

# Imanol Torre-Fdez

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3301352/publications.pdf>

Version: 2024-02-01

11  
papers

94  
citations

1478505

6  
h-index

1372567

10  
g-index

14  
all docs

14  
docs citations

14  
times ranked

116  
citing authors

#	ARTICLE	IF	CITATIONS
1	ExoMars Raman Laser Spectrometer: A Tool for the Potential Recognition of Wet-Target Craters on Mars. <i>Astrobiology</i> , 2020, 20, 349-363.	3.0	17
2	Geochemical study of the Northwest Africa 6148 Martian meteorite and its terrestrial weathering processes. <i>Journal of Raman Spectroscopy</i> , 2017, 48, 1536-1543.	2.5	14
3	Spectroscopic study of olivine-bearing rocks and its relevance to the ExoMars rover mission. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 223, 117360.	3.9	14
4	Development of innovative non-destructive analytical strategies for Mars Sample Return tested on Dar al Gani 735 Martian Meteorite. <i>Talanta</i> , 2021, 224, 121863.	5.5	9
5	Interrelationships in the Gypsum–Syngeite–Jarosite System and Their Possible Formation on Mars. <i>Astrobiology</i> , 2021, 21, 332-344.	3.0	8
6	Non-destructive characterisation of the Elephant Moraine 83227 meteorite using confocal Raman, micro-energy-dispersive X-ray fluorescence and Raman-scanning electron microscope-energy-dispersive X-ray microscopies. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 7477-7488.	3.7	7
7	New Raman–visible near-infrared database of inorganic and mineralogical planetary and terrestrial compounds and its implications for Mars: Phyllosilicates. <i>Journal of Raman Spectroscopy</i> , 2020, 51, 1750-1760.	2.5	7
8	Study of a terrestrial Martian analogue: Geochemical characterization of the Meakoz outcrops (Biscay, Spain). <i>Journal of Raman Spectroscopy</i> , 2020, 51, 1603-1612.	2.5	5
9	Mineralogy of the RBT 04262 Martian meteorite as determined by micro-Raman and micro-X-ray fluorescence spectroscopies. <i>Journal of Raman Spectroscopy</i> , 2022, 53, 450-462.	2.5	5
10	Original and alteration mineral phases in the NWA 10628 Martian shergottite determined by micro-Raman spectroscopy assisted with micro-energy dispersive X-ray fluorescence imaging. <i>Journal of Raman Spectroscopy</i> , 0, , .	2.5	4
11	Characterization of sedimentary and volcanic rocks in Armintza outcrop (Biscay, Spain) and its implication for Oxia Planum (Mars) exploration. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 251, 119443.	3.9	3