

David J Mccomas

List of Publications by Year in descending order

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745
papers

37,935
citations

2675

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6836

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docs citations

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times ranked

7381
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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Anomalous Cosmic-Ray Oxygen Observations into 0.1 au. <i>Astrophysical Journal</i> , 2022, 925, 9. | 4.5 | 12 |
| 2 | Average Ring Current Response to Solar Wind Drivers: Statistical Analysis of 61 Days of ENA Images. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, . | 2.4 | 2 |
| 3 | PSP/IS TM IS Observation of a Solar Energetic Particle Event Associated with a Streamer Blowout Coronal Mass Ejection during Encounter 6. <i>Astrophysical Journal</i> , 2022, 925, 212. | 4.5 | 3 |
| 4 | Sub-Alfvénic Solar Wind Observed by the Parker Solar Probe: Characterization of Turbulence, Anisotropy, Intermittency, and Switchback. <i>Astrophysical Journal Letters</i> , 2022, 926, L1. | 8.3 | 28 |
| 5 | Whence the Interstellar Magnetic Field Shaping the Heliosphere?. <i>Astrophysical Journal, Supplement Series</i> , 2022, 259, 48. | 7.7 | 9 |
| 6 | Determining the Near-Instantaneous Curvature of Earth's Bow Shock Using Simultaneous IBEX and MMS Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, . | 2.4 | 2 |
| 7 | Suprathermal Ion Energy Spectra and Anisotropies near the Heliospheric Current Sheet Crossing Observed by the Parker Solar Probe during Encounter 7. <i>Astrophysical Journal</i> , 2022, 927, 62. | 4.5 | 3 |
| 8 | Interstellar Neutral He Parameters from Crossing Parameter Tubes with the Interstellar Mapping and Acceleration Probe Informed by 10 yr of Interstellar Boundary Explorer Observations. <i>Astrophysical Journal, Supplement Series</i> , 2022, 258, 7. | 7.7 | 12 |
| 9 | IBEX Ribbon Separation Using Spherical Harmonic Decomposition of the Globally Distributed Flux. <i>Astrophysical Journal, Supplement Series</i> , 2022, 258, 6. | 7.7 | 11 |
| 10 | Very Local Interstellar Medium Revealed by a Complete Solar Cycle of Interstellar Neutral Helium Observations with IBEX. <i>Astrophysical Journal, Supplement Series</i> , 2022, 259, 42. | 7.7 | 25 |
| 11 | Closed Fluxtubes and Dispersive Proton Conics at Jupiter's Polar Cap. <i>Geophysical Research Letters</i> , 2022, 49, . | 4.0 | 7 |
| 12 | Water-Group Pickup Ions From Europa-Genic Neutrals Orbiting Jupiter. <i>Geophysical Research Letters</i> , 2022, 49, . | 4.0 | 16 |
| 13 | In Situ Observations of Interstellar Pickup Ions from 1 au to the Outer Heliosphere. <i>Space Science Reviews</i> , 2022, 218, 28. | 8.1 | 14 |
| 14 | Taylor Microscale and Effective Reynolds Number near the Sun from PSP. <i>Astrophysical Journal</i> , 2022, 933, 33. | 4.5 | 5 |
| 15 | First Measurements of Jovian Electrons by Parker Solar Probe/IS TM IS within 0.5 au of the Sun. <i>Astrophysical Journal</i> , 2022, 933, 171. | 4.5 | 2 |
| 16 | Proton Outflow Associated With Jupiter's Auroral Processes. <i>Geophysical Research Letters</i> , 2021, 48, . | 4.0 | 13 |
| 17 | Radial Evolution of a CIR: Observations From a Nearly Radially Aligned Event Between Parker Solar Probe and STEREO-A. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091376. | 4.0 | 16 |
| 18 | Heliosheath Proton Distribution in the Plasma Reference Frame. <i>Astrophysical Journal, Supplement Series</i> , 2021, 252, 26. | 7.7 | 18 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Switchbacks Explained: Super-Parker Fieldsâ€”The Other Side of the Sub-Parker Spiral. <i>Astrophysical Journal</i> , 2021, 909, 95. | 4.5 | 62 |
| 20 | Slowdown and Heating of Interstellar Neutral Helium by Elastic Collisions beyond the Heliopause. <i>Astrophysical Journal Letters</i> , 2021, 911, L36. | 8.3 | 21 |
| 21 | Interstellar Pickup Ion Observations Halfway to the Termination Shock. <i>Astrophysical Journal, Supplement Series</i> , 2021, 254, 19. | 7.7 | 33 |
| 22 | First Observations of Anomalous Cosmic Rays in to 36 Solar Radii. <i>Astrophysical Journal</i> , 2021, 912, 139. | 4.5 | 10 |
| 23 | Energetic particle behavior in near-Sun magnetic field switchbacks from PSP. <i>Astronomy and Astrophysics</i> , 2021, 650, L4. | 5.1 | 12 |
| 24 | Solar energetic particle heavy ion properties in the widespread event of 2020 November 29. <i>Astronomy and Astrophysics</i> , 2021, 656, L12. | 5.1 | 13 |
| 25 | Thin silicon solid-state detectors for energetic particle measurements. <i>Astronomy and Astrophysics</i> , 2021, 650, A27. | 5.1 | 3 |
| 26 | Parker Solar Probe observations of He/H abundance variations in SEP events inside 0.5 au. <i>Astronomy and Astrophysics</i> , 2021, 650, A23. | 5.1 | 13 |
| 27 | A living catalog of stream interaction regions in the Parker Solar Probe era. <i>Astronomy and Astrophysics</i> , 2021, 650, A25. | 5.1 | 17 |
| 28 | Magnetic field line random walk and solar energetic particle path lengths. <i>Astronomy and Astrophysics</i> , 2021, 650, A26. | 5.1 | 20 |
| 29 | Between Local Interstellar Magnetic and Dynamic Pressure Balance of Heliospheric Boundaries Measured with the IBEX Ribbonâ€”A New Paradigm. <i>Astrophysical Journal</i> , 2021, 914, 129. | 4.5 | 4 |
| 30 | A new view of energetic particles from stream interaction regions observed by Parker Solar Probe. <i>Astronomy and Astrophysics</i> , 2021, 650, A24. | 5.1 | 15 |
| 31 | A Three-dimensional Map of the Heliosphere from IBEX. <i>Astrophysical Journal, Supplement Series</i> , 2021, 254, 40. | 7.7 | 29 |
| 32 | Time evolution of stream interaction region energetic particle spectra in the inner heliosphere. <i>Astronomy and Astrophysics</i> , 2021, 650, L5. | 5.1 | 14 |
| 33 | Energetic Neutral Atom Fluxes from the Heliosheath: Constraints from in situ Measurements and Models. <i>Astrophysical Journal Letters</i> , 2021, 915, L26. | 8.3 | 9 |
| 34 | Probing the Magnetosheath Boundaries Using Interstellar Boundary Explorer (IBEX) Orbital Encounters. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029278. | 2.4 | 4 |
| 35 | Survey of Juno Observations in Jupiter's Plasma Disk: Density. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029446. | 2.4 | 15 |
| 36 | PSP/ISÅ™MIS observations of the 29 November 2020 solar energetic particle event. <i>Astronomy and Astrophysics</i> , 2021, 656, A29. | 5.1 | 15 |

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|----|---|-----|-----------|
| 37 | Turbulent Acceleration of Interstellar Pickup Ions at the Heliospheric Termination Shock Forms the Global ENA Spectrum. <i>Astrophysical Journal Letters</i> , 2021, 916, L21. | 8.3 | 15 |
| 38 | Observation of Kolmogorov Turbulence in the Jovian Magnetosheath From JADE Data. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL095006. | 4.0 | 5 |
| 39 | Collisional Evolution of the Inner Zodiacal Cloud. <i>Planetary Science Journal</i> , 2021, 2, 185. | 3.6 | 18 |
| 40 | Electron Partial Density and Temperature Over Jupiter's Main Auroral Emission Using Juno Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029426. | 2.4 | 11 |
| 41 | Energetic Electron Observations by Parker Solar Probe/IS ^{IS} ™IS during the First Widespread SEP Event of Solar Cycle 25 on 2020 November 29. <i>Astrophysical Journal</i> , 2021, 919, 119. | 4.5 | 17 |
| 42 | Energetic Particles Associated with a Coronal Mass Ejection Shock Interacting with a Convected Magnetic Structure. <i>Astrophysical Journal</i> , 2021, 921, 102. | 4.5 | 10 |
| 43 | Comparative Analysis of the 2020 November 29 Solar Energetic Particle Event Observed by Parker Solar Probe. <i>Astrophysical Journal</i> , 2021, 920, 123. | 4.5 | 12 |
| 44 | Black-body radiation in space plasmas. <i>Europhysics Letters</i> , 2021, 135, 49001. | 2.0 | 4 |
| 45 | Simultaneous UV Images and High-Latitude Particle and Field Measurements During an Auroral Dawn Storm at Jupiter. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029679. | 2.4 | 3 |
| 46 | Breathing of the Heliosphere. <i>Astrophysical Journal</i> , 2021, 922, 250. | 4.5 | 7 |
| 47 | Geometry of Magnetic Fluctuations near the Sun from the Parker Solar Probe. <i>Astrophysical Journal</i> , 2021, 923, 193. | 4.5 | 21 |
| 48 | Thermodynamic Definitions of Temperature and Kappa and Introduction of the Entropy Defect. <i>Entropy</i> , 2021, 23, 1683. | 2.2 | 15 |
| 49 | Method to Derive Ion Properties From Juno JADE Including Abundance Estimates for O ⁺ and S ²⁺ . <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2018JA026169. | 2.4 | 31 |
| 50 | Proton Acceleration by Io's Alfvénic Interaction. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027314. | 2.4 | 18 |
| 51 | Understanding the origins of the heliosphere: integrating observations and measurements from Parker Solar Probe, Solar Orbiter, and other space- and ground-based observatories. <i>Astronomy and Astrophysics</i> , 2020, 642, A4. | 5.1 | 35 |
| 52 | A New Framework to Explain Changes in Io's Footprint Tail Electron Fluxes. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089267. | 4.0 | 25 |
| 53 | Sun's Heliosphere Observation-based Ionization Rates Model. <i>Astrophysical Journal</i> , 2020, 897, 179. | 4.5 | 40 |
| 54 | First Global Images of Ion Energization in the Terrestrial Foreshock by the Interstellar Boundary Explorer. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088188. | 4.0 | 4 |

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|----|---|------|-----------|
| 55 | Neutral Atom Imaging of the Solar Windâ€™Magnetosphereâ€™Exosphere Interaction Near the Subsolar Magnetopause. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089362. | 4.0 | 14 |
| 56 | First Report of Electron Measurements During a Europa Footprint Tail Crossing by Juno. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089732. | 4.0 | 17 |
| 57 | Asymmetric Structure of the Solar Wind and Heliosphere from IBEX Observations. <i>Astrophysical Journal</i> , 2020, 894, 13. | 4.5 | 10 |
| 58 | Galactic Cosmic-ray Anisotropies: Electrons Observed by Voyager 1 in the Very Local Interstellar Medium. <i>Astrophysical Journal</i> , 2020, 895, 103. | 4.5 | 7 |
| 59 | Solar Cycle of Imaging the Global Heliosphere: Interstellar Boundary Explorer (IBEX) Observations from 2009â€™2019. <i>Astrophysical Journal, Supplement Series</i> , 2020, 248, 26. | 7.7 | 58 |
| 60 | Response of Pickup Ions in the Very Local Interstellar Medium to Solar Variations: Implications for the Evolution of the IBEX Ribbon and Interstellar Helium. <i>Astrophysical Journal</i> , 2020, 891, 56. | 4.5 | 10 |
| 61 | Energy Flux and Characteristic Energy of Electrons Over Jupiter's Main Auroral Emission. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027693. | 2.4 | 37 |
| 62 | Observations of Energetic-particle Population Enhancements along Intermittent Structures near the Sun from the Parker Solar Probe. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 61. | 7.7 | 25 |
| 63 | AlfvÃ©nic Acceleration Sustains Ganymede's Footprint Tail Aurora. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL086527. | 4.0 | 25 |
| 64 | Analysis of the Internal Structure of the Streamer Blowout Observed by the Parker Solar Probe During the First Solar Encounter. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 63. | 7.7 | 34 |
| 65 | Small, Low-energy, Dispersive Solar Energetic Particle Events Observed by <i>Parker Solar Probe</i>. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 65. | 7.7 | 23 |
| 66 | Turbulence in the Local Interstellar Medium and the IBEX Ribbon. <i>Astrophysical Journal</i> , 2020, 888, 29. | 4.5 | 20 |
| 67 | Solar Wind Streams and Stream Interaction Regions Observed by the Parker Solar Probe with Corresponding Observations at 1 au. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 36. | 7.7 | 43 |
| 68 | Color, composition, and thermal environment of Kuiper Belt object (486958) Arrokoth. <i>Science</i> , 2020, 367, . | 12.6 | 64 |
| 69 | The geology and geophysics of Kuiper Belt object (486958) Arrokoth. <i>Science</i> , 2020, 367, . | 12.6 | 76 |
| 70 | Solar Energetic Particles Produced by a Slow Coronal Mass Ejection at $\hat{\sim}1/40.25$ au. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 29. | 7.7 | 35 |
| 71 | Energetic Particle Observations from the Parker Solar Probe Using Combined Energy Spectra from the ISÅ™IS Instrument Suite. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 41. | 7.7 | 17 |
| 72 | ³He-rich Solar Energetic Particle Observations at the Parker Solar Probe and near Earth. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 42. | 7.7 | 27 |

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|----|---|-----|-----------|
| 73 | CME-associated Energetic Ions at 0.23 au: Consideration of the Auroral Pressure Cooker Mechanism Operating in the Low Corona as a Possible Energization Process. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 59. | 7.7 | 21 |
| 74 | Energetic Particle Increases Associated with Stream Interaction Regions. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 20. | 7.7 | 31 |
| 75 | The Near-Sun Dust Environment: Initial Observations from Parker Solar Probe. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 27. | 7.7 | 47 |
| 76 | Seed Population Preconditioning and Acceleration Observed by the Parker Solar Probe. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 33. | 7.7 | 21 |
| 77 | Observations of the 2019 April 4 Solar Energetic Particle Event at the Parker Solar Probe. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 35. | 7.7 | 27 |
| 78 | Properties of Suprathermal-through-energetic He Ions Associated with Stream Interaction Regions Observed over the Parker Solar Probe's First Two Orbits. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 56. | 7.7 | 29 |
| 79 | Survey of Ion Properties in Jupiter's Plasma Sheet: Juno JADE's Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027696. | 2.4 | 36 |
| 80 | Global ENA Imaging and In Situ Observations of Substorm Dipolarization on 10 August 2016. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027733. | 2.4 | 2 |
| 81 | Juno In Situ Observations Above the Jovian Equatorial Ionosphere. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087623. | 4.0 | 5 |
| 82 | Energetic Proton Acceleration Associated With Io's Footprint Tail. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL090839. | 4.0 | 16 |
| 83 | Distance to the Energetic Neutral Hydrogen Source from the Heliotail. <i>Astrophysical Journal</i> , 2020, 897, 138. | 4.5 | 8 |
| 84 | Small Electron Events Observed by Parker Solar Probe/IS TM IS during Encounter 2. <i>Astrophysical Journal</i> , 2020, 902, 20. | 4.5 | 9 |
| 85 | Density of Neutral Hydrogen in the Sun's Interstellar Neighborhood. <i>Astrophysical Journal</i> , 2020, 903, 48. | 4.5 | 56 |
| 86 | A Persistent Depletion of Plasma Ions Within Jupiter's Auroral Polar Caps. <i>Geophysical Research Letters</i> , 2020, 47, . | 4.0 | 1 |
| 87 | Jovian High-Latitude Ionospheric Ions: Juno In Situ Observations. <i>Geophysical Research Letters</i> , 2019, 46, 8663-8670. | 4.0 | 16 |
| 88 | Parallax of the IBEX Ribbon Indicates a Spatially Retained Source. <i>Astrophysical Journal</i> , 2019, 879, 106. | 4.5 | 9 |
| 89 | The Characterization of Secondary Interstellar Neutral Oxygen beyond the Heliopause: A Detailed Analysis of the IBEX-Lo Oxygen Observations. <i>Astrophysical Journal</i> , 2019, 880, 4. | 4.5 | 9 |
| 90 | Variability in the Position of the IBEX Ribbon over Nine Years: More Observational Evidence for a Secondary ENA Source. <i>Astrophysical Journal</i> , 2019, 879, 84. | 4.5 | 28 |

