

# Miles Egan

## List of Publications by Year in descending order

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15  
papers

580  
citations

1040056

9  
h-index

996975

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g-index

15  
all docs

15  
docs citations

15  
times ranked

584  
citing authors

#	ARTICLE	IF	CITATIONS
1	The SuperCam Instrument Suite on the NASA Mars 2020 Rover: Body Unit and Combined System Tests. <i>Space Science Reviews</i> , 2021, 217, 4.	8.1	160
2	Remote Raman Spectroscopy for Planetary Exploration: A Review. <i>Applied Spectroscopy</i> , 2012, 66, 137-150.	2.2	105
3	Remote Pulsed Laser Raman Spectroscopy System for Mineral Analysis on Planetary Surfaces to 66 Meters. <i>Applied Spectroscopy</i> , 2002, 56, 699-705.	2.2	95
4	Raman Spectroscopy Using a Spatial Heterodyne Spectrometer: Proof of Concept. <i>Applied Spectroscopy</i> , 2011, 65, 849-857.	2.2	68
5	Ultraviolet Stand-off Raman Measurements Using a Gated Spatial Heterodyne Raman Spectrometer. <i>Applied Spectroscopy</i> , 2016, 70, 666-675.	2.2	28
6	Deep-Ultraviolet Raman Measurements Using a Spatial Heterodyne Raman Spectrometer (SHRS). <i>Applied Spectroscopy</i> , 2015, 69, 525-534.	2.2	26
7	Miniature Spatial Heterodyne Raman Spectrometer with a Cell Phone Camera Detector. <i>Applied Spectroscopy</i> , 2017, 71, 988-995.	2.2	25
8	Remote Raman Detection of Chemicals from 1752â€‰m During Afternoon Daylight. <i>Applied Spectroscopy</i> , 2020, 74, 233-240.	2.2	18
9	Transmission Raman Measurements Using a Spatial Heterodyne Raman Spectrometer (SHRS). <i>Applied Spectroscopy</i> , 2017, 71, 250-257.	2.2	16
10	Optimizing Data Reduction Procedures in Spatial Heterodyne Raman Spectroscopy with Applications to Planetary Surface Analogs. <i>Applied Spectroscopy</i> , 2018, 72, 933-942.	2.2	10
11	Oneâ€‰mirror, oneâ€‰grating spatial heterodyne spectrometer for remoteâ€‰sensing Raman spectroscopy. <i>Journal of Raman Spectroscopy</i> , 2020, 51, 1794-1801.	2.5	9
12	Detecting Minerals and Organics Relevant to Planetary Exploration Using a Compact Portable Remote Raman System at 122 Meters. <i>Applied Spectroscopy</i> , 2021, 75, 299-306.	2.2	9
13	EXPRESS: Suppressing the Multiplex Disadvantage in Photon-Noise-Limited Interferometry Using Cross-Dispersed Spatial Heterodyne Spectrometry. <i>Applied Spectroscopy</i> , 2021, 75, 000370282094673.	2.2	5
14	Underwater Time-Gated Standoff Raman Sensor for In Situ Chemical Sensing. <i>Applied Spectroscopy</i> , 2021, 75, 739-746.	2.2	4
15	Compact Color Biofinder (CoCoBi): Fast, Standoff, Sensitive Detection of Biomolecules and Polyaromatic Hydrocarbons for the Detection of Life. <i>Applied Spectroscopy</i> , 2021, 75, 1427-1436.	2.2	2