

# Fabian Euchner

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/641459/publications.pdf>

Version: 2024-02-01

17  
papers

1,165  
citations

567281

15  
h-index

940533

16  
g-index

19  
all docs

19  
docs citations

19  
times ranked

749  
citing authors

#	ARTICLE	IF	CITATIONS
1	SEIS: Insight's Seismic Experiment for Internal Structure of Mars. <i>Space Science Reviews</i> , 2019, 215, 12.	8.1	238
2	Constraints on the shallow elastic and anelastic structure of Mars from InSight seismic data. <i>Nature Geoscience</i> , 2020, 13, 213-220.	12.9	207
3	The seismicity of Mars. <i>Nature Geoscience</i> , 2020, 13, 205-212.	12.9	194
4	The Marsquake catalogue from InSight, sols 0-478. <i>Physics of the Earth and Planetary Interiors</i> , 2021, 310, 106595.	1.9	97
5	Companion guide to the marsquake catalog from InSight, Sols 0-478: Data content and non-seismic events. <i>Physics of the Earth and Planetary Interiors</i> , 2021, 310, 106597.	1.9	64
6	Single-station and single-event marsquake location and inversion for structure using synthetic Martian waveforms. <i>Physics of the Earth and Planetary Interiors</i> , 2016, 258, 28-42.	1.9	56
7	A probabilistic framework for single-station location of seismicity on Earth and Mars. <i>Physics of the Earth and Planetary Interiors</i> , 2017, 262, 48-65.	1.9	50
8	First Focal Mechanisms of Marsquakes. <i>Journal of Geophysical Research E: Planets</i> , 2021, 126, e2020JE006546.	3.6	43
9	The Marsquake Service: Securing Daily Analysis of SEIS Data and Building the Martian Seismicity Catalogue for InSight. <i>Space Science Reviews</i> , 2018, 214, 1.	8.1	41
10	High-Frequency Seismic Events on Mars Observed by InSight. <i>Journal of Geophysical Research E: Planets</i> , 2021, 126, e2020JE006670.	3.6	40
11	The Far Side of Mars: Two Distant Marsquakes Detected by InSight. <i>The Seismic Record</i> , 2022, 2, 88-99.	3.1	29
12	From Initial Models of Seismicity, Structure and Noise to Synthetic Seismograms for Mars. <i>Space Science Reviews</i> , 2017, 211, 595-610.	8.1	25
13	Magnitude Scales for Marsquakes Calibrated from InSight Data. <i>Bulletin of the Seismological Society of America</i> , 2021, 111, 3003-3015.	2.3	25
14	Super High Frequency Events: A New Class of Events Recorded by the InSight Seismometers on Mars. <i>Journal of Geophysical Research E: Planets</i> , 2021, 126, e2020JE006599.	3.6	19
15	Magnitude Scales for Marsquakes. <i>Bulletin of the Seismological Society of America</i> , 2018, 108, 2764-2777.	2.3	18
16	Seismic High-Resolution Acquisition Electronics for the NASA InSight Mission on Mars. <i>Bulletin of the Seismological Society of America</i> , 2021, 111, 2909-2923.	2.3	17
17	Measuring Fundamental and Higher Mode Surface Wave Dispersion on Mars From Seismic Waveforms. <i>Earth and Space Science</i> , 2021, 8, e2020EA001263.	2.6	0