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|-----|--|------|-----------|
| 91 | Termination Shock Measured by Voyagers and IBEX. <i>Astrophysical Journal</i> , 2019, 884, 145. | 4.5 | 18 |
| 92 | Inner Heliosheath Shocks and Their Effect on Energetic Neutral Atom Observations by IBEX. <i>Astrophysical Journal Letters</i> , 2019, 878, L24. | 8.3 | 10 |
| 93 | Heliosheath Properties Measured from a Voyager 2 to Voyager 1 Transient. <i>Astrophysical Journal</i> , 2019, 883, 101. | 4.5 | 22 |
| 94 | High-Resolution Measurements of the Cross-Shock Potential, Ion Reflection, and Electron Heating at an Interplanetary Shock by MMS. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 3961-3978. | 2.4 | 36 |
| 95 | The Influence of Polar Coronal Holes on the Polar ENA Flux Observed by IBEX. <i>Astrophysical Journal</i> , 2019, 879, 1. | 4.5 | 14 |
| 96 | Strong Scattering of $\sim 1/4$ keV Pickup Ions in the Local Interstellar Magnetic Field Draped around Our Heliosphere: Implications for the IBEX Ribbon's Source and IMAP. <i>Astrophysical Journal</i> , 2019, 876, 92. | 4.5 | 22 |
| 97 | Initial results from the New Horizons exploration of 2014 MU ₆₉ , a small Kuiper Belt object. <i>Science</i> , 2019, 364, . | 12.6 | 113 |
| 98 | Model-free Maps of Interstellar Neutral Hydrogen Measured with IBEX between 2009 and 2018. <i>Astrophysical Journal</i> , 2019, 871, 52. | 4.5 | 25 |
| 99 | Temporal Evolution of the Latitude and Energy Dependence of the Energetic Neutral Atom Spectral Indices Measured by the Interstellar Boundary Explorer (IBEX) Over the First Nine Years. <i>Astrophysical Journal</i> , 2019, 875, 91. | 4.5 | 12 |
| 100 | Constraining the IMF at Pluto Using New Horizons SWAP Data and Hybrid Simulations. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 1568-1581. | 2.4 | 2 |
| 101 | He ⁺ Ions Comoving with the Solar Wind in the Outer Heliosphere. <i>Astrophysical Journal</i> , 2019, 875, 36. | 4.5 | 12 |
| 102 | Non-equilibrium Distributions of Interstellar Neutrals and the Temperature of the Local Interstellar Medium. <i>Astrophysical Journal</i> , 2019, 871, 254. | 4.5 | 19 |
| 103 | Galactic Cosmic-Ray Anisotropies: Voyager 1 in the Local Interstellar Medium. <i>Astrophysical Journal</i> , 2019, 873, 46. | 4.5 | 16 |
| 104 | Expanding Global Features in the Outer Heliosphere. <i>Astrophysical Journal</i> , 2019, 872, 127. | 4.5 | 24 |
| 105 | Angular Scattering in Charge Exchange: Issues and Implications for Secondary Interstellar Hydrogen. <i>Astrophysical Journal</i> , 2019, 887, 223. | 4.5 | 11 |
| 106 | The Interstellar Ribbon: A Unifying Explanation. <i>Astrophysical Journal</i> , 2019, 887, 247. | 4.5 | 18 |
| 107 | Terrestrial Energetic Neutral Atom Emissions and the Ground-Based Geomagnetic Indices: Implications From IBEX Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 8761-8777. | 2.4 | 5 |
| 108 | Slowing of the Solar Wind in the Outer Heliosphere. <i>Astrophysical Journal</i> , 2019, 885, 156. | 4.5 | 47 |

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|-----|--|------|-----------|
| 109 | Interstellar Neutral Helium in the Heliosphere from IBEX Observations. VI. The He ⁺ Density and the Ionization State in the Very Local Interstellar Matter. <i>Astrophysical Journal</i> , 2019, 882, 60. | 4.5 | 35 |
| 110 | Survey of Jupiter's Dawn Magnetosheath Using Juno. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 9106-9123. | 2.4 | 16 |
| 111 | Probing the energetic particle environment near the Sun. <i>Nature</i> , 2019, 576, 223-227. | 27.8 | 103 |
| 112 | Alfvénic velocity spikes and rotational flows in the near-Sun solar wind. <i>Nature</i> , 2019, 576, 228-231. | 27.8 | 311 |
| 113 | Highly structured slow solar wind emerging from an equatorial coronal hole. <i>Nature</i> , 2019, 576, 237-242. | 27.8 | 401 |
| 114 | Structure of the IBEX Ribbon from Distributed Sources. <i>Journal of Physics: Conference Series</i> , 2019, 1332, 012013. | 0.4 | 1 |
| 115 | Comparing Electron Energetics and UV Brightness in Jupiter's Northern Polar Region During Juno PeriJove 5. <i>Geophysical Research Letters</i> , 2019, 46, 19-27. | 4.0 | 18 |
| 116 | Radiation Pressure from Interstellar Hydrogen Observed by IBEX through Solar Cycle 24. <i>Astrophysical Journal</i> , 2019, 887, 217. | 4.5 | 18 |
| 117 | Interstellar Neutral Helium in the Heliosphere from IBEX Observations. V. Observations in IBEX-Lo ESA Steps 1, 2, and 3. <i>Astrophysical Journal</i> , 2018, 854, 119. | 4.5 | 34 |
| 118 | Solar Wind Properties During Juno's Approach to Jupiter: Data Analysis and Resulting Plasma Properties Utilizing a 1D Forward Model. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 2772-2786. | 2.4 | 15 |
| 119 | Diverse Electron and Ion Acceleration Characteristics Observed Over Jupiter's Main Aurora. <i>Geophysical Research Letters</i> , 2018, 45, 1277-1285. | 4.0 | 49 |
| 120 | The Big Picture: Imaging of the Global Geospace Environment by the TWINS Mission. <i>Reviews of Geophysics</i> , 2018, 56, 251-277. | 23.0 | 13 |
| 121 | Composition of 128 keV Magnetospheric ENAs. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 2668-2678. | 2.4 | 8 |
| 122 | Jupiter's Aurora Observed With HST During Juno Orbits 3 to 7. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 3299-3319. | 2.4 | 53 |
| 123 | Structure and composition of Pluto's atmosphere from the New Horizons solar ultraviolet occultation. <i>Icarus</i> , 2018, 300, 174-199. | 2.5 | 90 |
| 124 | Dynamics of a geomagnetic storm on 10 September 2015 as observed by TWINS and simulated by CIMI. <i>Annales Geophysicae</i> , 2018, 36, 1439-1456. | 1.6 | 4 |
| 125 | Precipitating Electron Energy Flux and Characteristic Energies in Jupiter's Main Auroral Region as Measured by Juno/JEDI. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 7554-7567. | 2.4 | 42 |
| 126 | The Local Interstellar Magnetic Field Observed by Voyager 1 and IBEX. <i>Journal of Physics: Conference Series</i> , 2018, 1100, 012021. | 0.4 | 1 |

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|-----|--|------|-----------|
| 127 | A double-cusp type electrostatic analyzer for high-cadence solar-wind suprathermal ion observations. <i>Review of Scientific Instruments</i> , 2018, 89, 114503. | 1.3 | 4 |
| 128 | Time Dependence of the IBEX Ribbon and the Globally Distributed Energetic Neutral Atom Flux Using the First 9 Years of Observations. <i>Astrophysical Journal, Supplement Series</i> , 2018, 239, 1. | 7.7 | 37 |
| 129 | The Pickup Ion-mediated Solar Wind. <i>Astrophysical Journal</i> , 2018, 869, 23. | 4.5 | 86 |
| 130 | Constraining the Evolution of the Proton Distribution Function in the Heliotail. <i>Astrophysical Journal</i> , 2018, 865, 150. | 4.5 | 12 |
| 131 | Determining the Alpha to Proton Density Ratio for the New Horizons Solar Wind Observations. <i>Astrophysical Journal</i> , 2018, 866, 85. | 4.5 | 10 |
| 132 | Interstellar Mapping and Acceleration Probe (IMAP): A New NASA Mission. <i>Space Science Reviews</i> , 2018, 214, 1. | 8.1 | 129 |
| 133 | In Situ Observations Connected to the Io Footprint Tail Aurora. <i>Journal of Geophysical Research E: Planets</i> , 2018, 123, 3061-3077. | 3.6 | 48 |
| 134 | Simulation of the Solar Wind Dynamic Pressure Increase in 2014 and Its Effect on Energetic Neutral Atom Fluxes from the Heliosphere. <i>Astrophysical Journal</i> , 2018, 859, 104. | 4.5 | 34 |
| 135 | Stochastic Acceleration of ~ 40 - 5 keV Pickup Ions in the Heliotail. <i>Astrophysical Journal</i> , 2018, 860, 170. | 4.5 | 21 |
| 136 | Empirical Characterization of Low-Altitude Ion Flux Derived from TWINS. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 3672-3691. | 2.4 | 1 |
| 137 | Magnetosphere dynamics during the 14 November 2012 storm inferred from TWINS, AMPERE, Van Allen Probes, and BATS-R-US-CRCM. <i>Annales Geophysicae</i> , 2018, 36, 107-124. | 1.6 | 8 |
| 138 | Observation of Electron Conics by Juno: Implications for Radio Generation and Acceleration Processes. <i>Geophysical Research Letters</i> , 2018, 45, 9408-9416. | 4.0 | 19 |
| 139 | <i>In Situ</i> Observations of Preferential Pickup Ion Heating at an Interplanetary Shock. <i>Physical Review Letters</i> , 2018, 121, 075102. | 7.8 | 32 |
| 140 | Heliosphere Responds to a Large Solar Wind Intensification: Decisive Observations from IBEX. <i>Astrophysical Journal Letters</i> , 2018, 856, L10. | 8.3 | 51 |
| 141 | Jovian deep magnetotail composition and structure. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 1763-1777. | 2.4 | 13 |
| 142 | Structure of the Heliotail from Interstellar Boundary Explorer Observations: Implications for the 11-year Solar Cycle and Pickup Ions in the Heliosheath. <i>Astrophysical Journal</i> , 2017, 836, 238. | 4.5 | 59 |
| 143 | Seven Years of Imaging the Global Heliosphere with IBEX. <i>Astrophysical Journal, Supplement Series</i> , 2017, 229, 41. | 7.7 | 79 |
| 144 | Jupiter's magnetosphere and aurorae observed by the Juno spacecraft during its first polar orbits. <i>Science</i> , 2017, 356, 826-832. | 12.6 | 109 |

