

Andrew Fazakerley

List of Publications by Year in descending order

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165
papers

5,928
citations

70961

41
h-index

91712

69
g-index

165
all docs

165
docs citations

165
times ranked

2539
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | The Stability of the Electron Strahl against the Oblique Fast-magnetosonic/Whistler Instability in the Inner Heliosphere. <i>Astrophysical Journal Letters</i> , 2022, 926, L26. | 3.0 | 8 |
| 2 | Thin Current Sheet Behind the Dipolarization Front. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029518. | 0.8 | 8 |
| 3 | Impact of the Solar Wind Dynamic Pressure on the Field-Aligned Currents in the Magnetotail: Cluster Observation. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, . | 0.8 | 0 |
| 4 | Unusual Location of the Geotail Magnetopause Near Lunar Orbit: A Case Study. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027401. | 0.8 | 8 |
| 5 | Nighttime Magnetic Perturbation Events Observed in Arctic Canada: 2. Multiple-Instrument Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 7459-7476. | 0.8 | 35 |
| 6 | A three-dimensional model of spiral null pair to form ion-scale flux ropes in magnetic reconnection region observed by Cluster. <i>Physics of Plasmas</i> , 2019, 26, 112901. | 0.7 | 4 |
| 7 | Spatial Distribution and Semiannual Variation of Cold-Dense Plasma Sheet. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 464-472. | 0.8 | 7 |
| 8 | Modeling, Analysis, and Interpretation of Photoelectron Energy Spectra at Enceladus Observed by Cassini. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 287-296. | 0.8 | 5 |
| 9 | Influence of the IMF Cone Angle on Invariant Latitudes of Polar Region Footprints of FACs in the Magnetotail: Cluster Observation. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 2588-2597. | 0.8 | 4 |
| 10 | Observations of Kelvin-Helmholtz Waves in the Earth's Magnetotail Near the Lunar Orbit. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 3836-3847. | 0.8 | 13 |
| 11 | Evaluating the Skill of Forecasts of the Near-Earth Solar Wind Using a Space Weather Monitor at L5. <i>Space Weather</i> , 2018, 16, 814-828. | 1.3 | 22 |
| 12 | A direct examination of the dynamics of dipolarization fronts using MMS. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 4335-4347. | 0.8 | 44 |
| 13 | Slow electrostatic solitary waves in Earth's plasma sheet boundary layer. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 4452-4465. | 0.8 | 38 |
| 14 | Cassini observations of Saturn's southern polar cusp. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 3006-3030. | 0.8 | 17 |
| 15 | Substructures within a dipolarization front revealed by high-temporal resolution Cluster observations. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 5185-5202. | 0.8 | 9 |
| 16 | A sequence of flux transfer events potentially generated by different generation mechanisms. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 8624-8639. | 0.8 | 9 |
| 17 | First in situ evidence of electron pitch angle scattering due to magnetic field line curvature in the ion diffusion region. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 4103-4110. | 0.8 | 15 |
| 18 | <i>In-situ</i> observations of flux ropes formed in association with a pair of spiral nulls in magnetotail plasmas. <i>Physics of Plasmas</i> , 2016, 23, . | 0.7 | 11 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | The Earth: Plasma Sources, Losses, and Transport Processes. <i>Space Science Reviews</i> , 2015, 192, 145-208. | 3.7 | 54 |
| 20 | Evidence of transient reconnection in the outflow jet of primary reconnection site. <i>Annales Geophysicae</i> , 2014, 32, 239-248. | 0.6 | 7 |
| 21 | On the fine structure of dipolarization fronts. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 6367-6385. | 0.8 | 26 |
| 22 | Temporal and spatial scales of a high-flux electron disturbance in the cusp region: Cluster observations. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 4536-4543. | 0.8 | 12 |
| 23 | Direct observation of closed magnetic flux trapped in the high-latitude magnetosphere. <i>Science</i> , 2014, 346, 1506-1510. | 6.0 | 46 |
| 24 | Observation of double layer in the separatrix region during magnetic reconnection. <i>Geophysical Research Letters</i> , 2014, 41, 4851-4858. | 1.5 | 48 |
| 25 | Electron pitch angle/energy distribution in the magnetotail. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 7214-7227. | 0.8 | 39 |
| 26 | In situ spatiotemporal measurements of the detailed azimuthal substructure of the substorm current wedge. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 927-946. | 0.8 | 49 |
| 27 | Solar wind entry into the high-latitude terrestrial magnetosphere during geomagnetically quiet times. <i>Nature Communications</i> , 2013, 4, 1466. | 5.8 | 68 |
| 28 | Sources of electron pitch angle anisotropy in the magnetotail plasma sheet. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 6042-6054. | 0.8 | 32 |
| 29 | Cluster observations near reconnection X lines in Earth's magnetotail current sheet. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 4199-4209. | 0.8 | 19 |
| 30 | Characteristics of the Taylor microscale in the solar wind/foreshock: magnetic field and electron velocity measurements. <i>Annales Geophysicae</i> , 2013, 31, 2063-2075. | 0.6 | 3 |
| 31 | Double cusp encounter by Cluster: double cusp or motion of the cusp?. <i>Annales Geophysicae</i> , 2013, 31, 713-723. | 0.6 | 13 |
| 32 | Observation of multiple subcavities adjacent to single separatrix. <i>Geophysical Research Letters</i> , 2013, 40, 2511-2517. | 1.5 | 27 |
| 33 | An indication of the existence of a solar wind strahl at 10 AU. <i>Geophysical Research Letters</i> , 2013, 40, 2495-2499. | 1.5 | 10 |
| 34 | Magnetic topologies of an in vivo FTE observed by Double Star/TC-1 at Earth's magnetopause. <i>Geophysical Research Letters</i> , 2013, 40, 3502-3506. | 1.5 | 62 |
| 35 | Flow bouncing and electron injection observed by Cluster. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 2055-2072. | 0.8 | 38 |
| 36 | Spatial distribution of rolled up Kelvin-Helmholtz vortices at Earth's dayside and flank magnetopause. <i>Annales Geophysicae</i> , 2012, 30, 1025-1035. | 0.6 | 59 |

