

Glenn C Hussey

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

203
citations

1307594

7
h-index

1058476

14
g-index

20
all docs

20
docs citations

20
times ranked

230
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of unstable sporadic-E layers in the generation of midlatitude spread F. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	85
2	HF fades caused by multiple wave fronts detected by a dipole antenna in the ionosphere. <i>Radio Science</i> , 2006, 41, n/a-n/a.	1.6	16
3	ICEBEAR: An All-Digital Bistatic Coded Continuous-Wave Radar for Studies of the E Region of the Ionosphere. <i>Radio Science</i> , 2019, 54, 349-364.	1.6	13
4	First results of HF radio science with e-POP RRI and SuperDARN. <i>Radio Science</i> , 2017, 52, 78-93.	1.6	12
5	Relative O- and X-mode transmitted power from SuperDARN as it relates to the RRI instrument on ePOP. <i>Annales Geophysicae</i> , 2010, 28, 861-871.	1.6	11
6	Modelling and observation of transionospheric propagation results from ISIS II in preparation for ePOP. <i>Annales Geophysicae</i> , 2007, 25, 87-97.	1.6	10
7	Statistically Self-Consistent and Accurate Errors for SuperDARN Data. <i>Radio Science</i> , 2018, 53, 93-111.	1.6	7
8	Polarization Characteristics Inferred From the Radio Receiver Instrument on the Enhanced Polar Outflow Probe. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 1648-1662.	2.4	7
9	Coexistence of Lightning Generated Whistlers, Hiss and Lower Hybrid Noise Observed by e-POP (SWARM-E) at RRI. <i>Atmosphere</i> , 2020, 11, 177.	2.3	7
10	ICEBEAR-3D: A Low Elevation Imaging Radar Using a Non-Uniform Coplanar Receiver Array for E Region Observations. <i>Radio Science</i> , 2022, 57, .	1.6	7
11	Modeling measurements of ionospheric density structures using the polarization of high-frequency waves detected by the Radio Receiver Instrument on the enhanced Polar Outflow Probe. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	5
12	Estimating self-clutter of the multiple-pulse technique. <i>Radio Science</i> , 2015, 50, 698-711.	1.6	5
13	Determination of the Azimuthal Extent of Coherent E-Region Scatter Using the ICEBEAR Linear Receiver Array. <i>Radio Science</i> , 2021, 56, e2020RS007191.	1.6	5
14	Ionospheric convection signatures of the interchange cycle at small interplanetary magnetic field clock angles. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	4
15	The Properties of ICEBEAR E-Region Coherent Radar Echoes in the Presence of Near Infrared Auroral Emissions, as Measured by the Swarm Fast Auroral Imager. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, .	2.4	4
16	On the statistics of SuperDARN autocorrelation function estimates. <i>Radio Science</i> , 2016, 51, 690-703.	1.6	3
17	Radar observation of kinetic effects at meter scales for Farley-Buneman plasma waves. <i>Journal of Geophysical Research</i> , 2002, 107, SIA 2-1.	3.3	2
18	Whistlers and Related Phenomenon Observed by e-POP-RRI. , 2020, , .		0

#	ARTICLE	IF	CITATIONS
19	Modeling the radio wave polarization in transionspheric propagation. , 2022, , .		0
20	Satellite attitude effects on the reception of transionospheric HF signals: Examples from the Radio Receiver Instrument onboard e-POP/Swarm-E. , 2022, , .		0