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|-----|--|-----|-----------|
| 145 | Infrared observations of Jovian aurora from Juno's first orbits: Main oval and satellite footprints. <i>Geophysical Research Letters</i> , 2017, 44, 5308-5316. | 4.0 | 30 |
| 146 | Plasma measurements in the Jovian polar region with Juno/JADE. <i>Geophysical Research Letters</i> , 2017, 44, 7122-7130. | 4.0 | 35 |
| 147 | Plasma environment at the dawn flank of Jupiter's magnetosphere: Juno arrives at Jupiter. <i>Geophysical Research Letters</i> , 2017, 44, 4432-4438. | 4.0 | 24 |
| 148 | Hot flow anomaly observed at Jupiter's bow shock. <i>Geophysical Research Letters</i> , 2017, 44, 8107-8112. | 4.0 | 17 |
| 149 | Generation of the Jovian hectometric radiation: First lessons from Juno. <i>Geophysical Research Letters</i> , 2017, 44, 4439-4446. | 4.0 | 38 |
| 150 | Juno observations of energetic charged particles over Jupiter's polar regions: Analysis of monodirectional and bidirectional electron beams. <i>Geophysical Research Letters</i> , 2017, 44, 4410-4418. | 4.0 | 90 |
| 151 | Observation and interpretation of energetic ion conics in Jupiter's polar magnetosphere. <i>Geophysical Research Letters</i> , 2017, 44, 4419-4425. | 4.0 | 21 |
| 152 | Preliminary JIRAM results from Juno polar observations: 2. Analysis of the Jupiter southern H ₃ ⁺ emissions and comparison with the north aurora. <i>Geophysical Research Letters</i> , 2017, 44, 4633-4640. | 4.0 | 20 |
| 153 | Preliminary JIRAM results from Juno polar observations: 1. Methodology and analysis applied to the Jovian northern polar region. <i>Geophysical Research Letters</i> , 2017, 44, 4625-4632. | 4.0 | 18 |
| 154 | Response of Jupiter's auroras to conditions in the interplanetary medium as measured by the Hubble Space Telescope and Juno. <i>Geophysical Research Letters</i> , 2017, 44, 7643-7652. | 4.0 | 68 |
| 155 | Jovian bow shock and magnetopause encounters by the Juno spacecraft. <i>Geophysical Research Letters</i> , 2017, 44, 4506-4512. | 4.0 | 30 |
| 156 | Electron beams and loss cones in the auroral regions of Jupiter. <i>Geophysical Research Letters</i> , 2017, 44, 7131-7139. | 4.0 | 61 |
| 157 | Juno's UVS approach observations of Jupiter's auroras. <i>Geophysical Research Letters</i> , 2017, 44, 7668-7675. | 4.0 | 25 |
| 158 | Preliminary JIRAM results from Juno polar observations: 3. Evidence of diffuse methane presence in the Jupiter auroral regions. <i>Geophysical Research Letters</i> , 2017, 44, 4641-4648. | 4.0 | 13 |
| 159 | Accelerated flows at Jupiter's magnetopause: Evidence for magnetic reconnection along the dawn flank. <i>Geophysical Research Letters</i> , 2017, 44, 4401-4409. | 4.0 | 36 |
| 160 | A new view of Jupiter's auroral radio spectrum. <i>Geophysical Research Letters</i> , 2017, 44, 7114-7121. | 4.0 | 35 |
| 161 | Cross-scale observations of the 2015 St. Patrick's day storm: THEMIS, Van Allen Probes, and TWINS. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 368-392. | 2.4 | 25 |
| 162 | Spatial Distribution and Properties of 0.1-100 keV Electrons in Jupiter's Polar Auroral Region. <i>Geophysical Research Letters</i> , 2017, 44, 9199-9207. | 4.0 | 34 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 163 | Low-Altitude Emission of Energetic Neutral Atoms: Multiple Interactions and Energy Loss. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 10,203-10,234. | 2.4 | 4 |
| 164 | Imprint of the Sun's Evolving Polar Winds on IBEX Energetic Neutral Atom All-sky Observations of the Heliosphere. <i>Astrophysical Journal</i> , 2017, 846, 63. | 4.5 | 20 |
| 165 | Energetic particle signatures of magnetic field-aligned potentials over Jupiter's polar regions. <i>Geophysical Research Letters</i> , 2017, 44, 8703-8711. | 4.0 | 41 |
| 166 | Discrete and broadband electron acceleration in Jupiter's powerful aurora. <i>Nature</i> , 2017, 549, 66-69. | 27.8 | 79 |
| 167 | The Downwind Hemisphere of the Heliosphere: Eight Years of IBEX-Lo Observations. <i>Astrophysical Journal</i> , 2017, 851, 2. | 4.5 | 35 |
| 168 | Interstellar Pickup Ion Observations to 38 au. <i>Astrophysical Journal, Supplement Series</i> , 2017, 233, 8. | 7.7 | 59 |
| 169 | Effects of Solar Activity on the Local Interstellar Magnetic Field Observed by Voyager-1 and IBEX. <i>Astrophysical Journal</i> , 2017, 849, 135. | 4.5 | 13 |
| 170 | Juno observations of large-scale compressions of Jupiter's dawnside magnetopause. <i>Geophysical Research Letters</i> , 2017, 44, 7559-7568. | 4.0 | 20 |
| 171 | Magnetospheric Science Objectives of the Juno Mission. <i>Space Science Reviews</i> , 2017, 213, 219-287. | 8.1 | 163 |
| 172 | The Jovian Auroral Distributions Experiment (JADE) on the Juno Mission to Jupiter. <i>Space Science Reviews</i> , 2017, 213, 547-643. | 8.1 | 187 |
| 173 | GEOMETRY AND CHARACTERISTICS OF THE HELIOSHEATH REVEALED IN THE FIRST FIVE YEARS OF INTERSTELLAR BOUNDARY EXPLORER OBSERVATIONS. <i>Astrophysical Journal</i> , 2016, 826, 58. | 4.5 | 38 |
| 174 | LATITUDE, ENERGY, AND TIME VARIATIONS IN THE ENERGETIC NEUTRAL ATOM SPECTRAL INDICES MEASURED BY THE INTERSTELLAR BOUNDARY EXPLORER (IBEX). <i>Astrophysical Journal</i> , 2016, 832, 116. | 4.5 | 7 |
| 175 | Effects of solar wind speed on the secondary energetic neutral source of the Interstellar Boundary Explorer ribbon. <i>Astronomy and Astrophysics</i> , 2016, 586, A31. | 5.1 | 19 |
| 176 | Following the interstellar magnetic field from the heliosphere into space with polarized starlight. <i>Journal of Physics: Conference Series</i> , 2016, 767, 012010. | 0.4 | 3 |
| 177 | INTERSTELLAR NEUTRAL HELIUM IN THE HELIOSPHERE FROM IBEX OBSERVATIONS. IV. FLOW VECTOR, MACH NUMBER, AND ABUNDANCE OF THE WARM BREEZE. <i>Astrophysical Journal, Supplement Series</i> , 2016, 223, 25. | 7.7 | 71 |
| 178 | TRACKING THE SOLAR CYCLE THROUGH IBEX OBSERVATIONS OF ENERGETIC NEUTRAL ATOM FLUX VARIATIONS AT THE HELIOSPHERIC POLES. <i>Astrophysical Journal</i> , 2016, 833, 277. | 4.5 | 29 |
| 179 | Global images of trapped ring current ions during main phase of 17 March 2015 geomagnetic storm as observed by TWINS. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 6509-6525. | 2.4 | 18 |
| 180 | Compact Dual Ion Composition Experiment for space plasmas CoDICE. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 6632-6638. | 2.4 | 5 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 181 | INTERPLANETARY MAGNETIC FIELD SECTOR FROM SOLAR WIND AROUND PLUTO (SWAP) MEASUREMENTS OF HEAVY ION PICKUP NEAR PLUTO. <i>Astrophysical Journal Letters</i> , 2016, 823, L30. | 8.3 | 13 |
| 182 | IBEX OBSERVATIONS OF SECONDARY INTERSTELLAR HELIUM AND OXYGEN DISTRIBUTIONS. <i>Astrophysical Journal</i> , 2016, 833, 130. | 4.5 | 27 |
| 183 | Next-generation solid-state detectors for charged particle spectroscopy. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 6075-6091. | 2.4 | 11 |
| 184 | DETERMINATION OF INTERSTELLAR O PARAMETERS USING THE FIRST TWO YEARS OF DATA FROM THE INTERSTELLAR BOUNDARY EXPLORER. <i>Astrophysical Journal</i> , 2016, 828, 81. | 4.5 | 35 |
| 185 | SPECTRAL PROPERTIES OF LARGE GRADUAL SOLAR ENERGETIC PARTICLE EVENTS. II. SYSTEMATIC Q/M DEPENDENCE OF HEAVY ION SPECTRAL BREAKS. <i>Astrophysical Journal</i> , 2016, 828, 106. | 4.5 | 34 |
| 186 | DISTANCE TO THE IBEX RIBBON SOURCE INFERRED FROM PARALLAX. <i>Astrophysical Journal</i> , 2016, 823, 119. | 4.5 | 27 |
| 187 | THE NEW HORIZONS SOLAR WIND AROUND PLUTO (SWAP) OBSERVATIONS OF THE SOLAR WIND FROM 11–33 au. <i>Astrophysical Journal, Supplement Series</i> , 2016, 223, 19. | 7.7 | 39 |
| 188 | THE ROLL-OVER OF HELIOSPHERIC NEUTRAL HYDROGEN BELOW 100 eV: OBSERVATIONS AND IMPLICATIONS. <i>Astrophysical Journal</i> , 2016, 821, 107. | 4.5 | 31 |
| 189 | SPECTRAL PROPERTIES OF LARGE GRADUAL SOLAR ENERGETIC PARTICLE EVENTS. I. FE, O, AND SEED MATERIAL. <i>Astrophysical Journal</i> , 2016, 816, 68. | 4.5 | 29 |
| 190 | LONG-TERM TRENDS IN THE SOLAR WIND PROTON MEASUREMENTS. <i>Astrophysical Journal</i> , 2016, 832, 66. | 4.5 | 12 |
| 191 | MODELING THE SOLAR WIND AT THE ULYSSES, VOYAGER, AND NEW HORIZONS SPACECRAFT. <i>Astrophysical Journal</i> , 2016, 832, 72. | 4.5 | 23 |
| 192 | Analytical estimate for low-altitude ENA emissivity. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 1167-1191. | 2.4 | 9 |
| 193 | Modeling the response of a top hat electrostatic analyzer in an external magnetic field: Experimental validation with the Juno JADE sensor. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 5121-5136. | 2.4 | 3 |
| 194 | Energetic neutral atom and interstellar flow observations with IBEX: Implications for the global heliosphere. <i>AIP Conference Proceedings</i> , 2016, , . | 0.4 | 0 |
| 195 | Editorial: Topical Volume on Developing the Solar Probe Plus Mission. <i>Space Science Reviews</i> , 2016, 204, 1-6. | 8.1 | 11 |
| 196 | Pluto's interaction with the solar wind. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 4232-4246. | 2.4 | 32 |
| 197 | The FIELDS Instrument Suite for Solar Probe Plus. <i>Space Science Reviews</i> , 2016, 204, 49-82. | 8.1 | 521 |
| 198 | The Solar Probe Plus Mission: Humanity's First Visit to Our Star. <i>Space Science Reviews</i> , 2016, 204, 7-48. | 8.1 | 821 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 199 | Integrated Science Investigation of the Sun (ISIS): Design of the Energetic Particle Investigation. Space Science Reviews, 2016, 204, 187-256. | 8.1 | 139 |
| 200 | The atmosphere of Pluto as observed by New Horizons. Science, 2016, 351, aad8866. | 12.6 | 201 |
| 201 | Pluto's interaction with its space environment: Solar wind, energetic particles, and dust. Science, 2016, 351, aad9045. | 12.6 | 60 |
| 202 | The geology of Pluto and Charon through the eyes of New Horizons. Science, 2016, 351, 1284-1293. | 12.6 | 219 |
| 203 | Solar Wind Electrons Alphas and Protons (SWEAP) Investigation: Design of the Solar Wind and Coronal Plasma Instrument Suite for Solar Probe Plus. Space Science Reviews, 2016, 204, 131-186. | 8.1 | 439 |
| 204 | LOCAL INTERSTELLAR MAGNETIC FIELD DETERMINED FROM THE INTERSTELLAR BOUNDARY EXPLORER RIBBON. Astrophysical Journal Letters, 2016, 818, L18. | 8.3 | 153 |
| 205 | EXPLORING THE POSSIBILITY OF O AND Ne CONTAMINATION IN <i>ULYSSES</i> OBSERVATIONS OF INTERSTELLAR HELIUM. Astrophysical Journal, Supplement Series, 2015, 220, 31. | 7.7 | 10 |
| 206 | STRUCTURE OF THE <i>INTERSTELLAR BOUNDARY EXPLORER</i> RIBBON FROM SECONDARY CHARGE-EXCHANGE AT THE SOLAR-INTERSTELLAR INTERFACE. Astrophysical Journal Letters, 2015, 804, L22. | 8.3 | 39 |
| 207 | Avalanche photodiode based time-of-flight mass spectrometry. Review of Scientific Instruments, 2015, 86, 083302. | 1.3 | 4 |
| 208 | TWINS stereoscopic imaging of multiple peaks in the ring current. Journal of Geophysical Research: Space Physics, 2015, 120, 368-383. | 2.4 | 22 |
| 209 | First joint in situ and global observations of the medium-energy oxygen and hydrogen in the inner magnetosphere. Journal of Geophysical Research: Space Physics, 2015, 120, 7615-7628. | 2.4 | 12 |
| 210 | INTERSTELLAR NEUTRAL HELIUM IN THE HELIOSPHERE FROM <i>IBEX</i> OBSERVATIONS. III. MACH NUMBER OF THE FLOW, VELOCITY VECTOR, AND TEMPERATURE FROM THE FIRST SIX YEARS OF MEASUREMENTS. Astrophysical Journal, Supplement Series, 2015, 220, 28. | 7.7 | 99 |
| 211 | CHARTING THE INTERSTELLAR MAGNETIC FIELD CAUSING THE <i>INTERSTELLAR BOUNDARY EXPLORER</i> (<i>IBEX</i>) RIBBON OF ENERGETIC NEUTRAL ATOMS. Astrophysical Journal, 2015, 814, 112. | 4.5 | 42 |
| 212 | USING KAPPA FUNCTIONS TO CHARACTERIZE OUTER HELIOSPHERE PROTON DISTRIBUTIONS IN THE PRESENCE OF CHARGE-EXCHANGE. Astrophysical Journal, 2015, 815, 31. | 4.5 | 36 |
| 213 | DETERMINATION OF INTERSTELLAR He PARAMETERS USING FIVE YEARS OF DATA FROM THE <i>IBEX</i> : BEYOND CLOSED FORM APPROXIMATIONS. Astrophysical Journal, Supplement Series, 2015, 220, 25. | 7.7 | 81 |
| 214 | THE INTERSTELLAR NEUTRAL He HAZE IN THE HELIOSPHERE: WHAT CAN WE LEARN?. Astrophysical Journal, Supplement Series, 2015, 220, 29. | 7.7 | 30 |
| 215 | Interstellar Gas Flow Vector and Temperature Determination over 5 Years of IBEX Observations. Journal of Physics: Conference Series, 2015, 577, 012019. | 0.4 | 12 |
| 216 | Imaging the development of the cold dense plasma sheet. Geophysical Research Letters, 2015, 42, 7867-7873. | 4.0 | 15 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 217 | STATISTICAL ANALYSIS OF THE HEAVY NEUTRAL ATOMS MEASURED BY <i>IBEX</i> . <i>Astrophysical Journal, Supplement Series</i> , 2015, 220, 34. | 7.7 | 28 |
| 218 | INTERSTELLAR NEUTRAL HELIUM IN THE HELIOSPHERE FROM <i>IBEX</i> OBSERVATIONS. I. UNCERTAINTIES AND BACKGROUNDS IN THE DATA AND PARAMETER DETERMINATION METHOD. <i>Astrophysical Journal, Supplement Series</i> , 2015, 220, 26. | 7.7 | 35 |
| 219 | INTERSTELLAR HYDROGEN FLUXES MEASURED BY <i>IBEX</i> -LO IN 2009: NUMERICAL MODELING AND COMPARISON WITH THE DATA. <i>Astrophysical Journal, Supplement Series</i> , 2015, 220, 33. | 7.7 | 30 |
| 220 | INTERSTELLAR FLOW AND TEMPERATURE DETERMINATION WITH <i>IBEX</i> : ROBUSTNESS AND SENSITIVITY TO SYSTEMATIC EFFECTS. <i>Astrophysical Journal, Supplement Series</i> , 2015, 220, 24. | 7.7 | 59 |
| 221 | Connecting the interstellar magnetic field at the heliosphere to the Loop I superbubble. <i>Journal of Physics: Conference Series</i> , 2015, 577, 012010. | 0.4 | 3 |
| 222 | Anisotropies in TeV Cosmic Rays Related to the Local Interstellar Magnetic Field from the IBEX Ribbon. <i>Journal of Physics: Conference Series</i> , 2015, 577, 012023. | 0.4 | 1 |
| 223 | TRIANGULATION OF THE INTERSTELLAR MAGNETIC FIELD. <i>Astrophysical Journal Letters</i> , 2015, 813, L20. | 8.3 | 20 |
| 224 | CAN <i>IBEX</i> DETECT INTERSTELLAR NEUTRAL HELIUM OR OXYGEN FROM ANTI-RAM DIRECTIONS?. <i>Astrophysical Journal, Supplement Series</i> , 2015, 220, 30. | 7.7 | 31 |
| 225 | LOCAL INTERSTELLAR MEDIUM: SIX YEARS OF DIRECT SAMPLING BY <i>IBEX</i> . <i>Astrophysical Journal, Supplement Series</i> , 2015, 220, 22. | 7.7 | 128 |
| 226 | SYMMETRY OF THE <i>IBEX</i> -RIBBON OF ENHANCED ENERGETIC NEUTRAL ATOM (ENA) FLUX. <i>Astrophysical Journal</i> , 2015, 799, 68. | 4.5 | 19 |
| 227 | Interplanetary magnetic field dependence of the suprathermal energetic neutral atoms originated in subsolar magnetopause. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 964-972. | 2.4 | 19 |
| 228 | An integrated time-of-flight versus residual energy subsystem for a compact dual ion composition experiment for space plasmas. <i>Review of Scientific Instruments</i> , 2015, 86, 054501. | 1.3 | 6 |
| 229 | SIMULATIONS OF A DYNAMIC SOLAR CYCLE AND ITS EFFECTS ON THE <i>IBEX</i> -RIBBON AND GLOBALLY DISTRIBUTED ENERGETIC NEUTRAL ATOM FLUX. <i>Astrophysical Journal</i> , 2015, 804, 5. | 4.5 | 35 |
| 230 | Shape of the terrestrial plasma sheet in the near-Earth magnetospheric tail as imaged by the Interstellar Boundary Explorer. <i>Geophysical Research Letters</i> , 2015, 42, 2115-2122. | 4.0 | 14 |
| 231 | EVIDENCE FOR AN INTERSTELLAR DUST FILAMENT IN THE OUTER HELIOSHEATH. <i>Astrophysical Journal</i> , 2015, 805, 60. | 4.5 | 15 |
| 232 | Solar wind at 33 AU: Setting bounds on the Pluto interaction for New Horizons. <i>Journal of Geophysical Research E: Planets</i> , 2015, 120, 1497-1511. | 3.6 | 19 |
| 233 | LATITUDINAL AND ENERGY DEPENDENCE OF ENERGETIC NEUTRAL ATOM SPECTRAL INDICES MEASURED BY THE <i>IBEX</i> . <i>Astrophysical Journal</i> , 2015, 802, 100. | 4.5 | 10 |
| 234 | The Pluto system: Initial results from its exploration by New Horizons. <i>Science</i> , 2015, 350, aad1815. | 12.6 | 407 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 235 | REVISITING THE ISN FLOW PARAMETERS, USING A VARIABLE <i>IBEX</i> POINTING STRATEGY. <i>Astrophysical Journal</i> , 2015, 804, 42. | 4.5 | 44 |