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| 37 | Inner plasma structure of the low-latitude reconnection layer. Journal of Geophysical Research, 2012, 117, . | 3.3 | 9 |
| 38 | Temporal evolution and electric potential structure of the auroral acceleration region from multispacecraft measurements. Journal of Geophysical Research, 2012, 117, . | 3.3 | 11 |
| 39 | Electron dynamics in the reconnection ion diffusion region. Journal of Geophysical Research, 2012, 117, . | 3.3 | 12 |
| 40 | Asymmetry in the current sheet and secondary magnetic flux ropes during guide field magnetic reconnection. Journal of Geophysical Research, 2012, 117, . | 3.3 | 40 |
| 41 | Solar cycle variations of the Cluster spacecraft potential and its use for electron density estimations. Journal of Geophysical Research, 2012, 117, . | 3.3 | 52 |
| 42 | AXIOM: advanced X-ray imaging of the magnetosphere. Experimental Astronomy, 2012, 33, 403-443. | 1.6 | 30 |
| 43 | IMPALAS: Investigation of MagnetoPause Activity using Longitudinally-Aligned Satellites—a mission concept proposed for the ESA M3 2020/2022 launch. Experimental Astronomy, 2012, 33, 365-401. | 1.6 | 0 |
| 44 | Uranus Pathfinder: exploring the origins and evolution of Ice Giant planets. Experimental Astronomy, 2012, 33, 753-791. | 1.6 | 44 |
| 45 | Alfvénic magnetosphere-ionosphere connection explorers. Experimental Astronomy, 2012, 33, 445-489. | 1.6 | 9 |
| 46 | Midnight sector observations of auroral omega bands. Journal of Geophysical Research, 2011, 116, . | 3.3 | 18 |
| 47 | Saturn's low-latitude boundary layer: 2. Electron structure. Journal of Geophysical Research, 2011, 116, n/a-n/a. | 3.3 | 3 |
| 48 | Average magnetotail electron and proton pitch angle distributions from Cluster PEACE and CIS observations. Geophysical Research Letters, 2011, 38, n/a-n/a. | 1.5 | 59 |
| 49 | Spatiotemporal features of the auroral acceleration region as observed by Cluster. Journal of Geophysical Research, 2011, 116, n/a-n/a. | 3.3 | 17 |
| 50 | Evolution in space and time of the quasi-static acceleration potential of inverted-V aurora and its interaction with Alfvénic boundary processes. Journal of Geophysical Research, 2011, 116, n/a-n/a. | 3.3 | 22 |
| 51 | Evidence of the origin of the Hall magnetic field for reconnection: Hall MHD reconstruction results from Cluster observations. Journal of Geophysical Research, 2011, 116, n/a-n/a. | 3.3 | 17 |
| 52 | Observations of electron vorticity in the inner plasma sheet. Annales Geophysicae, 2011, 29, 1517-1527. | 0.6 | 4 |
| 53 | On The Propagation And Modulation Of Electrostatic Solitary Waves Observed Near The Magnetopause On Cluster. AIP Conference Proceedings, 2011, , . | 0.3 | 1 |
| 54 | Cluster observations of a transient signature in the magnetotail: implications for the mode of reconnection. Annales Geophysicae, 2011, 29, 2131-2146. | 0.6 | 4 |

