

Thomas Max Roberts

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

90
citations

1684188

5
h-index

1474206

9
g-index

12
all docs

12
docs citations

12
times ranked

152
citing authors

#	ARTICLE	IF	CITATIONS
1	Fast Auroral Imager (FAI) for the e-POP Mission. <i>Space Science Reviews</i> , 2015, 189, 15-25.	8.1	17
2	Turbulent fluctuations during pellet injection into a dipole confined plasma torus. <i>Physics of Plasmas</i> , 2017, 24, .	1.9	13
3	Two-Dimensional Maps of In Situ Ionospheric Plasma Flow Data Near Auroral Arcs Using Auroral Imagery. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 3036-3056.	2.4	12
4	Magnetometer-Based Attitude Determination for Deployed Spin-Stabilized Spacecraft. <i>Journal of Guidance, Control, and Dynamics</i> , 2017, 40, 2941-2947.	2.8	11
5	A Deep-Learning Approach to Soil Moisture Estimation with GNSS-R. <i>Remote Sensing</i> , 2022, 14, 3299.	4.0	8
6	Overview of the Rocket Experiment for Neutral Upwelling Sounding Rocket 2 (RENU2). <i>Geophysical Research Letters</i> , 2020, 47, e2018GL081885.	4.0	7
7	A small spacecraft for multipoint measurement of ionospheric plasma. <i>Review of Scientific Instruments</i> , 2017, 88, 073507.	1.3	6
8	Auroral ionospheric plasma flow extraction using subsonic retarding potential analyzers. <i>Review of Scientific Instruments</i> , 2020, 91, 094503.	1.3	6
9	Detection and Localization of Terrestrial L-Band RFI With GNSS Receivers. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-11.	6.3	4
10	Imaging free-falling particles for multipoint measurement of plasma fluctuations. <i>Review of Scientific Instruments</i> , 2015, 86, 083510.	1.3	3
11	Conditioning Jovian Burst Signals for Passive Sounding Applications. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-14.	6.3	3
12	Local regulation of interchange turbulence in a dipole-confined plasma torus using	1.9	0