| 236 | WARMER LOCAL INTERSTELLAR MEDIUM: A POSSIBLE RESOLUTION OF THE <i>ULYSSES</i> - <i>IBEX</i> ENIGMA. <i>Astrophysical Journal</i> , 2015, 801, 28. | 4.5 | 90 |
| 237 | CORRECTING THE RECORD ON THE ANALYSIS OF <i>IBEX</i> AND <i>STEREO</i> DATA REGARDING VARIATIONS IN THE NEUTRAL INTERSTELLAR WIND. <i>Astrophysical Journal</i> , 2015, 801, 61. | 4.5 | 24 |
| 238 | A survey of solar wind conditions at 5 AU: a tool for interpreting solar wind-magnetosphere interactions at Jupiter. <i>Frontiers in Astronomy and Space Sciences</i> , 2014, 1, . | 2.8 | 27 |
| 239 | SEPARATION OF THE RIBBON FROM GLOBALLY DISTRIBUTED ENERGETIC NEUTRAL ATOM FLUX USING THE FIRST FIVE YEARS OF <i>IBEX</i> OBSERVATIONS. <i>Astrophysical Journal</i> , Supplement Series, 2014, 215, 13. | 7.7 | 97 |
| 240 | IMAGING THE HELIOSPHERE USING NEUTRAL ATOMS FROM SOLAR WIND ENERGY DOWN TO 15 eV. <i>Astrophysical Journal</i> , 2014, 796, 9. | 4.5 | 23 |
| 241 | INBOUND WAVES IN THE SOLAR CORONA: A DIRECT INDICATOR OF ALFVÉN SURFACE LOCATION. <i>Astrophysical Journal</i> , 2014, 787, 124. | 4.5 | 51 |
| 242 | Signal Processing for the Measurement of the Deuterium/Hydrogen Ratio in the Local Interstellar Medium. <i>Entropy</i> , 2014, 16, 1134-1168. | 2.2 | 13 |
| 243 | The SupraThermal Ion Monitor for space weather predictions. <i>Review of Scientific Instruments</i> , 2014, 85, 054501. | 1.3 | 5 |
| 244 | PLASMA FLOWS AT <i>VOYAGER 2</i> AWAY FROM THE MEASURED SUPRATHERMAL PRESSURES. <i>Astrophysical Journal Letters</i> , 2014, 795, L17. | 8.3 | 44 |
| 245 | <i>IBEX</i> : THE FIRST FIVE YEARS (2009-2013). <i>Astrophysical Journal</i> , Supplement Series, 2014, 213, 20. | 7.7 | 89 |
| 246 | ENERGETIC NEUTRAL ATOMS MEASURED BY THE <i>INTERSTELLAR BOUNDARY EXPLORER</i> (<i>IBEX</i>): EVIDENCE FOR MULTIPLE HELIOSHEATH POPULATIONS. <i>Astrophysical Journal</i> , 2014, 780, 98. | 4.5 | 49 |
| 247 | Global Anisotropies in TeV Cosmic Rays Related to the Sun's Local Galactic Environment from <i>IBEX</i> . <i>Science</i> , 2014, 343, 988-990. | 12.6 | 98 |
| 248 | Electrostatic shielding in plasmas and the physical meaning of the Debye length. <i>Journal of Plasma Physics</i> , 2014, 80, 341-378. | 2.1 | 51 |
| 249 | WARM BREEZE FROM THE STARBOARD BOW: A NEW POPULATION OF NEUTRAL HELIUM IN THE HELIOSPHERE. <i>Astrophysical Journal</i> , Supplement Series, 2014, 213, 29. | 7.7 | 77 |
| 250 | THE Ne-TO-O ABUNDANCE RATIO OF THE INTERSTELLAR MEDIUM FROM <i>IBEX</i> -Lo OBSERVATIONS. <i>Astrophysical Journal</i> , 2014, 795, 97. | 4.5 | 32 |
| 251 | SPECTRAL EVOLUTION OF ENERGETIC NEUTRAL ATOM EMISSIONS AT THE HELIOSPHERIC POLES AS MEASURED BY <i>IBEX</i> DURING ITS FIRST THREE YEARS. <i>Astrophysical Journal</i> , 2014, 797, 57. | 4.5 | 16 |
| 252 | LOW ENERGY NEUTRAL ATOMS FROM THE HELIOSHEATH. <i>Astrophysical Journal</i> , 2014, 784, 89. | 4.5 | 53 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 253 | Large magnetic storms as viewed by TWINS: A study of the differences in the medium energy ENA composition. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 2819-2835. | 2.4 | 19 |
| 254 | IBEX's Enigmatic Ribbon in the sky and its many possible sources. <i>Reviews of Geophysics</i> , 2014, 52, 118-155. | 23.0 | 79 |
| 255 | CHARGE-EXCHANGE COUPLING BETWEEN PICKUP IONS ACROSS THE HELIOPAUSE AND ITS EFFECT ON ENERGETIC NEUTRAL HYDROGEN FLUX. <i>Astrophysical Journal</i> , 2014, 783, 129. | 4.5 | 57 |
| 256 | Properties of plasma ions in the distant Jovian magnetosheath using Solar Wind Around Pluto data on New Horizons. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 3463-3479. | 2.4 | 41 |
| 257 | Plasma and energetic particle observations in Jupiter's deep tail near the magnetopause. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 6432-6444. | 2.4 | 4 |
| 258 | Large-scale quantization from local correlations in space plasmas. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 3247-3258. | 2.4 | 16 |
| 259 | Bimodal size of Jupiter's magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 1523-1529. | 2.4 | 17 |
| 260 | Transit-time aspects of ENA production models for the inner heliosheath. <i>Astronomy and Astrophysics</i> , 2014, 565, A81. | 5.1 | 10 |
| 261 | Anisotropies in TeV Cosmic Rays Related to the IBEX Ribbon. <i>Journal of Physics: Conference Series</i> , 2014, 531, 012010. | 0.4 | 2 |
| 262 | Magnetospheric Science Objectives of the Juno Mission. , 2014, , 39-107. | | 3 |
| 263 | The IBEX ribbon as a signature of the inhomogeneity of the local interstellar medium. <i>Astronomy and Astrophysics</i> , 2014, 561, A74. | 5.1 | 12 |
| 264 | Heliolatitude and Time Variations of Solar Wind Structure from in situ Measurements and Interplanetary Scintillation Observations. <i>Solar Physics</i> , 2013, 285, 167-200. | 2.5 | 85 |
| 265 | The Interstellar Boundary Explorer (IBEX):. <i>Space Science Reviews</i> , 2013, 176, 101-113. | 8.1 | 5 |
| 266 | PROBING THE NATURE OF THE HELIOSHEATH WITH THE NEUTRAL ATOM SPECTRA MEASURED BY IBEX IN THE VOYAGER 1 DIRECTION. <i>Astrophysical Journal Letters</i> , 2013, 776, L32. | 8.3 | 17 |
| 267 | Decades-Long Changes of the Interstellar Wind Through Our Solar System. <i>Science</i> , 2013, 341, 1080-1082. | 12.6 | 63 |
| 268 | Five Years of Stereo Magnetospheric Imaging by TWINS. <i>Space Science Reviews</i> , 2013, 180, 39-70. | 8.1 | 33 |
| 269 | A slow bow shock ahead of the heliosphere. <i>Geophysical Research Letters</i> , 2013, 40, 2923-2928. | 4.0 | 35 |
| 270 | Understanding Kappa Distributions: A Toolbox for Space Science and Astrophysics. <i>Space Science Reviews</i> , 2013, 175, 183-214. | 8.1 | 293 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 271 | Local time-dependent low altitude ion spectra deduced from TWINS ENA images. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 2928-2950. | 2.4 | 14 |
| 272 | Oxygen-hydrogen differentiated observations from TWINS: The 22 July 2009 storm. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 3377-3393. | 2.4 | 21 |
| 273 | WEAKEST SOLAR WIND OF THE SPACE AGE AND THE CURRENT "MINI"-SOLAR MAXIMUM. <i>Astrophysical Journal</i> , 2013, 779, 2. | 4.5 | 166 |
| 274 | Fitting method based on correlation maximization: Applications in space physics. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 2863-2875. | 2.4 | 52 |
| 275 | Characterizing the dayside magnetosheath using energetic neutral atoms: IBEX and THEMIS observations. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 3126-3137. | 2.4 | 59 |
| 276 | Reflection of solar wind hydrogen from the lunar surface. <i>Journal of Geophysical Research E: Planets</i> , 2013, 118, 292-305. | 3.6 | 31 |
| 277 | Physics derived from IBEX ENA fluxes and direct interstellar neutral measurements. , 2013, , . | | 0 |
| 278 | Evidence of Large-Scale Quantization in Space Plasmas. <i>Entropy</i> , 2013, 15, 1118-1134. | 2.2 | 47 |
| 279 | SOLAR RADIATION PRESSURE AND LOCAL INTERSTELLAR MEDIUM FLOW PARAMETERS FROM INTERSTELLAR BOUNDARY EXPLORER LOW ENERGY HYDROGEN MEASUREMENTS. <i>Astrophysical Journal</i> , 2013, 775, 86. | 4.5 | 57 |
| 280 | HEMISPHERIC ASYMMETRIES IN THE POLAR SOLAR WIND OBSERVED BY ULYSSES NEAR THE MINIMA OF SOLAR CYCLES 22 AND 23. <i>Astrophysical Journal</i> , 2013, 768, 160. | 4.5 | 13 |
| 281 | IS VOYAGER 1 INSIDE AN INTERSTELLAR FLUX TRANSFER EVENT?. <i>Astrophysical Journal Letters</i> , 2013, 778, L33. | 8.3 | 24 |
| 282 | CIRCULARITY OF THE INTERSTELLAR BOUNDARY EXPLORER RIBBON OF ENHANCED ENERGETIC NEUTRAL ATOM (ENA) FLUX. <i>Astrophysical Journal</i> , 2013, 776, 30. | 4.5 | 121 |
| 283 | TRACKING CORONAL FEATURES FROM THE LOW CORONA TO EARTH: A QUANTITATIVE ANALYSIS OF THE 2008 DECEMBER 12 CORONAL MASS EJECTION. <i>Astrophysical Journal</i> , 2013, 769, 43. | 4.5 | 83 |
| 284 | THE HELIOTAIL REVEALED BY THE INTERSTELLAR BOUNDARY EXPLORER. <i>Astrophysical Journal</i> , 2013, 771, 77. | 4.5 | 90 |
| 285 | INTERSTELLAR PICK-UP IONS OBSERVED BETWEEN 11 AND 22 AU BY NEW HORIZONS. <i>Astrophysical Journal</i> , 2013, 768, 120. | 4.5 | 26 |
| 286 | THREE-DIMENSIONAL FEATURES OF THE OUTER HELIOSPHERE DUE TO COUPLING BETWEEN THE INTERSTELLAR AND INTERPLANETARY MAGNETIC FIELDS. IV. SOLAR CYCLE MODEL BASED ON ULYSSES OBSERVATIONS. <i>Astrophysical Journal</i> , 2013, 772, 2. | 4.5 | 93 |
| 287 | SIMULATING THE COMPTON-GETTING EFFECT FOR HYDROGEN FLUX MEASUREMENTS: IMPLICATIONS FOR IBEX-Hi AND -Lo OBSERVATIONS. <i>Astrophysical Journal</i> , 2013, 778, 112. | 4.5 | 26 |
| 288 | Response in electrostatic analyzers due to backscattered electrons: Case study analysis with the Juno Jovian Auroral Distribution Experiment-Electron instrument. <i>Review of Scientific Instruments</i> , 2013, 84, 105109. | 1.3 | 2 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 289 | Assessment of detectability of neutral interstellar deuterium by IBEX observations. <i>Astronomy and Astrophysics</i> , 2013, 556, A39. | 5.1 | 17 |
| 290 | HELIOSPHERIC STRUCTURE: THE BOW WAVE AND THE HYDROGEN WALL. <i>Astrophysical Journal</i> , 2013, 763, 20. | 4.5 | 154 |
| 291 | PRESSURE OF THE PROTON PLASMA IN THE INNER HELIOSHEATH. <i>Astrophysical Journal</i> , 2013, 762, 134. | 4.5 | 65 |
| 292 | SPATIAL RETENTION OF IONS PRODUCING THE IBEX RIBBON. <i>Astrophysical Journal</i> , 2013, 764, 92. | 4.5 | 97 |
| 293 | The free escape continuum of diffuse ions upstream of the Earth's quasi-parallel bow shock. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 4425-4434. | 2.4 | 6 |
| 294 | Comparison of TWINS and THEMIS observations of proton pitch angle distributions in the ring current during the 29 May 2010 geomagnetic storm. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 4895-4905. | 2.4 | 15 |
| 295 | The K_p index and solar wind speed relationship: Insights for improving space weather forecasts. <i>Space Weather</i> , 2013, 11, 339-349. | 3.7 | 26 |
| 296 | The Cassini Ion Mass Spectrometer. <i>Geophysical Monograph Series</i> , 2013, , 187-193. | 0.1 | 10 |
| 297 | Cassini Plasma Spectrometer Investigation. <i>Geophysical Monograph Series</i> , 2013, , 237-242. | 0.1 | 7 |
| 298 | The Cassini Ion Mass Spectrometer: Performance Metrics and Techniques. <i>Geophysical Monograph Series</i> , 2013, , 209-214. | 0.1 | 5 |
| 299 | The Magnetospheric Trough. <i>Geophysical Monograph Series</i> , 2013, , 355-369. | 0.1 | 6 |
| 300 | Solar Parameters for Modeling the Interplanetary Background. , 2013, , 67-138. | | 56 |
| 301 | Spectral properties of keV-energetic ion populations inside the heliopause reflected by IBEX-relevant energetic neutral atoms. <i>Astronomy and Astrophysics</i> , 2013, 551, A58. | 5.1 | 15 |
| 302 | Evidence of direct detection of interstellar deuterium in the local interstellar medium by IBEX. <i>Astronomy and Astrophysics</i> , 2013, 557, A125. | 5.1 | 28 |
| 303 | The Jovian Auroral Distributions Experiment (JADE) on the Juno Mission to Jupiter. , 2013, , 529-625. | | 0 |
| 304 | AN ANALYTICAL MODEL OF INTERSTELLAR GAS IN THE HELIOSPHERE TAILORED TO INTERSTELLAR BOUNDARY EXPLORER OBSERVATIONS. <i>Astrophysical Journal, Supplement Series</i> , 2012, 198, 10. | 7.7 | 54 |
| 305 | THE FIRST THREE YEARS OF IBEX OBSERVATIONS AND OUR EVOLVING HELIOSPHERE. <i>Astrophysical Journal, Supplement Series</i> , 2012, 203, 1. | 7.7 | 114 |
| 306 | LOCAL INTERSTELLAR NEUTRAL HYDROGEN SAMPLED IN SITU BY IBEX. <i>Astrophysical Journal, Supplement Series</i> , 2012, 198, 14. | 7.7 | 59 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 307 | ESTIMATION OF THE NEON/OXYGEN ABUNDANCE RATIO AT THE HELIOSPHERIC TERMINATION SHOCK AND IN THE LOCAL INTERSTELLAR MEDIUM FROM <i>IBEX</i> OBSERVATIONS. <i>Astrophysical Journal, Supplement Series</i> , 2012, 198, 13. | 7.7 | 57 |
| 308 | INTERSTELLAR GAS FLOW PARAMETERS DERIVED FROM INTERSTELLAR BOUNDARY EXPLORER-Lo OBSERVATIONS IN 2009 AND 2010: ANALYTICAL ANALYSIS. <i>Astrophysical Journal, Supplement Series</i> , 2012, 198, 11. | 7.7 | 160 |
| 309 | EDITORIAL: INTERSTELLAR BOUNDARY EXPLORER (IBEX): DIRECT SAMPLING OF THE INTERSTELLAR MEDIUM. <i>Astrophysical Journal, Supplement Series</i> , 2012, 198, 8. | 7.7 | 5 |
| 310 | NON-EQUILIBRIUM THERMODYNAMIC PROCESSES: SPACE PLASMAS AND THE INNER HELIOSHEATH. <i>Astrophysical Journal</i> , 2012, 749, 11. | 4.5 | 60 |
| 311 | A simple 3D plasma instrument with an electrically adjustable geometric factor for space research. <i>Measurement Science and Technology</i> , 2012, 23, 025901. | 2.6 | 4 |
| 312 | NEUTRAL INTERSTELLAR HELIUM PARAMETERS BASED ON IBEX-Lo OBSERVATIONS AND TEST PARTICLE CALCULATIONS. <i>Astrophysical Journal, Supplement Series</i> , 2012, 198, 12. | 7.7 | 145 |
| 313 | PRECISION POINTING OF IBEX-Lo OBSERVATIONS. <i>Astrophysical Journal, Supplement Series</i> , 2012, 198, 9. | 7.7 | 19 |
| 314 | Update on IBEX and the outer boundary of the space radiation environment. , 2012, , . | | 0 |
| 315 | SPECTRAL PROPERTIES OF $\sim 4.5-6$ keV ENERGETIC NEUTRAL ATOMS MEASURED BY THE <i>INTERSTELLAR BOUNDARY EXPLORER</i> (<i>IBEX</i>) ALONG THE LINES OF SIGHT OF <i>VOYAGER</i> . <i>Astrophysical Journal Letters</i> , 2012, 749, L30. | 8.3 | 30 |
| 316 | EXPLORING THE TIME DISPERSION OF THE <i>IBEX</i> -HI ENERGETIC NEUTRAL ATOM SPECTRA AT THE ECLIPTIC POLES. <i>Astrophysical Journal Letters</i> , 2012, 749, L41. | 8.3 | 12 |
| 317 | VARIATIONS IN THE HELIOSPHERIC POLAR ENERGETIC NEUTRAL ATOM FLUX OBSERVED BY THE <i>INTERSTELLAR BOUNDARY EXPLORER</i> . <i>Astrophysical Journal</i> , 2012, 747, 110. | 4.5 | 33 |
| 318 | OBSERVATIONS OF ISOTROPIC INTERSTELLAR PICK-UP IONS AT 11 AND 17 AU FROM <i>NEW HORIZONS</i> . <i>Astrophysical Journal</i> , 2012, 755, 75. | 4.5 | 21 |
| 319 | THE INTERSTELLAR MAGNETIC FIELD CLOSE TO THE SUN. II.. <i>Astrophysical Journal</i> , 2012, 760, 106. | 4.5 | 57 |
| 320 | DISCONNECTING OPEN SOLAR MAGNETIC FLUX. <i>Astrophysical Journal</i> , 2012, 745, 36. | 4.5 | 27 |
| 321 | A Linear Mode Avalanche Photodiode for Ion Detection in the Energy Range 5â€“250 keV. <i>IEEE Transactions on Nuclear Science</i> , 2012, 59, 2601-2607. | 2.0 | 13 |
| 322 | The Heliosphereâ€™s Interstellar Interaction: No Bow Shock. <i>Science</i> , 2012, 336, 1291-1293. | 12.6 | 226 |
| 323 | TWINS energetic neutral atom observations of localâ€timeâ€dependent ring current anisotropy. <i>Journal of Geophysical Research</i> , 2012, 117, . | 3.3 | 19 |
| 324 | Evolution of CIR storm on 22 July 2009. <i>Journal of Geophysical Research</i> , 2012, 117, . | 3.3 | 30 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 325 | Temporal and radial variation of the solar wind temperature–speed relationship. <i>Journal of Geophysical Research</i> , 2012, 117, . | 3.3 | 54 |
| 326 | Variability of the solar wind suprathermal electron strahl. <i>Journal of Geophysical Research</i> , 2012, 117, . | 3.3 | 41 |
| 327 | Two Wide–Angle Imaging Neutral–Atom Spectrometers and Interstellar Boundary Explorer energetic neutral atom imaging of the 5 April 2010 substorm. <i>Journal of Geophysical Research</i> , 2012, 117, . | 3.3 | 51 |
| 328 | Formation, shape, and evolution of magnetic structures in CIRs at 1 AU. <i>Journal of Geophysical Research</i> , 2012, 117, . | 3.3 | 22 |
| 329 | Inner magnetosphere convection and magnetotail structure of hot ions imaged by ENA during a HSS–driven storm. <i>Journal of Geophysical Research</i> , 2012, 117, . | 3.3 | 19 |
| 330 | Latitudinal anisotropy in ring current energetic neutral atoms. <i>Geophysical Research Letters</i> , 2012, 39, . | 4.0 | 12 |
| 331 | PICK-UP ION DISTRIBUTIONS AND THEIR INFLUENCE ON ENERGETIC NEUTRAL ATOM SPECTRAL CURVATURE. <i>Astrophysical Journal</i> , 2012, 751, 64. | 4.5 | 49 |
| 332 | HELIOSPHERIC NEUTRAL ATOM SPECTRA BETWEEN 0.01 AND 6 keV FROM IBEX. <i>Astrophysical Journal</i> , 2012, 754, 14. | 4.5 | 46 |
