

Kathryn McWilliams

List of Publications by Citations

Source: <https://exaly.com/author-pdf/4522287/kathryn-mcwilliams-publications-by-citations.pdf>

Version: 2024-04-29

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

16
papers

82
citations

4
h-index

8
g-index

18
ext. papers

131
ext. citations

2.6
avg, IF

2.45
L-index

#	Paper	IF	Citations
16	Long-lasting poloidal ULF waves observed by multiple satellites and high-latitude SuperDARN radars. <i>Journal of Geophysical Research: Space Physics</i> , 2018 , 123, 8422-8438	2.6	23
15	Spreading Speed of Magnetopause Reconnection X-Lines Using Ground-Satellite Coordination. <i>Geophysical Research Letters</i> , 2018 , 45, 80-89	4.9	15
14	First results of HF radio science with e-POP RRI and SuperDARN. <i>Radio Science</i> , 2017 , 52, 78-93	1.4	9
13	Calibrating HF Radar Elevation Angle Measurements Using E-Region Backscatter Echoes. <i>Radio Science</i> , 2018 , 53, 1438-1449	1.4	6
12	A comparison of small-scale magnetic fluctuations in the Region 1 and 2 field-aligned current systems. <i>Journal of Geophysical Research: Space Physics</i> , 2017 , 122, 3277-3290	2.6	4
11	Statistically Self-Consistent and Accurate Errors for SuperDARN Data. <i>Radio Science</i> , 2018 , 53, 93-111	1.4	4
10	On Optimum Solar Wind-Magnetosphere Coupling Functions for Transpolar Voltage and Planetary Geomagnetic Activity. <i>Journal of Geophysical Research: Space Physics</i> , 2021 , 126, e2021JA029946	2.6	4
9	The Relationship Between Large Scale Thermospheric Density Enhancements and the Spatial Distribution of Poynting Flux. <i>Journal of Geophysical Research: Space Physics</i> , 2021 , 126, e2021JA029205	2.6	4
8	A Survey of 25 Years of Transpolar Voltage Data From the SuperDARN Radar Network and the Expanding-Contracting Polar Cap Model. <i>Journal of Geophysical Research: Space Physics</i> , 2021 , 126, e2021JA029554	2.6	4
7	Dayside Field-Aligned Current Impacts on Ionospheric Irregularities. <i>Geophysical Research Letters</i> , 2020 , 47, e2019GL086722	4.9	2
6	Swarm Observations of Dawn/Dusk Asymmetries Between Pedersen Conductance in Upward and Downward Field-Aligned Current Regions. <i>Earth and Space Science</i> , 2021 , 8, e2020EA001167	3.1	2
5	ICEBEAR-3D: A Low Elevation Imaging Radar Using a Non-Uniform Coplanar Receiver Array for E Region Observations. <i>Radio Science</i> , 2022 , 57,	1.4	2
4	Colocated Observations of the E and F Region Thermosphere During a Substorm. <i>Journal of Geophysical Research: Space Physics</i> , 2020 , 125, e2020JA028165	2.6	1
3	Determination of the Azimuthal Extent of Coherent E-Region Scatter Using the ICEBEAR Linear Receiver Array. <i>Radio Science</i> , 2021 , 56, e2020RS007191	1.4	1
2	Simultaneous Development of Multiple Auroral Substorms: Double Auroral Bulge Formation. <i>Journal of Geophysical Research: Space Physics</i> , 2021 , 126, e2020JA028883	2.6	1
1	Unsteady Magnetopause Reconnection Under Quasi-Steady Solar Wind Driving. <i>Geophysical Research Letters</i> , 2022 , 49,	4.9	0