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|----|--|-----|-----------|
| 55 | First measurements of electron vorticity in the foreshock and solar wind. <i>Annales Geophysicae</i> , 2010, 28, 2187-2200. | 0.6 | 9 |
| 56 | A new form of Saturn's magnetopause using a dynamic pressure balance model, based on in situ, multi-instrument Cassini measurements. <i>Journal of Geophysical Research</i> , 2010, 115, . | 3.3 | 145 |
| 57 | South-north asymmetry of field-aligned currents in the magnetotail observed by Cluster. <i>Journal of Geophysical Research</i> , 2010, 115, . | 3.3 | 34 |
| 58 | Electron acceleration signatures in the magnetotail associated with substorms. <i>Journal of Geophysical Research</i> , 2010, 115, . | 3.3 | 64 |
| 59 | Cluster observations of bidirectional beams caused by electron trapping during antiparallel reconnection. <i>Journal of Geophysical Research</i> , 2010, 115, . | 3.3 | 58 |
| 60 | Simultaneous FAST and Double Star TC1 observations of broadband electrons during a storm time substorm. <i>Journal of Geophysical Research</i> , 2010, 115, . | 3.3 | 6 |
| 61 | Generation of whistler mode emissions in the inner magnetosphere: An event study. <i>Journal of Geophysical Research</i> , 2010, 115, . | 3.3 | 39 |
| 62 | Characteristics of Langmuir electric field waveforms and power spectra exhibiting nonlinear behavior in Earth's foreshock. <i>Journal of Geophysical Research</i> , 2010, 115, . | 3.3 | 14 |
| 63 | On the multispacecraft determination of periodic surface wave phase speeds and wavelengths. <i>Journal of Geophysical Research</i> , 2010, 115, . | 3.3 | 11 |
| 64 | Wave-particle interactions in the equatorial source region of whistler-mode emissions. <i>Journal of Geophysical Research</i> , 2010, 115, . | 3.3 | 51 |
| 65 | Magnetic reconnection and cold plasma at the magnetopause. <i>Geophysical Research Letters</i> , 2010, 37, . | 1.5 | 35 |
| 66 | Comprehensive ground-based and in situ observations of substorm expansion phase onset. <i>Journal of Geophysical Research</i> , 2010, 115, . | 3.3 | 15 |
| 67 | PEACE Data in the Cluster Active Archive. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , 2010, , 129-144. | 0.3 | 23 |
| 68 | Multispacecraft observations of the electron current sheet, neighboring magnetic islands, and electron acceleration during magnetotail reconnection. <i>Physics of Plasmas</i> , 2009, 16, . | 0.7 | 57 |
| 69 | Multipoint observations of plasma distributions around an X line. , 2009, , . | | 1 |
| 70 | The Apparent Layered Structure of the Heliospheric Current Sheet: Multi-Spacecraft Observations. <i>Solar Physics</i> , 2009, 259, 389-416. | 1.0 | 28 |
| 71 | Solar wind entry via flux tube into magnetosphere observed by Cluster measurements at dayside magnetopause during southward IMF. <i>Science in China Series D: Earth Sciences</i> , 2009, 52, 2104-2111. | 0.9 | 3 |
| 72 | Boundary layer plasma flows from high-latitude reconnection in the summer hemisphere for northward IMF: THEMIS multipoint observations. <i>Geophysical Research Letters</i> , 2009, 36, . | 1.5 | 4 |