| 333 | DISCONNECTION FROM THE TERMINATION SHOCK: THE END OF THE VOYAGER PARADOX. <i>Astrophysical Journal</i> , 2012, 758, 19. | 4.5 | 19 |
| 334 | IBEX-Lo observations of energetic neutral hydrogen atoms originating from the lunar surface. <i>Planetary and Space Science</i> , 2012, 60, 297-303. | 1.7 | 28 |
| 335 | The inner heliosheath source for keV-ENAs observed with IBEX. <i>Astronomy and Astrophysics</i> , 2012, 539, A75. | 5.1 | 16 |
| 336 | EFFECTS OF FAST AND SLOW SOLAR WIND ON THE ENERGETIC NEUTRAL ATOM (ENA) SPECTRA MEASURED BY THE INTERSTELLAR BOUNDARY EXPLORER (IBEX) AT THE HELIOSPHERIC POLES. <i>Astrophysical Journal</i> , 2012, 749, 50. | 4.5 | 39 |
| 337 | Remote observations of ion temperatures in the quiet time magnetosphere. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a. | 4.0 | 26 |
| 338 | First IBEX observations of the terrestrial plasma sheet and a possible disconnection event. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a. | 3.3 | 38 |
| 339 | Neutral atom imaging of the magnetospheric cusps. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a. | 3.3 | 53 |
| 340 | A new class of long-term stable lunar resonance orbits: Space weather applications and the Interstellar Boundary Explorer. <i>Space Weather</i> , 2011, 9, . | 3.7 | 55 |
| 341 | IBEX observations of heliospheric energetic neutral atoms: Current understanding and future directions. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a. | 4.0 | 64 |
| 342 | INTERSTELLAR BOUNDARY EXPLORER MEASUREMENTS AND MAGNETIC FIELD IN THE VICINITY OF THE HELIOPAUSE. <i>Astrophysical Journal</i> , 2011, 742, 104. | 4.5 | 61 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 343 | SEPARATION OF THE <i>INTERSTELLAR BOUNDARY EXPLORER</i> RIBBON FROM GLOBALLY DISTRIBUTED ENERGETIC NEUTRAL ATOM FLUX. <i>Astrophysical Journal</i> , 2011, 731, 56. | 4.5 | 153 |
| 344 | FIRST SKY MAP OF THE INNER HELIOSHEATH TEMPERATURE USING <i>IBEX</i> SPECTRA. <i>Astrophysical Journal</i> , 2011, 734, 1. | 4.5 | 132 |
| 345 | THE INFLUENCE OF PICK-UP IONS ON SPACE PLASMA DISTRIBUTIONS. <i>Astrophysical Journal</i> , 2011, 738, 64. | 4.5 | 51 |
| 346 | CORONAL ELECTRON TEMPERATURE FROM THE SOLAR WIND SCALING LAW THROUGHOUT THE SPACE AGE. <i>Astrophysical Journal</i> , 2011, 739, 9. | 4.5 | 29 |
| 347 | INVARIANT KAPPA DISTRIBUTION IN SPACE PLASMAS OUT OF EQUILIBRIUM. <i>Astrophysical Journal</i> , 2011, 741, 88. | 4.5 | 138 |
| 348 | Recent <i>IBEX</i> Observations and the Evolving Interstellar Interaction. , 2011, , . | | 0 |
| 349 | SPECTRAL PROPERTIES OF REGIONS AND STRUCTURES IN THE <i>INTERSTELLAR BOUNDARY EXPLORER</i> (<i>IBEX</i>) SKY MAPS. <i>Astrophysical Journal</i> , 2011, 734, 29. | 4.5 | 38 |
| 350 | The inner heliospheric source for keV-energetic <i>IBEX</i> ENAs. <i>Astronomy and Astrophysics</i> , 2011, 531, A77. | 5.1 | 17 |
| 351 | MICROSTRUCTURE OF THE HELIOSPHERIC TERMINATION SHOCK: IMPLICATIONS FOR ENERGETIC NEUTRAL ATOM OBSERVATIONS. <i>Astrophysical Journal</i> , 2010, 708, 1092-1106. | 4.5 | 161 |
| 352 | PICKUP IONS FROM ENERGETIC NEUTRAL ATOMS. <i>Astrophysical Journal Letters</i> , 2010, 712, L157-L159. | 8.3 | 12 |
| 353 | SCATTER-FREE PICKUP IONS BEYOND THE HELIOPAUSE AS A MODEL FOR THE <i>INTERSTELLAR BOUNDARY EXPLORER</i> RIBBON. <i>Astrophysical Journal Letters</i> , 2010, 716, L99-L102. | 8.3 | 119 |
| 354 | CAN <i>IBEX</i> IDENTIFY VARIATIONS IN THE GALACTIC ENVIRONMENT OF THE SUN USING ENERGETIC NEUTRAL ATOMS?. <i>Astrophysical Journal</i> , 2010, 719, 1984-1992. | 4.5 | 16 |
| 355 | COMPARISONS OF THE INTERSTELLAR MAGNETIC FIELD DIRECTIONS OBTAINED FROM THE <i>IBEX</i> RIBBON AND INTERSTELLAR POLARIZATIONS. <i>Astrophysical Journal</i> , 2010, 724, 1473-1479. | 4.5 | 33 |
| 356 | A POSSIBLE GENERATION MECHANISM FOR THE <i>IBEX</i> RIBBON FROM OUTSIDE THE HELIOSPHERE. <i>Astrophysical Journal Letters</i> , 2010, 715, L84-L87. | 8.3 | 44 |
| 357 | EXPLORING TRANSITIONS OF SPACE PLASMAS OUT OF EQUILIBRIUM. <i>Astrophysical Journal</i> , 2010, 714, 971-987. | 4.5 | 111 |
| 358 | Measure of the departure of the q -metastable stationary states from equilibrium. <i>Physica Scripta</i> , 2010, 82, 035003. | 2.5 | 41 |
| 359 | A Composition Analysis Tool for the Solar Wind Around Pluto (SWAP) Instrument on New Horizons. <i>Space Science Reviews</i> , 2010, 156, 1-12. | 8.1 | 11 |
| 360 | Thin dead-layer avalanche photodiodes enable low-energy ion measurements. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010, 614, 271-277. | 1.6 | 13 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 361 | Reflections of ions in electrostatic analyzers: A case study with New Horizons/Solar Wind Around Pluto. Review of Scientific Instruments, 2010, 81, 114501. | 1.3 | 5 |
| 362 | PICK-UP IONS IN THE OUTER HELIOSHEATH: A POSSIBLE MECHANISM FOR THE INTERSTELLAR BOUNDARY EXplorer RIBBON. Astrophysical Journal Letters, 2010, 708, L126-L130. | 8.3 | 212 |
| 363 | First Results from the Interstellar Boundary Explorer (IBEX) Mission. AIP Conference Proceedings, 2010, , . | 0.4 | 1 |
| 364 | Transient Phenomena in the Distant Solar Wind and in the Heliosheath. , 2010, , . | | 5 |
| 365 | Solar Wind Speed And Temperature Relationship. , 2010, , . | | 7 |
| 366 | Relating IBEX and Voyager Data through Global Modeling of the Heliospheric Interface. , 2010, , . | | 2 |
| 367 | Non-equilibrium Stationary States in the Heliosphere and the Influence of Pick-up Ions. AIP Conference Proceedings, 2010, , . | 0.4 | 7 |
| 368 | Density Correlations between Solar wind and Pick-up Ions. , 2010, , . | | 2 |
| 369 | Pickup hydrogen distributions in the solar wind at ~ 11 AU: Do we understand pickup ions in the outer heliosphere?. Journal of Geophysical Research, 2010, 115, . | 3.3 | 21 |
| 370 | On the relationship between coronal heating, magnetic flux, and the density of the solar wind. Journal of Geophysical Research, 2010, 115, . | 3.3 | 13 |
| 371 | Energetic neutral atoms from the Earth's subsolar magnetopause. Geophysical Research Letters, 2010, 37, . | 4.0 | 66 |
| 372 | Oxygen flux in the solar wind: Ulysses observations. Geophysical Research Letters, 2010, 37, . | 4.0 | 48 |
| 373 | Ring current dynamics in moderate and strong storms: Comparative analysis of TWINS and IMAGE/HENA data with the Comprehensive Ring Current Model. Journal of Geophysical Research, 2010, 115, . | 3.3 | 39 |
| 374 | Global observations of ring current dynamics during corotating interaction regionâ€‘driven geomagnetic storms in 2008. Journal of Geophysical Research, 2010, 115, . | 3.3 | 14 |
| 375 | Evolution of lowâ€‘altitude and ring current ENA emissions from a moderate magnetospheric storm: Continuous and simultaneous TWINS observations. Journal of Geophysical Research, 2010, 115, . | 3.3 | 39 |
| 376 | Simulation and TWINS observations of the 22 July 2009 storm. Journal of Geophysical Research, 2010, 115, . | 3.3 | 26 |
| 377 | Evolving outer heliosphere: Largeâ€‘scale stability and time variations observed by the Interstellar Boundary Explorer. Journal of Geophysical Research, 2010, 115, . | 3.3 | 92 |
| 378 | Comparison of TWINS images of lowâ€‘altitude emission of energetic neutral atoms with DMSP precipitating ion fluxes. Journal of Geophysical Research, 2010, 115, . | 3.3 | 43 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 379 | Timing of changes in the solar wind energy input in relation to ionospheric response. Journal of Geophysical Research, 2010, 115, . | 3.3 | 6 |
| 380 | Location, structure, and motion of Jupiter's dusk magnetospheric boundary from ~ 1625 to 2550 $<i>R</i>_J$. Journal of Geophysical Research, 2010, 115, . | 3.3 | 18 |
| 381 | The Interstellar Boundary Explorer (IBEX):. Space Sciences Series of ISSI, 2010, , 101-113. | 0.0 | 0 |
| 382 | A ONE-SIDED ASPECT OF ALFVENIC FLUCTUATIONS IN THE SOLAR WIND. Astrophysical Journal, 2009, 695, L213-L216. | 4.5 | 68 |
| 383 | The entrance system laboratory prototype for an advanced mass and ionic charge composition experiment. Review of Scientific Instruments, 2009, 80, 104502. | 1.3 | 8 |
| 384 | Avalanche Photodiode Arrays Enable Large-Area Measurements of Medium-Energy Electrons. IEEE Transactions on Nuclear Science, 2009, 56, 2533-2537. | 2.0 | 9 |
| 385 | Comparison of Interstellar Boundary Explorer Observations with 3D Global Heliospheric Models. Science, 2009, 326, 966-968. | 12.6 | 221 |
| 386 | Width and Variation of the ENA Flux Ribbon Observed by the Interstellar Boundary Explorer. Science, 2009, 326, 962-964. | 12.6 | 166 |
| 387 | Exploring the Boundaries of our Heliosphere: The Interstellar Boundary Explorer (IBEX) and Solar Probe. , 2009, , . | | 1 |
| 388 | Global Observations of the Interstellar Interaction from the Interstellar Boundary Explorer (IBEX). Science, 2009, 326, 959-962. | 12.6 | 461 |
| 389 | Imaging the Interaction of the Heliosphere with the Interstellar Medium from Saturn with Cassini. Science, 2009, 326, 971-973. | 12.6 | 114 |
| 390 | Structures and Spectral Variations of the Outer Heliosphere in IBEX Energetic Neutral Atom Maps. Science, 2009, 326, 964-966. | 12.6 | 198 |
| 391 | Direct Observations of Interstellar H, He, and O by the Interstellar Boundary Explorer. Science, 2009, 326, 969-971. | 12.6 | 135 |
| 392 | ENA Imaging of the Inner Heliosheathâ€”Preparing forÂthe Interstellar Boundary Explorer (IBEX). Space Science Reviews, 2009, 143, 125-138. | 8.1 | 3 |
| 393 | The IBEX Background Monitor. Space Science Reviews, 2009, 146, 105-115. | 8.1 | 12 |
| 394 | The Two Wide-angle Imaging Neutral-atom Spectrometers (TWINS) NASA Mission-of-Opportunity. Space Science Reviews, 2009, 142, 157-231. | 8.1 | 170 |
| 395 | The Dynamic Heliosphere: Outstanding Issues. Space Science Reviews, 2009, 143, 57-83. | 8.1 | 12 |
| 396 | The IBEX-Lo Sensor. Space Science Reviews, 2009, 146, 117-147. | 8.1 | 171 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 397 | Diagnosing the Neutral Interstellar Gas Flow at 1 AU with IBEX-Lo. Space Science Reviews, 2009, 146, 149-172. | 8.1 | 46 |
| 398 | IBEX—Interstellar Boundary Explorer. Space Science Reviews, 2009, 146, 11-33. | 8.1 | 305 |
| 399 | The Galactic Environment of the Sun: Interstellar Material Inside and Outside of the Heliosphere. Space Science Reviews, 2009, 146, 235-273. | 8.1 | 61 |
| 400 | The Interstellar Boundary Explorer High Energy (IBEX-Hi) Neutral Atom Imager. Space Science Reviews, 2009, 146, 75-103. | 8.1 | 226 |
| 401 | The Interstellar Boundary Explorer Science Operations Center. Space Science Reviews, 2009, 146, 207-234. | 8.1 | 26 |
| 402 | The IBEX Flight Segment. Space Science Reviews, 2009, 146, 35-73. | 8.1 | 11 |
| 403 | IBEX Backgrounds and Signal-to-Noise Ratio. Space Science Reviews, 2009, 146, 173-206. | 8.1 | 26 |
| 404 | IBEX Education and Public Outreach. Space Science Reviews, 2009, 146, 353-369. | 8.1 | 3 |
| 405 | Temperature dependence of the thin dead layer avalanche photodiode for low energy electron measurements. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 611, 93-98. | 1.6 | 6 |
| 406 | Beyond kappa distributions: Exploiting Tsallis statistical mechanics in space plasmas. Journal of Geophysical Research, 2009, 114, . | 3.3 | 323 |
| 407 | Lunar backscatter and neutralization of the solar wind: First observations of neutral atoms from the Moon. Geophysical Research Letters, 2009, 36, . | 4.0 | 108 |
| 408 | Derivation of fluid conservation relations to infer near—Sun properties of coronal mass ejections from in situ measurements. Journal of Geophysical Research, 2009, 114, . | 3.3 | 2 |
| 409 | Bulk properties of the slow and fast solar wind and interplanetary coronal mass ejections measured by Ulysses: Three polar orbits of observations. Journal of Geophysical Research, 2009, 114, . | 3.3 | 117 |
| 410 | The Galactic Environment of the Sun: Interstellar Material Inside and Outside of the Heliosphere. , 2009, , 235-273. | | 4 |
| 411 | The Interstellar Boundary Explorer High Energy (IBEX-Hi) Neutral Atom Imager. , 2009, , 75-103. | | 5 |
| 412 | The Dynamic Heliosphere: Outstanding Issues. Space Sciences Series of ISSI, 2009, , 57-83. | 0.0 | 1 |
| 413 | The IBEX Flight Segment. , 2009, , 35-73. | | 1 |
| 414 | Diagnosing the Neutral Interstellar Gas Flow at 1 AU with IBEX-Lo. , 2009, , 149-172. | | 1 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 415 | The IBEX-Lo Sensor. , 2009, , 117-147. | | 2 |
| 416 | IBEX Education and Public Outreach. , 2009, , 353-369. | | 1 |
| 417 | IBEX Backgrounds and Signal-to-Noise Ratio. , 2009, , 173-206. | | 2 |
| 418 | The Interstellar Boundary Explorer Science Operations Center. , 2009, , 207-234. | | 2 |
| 419 | IBEX—Interstellar Boundary Explorer. , 2009, , 11-33. | | 6 |
| 420 | Saturn kilometric radiation as a monitor for the solar wind?. Advances in Space Research, 2008, 42, 40-47. | 2.6 | 13 |
| 421 | The Solar Wind Around Pluto (SWAP) Instrument Aboard New Horizons. Space Science Reviews, 2008, 140, 261-313. | 8.1 | 102 |
| 422 | New Horizons: Anticipated Scientific Investigations at the Pluto System. Space Science Reviews, 2008, 140, 93-127. | 8.1 | 74 |
| 423 | Ion and neutral sources and sinks within Saturn's inner magnetosphere: Cassini results. Planetary and Space Science, 2008, 56, 3-18. | 1.7 | 119 |
| 424 | Weaker solar wind from the polar coronal holes and the whole Sun. Geophysical Research Letters, 2008, 35, . | 4.0 | 390 |
| 425 | Electron properties of high-speed solar wind from polar coronal holes obtained by Ulysses thermal noise spectroscopy: Not so dense, not so hot. Geophysical Research Letters, 2008, 35, . | 4.0 | 33 |
| 426 | Implications of solar wind suprathermal tails for IBEX ENA images of the heliosheath. Journal of Geophysical Research, 2008, 113, . | 3.3 | 67 |
| 427 | Reply to comment by S. W. H. Cowley et al. on "Jupiter: A fundamentally different magnetospheric interaction with the solar wind". Geophysical Research Letters, 2008, 35, . | 4.0 | 62 |
| 428 | Enceladus: A potential source of ammonia products and molecular nitrogen for Saturn's magnetosphere. Journal of Geophysical Research, 2008, 113, . | 3.3 | 33 |
| 429 | A mass analysis technique using coincidence measurements from the Interstellar Boundary Explorer-Hi (4.3-46 keV) detector. Review of Scientific Instruments, 2008, 79, 096107. | 1.3 | 9 |
| 430 | Diffusive Acceleration at the Blunt Termination Shock. Astrophysical Journal, 2008, 675, 1584-1600. | 4.5 | 45 |
| 431 | The Solar Wind Power from Magnetic Flux. Astrophysical Journal, 2008, 686, L33-L36. | 4.5 | 37 |
| 432 | Determining the LIC H density from the solar wind slowdown. Astronomy and Astrophysics, 2008, 491, 1-5. | 5.1 | 66 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 433 | The IBEX Background Monitor. , 2008, , 105-115. | | 1 |
| 434 | ENA Imaging of the Inner Heliosheathâ€”Preparing forÂthe Interstellar Boundary Explorer (IBEX). Space Sciences Series of ISSI, 2008, , 125-138. | 0.0 | 0 |
| 435 | The ion-optical prototype of the low energy neutral atom sensor of the Interstellar Boundary Explorer Mission (IBEX). Review of Scientific Instruments, 2007, 78, 124502. | 1.3 | 23 |
| 436 | Encounter of the<i>Ulysses</i>Spacecraft with the Ion Tail of Comet McNaught. Astrophysical Journal, 2007, 667, 1262-1266. | 4.5 | 51 |
| 437 | Energetic Particles in the Jovian Magnetotail. Science, 2007, 318, 220-222. | 12.6 | 50 |
| 438 | Diverse Plasma Populations and Structures in Jupiter's Magnetotail. Science, 2007, 318, 217-220. | 12.6 | 80 |
| 439 | Direct evidence for prolonged magnetic reconnection at a continuous x-line within the heliospheric current sheet. Geophysical Research Letters, 2007, 34, . | 4.0 | 70 |
| 440 | Solar windâ€“magnetosphere coupling efficiency for solar wind pressure impulses. Geophysical Research Letters, 2007, 34, . | 4.0 | 16 |
