

# Melissa Guzman

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7067721/publications.pdf>

Version: 2024-02-01

6  
papers

126  
citations

1684188

5  
h-index

1872680

6  
g-index

6  
all docs

6  
docs citations

6  
times ranked

182  
citing authors

#	ARTICLE	IF	CITATIONS
1	First Detections of Dichlorobenzene Isomers and Trichloromethylpropane from Organic Matter Indigenous to Mars Mudstone in Gale Crater, Mars: Results from the Sample Analysis at Mars Instrument Onboard the Curiosity Rover. <i>Astrobiology</i> , 2020, 20, 292-306.	3.0	50
2	Identification of Chlorobenzene in the Viking Gas Chromatograph-Mass Spectrometer Data Sets: Reanalysis of Viking Mission Data Consistent With Aromatic Organic Compounds on Mars. <i>Journal of Geophysical Research E: Planets</i> , 2018, 123, 1674-1683.	3.6	31
3	Pyrolysis of Oxalate, Acetate, and Perchlorate Mixtures and the Implications for Organic Salts on Mars. <i>Journal of Geophysical Research E: Planets</i> , 2021, 126, e2020JE006803.	3.6	20
4	Influence of Calcium Perchlorate on the Search for Organics on Mars with Tetramethylammonium Hydroxide Thermochemolysis. <i>Astrobiology</i> , 2021, 21, 279-297.	3.0	10
5	Testing the capabilities of the Mars Organic Molecule Analyser (MOMA) chromatographic columns for the separation of organic compounds on Mars. <i>Planetary and Space Science</i> , 2020, 186, 104903.	1.7	9
6	Influence of Calcium Perchlorate on the Search for Martian Organic Compounds with MTBSTFA/DMF Derivatization. <i>Astrobiology</i> , 2021, 21, 1137-1156.	3.0	6