

# Andoni G Moral

## List of Publications by Year in descending order

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14  
papers

306  
citations

1307594

7  
h-index

1125743

13  
g-index

18  
all docs

18  
docs citations

18  
times ranked

420  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Raman Laser Spectrometer for the ExoMars Rover Mission to Mars. <i>Astrobiology</i> , 2017, 17, 627-654.	3.0	186
2	ExoMars Raman Laser Spectrometer (RLS): development of chemometric tools to classify ultramafic igneous rocks on Mars. <i>Scientific Reports</i> , 2020, 10, 16954.	3.3	22
3	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.	2.5	19
4	ExoMars Raman Laser Spectrometer: A Tool to Semiquantify the Serpentinization Degree of Olivine-Rich Rocks on Mars. <i>Astrobiology</i> , 2021, 21, 307-322.	3.0	13
5	Design, development, and scientific performance of the Raman Laser Spectrometer EQM on the 2020 ExoMars (ESA) Mission. <i>Journal of Raman Spectroscopy</i> , 2020, 51, 1771-1781.	2.5	12
6	Spectroscopic study of terrestrial analogues to support rover missions to Mars – A Raman-centred review. <i>Analytica Chimica Acta</i> , 2022, 1209, 339003.	5.4	12
7	ExoFiT trial at the Atacama Desert (Chile): Raman detection of biomarkers by representative prototypes of the ExoMars/Raman Laser Spectrometer. <i>Scientific Reports</i> , 2021, 11, 1461.	3.3	11
8	The Raman laser spectrometer ExoMars simulator (RLS Sim): A heavy-duty Raman tool for ground testing on ExoMars. <i>Journal of Raman Spectroscopy</i> , 2022, 53, 382-395.	2.5	8
9	Analytical database of Martian minerals (ADaMM): Project synopsis and Raman data overview. <i>Journal of Raman Spectroscopy</i> , 2022, 53, 364-381.	2.5	7
10	Raman spectroscopy and planetary exploration: Testing the ExoMars/RLS system at the Tabernas Desert (Spain). <i>Microchemical Journal</i> , 2021, 165, 106149.	4.5	6
11	RLS iOH: ExoMars Raman laser spectrometer optical head bread board to flight model design and performance evolutions. <i>Journal of Raman Spectroscopy</i> , 2020, 51, 1761-1770.	2.5	4
12	The Raman Laser Spectrometer: A performance study using ExoMars representative crushed samples. <i>Journal of Raman Spectroscopy</i> , 2022, 53, 396-410.	2.5	2
13	CAN Implementation and Performance for Raman Laser Spectrometer (RLS) Instrument on Exomars 2020 Mission. <i>IEEE Transactions on Emerging Topics in Computing</i> , 2021, 9, 67-77.	4.6	1
14	Raman laser spectrometer flight model assembly and integration verification: end-to-end functional tests for thermal strap assembly procedure redefinition. , 2019, , .		0