

# GÃ©raldine ZenhÃ©usern

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9718283/publications.pdf>

Version: 2024-02-01

8  
papers

349  
citations

1307594

7  
h-index

1588992

8  
g-index

9  
all docs

9  
docs citations

9  
times ranked

226  
citing authors

#	ARTICLE	IF	CITATIONS
1	Seismic detection of the martian core. <i>Science</i> , 2021, 373, 443-448.	12.6	169
2	Potential Pitfalls in the Analysis and Structural Interpretation of Seismic Data from the Mars <i>InSight</i> Mission. <i>Bulletin of the Seismological Society of America</i> , 2021, 111, 2982-3002.	2.3	42
3	The shallow structure of Mars at the InSight landing site from inversion of ambient vibrations. <i>Nature Communications</i> , 2021, 12, 6756.	12.8	40
4	Resonances and Lander Modes Observed by InSight on Mars (1â€“9ÂHz). <i>Bulletin of the Seismological Society of America</i> , 2021, 111, 2924-2950.	2.3	30
5	The Far Side of Mars: Two Distant Marsquakes Detected by InSight. <i>The Seismic Record</i> , 2022, 2, 88-99.	3.1	29
6	Low-Frequency Marsquakes and Where to Find Them: Back Azimuth Determination Using a Polarization Analysis Approach. <i>Bulletin of the Seismological Society of America</i> , 2022, 112, 1787-1805.	2.3	24
7	Seismic constraints from a Mars impact experiment using InSight and Perseverance. <i>Nature Astronomy</i> , 2022, 6, 59-64.	10.1	9
8	Towards probing Earthâ€™s upper mantle with daily magnetic field variations: exploring a physics-based parametrization of the source. <i>Earth, Planets and Space</i> , 2021, 73, .	2.5	5