

# Nathaniel A Frissell

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

376  
citations

759055

12  
h-index

794469

19  
g-index

27  
all docs

27  
docs citations

27  
times ranked

547  
citing authors

#	ARTICLE	IF	CITATIONS
1	Citizen Scientists Conduct Distributed Doppler Measurement for Ionospheric Remote Sensing. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	1.4	4
2	First Observations of Large Scale Traveling Ionospheric Disturbances Using Automated Amateur Radio Receiving Networks. Geophysical Research Letters, 2022, 49, .	1.5	13
3	Grape Version 1: First prototype of the low-cost personal space weather station receiver. HardwareX, 2022, 11, e00289.	1.1	2
4	Ham Radio Forms a Planet-Sized Space Weather Sensor Network. Eos, 2021, 102, .	0.1	4
5	High-frequency Communications Response to Solar Activity in September 2017 as Observed by Amateur Radio Networks. Space Weather, 2019, 17, 118-132.	1.3	37
6	Modeling Amateur Radio Soundings of the Ionospheric Response to the 2017 Great American Eclipse. Geophysical Research Letters, 2018, 45, 4665-4674.	1.5	15
7	Citizen Radio Science: An Analysis of Amateur Radio Transmissions With ePOP RRI. Radio Science, 2018, 53, 933-947.	0.8	8
8	Investigating Upper Atmospheric Joule Heating Using Cross-Combination of Data for Two Moderate Substorm Cases. Space Weather, 2018, 16, 987-1012.	1.3	14
9	The importance of elevation angle measurements in HF radar investigations of the ionosphere. Radio Science, 2017, 52, 305-320.	0.8	13
10	Simultaneous space and ground-based observations of a plasmaspheric virtual resonance. Journal of Geophysical Research: Space Physics, 2017, 122, 4190-4209.	0.8	8
11	Satellite-beacon Ionospheric-scintillation Global Model of the upper Atmosphere (SIGMA) II: Inverse modeling with high-latitude observations to deduce irregularity physics. Journal of Geophysical Research: Space Physics, 2016, 121, 9188-9203.	0.8	26
12	Sources and characteristics of medium-scale traveling ionospheric disturbances observed by high-frequency radars in the North American sector. Journal of Geophysical Research: Space Physics, 2016, 121, 3722-3739.	0.8	50
13	Observations of storm time midlatitude ion-neutral coupling using SuperDARN radars and NATION Fabry-Perot interferometers. Journal of Geophysical Research: Space Physics, 2015, 120, 8989-9003.	0.8	14
14	High-latitude thermospheric wind observations and simulations with SuperDARN data driven NCAR TIEGCM during the December 2006 magnetic storm. Journal of Geophysical Research: Space Physics, 2015, 120, 6021-6028.	0.8	16
15	Ionospheric Sounding Using Real-Time Amateur Radio Reporting Networks. Space Weather, 2014, 12, 651-656.	1.3	31
16	Storm time response of the midlatitude thermosphere: Observations from a network of Fabry-Perot interferometers. Journal of Geophysical Research: Space Physics, 2014, 119, 6758-6773.	0.8	23
17	Climatology of medium-scale traveling ionospheric disturbances observed by the midlatitude Blackstone SuperDARN radar. Journal of Geophysical Research: Space Physics, 2014, 119, 7679-7697.	0.8	44
18	Principal component analysis of polar cap convection. Geophysical Research Letters, 2012, 39, .	1.5	11

#	ARTICLE	IF	CITATIONS
19	SuperDARN ionospheric space weather. IEEE Aerospace and Electronic Systems Magazine, 2011, 26, 30-34.	2.3	4
20	Superposed epoch analysis of magnetotail flux transport during substorms observed by THEMIS. Journal of Geophysical Research, 2011, 116, .	3.3	23
21	First radar observations in the vicinity of the plasmopause of pulsed ionospheric flows generated by bursty bulk flows. Geophysical Research Letters, 2011, 38, n/a-n/a.	1.5	12
22	Monitoring ionospheric space weather with the Super Dual Auroral Radar Network (SuperDARN). , 2010, , .		2