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|----|--|-----|-----------|
| 73 | Tracing solar wind plasma entry into the magnetosphere using ion-to-electron temperature ratio. <i>Geophysical Research Letters</i> , 2009, 36, . | 1.5 | 24 |
| 74 | Spatial structures of magnetic depression in the Earth's high-altitude cusp: Cluster multipoint observations. <i>Journal of Geophysical Research</i> , 2009, 114, . | 3.3 | 47 |
| 75 | Simultaneous observations of flux transfer events by THEMIS, Cluster, Double Star, and SuperDARN: Acceleration of FTEs. <i>Journal of Geophysical Research</i> , 2009, 114, . | 3.3 | 27 |
| 76 | Reply to comment by H. Hasegawa on "Evolution of Kelvin-Helmholtz activity on the dusk flank magnetopause". <i>Journal of Geophysical Research</i> , 2009, 114, . | 3.3 | 3 |
| 77 | Cluster observations of the entry layer equatorward of the cusp under northward interplanetary magnetic field. <i>Journal of Geophysical Research</i> , 2009, 114, . | 3.3 | 38 |
| 78 | Dynamics and waves near multiple magnetic null points in reconnection diffusion region. <i>Journal of Geophysical Research</i> , 2009, 114, . | 3.3 | 37 |
| 79 | Radial evolution of nonthermal electron populations in the low-latitude solar wind: Helios, Cluster, and Ulysses Observations. <i>Journal of Geophysical Research</i> , 2009, 114, . | 3.3 | 234 |
| 80 | Surveys on magnetospheric plasmas based on the Double Star Project (DSP) exploration. <i>Science in China Series D: Earth Sciences</i> , 2008, 51, 1639-1647. | 0.9 | 2 |
| 81 | Observation of energetic electrons within magnetic islands. <i>Nature Physics</i> , 2008, 4, 19-23. | 6.5 | 238 |
| 82 | Multiple cusps during an extended northward IMF period with a significant B_y component. <i>Journal of Geophysical Research</i> , 2008, 113, . | 3.3 | 14 |
| 83 | Electron flat-top distributions around the magnetic reconnection region. <i>Journal of Geophysical Research</i> , 2008, 113, . | 3.3 | 78 |
| 84 | Electron density estimations derived from spacecraft potential measurements on Cluster in tenuous plasma regions. <i>Journal of Geophysical Research</i> , 2008, 113, . | 3.3 | 135 |
| 85 | Observations of an active thin current sheet. <i>Journal of Geophysical Research</i> , 2008, 113, . | 3.3 | 40 |
| 86 | The relationship between j_z , B_z and $\hat{n} \cdot \mathbf{P}_e$ in the magnetotail plasma sheet: Cluster observations. <i>Journal of Geophysical Research</i> , 2008, 113, . | 3.3 | 14 |
| 87 | Cluster observations of crater flux transfer events at the dayside high-latitude magnetopause. <i>Journal of Geophysical Research</i> , 2008, 113, . | 3.3 | 39 |
| 88 | Cluster observations of the midaltitude cusp under strong northward interplanetary magnetic field. <i>Journal of Geophysical Research</i> , 2008, 113, . | 3.3 | 13 |
| 89 | Magnetotail dipolarization and associated current systems observed by Cluster and Double Star. <i>Journal of Geophysical Research</i> , 2008, 113, . | 3.3 | 14 |
| 90 | Electron temperature anisotropy constraints in the solar wind. <i>Journal of Geophysical Research</i> , 2008, 113, . | 3.3 | 219 |

