

Matthew O Fillingim

List of Publications by Year in descending order

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Version: 2024-02-01

6
papers

288
citations

1477746

6
h-index

1872312

6
g-index

6
all docs

6
docs citations

6
times ranked

472
citing authors

#	ARTICLE	IF	CITATIONS
1	Nightside ionosphere of Mars: Modeling the effects of crustal magnetic fields and electron pitch angle distributions on electron impact ionization. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	88
2	Crustal and time-varying magnetic fields at the InSight landing site on Mars. <i>Nature Geoscience</i> , 2020, 13, 199-204.	5.4	68
3	Three-dimensional structure of the Martian nightside ionosphere: Predicted rates of impact ionization from Mars Global Surveyor magnetometer and electron reflectometer measurements of precipitating electrons. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	65
4	Electrodynamics of the Martian dynamo region near magnetic cusps and loops. <i>Geophysical Research Letters</i> , 2014, 41, 1119-1125.	1.5	26
5	Three-dimensional multifluid modeling of atmospheric electrodynamics in Mars' dynamo region. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 3647-3659.	0.8	21
6	Modeling Wind-Driven Ionospheric Dynamo Currents at Mars: Expectations for InSight Magnetic Field Measurements. <i>Geophysical Research Letters</i> , 2019, 46, 5083-5091.	1.5	20