| 441 | Assessment of the magnetospheric contribution to the suprathermal ions in Saturn's foreshock region. Journal of Geophysical Research, 2007, 112, n/a-n/a. | 3.3 | 5 |
| 442 | Understanding coronal heating and solar wind acceleration: Case for in situ near-Sun measurements. Reviews of Geophysics, 2007, 45, . | 23.0 | 85 |
| 443 | Modulation of anomalous and galactic cosmic rays beyond the termination shock. Geophysical Research Letters, 2007, 34, . | 4.0 | 15 |
| 444 | Jupiter: A fundamentally different magnetospheric interaction with the solar wind. Geophysical Research Letters, 2007, 34, . | 4.0 | 86 |
| 445 | Five spacecraft observations of oppositely directed exhaust jets from a magnetic reconnection Xâ€“line extending > 4.26 Å— 10⁶ km in the solar wind at 1 AU. Geophysical Research Letters, 2007, 34, . | 4.0 | 53 |
| 446 | Multiple magnetic reconnection sites associated with a coronal mass ejection in the solar wind. Journal of Geophysical Research, 2007, 112, . | 3.3 | 69 |
| 447 | Enceladus: The likely dominant nitrogen source in Saturn's magnetosphere. Icarus, 2007, 188, 356-366. | 2.5 | 47 |
| 448 | Plasma Experiment for Planetary Exploration (PEPE). Space Science Reviews, 2007, 129, 327-357. | 8.1 | 23 |
| 449 | Preliminary interpretation of Titan plasma interaction as observed by the Cassini Plasma Spectrometer: Comparisons with Voyager 1. Geophysical Research Letters, 2006, 33, . | 4.0 | 82 |
| 450 | An explanation of the Voyager paradox: Particle acceleration at a blunt termination shock. Geophysical Research Letters, 2006, 33, . | 4.0 | 123 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 451 | Suprathermal electron 90° pitch angle depletions at reverse shocks in the solar wind. <i>Journal of Geophysical Research</i> , 2006, 111, . | 3.3 | 20 |
| 452 | Magnetic reconnection at the heliospheric current sheet and the formation of closed magnetic field lines in the solar wind. <i>Geophysical Research Letters</i> , 2006, 33, . | 4.0 | 53 |
| 453 | Correlation of speed and temperature in the solar wind. <i>Journal of Geophysical Research</i> , 2006, 111, . | 3.3 | 31 |
| 454 | Ulysses observations of very different heliospheric structure during the declining phase of solar activity cycle 23. <i>Geophysical Research Letters</i> , 2006, 33, . | 4.0 | 47 |
| 455 | The interstellar boundary explorer (IBEX): Update at the end of phase B. <i>AIP Conference Proceedings</i> , 2006, , . | 0.4 | 9 |
| 456 | Particle acceleration at a blunt termination shock. <i>AIP Conference Proceedings</i> , 2006, , . | 0.4 | 1 |
| 457 | Swift X-ray Telescope Observations of the Deep Impact Collision. <i>Astrophysical Journal</i> , 2006, 649, 541-552. | 4.5 | 17 |
| 458 | Source and consequences of a large shock near 79 AU. <i>Geophysical Research Letters</i> , 2006, 33, . | 4.0 | 29 |
| 459 | Relationship between Solar Wind and Coronal Heating: Scaling Laws from Solar X-rays. <i>Astrophysical Journal</i> , 2006, 642, 1173-1176. | 4.5 | 26 |
| 460 | Petschek-type Reconnection Exhausts in the Solar Wind Well beyond 1 AU: Ulysses. <i>Astrophysical Journal</i> , 2006, 644, 613-621. | 4.5 | 66 |
| 461 | A magnetic reconnection X-line extending more than 390 Earth radii in the solar wind. <i>Nature</i> , 2006, 439, 175-178. | 27.8 | 281 |
| 462 | Initial interpretation of Titan plasma interaction as observed by the Cassini plasma spectrometer: Comparisons with Voyager 1. <i>Planetary and Space Science</i> , 2006, 54, 1211-1224. | 1.7 | 82 |
| 463 | Cassini observations of Saturn's inner plasmasphere: Saturn orbit insertion results. <i>Planetary and Space Science</i> , 2006, 54, 1197-1210. | 1.7 | 95 |
| 464 | Energy loss of 10-50 keV H, He, C, N, O, Ne, and Ar ions transmitted through thin carbon foils. <i>Review of Scientific Instruments</i> , 2006, 77, 044501. | 1.3 | 40 |
| 465 | Magnetopause reconnection rate estimates for Jupiter's magnetosphere based on interplanetary measurements at ~5AU. <i>Annales Geophysicae</i> , 2006, 24, 393-406. | 1.6 | 43 |
| 466 | IMPACT: Science goals and firsts with STEREO. <i>Advances in Space Research</i> , 2005, 36, 1534-1543. | 2.6 | 23 |
| 467 | A high energy telescope for the Solar Orbiter. <i>Advances in Space Research</i> , 2005, 36, 1426-1431. | 2.6 | 14 |
| 468 | Absolute detection efficiency of space-based ion mass spectrometers and neutral atom imagers. <i>Review of Scientific Instruments</i> , 2005, 76, 053301. | 1.3 | 34 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 469 | Composition and Dynamics of Plasma in Saturn's Magnetosphere. <i>Science</i> , 2005, 307, 1262-1266. | 12.6 | 281 |
| 470 | The sub-Parker spiral structure of the heliospheric magnetic field. <i>Geophysical Research Letters</i> , 2005, 32, . | 4.0 | 41 |
| 471 | An unusually fast interplanetary coronal mass ejection observed by Ulysses at 5 AU on 15 November 2003. <i>Journal of Geophysical Research</i> , 2005, 110, . | 3.3 | 9 |
| 472 | An improved expected temperature formula for identifying interplanetary coronal mass ejections. <i>Journal of Geophysical Research</i> , 2005, 110, . | 3.3 | 58 |
| 473 | Direct evidence for magnetic reconnection in the solar wind near 1 AU. <i>Journal of Geophysical Research</i> , 2005, 110, . | 3.3 | 318 |
| 474 | Stability of the inner source pickup ions over the solar cycle. <i>Journal of Geophysical Research</i> , 2005, 110, . | 3.3 | 20 |
| 475 | Solar wind from the coronal hole boundaries. <i>Journal of Geophysical Research</i> , 2005, 110, . | 3.3 | 31 |
| 476 | Magnetic disconnection from the Sun: Observations of a reconnection exhaust in the solar wind at the heliospheric current sheet. <i>Geophysical Research Letters</i> , 2005, 32, . | 4.0 | 81 |
| 477 | The global plasma environment of Titan as observed by Cassini Plasma Spectrometer during the first two close encounters with Titan. <i>Geophysical Research Letters</i> , 2005, 32, . | 4.0 | 37 |
| 478 | Preliminary results on Saturn's inner plasmasphere as observed by Cassini: Comparison with Voyager. <i>Geophysical Research Letters</i> , 2005, 32, n/a-n/a. | 4.0 | 53 |
| 479 | Discovery of nitrogen in Saturn's inner magnetosphere. <i>Geophysical Research Letters</i> , 2005, 32, n/a-n/a. | 4.0 | 28 |
| 480 | Absence of energetic particle effects associated with magnetic reconnection exhausts in the solar wind. <i>Geophysical Research Letters</i> , 2005, 32, n/a-n/a. | 4.0 | 71 |
| 481 | Radial evolution of the electron distribution functions in the fast solar wind between 0.3 and 1.5 AU. <i>Journal of Geophysical Research</i> , 2005, 110, . | 3.3 | 308 |
| 482 | Open solar flux estimates from near-Earth measurements of the interplanetary magnetic field: comparison of the first two perihelion passes of the Ulysses spacecraft. <i>Annales Geophysicae</i> , 2004, 22, 1395-1405. | 1.6 | 53 |
| 483 | Influence of electron impact ionization on the termination shock: model case studies. <i>AIP Conference Proceedings</i> , 2004, , . | 0.4 | 0 |
| 484 | The Interstellar Boundary Explorer (IBEX). <i>AIP Conference Proceedings</i> , 2004, , . | 0.4 | 43 |
| 485 | Ultrathin (~ 10 nm) carbon foils in space instrumentation. <i>Review of Scientific Instruments</i> , 2004, 75, 4863-4870. | 1.3 | 70 |
| 486 | Heliospheric Pickup Ions and Favored Acceleration Locations at the Termination Shock (FALTS): Are Voyager observations really inconsistent?. <i>AIP Conference Proceedings</i> , 2004, , . | 0.4 | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 487 | Cassini Plasma Spectrometer Investigation. <i>Space Science Reviews</i> , 2004, 114, 1-112. | 8.1 | 452 |
| 488 | Solar wind interactions with Comet 19P/Borrelly. <i>Icarus</i> , 2004, 167, 80-88. | 2.5 | 41 |
| 489 | The interstellar hydrogen shadow: Observations of interstellar pickup ions beyond Jupiter. <i>Journal of Geophysical Research</i> , 2004, 109, . | 3.3 | 29 |
| 490 | Low-energy solar electron bursts and solar wind stream structure at 1 AU. <i>Journal of Geophysical Research</i> , 2004, 109, . | 3.3 | 9 |
| 491 | Dispersionless modulations in low-energy solar electron bursts and discontinuous changes in the solar wind electron strahl. <i>Journal of Geophysical Research</i> , 2004, 109, . | 3.3 | 31 |
| 492 | Extremely high speed solar wind: 29â€“30 October 2003. <i>Journal of Geophysical Research</i> , 2004, 109, . | 3.3 | 185 |
| 493 | Role of solar wind dynamic pressure in driving ionospheric Joule heating. <i>Journal of Geophysical Research</i> , 2004, 109, . | 3.3 | 37 |
| 494 | Suprathermal ions ahead of interplanetary shocks: New observations and critical instrumentation required for future space weather monitoring. <i>Space Weather</i> , 2004, 2, n/a-n/a. | 3.7 | 11 |
| 495 | Correlated Dispersionless Structure in Suprathermal Electrons and Solar Energetic Ions in the Solar Wind. <i>Astrophysical Journal</i> , 2004, 614, 412-419. | 4.5 | 32 |
| 496 | Cometary Ions Trapped in a Coronal Mass Ejection. <i>Astrophysical Journal</i> , 2004, 604, L121-L124. | 4.5 | 32 |
| 497 | Cassini Plasma Spectrometer Investigation. , 2004, , 1-112. | | 9 |
| 498 | The Genesis Solar Wind Concentrator. <i>Space Science Reviews</i> , 2003, 105, 561-599. | 8.1 | 17 |
| 499 | The Plasma Ion and Electron Instruments for the Genesis Mission. <i>Space Science Reviews</i> , 2003, 105, 627-660. | 8.1 | 25 |
| 500 | The Role and Contributions of Energetic Neutral Atom (ENA) Imaging in Magnetospheric Substorm Research. <i>Space Science Reviews</i> , 2003, 109, 155-182. | 8.1 | 20 |
| 501 | Strong interplanetary field enhancements at Ulyssesâ€™ evidence of dust trails' interaction with the solar wind?. <i>Icarus</i> , 2003, 166, 297-310. | 2.5 | 17 |
| 502 | Heliospheric Langmuir wave observations from the Ulysses spacecraft. <i>Advances in Space Research</i> , 2003, 32, 479-483. | 2.6 | 6 |
| 503 | The dynamic 3D heliosphere: Implications for and new sources of its energetic particles. <i>Advances in Space Research</i> , 2003, 32, 531-542. | 2.6 | 5 |
| 504 | Heliospheric â€œFALTSâ€œ Favored Acceleration Locations at the Termination Shock. <i>Geophysical Research Letters</i> , 2003, 30, . | 4.0 | 20 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 505 | Deep Space 1 encounter with Comet 19P/Borrelly: Ion composition measurements by the PEPE mass spectrometer. <i>Geophysical Research Letters</i> , 2003, 30, . | 4.0 | 23 |
| 506 | Predicting interplanetary magnetic field (IMF) propagation delay times using the minimum variance technique. <i>Journal of Geophysical Research</i> , 2003, 108, . | 3.3 | 229 |
| 507 | Cassini plasma spectrometer measurements of Jovian bow shock structure. <i>Journal of Geophysical Research</i> , 2003, 108, . | 3.3 | 19 |
| 508 | Tail-dominated storm main phase: 31 March 2001. <i>Journal of Geophysical Research</i> , 2003, 108, . | 3.3 | 29 |
| 509 | Solar electron bursts at very low energies: Evidence for acceleration in the high corona?. <i>Geophysical Research Letters</i> , 2003, 30, . | 4.0 | 55 |
| 510 | The three-dimensional solar wind around solar maximum. <i>Geophysical Research Letters</i> , 2003, 30, n/a-n/a. | 4.0 | 239 |
| 511 | VLF wave activity in the solar wind and the photoelectron effect in electric field measurements: Ulysses observations. <i>Geophysical Research Letters</i> , 2003, 30, . | 4.0 | 7 |
| 512 | Hydrogen atom lifetimes in the three-dimensional heliosphere over the solar cycle. <i>Journal of Geophysical Research</i> , 2003, 108, . | 3.3 | 12 |
| 513 | The Sun and Heliosphere at Solar Maximum. <i>Science</i> , 2003, 302, 1165-1169. | 12.6 | 60 |
| 514 | The Three-Dimensional Structure of the Solar Wind Over the Solar Cycle. <i>AIP Conference Proceedings</i> , 2003, , . | 0.4 | 8 |
| 515 | Solar wind velocity structure around the solar maximum observed by interplanetary scintillation. <i>AIP Conference Proceedings</i> , 2003, , . | 0.4 | 2 |
| 516 | Space applications of microelectromechanical systems: Southwest Research Institute's vacuum microprobe facility and initial vacuum test results. <i>Review of Scientific Instruments</i> , 2003, 74, 3874-3878. | 1.3 | 6 |
| 517 | Comparison of VLF Wave Activity in the Solar Wind During Solar Maximum and Minimum: Ulysses Observations. <i>AIP Conference Proceedings</i> , 2003, , . | 0.4 | 0 |
| 518 | Interstellar Pathfinder – A Mission to the Inner Edge of the Interstellar Medium. <i>AIP Conference Proceedings</i> , 2003, , . | 0.4 | 4 |
| 519 | A Technique For Comparing Solar Wind Structures Observed By ACE And Ulysses. <i>AIP Conference Proceedings</i> , 2003, , . | 0.4 | 0 |
| 520 | Solar Wind Scaling Law. <i>Astrophysical Journal</i> , 2003, 599, 1395-1403. | 4.5 | 84 |
| 521 | IMAGE, POLAR, and geosynchronous observations of substorm and ring current ion injection. <i>Geophysical Monograph Series</i> , 2003, , 91-101. | 0.1 | 52 |
| 522 | How did the solar wind structure change around the solar maximum? From interplanetary scintillation observation. <i>Annales Geophysicae</i> , 2003, 21, 1257-1261. | 1.6 | 20 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 523 | The Role and Contributions of Energetic Neutral Atom (ENA) Imaging in Magnetospheric Substorm Research. , 2003, , 155-182. | | 2 |
| 524 | Latitudinal extent of large-scale structures in the solar wind. Annales Geophysicae, 2003, 21, 1331-1339. | 1.6 | 6 |
| 525 | Variable time delays in the propagation of the interplanetary magnetic field. Journal of Geophysical Research, 2002, 107, SMP 29-1-SMP 29-15. | 3.3 | 101 |
| 526 | The outer source of pickup ions and anomalous cosmic rays. Geophysical Research Letters, 2002, 29, 54-1-54-4. | 4.0 | 15 |
| 527 | Filling and emptying of the plasma sheet: Remote observations with 1-70 keV energetic neutral atoms. Geophysical Research Letters, 2002, 29, 36-1-36-4. | 4.0 | 32 |
| 528 | Solar wind from high-latitude coronal holes at solar maximum. Geophysical Research Letters, 2002, 29, 28-1-28-4. | 4.0 | 51 |
| 529 | Symmetric suprathermal electron depletions on closed field lines in the solar wind. Geophysical Research Letters, 2002, 29, 14-1. | 4.0 | 26 |
| 530 | Ulysses' second fast-latitude scan: Complexity near solar maximum and the reformation of polar coronal holes. Geophysical Research Letters, 2002, 29, 4-1-4-4. | 4.0 | 90 |
| 531 | A high-latitude interplanetary magnetic field enhancement at Ulysses. Journal of Geophysical Research, 2002, 107, SSH 2-1. | 3.3 | 6 |
| 532 | Wind and ACE observations during the great flow of 4 May 1998: Relation to solar activity and implications for the magnetosphere. Journal of Geophysical Research, 2002, 107, SSH 3-1. | 3.3 | 26 |
| 533 | Observations of two complete substorm cycles during the Cassini Earth swing-by: Cassini magnetometer data in a global context. Journal of Geophysical Research, 2001, 106, 30141-30175. | 3.3 | 17 |
| 534 | Two-satellite observations of substorm injections at geosynchronous orbit. Journal of Geophysical Research, 2001, 106, 8405-8416. | 3.3 | 62 |
| 535 | On the origin of microscale magnetic holes in the solar wind. Journal of Geophysical Research, 2001, 106, 16001-16010. | 3.3 | 45 |
| 536 | Helium energetics in the high-latitude solar wind: Ulysses observations. Journal of Geophysical Research, 2001, 106, 5693-5708. | 3.3 | 64 |
| 537 | Energetic neutral atom imaging of the heliospheric boundary region. Journal of Geophysical Research, 2001, 106, 15767-15781. | 3.3 | 122 |
| 538 | Solar wind plasma parameters on Ulysses: Detailed comparison between the URAP and SWOOPS experiments. Journal of Geophysical Research, 2001, 106, 15665-15675. | 3.3 | 18 |
| 539 | Polar observations and model predictions during May 4, 1998, magnetopause, magnetosheath, and bow shock crossings. Journal of Geophysical Research, 2001, 106, 18927-18942. | 3.3 | 5 |
