# MÃ©lanie Drilleau

List of Publications by Year
in descending order



| 14 | 600 | 840776 11 | 1125743 13 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 17 | 17 | 17 | 406 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | The influence of gravity on granular impacts. Astronomy and Astrophysics, 2022, 658, A118. | 5.1 | 5 |
| 2 | Geometry and Segmentation of Cerberus Fossae, Mars: Implications for Marsquake Properties. Journal of Geophysical Research E: Planets, 2022, 127, . | 3.6 | 20 |
| 3 | Seismic sources of InSight marsquakes and seismotectonic context of Elysium Planitia, Mars. Tectonophysics, 2022, 837, 229434. | 2.2 | 18 |
| 4 | The Polarization of Ambient Noise on Mars. Journal of Geophysical Research E: Planets, 2021, 126, e2020JE006545. | 3.6 | 33 |
| 5 | Measuring Fundamental and Higher Mode Surface Wave Dispersion on Mars From Seismic Waveforms. Earth and Space Science, 2021, 8, e2020EA001263. | 2.6 | 0 |
| 6 | Bayesian inversion of the Martian structure using geodynamic constraints. Geophysical Journal International, 2021, 226, 1615-1644. | 2.4 | 12 |
| 7 | Seismic Noise Autocorrelations on Mars. Earth and Space Science, 2021, 8, e2021EA001755. | 2.6 | 31 |
| 8 | Upper mantle structure of Mars from InSight seismic data. Science, 2021, 373, 434-438. | 12.6 | 105 |
| 9 | Seismic detection of the martian core. Science, 2021, 373, 443-448. | 12.6 | 169 |
| 10 | Energy Envelope and Attenuation Characteristics of High-Frequency (HF) and Very-High-Frequency (VF) Martian Events. Bulletin of the Seismological Society of America, 2021, 111, 3016-3034. | 2.3 | 23 |
| 11 | MSS/1: Singleâ€Station and Singleâ€Event Marsquake Inversion. Earth and Space Science, 2020, 7, e2020EA001118. | 2.6 | 16 |
| 12 | Subsurface Structure at the InSight Landing Site From Compliance Measurements by Seismic and Meteorological Experiments. Journal of Geophysical Research E: Planets, 2020, 125, e2020JE006387. | 3.6 | 44 |
| 13 | Planned Products of the Mars Structure Service for the InSight Mission to Mars. Space Science Reviews, 2017, 211, 611-650. | 8.1 | 80 |
| 14 | Preparing for InSight: An Invitation to Participate in a Blind Test for Martian Seismicity. Seismological Research Letters, 2017, 88, 1290-1302. | 1.9 | 37 |