

Joseph Razzell Hollis

List of Publications by Year in descending order

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11
papers

342
citations

1040056

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1281871

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13
all docs

13
docs citations

13
times ranked

520
citing authors

#	ARTICLE	IF	CITATIONS
1	Corrigendum to "Deep-ultraviolet Raman spectra of Mars-relevant evaporite minerals under 248.6 nm excitation" [Icarus 351 (2020) 113969]. Icarus, 2021, 357, 114068.	2.5	0
2	Perseverance's Scanning Habitable Environments with Raman and Luminescence for Organics and Chemicals (SHERLOC) Investigation. Space Science Reviews, 2021, 217, 1.	8.1	94
3	Calibration of the SHERLOC Deep Ultraviolet Fluorescence Raman Spectrometer on the Perseverance Rover. Applied Spectroscopy, 2021, 75, 000370282110133.	2.2	18
4	Detection and Degradation of Adenosine Monophosphate in Perchlorate-Spiked Martian Regolith Analog, by Deep-Ultraviolet Spectroscopy. Astrobiology, 2021, 21, 511-525.	3.0	10
5	A deep-ultraviolet Raman and Fluorescence spectral library of 62 minerals for the SHERLOC instrument onboard Mars 2020. Planetary and Space Science, 2021, 209, 105356.	1.7	21
6	An Optical Model for Quantitative Raman Microspectroscopy. Applied Spectroscopy, 2020, 74, 684-700.	2.2	16
7	"Deep-ultraviolet Raman spectra of Mars-relevant evaporite minerals under 248.6 nm excitation"; Icarus, 2020, 351, 113969.	2.5	6
8	The Cell and the Sum of Its Parts: Patterns of Complexity in Biosignatures as Revealed by Deep UV Raman Spectroscopy. Frontiers in Microbiology, 2019, 10, 679.	3.5	24
9	Raman spectroscopy as an advanced structural nanoprobe for conjugated molecular semiconductors. Journal Physics D: Applied Physics, 2017, 50, 073001.	2.8	86
10	Effects of Side-Chain Length and Shape on Polytellurophene Molecular Order and Blend Morphology. Journal of Physical Chemistry C, 2017, 121, 2088-2098.	3.1	28
11	Solution processing of polymer semiconductor: Insulator blends "Tailored optical properties through liquid-liquid phase separation control. Journal of Polymer Science, Part B: Polymer Physics, 2015, 53, 304-310.	2.1	25