

# R Maguire

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2788774/publications.pdf>

Version: 2024-02-01

10  
papers

465  
citations

933447

10  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

420  
citing authors

#	ARTICLE	IF	CITATIONS
1	Seismic detection of the martian core. <i>Science</i> , 2021, 373, 443-448.	12.6	169
2	Upper mantle structure of Mars from InSight seismic data. <i>Science</i> , 2021, 373, 434-438.	12.6	105
3	Potential Pitfalls in the Analysis and Structural Interpretation of Seismic Data from the Mars InSight Mission. <i>Bulletin of the Seismological Society of America</i> , 2021, 111, 2982-3002.	2.3	42
4	Improving Constraints on Planetary Interiors With PPs Receiver Functions. <i>Journal of Geophysical Research E: Planets</i> , 2021, 126, e2021JE006983.	3.6	34
5	A New Crater Near InSight: Implications for Seismic Impact Detectability on Mars. <i>Journal of Geophysical Research E: Planets</i> , 2020, 125, e2020JE006382.	3.6	24
6	Evaluating the Resolution of Deep Mantle Plumes in Teleseismic Traveltime Tomography. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 384-400.	3.4	23
7	Seismicity on tidally active solid-surface worlds. <i>Icarus</i> , 2020, 338, 113466.	2.5	20
8	Evidence of Subduction-Related Thermal and Compositional Heterogeneity Below the United States From Transition Zone Receiver Functions. <i>Geophysical Research Letters</i> , 2018, 45, 8913-8922.	4.0	18
9	Scattering Attenuation of the Martian Interior through Coda-Wave Analysis. <i>Bulletin of the Seismological Society of America</i> , 2021, 111, 3035-3054.	2.3	17
10	Signals of 660-km topography and harzburgite enrichment in seismic images of whole-mantle upwellings. <i>Geophysical Research Letters</i> , 2017, 44, 3600-3607.	4.0	13