

# Antoine Mocquet

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6143614/publications.pdf>

Version: 2024-02-01

18  
papers

1,724  
citations

516710

16  
h-index

839539

18  
g-index

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all docs

18  
docs citations

18  
times ranked

1421  
citing authors

#	ARTICLE	IF	CITATIONS
1	RÃ%oSIF-SI: A Distributed Information System for French Seismological Data. Seismological Research Letters, 2021, 92, 1832-1853.	1.9	9
2	The mantle transition zone dynamics as revealed through seismic anisotropy. Tectonophysics, 2021, 821, 229133.	2.2	4
3	MSS/1: Singleâ€Station and Singleâ€Event Marsquake Inversion. Earth and Space Science, 2020, 7, e2020EA001118.	2.6	16
4	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
5	Constraints on the shallow elastic and anelastic structure of Mars from InSight seismic data. Nature Geoscience, 2020, 13, 213-220.	12.9	207
6	Initial results from the InSight mission on Mars. Nature Geoscience, 2020, 13, 183-189.	12.9	274
7	SEIS: Insightâ€™s Seismic Experiment for Internal Structure of Mars. Space Science Reviews, 2019, 215, 12.	8.1	238
8	Pre-mission InSights on the Interior of Mars. Space Science Reviews, 2019, 215, 1.	8.1	85
9	The Marsquake Service: Securing Daily Analysis of SEIS Data and Building the Martian Seismicity Catalogue for InSight. Space Science Reviews, 2018, 214, 1.	8.1	41
10	Atmospheric Science with InSight. Space Science Reviews, 2018, 214, 1.	8.1	88
11	Planned Products of the Mars Structure Service for the InSight Mission to Mars. Space Science Reviews, 2017, 211, 611-650.	8.1	80
12	Verifying single-station seismic approaches using Earth-based data: Preparation for data return from the InSight mission to Mars. Icarus, 2015, 248, 230-242.	2.5	71
13	Oceanic lithosphere-asthenosphere boundary from surface wave dispersion data. Journal of Geophysical Research: Solid Earth, 2014, 119, 1079-1093.	3.4	98
14	A Bayesian approach to infer radial models of temperature and anisotropy in the transition zone from surface wave dispersion curves. Geophysical Journal International, 2013, 195, 1165-1183.	2.4	24
15	The deep interior of Venus, Mars, and the Earth: A brief review and the need for planetary surface-based measurements. Planetary and Space Science, 2011, 59, 1048-1061.	1.7	34
16	Geodesy constraints on the interior structure and composition of Mars. Icarus, 2011, 213, 451-472.	2.5	183
17	Interior structure of terrestrial planets: Modeling Mars' mantle and its electromagnetic, geodetic, and seismic properties. Journal of Geophysical Research, 2005, 110, .	3.3	68
18	Computation of seismic profiles from mineral physics: the importance of the non-olivine components for explaining the 660 km depth discontinuity. Physics of the Earth and Planetary Interiors, 1998, 106, 275-298.	1.9	160