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| 91 | Near-Earth substorm features from multiple satellite observations. <i>Journal of Geophysical Research</i> , 2008, 113, . | 3.3 | 26 |
| 92 | Global MHD simulation of flux transfer events at the high-latitude magnetopause observed by the Cluster spacecraft and the SuperDARN radar system. <i>Journal of Geophysical Research</i> , 2008, 113, . | 3.3 | 7 |
| 93 | Local field-aligned currents in the magnetotail and ionosphere as observed by a Cluster, Double Star, and MIRACLE conjunction. <i>Journal of Geophysical Research</i> , 2008, 113, . | 3.3 | 10 |
| 94 | Cluster observations of an ion-scale current sheet in the magnetotail under the presence of a guide field. <i>Journal of Geophysical Research</i> , 2008, 113, . | 3.3 | 80 |
| 95 | Formation of the low-latitude boundary layer and cusp under the northward IMF: Simultaneous observations by Cluster and Double Star. <i>Journal of Geophysical Research</i> , 2008, 113, . | 3.3 | 32 |
| 96 | Coordinated Cluster and Double Star observations of the dayside magnetosheath and magnetopause at different latitudes near noon. <i>Journal of Geophysical Research</i> , 2008, 113, . | 3.3 | 3 |
| 97 | Multispacecraft observation of electron beam in reconnection region. <i>Journal of Geophysical Research</i> , 2008, 113, . | 3.3 | 26 |
| 98 | Effect of a northward turning of the interplanetary magnetic field on cusp precipitation as observed by Cluster. <i>Journal of Geophysical Research</i> , 2008, 113, . | 3.3 | 24 |
| 99 | Electron structure of the magnetopause boundary layer: Cluster/Double Star observations. <i>Journal of Geophysical Research</i> , 2008, 113, . | 3.3 | 12 |
| 100 | Cluster observations of electrostatic solitary waves near the Earth's bow shock. <i>Journal of Geophysical Research</i> , 2008, 113, . | 3.3 | 38 |
| 101 | Flattened current sheet and its evolution in substorms. <i>Journal of Geophysical Research</i> , 2008, 113, . | 3.3 | 46 |
| 102 | Study of near-Earth reconnection events with Cluster and Double Star. <i>Journal of Geophysical Research</i> , 2008, 113, . | 3.3 | 59 |
| 103 | Oscillation of electron counts at 500 eV downstream of the quasi-perpendicular bow shock. <i>Journal of Geophysical Research</i> , 2008, 113, . | 3.3 | 2 |
| 104 | Electron trapping around a magnetic null. <i>Geophysical Research Letters</i> , 2008, 35, . | 1.5 | 33 |
| 105 | Evolution of Kelvin-Helmholtz activity on the dusk flank magnetopause. <i>Journal of Geophysical Research</i> , 2008, 113, . | 3.3 | 95 |
| 106 | Evidence of an extended electron current sheet and its neighboring magnetic island during magnetotail reconnection. <i>Journal of Geophysical Research</i> , 2008, 113, . | 3.3 | 92 |
| 107 | Multispacecraft and ground-based observations of substorm timing and activations: Two case studies. <i>Journal of Geophysical Research</i> , 2008, 113, . | 3.3 | 21 |
| 108 | Structure of the near-Earth plasma sheet during tailward flows. <i>Annales Geophysicae</i> , 2008, 26, 709-724. | 0.6 | 4 |