| 540 | Ulysses in the south polar cap at solar maximum: Heliospheric magnetic field. Geophysical Research Letters, 2001, 28, 4159-4162. | 4.0 | 86 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 541 | First medium energy neutral atom (MENA) Images of Earth's magnetosphere during substorm and storm-time. <i>Geophysical Research Letters</i> , 2001, 28, 1147-1150. | 4.0 | 61 |
| 542 | Energetic Neutral Atom Imaging of the Outer Heliosphere-LISM Interaction Region. <i>COSPAR Colloquia Series</i> , 2001, 11, 237-244. | 0.2 | 3 |
| 543 | Plasmaspheric observations at geosynchronous orbit. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2001, 63, 1185-1197. | 1.6 | 9 |
| 544 | RING CURRENT DYNAMICS DURING THE 13 th -18 JULY 2000 STORM PERIOD. <i>Solar Physics</i> , 2001, 204, 361-375. | 2.5 | 29 |
| 545 | Ulysses' Second Orbit: Remarkably Different Solar Wind. <i>Space Science Reviews</i> , 2001, 97, 99-103. | 8.1 | 66 |
| 546 | Source Region of High and Low Speed Wind during the Spartan 201-05 Flight. <i>Space Science Reviews</i> , 2001, 97, 45-50. | 8.1 | 4 |
| 547 | Langmuir Wave Activity: Comparing the Ulysses Solar Minimum and Solar Maximum Orbits. <i>Space Science Reviews</i> , 2001, 97, 141-146. | 8.1 | 4 |
| 548 | Remote Sensing of H from Ulysses and Galileo. <i>Space Science Reviews</i> , 2001, 97, 393-399. | 8.1 | 7 |
| 549 | Title is missing!. <i>Space Science Reviews</i> , 2001, 97, 189-192. | 8.1 | 22 |
| 550 | An auroral flare at Jupiter. <i>Nature</i> , 2001, 410, 787-789. | 27.8 | 130 |
| 551 | Comparison between simulations and calibrations of a high resolution electrostatic analyzer. <i>Review of Scientific Instruments</i> , 2001, 72, 3662-3669. | 1.3 | 13 |
| 552 | Ulysses TM Second Orbit: Remarkably Different Solar Wind. , 2001, , 99-103. | | 1 |
| 553 | Stream Interaction Regions at High Heliographic Latitudes during Ulysses TM Second Polar Orbit. , 2001, , 189-192. | | 7 |
| 554 | Solar wind electron characteristics inside and outside coronal mass ejections. <i>Journal of Geophysical Research</i> , 2000, 105, 23069-23084. | 3.3 | 48 |
| 555 | Radial variation of solar wind electrons inside a magnetic cloud observed at 1 and 5 AU. <i>Journal of Geophysical Research</i> , 2000, 105, 27269-27275. | 3.3 | 40 |
| 556 | Suprathermal ions and MHD turbulence observed upstream of an interplanetary shock by Advanced Composition Explorer. <i>Journal of Geophysical Research</i> , 2000, 105, 7521-7531. | 3.3 | 12 |
| 557 | Properties and radial trends of coronal mass ejecta and their associated shocks observed by Ulysses in the ecliptic plane. <i>Journal of Geophysical Research</i> , 2000, 105, 12617-12626. | 3.3 | 7 |
| 558 | Plasmaspheric material at the reconnecting magnetopause. <i>Journal of Geophysical Research</i> , 2000, 105, 7591-7600. | 3.3 | 49 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 559 | Solar wind observations over Ulysses' first full polar orbit. Journal of Geophysical Research, 2000, 105, 10419-10433. | 3.3 | 421 |
| 560 | Ulysses observations of the irregularly structured mid-latitude solar wind during the approach to solar maximum. Geophysical Research Letters, 2000, 27, 2437-2440. | 4.0 | 57 |
| 561 | Magnetosheath electrons in anomalously low density solar wind observed by Geotail. Geophysical Research Letters, 2000, 27, 3253-3256. | 4.0 | 9 |
| 562 | GEOTAIL observations of anomalously low density plasma in the magnetosheath. Geophysical Research Letters, 2000, 27, 3781-3784. | 4.0 | 10 |
| 563 | Medium Energy Neutral Atom (MENA) Imager for the Image Mission. , 2000, , 113-154. | | 16 |
| 564 | Plasma signatures of radial field power dropouts. , 1999, , . | | 0 |
| 565 | A prolonged He ⁺ enhancement within a coronal mass ejection in the solar wind. Geophysical Research Letters, 1999, 26, 161-164. | 4.0 | 78 |
| 566 | Angular distributions of suprathermal electrons observed at geosynchronous orbit. Journal of Geophysical Research, 1999, 104, 4457-4466. | 3.3 | 2 |
| 567 | Relationship between Ulysses plasma observations and solar observations during the Whole Sun Month campaign. Journal of Geophysical Research, 1999, 104, 9871-9879. | 3.3 | 31 |
| 568 | A two-fluid, MHD coronal model. Journal of Geophysical Research, 1999, 104, 4697-4708. | 3.3 | 45 |
| 569 | Measurements of early and late time plasmasphere refilling as observed from geosynchronous orbit. Journal of Geophysical Research, 1999, 104, 14691-14704. | 3.3 | 61 |
| 570 | Quasi-thermal noise in a drifting plasma: Theory and application to solar wind diagnostic on Ulysses. Journal of Geophysical Research, 1999, 104, 6691-6704. | 3.3 | 53 |
| 571 | Coronal magnetic field topology and source of fast solar wind. Geophysical Research Letters, 1999, 26, 2901-2904. | 4.0 | 6 |
| 572 | Evidence of a solar origin for pressure balance structures in the high-latitude solar wind. Geophysical Research Letters, 1999, 26, 1805-1808. | 4.0 | 43 |
| 573 | Observations of suprathermal electron conies in an interplanetary coronal mass ejection. Geophysical Research Letters, 1999, 26, 2613-2616. | 4.0 | 8 |
| 574 | Ulysses measurements of variations in the solar wind-interstellar hydrogen charge exchange rate. Geophysical Research Letters, 1999, 26, 2701-2704. | 4.0 | 25 |
| 575 | Survey of pancake-shaped warm ion distributions at geosynchronous orbit. Journal of Geophysical Research, 1999, 104, 28625-28632. | 3.3 | 3 |
| 576 | Inner edge of the electron plasma sheet: Empirical models of boundary location. Journal of Geophysical Research, 1999, 104, 22679-22693. | 3.3 | 30 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 577 | Plasma sheet access to geosynchronous orbit. <i>Journal of Geophysical Research</i> , 1999, 104, 25047-25061. | 3.3 | 176 |
| 578 | The Solar Wind - Inner Heliosphere. <i>Space Science Reviews</i> , 1998, 83, 75-86. | 8.1 | 17 |
| 579 | Wave power dropouts associated with radial field intervals in high speed solar wind. <i>Geophysical Research Letters</i> , 1998, 25, 4297-4300. | 4.0 | 1 |
| 580 | An unusual coronal mass ejection: First solar wind electron, proton, alpha monitor (SWEPAM) Results from the Advanced Composition Explorer. <i>Geophysical Research Letters</i> , 1998, 25, 4289-4292. | 4.0 | 22 |
| 581 | Ulysses' return to the slow solar wind. <i>Geophysical Research Letters</i> , 1998, 25, 1-4. | 4.0 | 250 |
| 582 | Overexpanding coronal mass ejections at high heliographic latitudes: Observations and simulations. <i>Journal of Geophysical Research</i> , 1998, 103, 1941-1954. | 3.3 | 86 |
| 583 | Ulysses' rapid crossing of the polar coronal hole boundary. <i>Journal of Geophysical Research</i> , 1998, 103, 1955-1967. | 3.3 | 58 |
| 584 | Latitudinal distribution of >106 MeV protons and its relation to the ambient solar wind in the inner southern and northern heliosphere: Ulysses Cosmic and Solar Particle Investigation Kiel Electron Telescope Results. <i>Journal of Geophysical Research</i> , 1998, 103, 4809-4816. | 3.3 | 19 |
| 585 | October 1995 magnetic cloud and accompanying storm activity: Ring current evolution. <i>Journal of Geophysical Research</i> , 1998, 103, 79-92. | 3.3 | 112 |
| 586 | Substorm electron injections: Geosynchronous observations and test particle simulations. <i>Journal of Geophysical Research</i> , 1998, 103, 9235-9248. | 3.3 | 172 |
| 587 | Magnetospheric dynamics and mass flow during the November 1993 storm. <i>Journal of Geophysical Research</i> , 1998, 103, 26373-26394. | 3.3 | 57 |
| 588 | The transport of plasma sheet material from the distant tail to geosynchronous orbit. <i>Journal of Geophysical Research</i> , 1998, 103, 20297-20331. | 3.3 | 123 |
| 589 | A reexamination of the local time asymmetry of lobe encounters at geosynchronous orbit: CRRES, ATS 5, and LANL observations. <i>Journal of Geophysical Research</i> , 1998, 103, 9207-9216. | 3.3 | 5 |
| 590 | The magnetospheric response to the CME passage of January 10-11, 1997, as seen at geosynchronous orbit. <i>Geophysical Research Letters</i> , 1998, 25, 2545-2548. | 4.0 | 37 |
| 591 | Variability of the ring current source population. <i>Geophysical Research Letters</i> , 1998, 25, 3481-3484. | 4.0 | 67 |
| 592 | Quiet time densities of hot ions at geosynchronous orbit. <i>Journal of Geophysical Research</i> , 1998, 103, 17571-17585. | 3.3 | 13 |
| 593 | Very low frequency waves in the heliosphere: Ulysses observations. <i>Journal of Geophysical Research</i> , 1998, 103, 12023-12035. | 3.3 | 32 |
| 594 | Ion energy equation for the high-speed solar wind: Ulysses observations. <i>Journal of Geophysical Research</i> , 1998, 103, 14547-14557. | 3.3 | 18 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 595 | Effects of a high-density plasma sheet on ring current development during the November 2-6, 1993, magnetic storm. <i>Journal of Geophysical Research</i> , 1998, 103, 26285-26305. | 3.3 | 121 |
| 596 | Ulysses observations of a "density hole" in the high-speed solar wind. <i>Journal of Geophysical Research</i> , 1998, 103, 1933-1940. | 3.3 | 15 |
| 597 | Solar Wind Electron Proton Alpha Monitor (SWEPAM) for the Advanced Composition Explorer. , 1998, , 563-612. | | 147 |
| 598 | Neutral atom imaging: UV rejection techniques. <i>Geophysical Monograph Series</i> , 1998, , 251-256. | 0.1 | 4 |
| 599 | Advances in Low Energy Neutral Atom Imaging. <i>Geophysical Monograph Series</i> , 1998, , 275-280. | 0.1 | 10 |
| 600 | The Solar Wind " Inner Heliosphere. <i>Space Sciences Series of ISSI</i> , 1998, , 75-86. | 0.0 | 1 |
| 601 | E" energy-mass spectrograph for measurement of ions and neutral atoms. <i>Review of Scientific Instruments</i> , 1997, 68, 292-295. | 1.3 | 4 |
| 602 | Coordinated ground-based and geosynchronous satellite-based measurements of auroral pulsations. , 1997, , . | | 2 |
| 603 | Plasma Experiment for Planetary Exploration (PEPE). , 1997, , . | | 0 |
| 604 | Premidnight plasmaspheric "plumes". <i>Journal of Geophysical Research</i> , 1997, 102, 11325-11334. | 3.3 | 24 |
| 605 | The northern edge of the band of solar wind variability: Ulysses at "4.5 AU. <i>Geophysical Research Letters</i> , 1997, 24, 309-312. | 4.0 | 47 |
| 606 | High-Altitude Observations of the Polar Wind. <i>Science</i> , 1997, 277, 349-351. | 12.6 | 90 |
| 607 | The superdense plasma sheet: Plasmaspheric origin, solar wind origin, or ionospheric origin?. <i>Journal of Geophysical Research</i> , 1997, 102, 22089-22097. | 3.3 | 80 |
| 608 | Characteristic plasma properties during dispersionless substorm injections at geosynchronous orbit. <i>Journal of Geophysical Research</i> , 1997, 102, 2309-2324. | 3.3 | 188 |
| 609 | An examination of the Tsyganenko (T89a) field model using a database of two-satellite magnetic conjunctions. <i>Journal of Geophysical Research</i> , 1997, 102, 4911-4918. | 3.3 | 26 |
| 610 | Substorm ion injections: Geosynchronous observations and test particle orbits in three-dimensional dynamic MHD fields. <i>Journal of Geophysical Research</i> , 1997, 102, 2325-2341. | 3.3 | 145 |
| 611 | Warm protons at geosynchronous orbit. <i>Journal of Geophysical Research</i> , 1997, 102, 2291-2300. | 3.3 | 6 |
| 612 | Wavelet analysis of the structure of microstreams in the polar solar wind. <i>AIP Conference Proceedings</i> , 1997, , . | 0.4 | 10 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 613 | MAGNETIC FLUX TUBES AT 3 AU?. Solar Physics, 1997, 174, 329-340. | 2.5 | 6 |
| 614 | Observational determination of magnetic connectivity of the geosynchronous region of the magnetosphere to the auroral oval. Journal of Geophysical Research, 1996, 101, 2629-2640. | 3.3 | 19 |
| 615 | The underlying Parker spiral structure in the Ulysses magnetic field observations, 1990-1994. Journal of Geophysical Research, 1996, 101, 395-403. | 3.3 | 60 |
| 616 | Evolution of plasmaspheric ions at geosynchronous orbit during times of high geomagnetic activity. Geophysical Research Letters, 1996, 23, 2189-2192. | 4.0 | 92 |
| 617 | Reply [to "Comment on "The underlying magnetic field direction in Ulysses observations of the southern polar heliosphere"™ by Forsyth et al.]. Geophysical Research Letters, 1996, 23, 3281-3282. | 4.0 | 1 |
| 618 | An observational test of the Tsyganenko (T89a) model of the magnetospheric field. Journal of Geophysical Research, 1996, 101, 24827-24836. | 3.3 | 60 |
| 619 | The underlying magnetic field direction in Ulysses observations of the southern polar heliosphere. AIP Conference Proceedings, 1996, , . | 0.4 | 0 |
| 620 | Dynamics and variability of the plasmasphere observed from synchronous orbit. AIP Conference Proceedings, 1996, , . | 0.4 | 1 |
| 621 | Magnetospheric Plasma Analyzer (MPA): Plasma observations from geosynchronous orbit. AIP Conference Proceedings, 1996, , . | 0.4 | 2 |
| 622 | A transient solar wind disturbance observed at both low and high heliographic latitudes. AIP Conference Proceedings, 1996, , . | 0.4 | 0 |
| 623 | Velocity variations in the high-latitude solar wind. AIP Conference Proceedings, 1996, , . | 0.4 | 0 |
| 624 | Ulysses solar wind plasma observations from peak southerly latitude through perihelion and beyond. AIP Conference Proceedings, 1996, , . | 0.4 | 10 |
| 625 | Structures in the polar solar wind: Plasma and field observations from Ulysses. AIP Conference Proceedings, 1996, , . | 0.4 | 1 |
| 626 | He abundance variations in the solar wind: Observations from Ulysses. AIP Conference Proceedings, 1996, , . | 0.4 | 4 |
| 627 | Hot proton anisotropies and cool proton heating in the outer magnetosphere. AIP Conference Proceedings, 1996, , . | 0.4 | 0 |
| 628 | <title>Cassini plasma spectrometer investigation</title>. , 1996, , . | | 7 |
| 629 | The appearance of plasmaspheric plasma in the outer magnetosphere in association with the substorm growth phase. Geophysical Research Letters, 1996, 23, 801-804. | 4.0 | 13 |
| 630 | The Suess-Urey mission (return of solar matter to Earth). Acta Astronautica, 1996, 39, 229-238. | 3.2 | 6 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 631 | Tongues, bottles, and disconnected loops: The opening and closing of the interplanetary magnetic field. <i>Reviews of Geophysics</i> , 1995, 33, 603. | 23.0 | 27 |
| 632 | The Thermal Ion Dynamics Experiment and Plasma Source Instrument. <i>Space Science Reviews</i> , 1995, 71, 409-458. | 8.1 | 96 |
| 633 | Ulysses solar wind observations to 56½° south. <i>Space Science Reviews</i> , 1995, 72, 93-98. | 8.1 | 36 |
| 634 | Solar wind corotating stream interaction regions out of the ecliptic plane: Ulysses. <i>Space Science Reviews</i> , 1995, 72, 99-104. | 8.1 | 55 |
| 635 | Ulysses observations of solar wind plasma parameters in the ecliptic from 1.4 to 5.4 AU and out of the ecliptic. <i>Space Science Reviews</i> , 1995, 72, 113-116. | 8.1 | 13 |
| 636 | Reconnection on open field lines ahead of coronal mass ejections. <i>Space Science Reviews</i> , 1995, 72, 129-132. | 8.1 | 9 |
| 637 | Coronal mass ejections at high heliographic latitudes: Ulysses. <i>Space Science Reviews</i> , 1995, 72, 133-136. | 8.1 | 32 |
| 638 | Three-dimensional neutral atom imaging of tokamak plasmas. <i>Review of Scientific Instruments</i> , 1995, 66, 336-338. | 1.3 | 5 |
| 639 | Low-energy neutral-atom imaging techniques for remote observations of the magnetosphere. <i>Journal of Spacecraft and Rockets</i> , 1995, 32, 899-904. | 1.9 | 7 |
| 640 | Extreme-ultraviolet polarization and filtering with gold transmission gratings. <i>Applied Optics</i> , 1995, 34, 648. | 2.1 | 41 |
| 641 | Flux dropouts of plasma and energetic particles at geosynchronous orbit during large geomagnetic storms: Entry into the lobes. <i>Journal of Geophysical Research</i> , 1995, 100, 8031. | 3.3 | 19 |
| 642 | The fine-scale structure of the outer plasmasphere. <i>Journal of Geophysical Research</i> , 1995, 100, 8021. | 3.3 | 71 |
| 643 | A CME-driven solar wind disturbance observed at both low and high heliographic latitudes. <i>Geophysical Research Letters</i> , 1995, 22, 1753-1756. | 4.0 | 69 |
