARTICLE	IF	CITATIONS
1	ExoMars Raman Laser Spectrometer: A Tool to Semiquantify the Serpentinization Degree of Olivine-Rich Rocks on Mars. <i>Astrobiology</i> , 2021, 21, 307-322.	1.5	13
2	The geography of Oxia Planum. <i>Journal of Maps</i> , 2021, 17, 621-637.	1.0	16
3	Raman characterization of terrestrial analogs from the AMADEE-18 astronaut simulated mission using the ExoMars RLS simulator: Implications for Mars. <i>Journal of Raman Spectroscopy</i> , 2020, 51, 2525-2535.	1.2	5
4	Raman Laser Spectrometer (RLS) calibration target design to allow onboard combined science between the RLS and MicrOmega instruments on the ExoMars rover. <i>Journal of Raman Spectroscopy</i> , 2020, 51, 1718-1730.	1.2	19
5	Similarities between terrestrial planets at the time life appeared on Earth. <i>Physics of Life Reviews</i> , 2020, 34-35, 92-93.	1.5	1
6	No detection of methane on Mars from early ExoMars Trace Gas Orbiter observations. <i>Nature</i> , 2019, 568, 517-520.	13.7	111
7	Martian dust storm impact on atmospheric H ₂ O and D/H observed by ExoMars Trace Gas Orbiter. <i>Nature</i> , 2019, 568, 521-525.	13.7	107
8	Searching for Signs of Life on Other Planets: Mars a Case Study. <i>Advances in Astrobiology and Biogeophysics</i> , 2019, , 283-300.	0.6	2
9	Surface-based 3D measurements of small aeolian bedforms on Mars and implications for estimating ExoMars rover traversability hazards. <i>Planetary and Space Science</i> , 2018, 153, 39-53.	0.9	14
10	Searching for Traces of Life With the ExoMars Rover. , 2018, , 309-347.		14
11	The MicrOmega Investigation Onboard ExoMars. <i>Astrobiology</i> , 2017, 17, 621-626.	1.5	85
12	Habitability on Early Mars and the Search for Biosignatures with the ExoMars Rover. <i>Astrobiology</i> , 2017, 17, 471-510.	1.5	371
13	Ma_MISS on ExoMars: Mineralogical Characterization of the Martian Subsurface. <i>Astrobiology</i> , 2017, 17, 612-620.	1.5	62
14	The Mars Organic Molecule Analyzer (MOMA) Instrument: Characterization of Organic Material in Martian Sediments. <i>Astrobiology</i> , 2017, 17, 655-685.	1.5	185
15	The Close-Up Imager Onboard the ESA ExoMars Rover: Objectives, Description, Operations, and Science Validation Activities. <i>Astrobiology</i> , 2017, 17, 595-611.	1.5	44
16	Infrared Spectrometer for ExoMars: A Mast-Mounted Instrument for the Rover. <i>Astrobiology</i> , 2017, 17, 542-564.	1.5	61
17	The WISDOM Radar: Unveiling the Subsurface Beneath the ExoMars Rover and Identifying the Best Locations for Drilling. <i>Astrobiology</i> , 2017, 17, 565-584.	1.5	50
18	The Raman Laser Spectrometer for the ExoMars Rover Mission to Mars. <i>Astrobiology</i> , 2017, 17, 627-654.	1.5	186

#	ARTICLE	IF	CITATIONS
19	Biosignatures on Mars: What, Where, and How? Implications for the Search for Martian Life. <i>Astrobiology</i> , 2015, 15, 998-1029.	1.5	209
20	Report of the workshop for life detection in samples from Mars. <i>Life Sciences in Space Research</i> , 2014, 2, 1-5.	1.2	24
21	Missions to Mars: Characterisation of Mars analogue rocks for the International Space Analogue Rockstore (ISAR). <i>Planetary and Space Science</i> , 2013, 82-83, 113-127.	0.9	31
22	Fast Fourier transform based image compression algorithm optimized for speckle interferometer measurements. <i>Optical Engineering</i> , 1997, 36, 3052.	0.5	8
23	<title>FFT-based image compression algorithm optimized for speckle interferometer measurements</title>. , 1997, , .		0