

Kirsti Kauristie

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

537
citations

566801

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h-index

676716

22
g-index

23
all docs

23
docs citations

23
times ranked

700
citing authors

#	ARTICLE	IF	CITATIONS
1	Ground-based instruments of the PWING project to investigate dynamics of the inner magnetosphere at subauroral latitudes as a part of the ERC-ground coordinated observation network. <i>Earth, Planets and Space</i> , 2017, 69, .	0.9	74
2	Space weather risk. <i>Space Weather</i> , 2005, 3, n/a-n/a.	1.3	61
3	Bursty bulk flow intrusion to the inner plasma sheet as inferred from auroral observations. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	46
4	Performance study of the new EMCCD-based all-sky cameras for auroral imaging. <i>International Journal of Remote Sensing</i> , 2011, 32, 2987-3003.	1.3	38
5	Statistical properties of substorms during different storm and solar cycle phases. <i>Annales Geophysicae</i> , 2013, 31, 349-358.	0.6	38
6	Occurrence and average behavior of pulsating aurora. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 5606-5618.	0.8	36
7	Comparison of auroral ionospheric and field-aligned currents derived from Swarm and ground magnetic field measurements. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 9256-9283.	0.8	31
8	A method to derive maps of ionospheric conductances, currents, and convection from the Swarm multisatellite mission. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 3263-3282.	0.8	26
9	Development of low-cost multi-wavelength imager system for studies of aurora and airglow. <i>Polar Science</i> , 2020, 23, 100501.	0.5	25
10	On the dynamics of large-scale traveling ionospheric disturbances over Europe on 20 November 2003. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 1199-1211.	0.8	23
11	Substorm evolution of auroral structures. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 5958-5972.	0.8	22
12	Space Weather Services for Civil Aviation—Challenges and Solutions. <i>Remote Sensing</i> , 2021, 13, 3685.	1.8	22
13	Comparison of the open-closed field line boundary location inferred using IMAGE-FUV SI12 images and EISCAT radar observations. <i>Annales Geophysicae</i> , 2010, 28, 883-892.	0.6	20
14	A pseudo-breakup observation: Localized current wedge across the postmidnight auroral oval. <i>Journal of Geophysical Research</i> , 2003, 108, SIA 4-1.	3.3	18
15	Ionospheric conductances and currents of a morning sector auroral arc from Swarm's electric and magnetic field measurements. <i>Geophysical Research Letters</i> , 2016, 43, 11,519.	1.5	15
16	Solar cycle and diurnal dependence of auroral structures. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 8448-8461.	0.8	12
17	Testing an inversion method for estimating electron energy fluxes from all-sky camera images. <i>Annales Geophysicae</i> , 2004, 22, 1961-1971.	0.6	10
18	Swarm Satellite and EISCAT Radar Observations of a Plasma Flow Channel in the Auroral Oval Near Magnetic Midnight. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 5140-5158.	0.8	9

#	ARTICLE	IF	CITATIONS
19	An Ephemeral Red Arc Appeared at 68° MLat at a Pseudo Breakup During Geomagnetically Quiet Conditions. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA028468.	0.8	5
20	Omega Band Magnetospheric Source Location: A Statistical Model-Based Study. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028997.	0.8	4
21	Substorm-Related Near-Earth Reconnection Surge: Combining Telescopic and Microscopic Views. <i>Geophysical Research Letters</i> , 2019, 46, 6239-6247.	1.5	1
22	Statistics on Omega Band Properties and Related Geomagnetic Variations. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029468.	0.8	1