| 644 | The band of solar wind variability at low heliographic latitudes near solar activity minimum: Plasma results from the Ulysses rapid latitude scan. <i>Geophysical Research Letters</i> , 1995, 22, 3329-3332. | 4.0 | 71 |
| 645 | Sources of shocks and compressions in the high-latitude solar wind: Ulysses. <i>Geophysical Research Letters</i> , 1995, 22, 3305-3308. | 4.0 | 22 |
| 646 | The underlying magnetic field direction in Ulysses observations of the southern polar heliosphere. <i>Geophysical Research Letters</i> , 1995, 22, 3321-3324. | 4.0 | 44 |
| 647 | Ulysses solar wind plasma observations from pole to pole. <i>Geophysical Research Letters</i> , 1995, 22, 3301-3304. | 4.0 | 291 |
| 648 | Ulysses observations of opposed tilts of solar wind corotating interaction regions in the northern and southern solar hemispheres. <i>Geophysical Research Letters</i> , 1995, 22, 3333-3336. | 4.0 | 24 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 649 | Solar wind eddies and the heliospheric current sheet. Journal of Geophysical Research, 1995, 100, 12261. | 3.3 | 16 |
| 650 | Ulysses observation of a noncoronal mass ejection flux rope: Evidence of interplanetary magnetic reconnection. Journal of Geophysical Research, 1995, 100, 19903. | 3.3 | 90 |
| 651 | Structures in the polar solar wind: Plasma and field observations from Ulysses. Journal of Geophysical Research, 1995, 100, 19893. | 3.3 | 61 |
| 652 | The relationship between pulsating auroras observed from the ground and energetic electrons and plasma density measured at geosynchronous orbit. Journal of Geophysical Research, 1995, 100, 23935. | 3.3 | 31 |
| 653 | Ulysses observations of microstreams in the solar wind from coronal holes. Journal of Geophysical Research, 1995, 100, 23389. | 3.3 | 99 |
| 654 | Ulysses Solar Wind Plasma Observations at High Southerly Latitudes. Science, 1995, 268, 1030-1033. | 12.6 | 185 |
| 655 | Ulysses Solar Wind Observations to 56° South. , 1995, , 93-98. | | 2 |
| 656 | Ulysses Observations of Solar Wind Plasma Parameters in the Ecliptic from 1.4 to 5.4 AU and Out of the Ecliptic. , 1995, , 113-116. | | 0 |
| 657 | Reconnection on Open Field Lines Ahead of Coronal Mass Ejections. , 1995, , 129-132. | | 0 |
| 658 | Evolution of the interplanetary magnetic field. Geophysical Monograph Series, 1994, , 53-64. | 0.1 | 4 |
| 659 | Imaging of magnetospheric dynamics using low energy neutral atom detection. Geophysical Monograph Series, 1994, , 275-282. | 0.1 | 5 |
| 660 | Fundamentals of low-energy neutral atom imaging. Optical Engineering, 1994, 33, 335. | 1.0 | 18 |
| 661 | The heliospheric plasma sheet. Journal of Geophysical Research, 1994, 99, 6667. | 3.3 | 222 |
| 662 | An examination of the structure and dynamics of the outer plasmasphere using multiple geosynchronous satellites. Journal of Geophysical Research, 1994, 99, 11475. | 3.3 | 78 |
| 663 | A forward-reverse shock pair in the solar wind driven by over-expansion of a coronal mass ejection: Ulysses observations. Geophysical Research Letters, 1994, 21, 237-240. | 4.0 | 93 |
| 664 | Ulysses at 50° south: constant immersion in the high-speed solar wind. Geophysical Research Letters, 1994, 21, 1105-1108. | 4.0 | 126 |
| 665 | The speeds of coronal mass ejections in the solar wind at mid heliographic latitudes: Ulysses. Geophysical Research Letters, 1994, 21, 1109-1112. | 4.0 | 40 |
| 666 | Magnetic reconnection ahead of a coronal mass ejection. Geophysical Research Letters, 1994, 21, 1751-1754. | 4.0 | 43 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 667 | A new class of forward-reverse shock pairs in the solar wind. <i>Geophysical Research Letters</i> , 1994, 21, 2271-2274. | 4.0 | 119 |
| 668 | The magnetospheric lobe at geosynchronous orbit. <i>Journal of Geophysical Research</i> , 1994, 99, 17283. | 3.3 | 23 |
| 669 | Plasma observations of magnetopause crossings at geosynchronous orbit. <i>Journal of Geophysical Research</i> , 1994, 99, 21249. | 3.3 | 32 |
| 670 | Hot proton anisotropies and cool proton temperatures in the outer magnetosphere. <i>Journal of Geophysical Research</i> , 1994, 99, 23603. | 3.3 | 75 |
| 671 | Magnetospheric plasma analyzer for spacecraft with constrained resources. <i>Review of Scientific Instruments</i> , 1993, 64, 1026-1033. | 1.3 | 225 |
| 672 | Reply [to "Geomagnetic activity associated with Earth passage of interplanetary shock disturbances and coronal mass ejections" by J. T. Gosling, D. J. McComas, J. L. Phillips, and S. J. Bame]. <i>Journal of Geophysical Research</i> , 1993, 98, 1509-1510. | 3.3 | 0 |
| 673 | Evidence for ion jets in the high-speed solar wind. <i>Journal of Geophysical Research</i> , 1993, 98, 5593-5605. | 3.3 | 54 |
| 674 | Gurnis, McComas receive Macelwane Medals. <i>Eos</i> , 1993, 74, 403. | 0.1 | 1 |
| 675 | Prediction of the heliospheric current sheet tilt: 1992 - 1996. <i>Geophysical Research Letters</i> , 1993, 20, 161-164. | 4.0 | 34 |
| 676 | Counterstreaming suprathermal electron events upstream of corotating shocks in the solar wind beyond $\sim 1/2$ Au: Ulysses. <i>Geophysical Research Letters</i> , 1993, 20, 2335-2338. | 4.0 | 81 |
| 677 | Ulysses observations of a recurrent high speed solar wind stream and the heliomagnetic streamer belt. <i>Geophysical Research Letters</i> , 1993, 20, 2323-2326. | 4.0 | 188 |
| 678 | Latitudinal variation of solar wind corotating stream interaction regions: Ulysses. <i>Geophysical Research Letters</i> , 1993, 20, 2789-2792. | 4.0 | 148 |
| 679 | Magnetospheric plasma analyzer: Initial three-spacecraft observations from geosynchronous orbit. <i>Journal of Geophysical Research</i> , 1993, 98, 13453-13465. | 3.3 | 159 |
| 680 | <title>Advances in low-energy neutral-atom imaging techniques</title>. , 1993, 2008, 74. | | 1 |
| 681 | <title>Low-energy neutral-atom imaging techniques</title>. , 1993, 2008, 93. | | 3 |
| 682 | <title>Terrestrial magnetospheric imaging: numerical modeling of low-energy neutral atoms</title>. , 1993, 2008, 190. | | 0 |
| 683 | Pinhole detection in thin foils used in space plasma diagnostic instrumentation. <i>Review of Scientific Instruments</i> , 1992, 63, 4741-4743. | 1.3 | 11 |
| 684 | CRRES Low-Energy Magnetospheric Ion Composition Sensor. <i>Journal of Spacecraft and Rockets</i> , 1992, 29, 596-598. | 1.9 | 20 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 685 | <title>Forecasting the arrival of fast coronal-mass ejecta at Earth by the detection of 2-20keV neutral atoms</title>. , 1992, 1744, 72. | | 7 |
| 686 | <title>Low-energy neutral atoms in the Earth's magnetosphere: modeling</title>. , 1992, 1744, 51. | | 5 |
| 687 | <title>Low-energy neutral-atom imaging</title>. , 1992, 1744, 40. | | 9 |
| 688 | <title>Application of thin foils in low-energy neutral-atom detection</title>. , 1992, , . | | 5 |
| 689 | Jupiter's Magnetosphere: Plasma Description from the Ulysses Flyby. Science, 1992, 257, 1539-1543. | 12.6 | 82 |
| 690 | Interplanetary magnetic flux: Measurement and balance. Journal of Geophysical Research, 1992, 97, 171-177. | 3.3 | 52 |
| 691 | Ulysses plasma observations of coronal mass ejections near 2.5 AU. Geophysical Research Letters, 1992, 19, 1239-1242. | 4.0 | 33 |
| 692 | Solar wind Halo electrons from 1â€“4 AU. Geophysical Research Letters, 1992, 19, 1291-1294. | 4.0 | 59 |
| 693 | Counterstreaming solar wind halo electron events: Solar cycle variations. Journal of Geophysical Research, 1992, 97, 6531-6535. | 3.3 | 63 |
| 694 | Simulations of coronal disconnection events. Journal of Geophysical Research, 1992, 97, 13733-13740. | 3.3 | 10 |
| 695 | Observations of disconnection of open magnetic structures. Geophysical Research Letters, 1991, 18, 73-76. | 4.0 | 58 |
| 696 | Gasdynamic modeling of the Venus magnetotail. Journal of Geophysical Research, 1991, 96, 5667-5681. | 3.3 | 26 |
| 697 | Lunar surface composition and solar windâ€“induced secondary ion mass spectrometry. Geophysical Research Letters, 1991, 18, 2165-2168. | 4.0 | 74 |
| 698 | Global hybrid simulation of the solar wind interaction with the dayside of Venus. Journal of Geophysical Research, 1991, 96, 7779-7791. | 3.3 | 63 |
| 699 | Geomagnetic activity associated with earth passage of interplanetary shock disturbances and coronal mass ejections. Journal of Geophysical Research, 1991, 96, 7831-7839. | 3.3 | 562 |
| 700 | A timeâ€“dependent, threeâ€“dimensional MHD numerical study of interplanetary magnetic draping around plasmoids in the solar wind. Journal of Geophysical Research, 1991, 96, 9531-9540. | 3.3 | 67 |
| 701 | Magnetospheric imaging with low-energy neutral atoms.. Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 9598-9602. | 7.1 | 83 |
| 702 | The Magnetosheath and Magnetotail of Venus. , 1991, , 1-80. | | 2 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 703 | New approach to Δ , high sensitivity, high mass resolution space plasma composition measurements. <i>Review of Scientific Instruments</i> , 1990, 61, 3095-3097. | 1.3 | 39 |
| 704 | Linear electric field mass analysis: a technique for three-dimensional high mass resolution space plasma composition measurements.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1990, 87, 5925-5929. | 7.1 | 24 |
| 705 | Coronal mass ejections and large geomagnetic storms. <i>Geophysical Research Letters</i> , 1990, 17, 901-904. | 4.0 | 229 |
| 706 | A statistical study of ions and magnetic fields in the Venus magnetotail. <i>Journal of Geophysical Research</i> , 1990, 95, 12005-12018. | 3.3 | 37 |
| 707 | A test of magnetic field draping induced B_z perturbations ahead of fast coronal mass ejecta. <i>Journal of Geophysical Research</i> , 1989, 94, 1465-1471. | 3.3 | 78 |
| 708 | Suprathermal ions observed upstream of the Venus bow shock. <i>Journal of Geophysical Research</i> , 1989, 94, 3743-3748. | 3.3 | 13 |
| 709 | Magnetospheric plasma pressures in the midnight meridian: Observations from 2.5 to 35 R_E . <i>Journal of Geophysical Research</i> , 1989, 94, 5264-5272. | 3.3 | 137 |
| 710 | Anisotropic thermal electron distributions in the solar wind. <i>Journal of Geophysical Research</i> , 1989, 94, 6563-6579. | 3.3 | 44 |
| 711 | Electron heat flux dropouts in the solar wind: Evidence for interplanetary magnetic field reconnection?. <i>Journal of Geophysical Research</i> , 1989, 94, 6907-6916. | 3.3 | 111 |
| 712 | ISEE 3 observations of solar wind thermal electrons with $T_{\perp} > T_{\parallel}$. <i>Journal of Geophysical Research</i> , 1989, 94, 13377-13386. | 3.3 | 11 |
| 713 | The secondary-electron yield measured for 5-24 MeV protons on aluminum-oxide and gold targets. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1988, 30, 191-195. | 1.4 | 40 |
| 714 | Interplanetary magnetic field draping about fast coronal mass ejecta in the outer heliosphere. <i>Journal of Geophysical Research</i> , 1988, 93, 2519-2526. | 3.3 | 74 |
| 715 | Channel electron multiplier compatibility with Viton and Apiezon $\text{\textcircled{L}}$ vacuum grease. <i>Review of Scientific Instruments</i> , 1987, 58, 2331-2332. | 1.3 | 9 |
| 716 | Field line draping about fast coronal mass ejecta: A source of strong out-of-the-ecliptic interplanetary magnetic fields. <i>Geophysical Research Letters</i> , 1987, 14, 355-358. | 4.0 | 163 |
| 717 | The Giacobini-Zinner magnetotail: Tail configuration and current sheet. <i>Journal of Geophysical Research</i> , 1987, 92, 1139-1152. | 3.3 | 18 |
| 718 | Magnetotails at unmagnetized bodies: Comparison of comet Giacobini-Zinner and Venus. <i>Journal of Geophysical Research</i> , 1987, 92, 10111-10117. | 3.3 | 23 |
| 719 | Plasma fluctuations and large-scale mixing near comet Giacobini-Zinner. <i>Geophysical Research Letters</i> , 1986, 13, 271-274. | 4.0 | 28 |
| 720 | The comet/solar wind transition region at Giacobini-Zinner. <i>Geophysical Research Letters</i> , 1986, 13, 393-396. | 4.0 | 37 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 721 | Three component plasma electron distribution in the intermediate ionized coma of comet Giacobini-Zinner. <i>Geophysical Research Letters</i> , 1986, 13, 401-404. | 4.0 | 40 |
| 722 | The structure of a cometary Type I tail: Ground-based and ice observations of P/Giacobini-Zinner. <i>Geophysical Research Letters</i> , 1986, 13, 1085-1088. | 4.0 | 22 |
| 723 | The near-Earth cross-tail current sheet: Detailed ISEE 1 and 2 case studies. <i>Journal of Geophysical Research</i> , 1986, 91, 4287-4301. | 3.3 | 132 |
| 724 | The warped neutral sheet and plasma sheet in the near-Earth geomagnetic tail. <i>Journal of Geophysical Research</i> , 1986, 91, 7093-7099. | 3.3 | 57 |
| 725 | The average magnetic field draping and consistent plasma properties of the Venus magnetotail. <i>Journal of Geophysical Research</i> , 1986, 91, 7939-7953. | 3.3 | 133 |
| 726 | Comet Giacobini-Zinner: Plasma Description. <i>Science</i> , 1986, 232, 356-361. | 12.6 | 185 |
| 727 | Diagnostics of space plasmas (invited). <i>Review of Scientific Instruments</i> , 1986, 57, 1711-1716. | 1.3 | 17 |
| 728 | Bistatic LIDAR experiment proposed for the shuttle/tethered satellite system missions. <i>Review of Scientific Instruments</i> , 1985, 56, 670-673. | 1.3 | 1 |
| 729 | Channel multiplier compatible materials and lifetime tests. <i>Review of Scientific Instruments</i> , 1984, 55, 463-467. | 1.3 | 11 |
| 730 | Structure of the magnetotail at $220 R_E$ and its response to geomagnetic activity. <i>Geophysical Research Letters</i> , 1984, 11, 5-7. | 4.0 | 256 |
| 731 | Evidence for slow-mode shocks in the deep geomagnetic tail. <i>Geophysical Research Letters</i> , 1984, 11, 599-602. | 4.0 | 134 |
| 732 | Detailed examination of a plasmoid in the distant magnetotail with ISEE 3. <i>Geophysical Research Letters</i> , 1984, 11, 1046-1049. | 4.0 | 91 |
| 733 | Plasma entry into the distant tail lobes: ISEE 3. <i>Geophysical Research Letters</i> , 1984, 11, 1078-1081. | 4.0 | 71 |
| 734 | Correlated dynamical changes in the near-Earth and distant magnetotail regions: ISEE 3. <i>Journal of Geophysical Research</i> , 1984, 89, 3855-3864. | 3.3 | 71 |
| 735 | Evolution of the Earth's distant magnetotail: ISEE 3 electron plasma results. <i>Journal of Geophysical Research</i> , 1984, 89, 11007-11012. | 3.3 | 125 |
| 736 | Plasma regimes in the deep geomagnetic tail: ISEE 3. <i>Geophysical Research Letters</i> , 1983, 10, 912-915. | 4.0 | 103 |
| 737 | Electron velocity distributions near the Earth's bow shock. <i>Journal of Geophysical Research</i> , 1983, 88, 96-110. | 3.3 | 396 |
| 738 | Radially uniform electron source. <i>Review of Scientific Instruments</i> , 1982, 53, 1490-1491. | 1.3 | 3 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 739 | Electron Heating Within the Earth's Bow Shock. <i>Physical Review Letters</i> , 1982, 49, 199-201. | 7.8 | 120 |
| 740 | A Quantitative Test of Different Magnetic Field Models Using Conjunctions Between DMSP and Geosynchronous Orbit. <i>Geophysical Monograph Series</i> , 0, , 167-172. | 0.1 | 10 |
| 741 | Limited Resource Plasma Analyzers: Miniaturization Concepts. <i>Geophysical Monograph Series</i> , 0, , 157-167. | 0.1 | 7 |
| 742 | Three-Dimensional Plasma Measurements from Three-Axis Stabilized Spacecraft. <i>Geophysical Monograph Series</i> , 0, , 441-452. | 0.1 | 1 |
| 743 | A Synthesis of Measured and Deduced Properties of Pickup Ions in the Venus-Solar Wind Interaction. <i>Geophysical Monograph Series</i> , 0, , 405-415. | 0.1 | 2 |
| 744 | Energetic particle evolution during coronal mass ejection passage from 0.3 to 1 AU. <i>Astronomy and Astrophysics</i> , 0, , . | 5.1 | 9 |
| 745 | A Consistent Scenario for the IBEX Ribbon, Anisotropies in TeV Cosmic Rays, and the Local Interstellar Medium. <i>ASTRA Proceedings</i> , 0, 2, 9-16. | 0.0 | 5 |