

Kirsti Kauristie

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

537
citations

567144

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677027

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23
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times ranked

700
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Omega Band Magnetospheric Source Location: A Statistical Model-Based Study. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028997. | 0.8 | 4 |
| 2 | Statistics on Omega Band Properties and Related Geomagnetic Variations. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029468. | 0.8 | 1 |
| 3 | Space Weather Services for Civil Aviation—Challenges and Solutions. <i>Remote Sensing</i> , 2021, 13, 3685. | 1.8 | 22 |
| 4 | Development of low-cost multi-wavelength imager system for studies of aurora and airglow. <i>Polar Science</i> , 2020, 23, 100501. | 0.5 | 25 |
| 5 | 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 |
| 6 | Substorm-Related Near-Earth Reconnection Surge: Combining Telescopic and Microscopic Views. <i>Geophysical Research Letters</i> , 2019, 46, 6239-6247. | 1.5 | 1 |
| 7 | 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 |
| 8 | 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 |
| 9 | Occurrence and average behavior of pulsating aurora. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 5606-5618. | 0.8 | 36 |
| 10 | Ground-based instruments of the PWING project to investigate dynamics of the inner magnetosphere at subauroral latitudes as a part of the ERG-ground coordinated observation network. <i>Earth, Planets and Space</i> , 2017, 69, . | 0.9 | 74 |
| 11 | Ionospheric conductances and currents of a morning sector auroral arc from Swarm electric and magnetic field measurements. <i>Geophysical Research Letters</i> , 2016, 43, 11,519. | 1.5 | 15 |
| 12 | 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 |
| 13 | Substorm evolution of auroral structures. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 5958-5972. | 0.8 | 22 |
| 14 | 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 |
| 15 | Solar cycle and diurnal dependence of auroral structures. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 8448-8461. | 0.8 | 12 |
| 16 | Statistical properties of substorms during different storm and solar cycle phases. <i>Annales Geophysicae</i> , 2013, 31, 349-358. | 0.6 | 38 |
| 17 | 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 |
| 18 | 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 |

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|----|--|-----|-----------|
| 19 | Space weather risk. <i>Space Weather</i> , 2005, 3, n/a-n/a. | 1.3 | 61 |
| 20 | 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 |
| 21 | 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 |
| 22 | 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 |