Gareth Perry

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4641201/publications.pdf

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25	336	932766	887659
papers	citations	10 h-index	17 g-index

36	36	36	429
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Steve: The Optical Signature of Intense Subauroral Ion Drifts. Geophysical Research Letters, 2019, 46, 6279-6286.	1.5	51
2	A Statistical Analysis of STEVE. Journal of Geophysical Research: Space Physics, 2018, 123, 9893-9905.	0.8	48
3	The Vertical Distribution of the Optical Emissions of a Steve and Picket Fence Event. Geophysical Research Letters, 2019, 46, 10719-10725.	1.5	35
4	Spaceâ€time variability of polar cap patches: Direct evidence for internal plasma structuring. Journal of Geophysical Research, 2012, 117, .	3.3	28
5	Lowâ€Altitude Ion Heating, Downflowing Ions, and BBELF Waves in the Return Current Region. Journal of Geophysical Research: Space Physics, 2018, 123, 3087-3110.	0.8	22
6	Automatically determining the origin direction and propagation mode of high-frequency radar backscatter. Radio Science, 2015, 50, 1225-1245.	0.8	17
7	Topside Ionospheric Disturbances Detected Using Radio Occultation Measurements During the August 2017 Solar Eclipse. Geophysical Research Letters, 2019, 46, 7069-7078.	1.5	15
8	First Observations of Large Scale Traveling Ionospheric Disturbances Using Automated Amateur Radio Receiving Networks. Geophysical Research Letters, 2022, 49, .	1.5	13
9	Spatiotemporally resolved electrodynamic properties of a Sunâ€aligned arc over Resolute Bay. Journal of Geophysical Research: Space Physics, 2015, 120, 9977-9987.	0.8	12
10	First results of HF radio science with eâ€POP RRI and SuperDARN. Radio Science, 2017, 52, 78-93.	0.8	12
11	The Relationship Between Large Scale Thermospheric Density Enhancements and the Spatial Distribution of Poynting Flux. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029205.	0.8	11
12	The interconnection between crossâ€'polar cap convection and the luminosity of polar cap patches. Journal of Geophysical Research: Space Physics, 2013, 118, 7306-7315.	0.8	9
13	Comparison of SuperDARN irregularity drift measurements and F-region ion velocities from the resolute bay ISR. Journal of Atmospheric and Solar-Terrestrial Physics, 2013, 105-106, 325-331.	0.6	8
14	Eclipseâ€Induced Changes to Topside Ion Composition and Fieldâ€Aligned Ion Flows in the August 2017 Solar Eclipse: eâ€POP Observations. Geophysical Research Letters, 2018, 45, 10,829.	1.5	8
15	Citizen Radio Science: An Analysis of Amateur Radio Transmissions With eâ€POP RRI. Radio Science, 2018, 53, 933-947.	0.8	8
16	Solar Influences on the Return Direction of Highâ€Frequency Radar Backscatter. Radio Science, 2018, 53, 577-597.	0.8	7
17	Largeâ€Scale Comparison of Polar Cap Ionospheric Velocities Measured by RISRâ€C, RISRâ€N, and SuperDARN. Radio Science, 2018, 53, 624-639.	0.8	6
18	A Polarâ€Cap Patch Detection Algorithm for the Advanced Modular Incoherent Scatter Radar System. Radio Science, 2018, 53, 1225-1244.	0.8	6

#	Article	IF	Citations
19	Strong Amplification of ELF/VLF Signals in Space Using Neutral Gas Injections From a Satellite Rocket Engine. Radio Science, 2021, 56, e2020RS007207.	0.8	6
20	How Did We Miss This? An Upper Atmospheric Discovery Named STEVE. Eos, 2019, 100, .	0.1	4
21	Ionospheric Energy Input in Response to Changes in Solar Wind Driving: Statistics From the SuperDARN and AMPERE Campaigns. Journal of Geophysical Research: Space Physics, 2022, 127, .	0.8	4
22	Modeling and Validating a SuperDARN Radar's Poynting Flux Profile. Radio Science, 2022, 57, .	0.8	1
23	e-POP's Measurements of the Topside Ionosphere's Response to the 2017 Solar Eclipse. , 2018, , .		0
24	Swarm-E observations of natural and stimulated emissions in the topside ionosphere. , 2019, , .		0
25	Resolving F-region irregularity spectra using novel incoherent scatter radar methods. , 2021, , .		0