

Fabian Euchner

List of Publications by Year in descending order

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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	The Far Side of Mars: Two Distant Marsquakes Detected by InSight. <i>The Seismic Record</i> , 2022, 2, 88-99.	3.1	29
2	Companion guide to the marsquake catalog from InSight, Sols 0â€“478: Data content and non-seismic events. <i>Physics of the Earth and Planetary Interiors</i> , 2021, 310, 106597.	1.9	64
3	The Marsquake catalogue from InSight, sols 0â€“478. <i>Physics of the Earth and Planetary Interiors</i> , 2021, 310, 106595.	1.9	97
4	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
5	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
6	Highâ€“Frequency Seismic Events on Mars Observed by InSight. <i>Journal of Geophysical Research E: Planets</i> , 2021, 126, e2020JE006670.	3.6	40
7	First Focal Mechanisms of Marsquakes. <i>Journal of Geophysical Research E: Planets</i> , 2021, 126, e2020JE006546.	3.6	43
8	Magnitude Scales for Marsquakes Calibrated from InSight Data. <i>Bulletin of the Seismological Society of America</i> , 2021, 111, 3003-3015.	2.3	25
9	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
10	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
11	The seismicity of Mars. <i>Nature Geoscience</i> , 2020, 13, 205-212.	12.9	194
12	SEIS: InSightâ€™s Seismic Experiment for Internal Structure of Mars. <i>Space Science Reviews</i> , 2019, 215, 12.	8.1	238
13	Magnitude Scales for Marsquakes. <i>Bulletin of the Seismological Society of America</i> , 2018, 108, 2764-2777.	2.3	18
14	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
15	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
16	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
17	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