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|-----|---|-----|-----------|
| 109 | Multi-spacecraft observation of plasma dipolarization/injection in the inner magnetosphere. <i>Annales Geophysicae</i> , 2007, 25, 801-814. | 0.6 | 88 |
| 110 | TC1 and Cluster observation of an FTE on 4 January 2005: A close conjunction. <i>Geophysical Research Letters</i> , 2007, 34, . | 1.5 | 16 |
| 111 | TC-1 observations of flux pileup and dipolarization-associated expansion in the near-Earth magnetotail during substorms. <i>Geophysical Research Letters</i> , 2007, 34, . | 1.5 | 30 |
| 112 | Energy input from the exterior cusp into the ionosphere: Correlated ground-based and satellite observations. <i>Geophysical Research Letters</i> , 2007, 34, . | 1.5 | 11 |
| 113 | Cluster observations of waves in the whistler frequency range associated with magnetic reconnection in the Earth's magnetotail. <i>Journal of Geophysical Research</i> , 2007, 112, . | 3.3 | 95 |
| 114 | Response of the magnetosheath-cusp region to a coronal mass ejection. <i>Journal of Geophysical Research</i> , 2007, 112, . | 3.3 | 4 |
| 115 | Strong bulk plasma acceleration in Earth's magnetosheath: A magnetic slingshot effect?. <i>Geophysical Research Letters</i> , 2007, 34, . | 1.5 | 61 |
| 116 | Multi-Spacecraft Study of the 21 January 2005 ICME. <i>Solar Physics</i> , 2007, 244, 139-165. | 1.0 | 50 |
| 117 | Cluster Observations of the Magnetospheric Low-Latitude Boundary Layer and Cusp during Extreme Solar Wind and Interplanetary Magnetic Field Conditions: I. 10 November 2004 ICME. <i>Solar Physics</i> , 2007, 244, 201-232. | 1.0 | 4 |
| 118 | Cluster Observations of the Magnetospheric Low-Latitude Boundary Layer and Cusp during Extreme Solar Wind and Interplanetary Magnetic Field Conditions: II. 7 November 2004 ICME and Statistical Survey. <i>Solar Physics</i> , 2007, 244, 233-261. | 1.0 | 9 |
| 119 | Active Spacecraft Potential Control: Results From the Double Star Project. <i>IEEE Transactions on Plasma Science</i> , 2006, 34, 2046-2052. | 0.6 | 13 |
| 120 | Remote sensing of a magnetotail reconnection X-line using polar rain electrons. <i>Geophysical Research Letters</i> , 2006, 33, . | 1.5 | 15 |
| 121 | Shell-instability generated waves by low energy electrons on converging magnetic field lines. <i>Geophysical Research Letters</i> , 2006, 33, . | 1.5 | 4 |
| 122 | Response of the mid-altitude cusp to rapid rotations of the IMF. <i>Geophysical Research Letters</i> , 2006, 33, . | 1.5 | 18 |
| 123 | Temporal evolution of a staircase ion signature observed by Cluster in the mid-altitude polar cusp. <i>Geophysical Research Letters</i> , 2006, 33, . | 1.5 | 19 |
| 124 | Phase space density analysis of the outer radiation belt energetic electron dynamics. <i>Journal of Geophysical Research</i> , 2006, 111, . | 3.3 | 88 |
| 125 | Evidence for newly closed magnetosheath field lines at the dayside magnetopause under northward IMF. <i>Journal of Geophysical Research</i> , 2006, 111, . | 3.3 | 99 |
| 126 | Instabilities driven by ion shell distributions observed by Cluster in the midaltitude plasma sheet boundary layer. <i>Journal of Geophysical Research</i> , 2006, 111, . | 3.3 | 11 |

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| 127 | Cluster observations of energetic ionospheric ion beams in the auroral region: Acceleration and associated energy-dispersed precipitation. <i>Geophysical Research Letters</i> , 2006, 33, . | 1.5 | 1 |
| 128 | Cluster encounter with an energetic electron beam during a substorm. <i>Journal of Geophysical Research</i> , 2006, 111, . | 3.3 | 16 |
| 129 | Dynamics of thin current sheets associated with magnetotail reconnection. <i>Journal of Geophysical Research</i> , 2006, 111, . | 3.3 | 109 |
| 130 | Cluster observations of flux rope structures in the near-tail. <i>Annales Geophysicae</i> , 2006, 24, 651-666. | 0.6 | 33 |
| 131 | Cluster PEACE observations of electron pressure tensor divergence in the magnetotail. <i>Geophysical Research Letters</i> , 2006, 33, . | 1.5 | 40 |
| 132 | Cluster Observations of the CUSP: Magnetic Structure and Dynamics. <i>Surveys in Geophysics</i> , 2005, 26, 5-55. | 2.1 | 25 |
| 133 | Observations of a Unique Cusp Signature at Low and Mid Altitudes. <i>Surveys in Geophysics</i> , 2005, 26, 307-339. | 2.1 | 4 |
| 134 | Cluster observations of currents in the plasma sheet during reconnection. <i>Geophysical Research Letters</i> , 2005, 32, . | 1.5 | 30 |
| 135 | Cluster electron observations of the separatrix layer during traveling compression regions. <i>Geophysical Research Letters</i> , 2005, 32, . | 1.5 | 17 |
| 136 | Energy deposition by Alfvén waves into the dayside auroral oval: Cluster and FAST observations. <i>Journal of Geophysical Research</i> , 2005, 110, . | 3.3 | 113 |
| 137 | Multipoint observations of transient reconnection signatures in the cusp precipitation: A Cluster-IMAGE detailed case study. <i>Journal of Geophysical Research</i> , 2005, 110, . | 3.3 | 19 |
| 138 | Characteristics of the magnetosheath electron boundary layer under northward interplanetary magnetic field: Implications for high-latitude reconnection. <i>Journal of Geophysical Research</i> , 2005, 110, . | 3.3 | 81 |
| 139 | Ionospheric signatures of plasma injections in the cusp triggered by solar wind pressure pulses. <i>Journal of Geophysical Research</i> , 2005, 110, . | 3.3 | 10 |
| 140 | Interferometric identification of ion acoustic broadband waves in the auroral region: CLUSTER observations. <i>Geophysical Research Letters</i> , 2005, 32, . | 1.5 | 4 |
| 141 | On the formation of the high-altitude stagnant cusp: Cluster observations. <i>Geophysical Research Letters</i> , 2005, 32, n/a-n/a. | 1.5 | 24 |
| 142 | Relating near-Earth observations of an interplanetary coronal mass ejection to the conditions at its site of origin in the solar corona. <i>Geophysical Research Letters</i> , 2005, 32, . | 1.5 | 11 |
| 143 | A survey of flux transfer events observed by Cluster during strongly northward IMF. <i>Geophysical Research Letters</i> , 2005, 32, n/a-n/a. | 1.5 | 28 |
| 144 | Ion sound wave packets at the quasiperpendicular shock front. <i>Geophysical Research Letters</i> , 2005, 32, . | 1.5 | 38 |

