

# Matthieu Plasman

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5091127/publications.pdf>

Version: 2024-02-01

12  
papers

535  
citations

1163117

8  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

309  
citing authors

#	ARTICLE	IF	CITATIONS
1	Seismic detection of the martian core. <i>Science</i> , 2021, 373, 443-448.	12.6	169
2	Thickness and structure of the martian crust from InSight seismic data. <i>Science</i> , 2021, 373, 438-443.	12.6	140
3	Upper mantle structure of Mars from InSight seismic data. <i>Science</i> , 2021, 373, 434-438.	12.6	105
4	The Far Side of Mars: Two Distant Marsquakes Detected by InSight. <i>The Seismic Record</i> , 2022, 2, 88-99.	3.1	29
5	Energy Envelope and Attenuation Characteristics of High-Frequency (HF) and Very-High-Frequency (VF) Martian Events. <i>Bulletin of the Seismological Society of America</i> , 2021, 111, 3016-3034.	2.3	23
6	The whirlwinds of Elysium: A catalog and meteorological characteristics of "dust devil" vortices observed by InSight on Mars. <i>Icarus</i> , 2021, 355, 114119.	2.5	20
7	Seismic sources of InSight marsquakes and seismotectonic context of Elysium Planitia, Mars. <i>Tectonophysics</i> , 2022, 837, 229434.	2.2	18
8	Anatomy of Continuous Mars SEIS and Pressure Data from Unsupervised Learning. <i>Bulletin of the Seismological Society of America</i> , 2021, 111, 2964-2981.	2.3	14
9	Lithospheric Structure of a Transitional Magmatic to Amagmatic Continental Rift System "Insights from Magnetotelluric and Local Tomography Studies in the North Tanzanian Divergence, East African Rift. <i>Geosciences (Switzerland)</i> , 2019, 9, 462.	2.2	8
10	The anomalously-propagating South Kenya rift in the context of the North Tanzanian Divergence zone, East Africa. <i>Tectonophysics</i> , 2021, 814, 228968.	2.2	4
11	From space to lithosphere: inversion of the GOCE gravity gradients. Supply to the Earth's interior study. <i>Geophysical Journal International</i> , 2020, 223, 398-419.	2.4	3
12	Questions to Heaven. <i>Astronomy and Geophysics</i> , 2021, 62, 6.22-6.25.	0.2	2