

Matthew A Hei

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

152
citations

1307594

7
h-index

1474206

9
g-index

9
all docs

9
docs citations

9
times ranked

188
citing authors

#	ARTICLE	IF	CITATIONS
1	Seasonal and longitudinal variation of large-scale topside equatorial plasma depletions. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	70
2	Measurement of the Characteristics of TIDs Using Small and Regional Networks of GPS Receivers during the Campaign of 17 th –30 July of 2008. <i>International Journal of Geophysics</i> , 2012, 2012, 1-14.	1.1	27
3	Radio τ tomographic images of postmidnight equatorial plasma depletions. <i>Geophysical Research Letters</i> , 2014, 41, 13-19.	4.0	12
4	Ionospheric τ thermospheric UV tomography: 1. Image space reconstruction algorithms. <i>Radio Science</i> , 2017, 52, 338-356.	1.6	12
5	Ionospheric τ thermospheric UV tomography: 2. Comparison with incoherent scatter radar measurements. <i>Radio Science</i> , 2017, 52, 357-366.	1.6	8
6	Predictions of HF system performance for propagation through disturbed ionospheres measured using low-Earth-orbit satellite radio beacon tomography. <i>Radio Science</i> , 2014, 49, 506-517.	1.6	7
7	A Comparison of Electron Densities Derived by Tomographic Inversion of the 135.6 τ nm Ionospheric Nightglow Emission to Incoherent Scatter Radar Measurements. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 4585-4596.	2.4	7
8	The November 2004 superstorm: Comparison of low-latitude TEC observations with LLIONS model results. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2010, 72, 334-343.	1.6	6
9	Ionospheric τ thermospheric UV tomography: 3. A multisensor technique for creating full τ orbit reconstructions of atmospheric UV emission. <i>Radio Science</i> , 2017, 52, 896-916.	1.6	3