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|-----|--|-----|-----------|
| 145 | A phase locking mechanism for nongyrotropic electron distributions upstream of the Earth's bow shock. <i>Journal of Geophysical Research</i> , 2005, 110, . | 3.3 | 4 |
| 146 | The location of the open-closed magnetic field line boundary in the dawn sector auroral ionosphere. <i>Annales Geophysicae</i> , 2004, 22, 3625-3639. | 0.6 | 24 |
| 147 | Cluster observations of ULF waves with pulsating electron beams above the high latitude dusk-side auroral region. <i>Geophysical Research Letters</i> , 2004, 31, n/a-n/a. | 1.5 | 8 |
| 148 | Thin electron-scale layers at the magnetopause. <i>Geophysical Research Letters</i> , 2004, 31, . | 1.5 | 68 |
| 149 | Cluster observations of lower hybrid turbulence within thin layers at the magnetopause. <i>Geophysical Research Letters</i> , 2004, 31, . | 1.5 | 92 |
| 150 | Cluster observations of finite amplitude Alfvén waves and small-scale magnetic filaments downstream of a quasi-perpendicular shock. <i>Journal of Geophysical Research</i> , 2004, 109, . | 3.3 | 60 |
| 151 | Cluster observations of quasi-periodic impulsive signatures in the dayside northern lobe: High-latitude flux transfer events?. <i>Journal of Geophysical Research</i> , 2004, 109, . | 3.3 | 11 |
| 152 | Flow shear near the boundary of the plasma sheet observed by Cluster and Geotail. <i>Journal of Geophysical Research</i> , 2004, 109, . | 3.3 | 35 |
| 153 | Correlation between suprathermal electron bursts, broadband extremely low frequency waves, and local ion heating in the midaltitude cleft/low-latitude boundary layer observed by Cluster. <i>Journal of Geophysical Research</i> , 2004, 109, . | 3.3 | 18 |
| 154 | What high altitude observations tell us about the auroral acceleration: A Cluster/DMSP conjunction. <i>Geophysical Research Letters</i> , 2003, 30, . | 1.5 | 27 |
| 155 | Observations of auroral broadband emissions by CLUSTER. <i>Geophysical Research Letters</i> , 2003, 30, . | 1.5 | 22 |
| 156 | Cluster electric current density measurements within a magnetic flux rope in the plasma sheet. <i>Geophysical Research Letters</i> , 2003, 30, . | 1.5 | 77 |
| 157 | Cluster observations of the high-altitude cusp for northward interplanetary magnetic field: A case study. <i>Journal of Geophysical Research</i> , 2003, 108, . | 3.3 | 31 |
| 158 | Cluster four spacecraft measurements of small traveling compression regions in the near-tail. <i>Geophysical Research Letters</i> , 2003, 30, n/a-n/a. | 1.5 | 33 |
| 159 | Statistical distributions of field-aligned electron events in the near-equatorial magnetosphere observed by the Low Energy Plasma Analyzer on CRRES. <i>Journal of Geophysical Research</i> , 2002, 107, SMP 29-1. | 3.3 | 16 |
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