

# Thomas E Moore

## List of Publications by Year in descending order

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300  
papers

15,379  
citations

18465

62  
h-index

23514

111  
g-index

311  
all docs

311  
docs citations

311  
times ranked

3470  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electron-Only Reconnection as a Transition Phase From Quiet Magnetotail Current Sheets to Traditional Magnetotail Reconnection. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	10
2	Observations of Mirror Mode Structures in the Dawn-Side Magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028649.	0.8	2
3	Electron-Only Tail Current Sheets and Their Temporal Evolution. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091364.	1.5	15
4	In Situ Evidence of Ion Acceleration between Consecutive Reconnection Jet Fronts. <i>Astrophysical Journal</i> , 2021, 908, 73.	1.6	3
5	Kinetic Interaction of Cold and Hot Protons With an Oblique EMIC Wave Near the Dayside Reconnecting Magnetopause. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL092376.	1.5	6
6	Statistical Survey of Collisionless Dissipation in the Terrestrial Magnetosheath. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA029000.	0.8	12
7	Impacts of Ionospheric Ions on Magnetic Reconnection and Earth's Magnetosphere Dynamics. <i>Reviews of Geophysics</i> , 2021, 59, e2020RG000707.	9.0	26
8	On formation flying in low earth mirrored orbits – A case study. <i>Acta Astronautica</i> , 2021, 184, 142-149.	1.7	3
9	Hidden Atmospheric Particles Sculpt Near-Earth Space Environment. <i>Eos</i> , 2021, 102, .	0.1	0
10	The Key Role of Cold Ionospheric Ions As a Source of Hot Magnetospheric Plasma and As a Driver of the Dynamics of Substorms and Storms. <i>Frontiers in Astronomy and Space Sciences</i> , 2021, 8, .	1.1	3
11	Quantification of Cold-Ion Beams in a Magnetic Reconnection Jet. <i>Frontiers in Astronomy and Space Sciences</i> , 2021, 8, .	1.1	4
12	<i>In Situ</i> Observation of Hall Magnetohydrodynamic Cascade in Space Plasma. <i>Physical Review Letters</i> , 2020, 124, 225101.	2.9	43
13	Intermittency and Ion Temperature Anisotropy Instabilities: Simulation and Magnetosheath Observation. <i>Astrophysical Journal</i> , 2020, 895, 83.	1.6	10
14	On the Ubiquity of Magnetic Reconnection Inside Flux Transfer Event-Like Structures at the Earth's Magnetopause. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL086726.	1.5	20
15	Latitudinal Dependence of the Kelvin-Helmholtz Instability and Beta Dependence of Vortex-Induced High-Guide Field Magnetic Reconnection. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027333.	0.8	7
16	Statistics of Kinetic Dissipation in the Earth's Magnetosheath: MMS Observations. <i>Physical Review Letters</i> , 2020, 124, 255101.	2.9	41
17	Lower-Hybrid Drift Waves Driving Electron Nongyrotropic Heating and Vortical Flows in a Magnetic Reconnection Layer. <i>Physical Review Letters</i> , 2020, 125, 025103.	2.9	29
18	In Situ Measurement of Curvature of Magnetic Field in Turbulent Space Plasmas: A Statistical Study. <i>Astrophysical Journal Letters</i> , 2020, 893, L25.	3.0	11

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19	Magnetic Reconnection Inside a Flux Transfer Event-Like Structure in Magnetopause Kelvin-Helmholtz Waves. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027527.	0.8	10
20	Sign Singularity of the Local Energy Transfer in Space Plasma Turbulence. <i>Frontiers in Physics</i> , 2019, 7, .	1.0	9
21	Dissipation of Earthward Propagating Flux Rope Through Reconnection with Geomagnetic Field: An MMS Case Study. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 7477-7493.	0.8	15
22	Four-Spacecraft Measurements of the Shape and Dimensionality of Magnetic Structures in the Near-Earth Plasma Environment. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 6850-6868.	0.8	7
23	Reconnection With Magnetic Flux Pileup at the Interface of Converging Jets at the Magnetopause. <i>Geophysical Research Letters</i> , 2019, 46, 1937-1946.	1.5	36
24	Turbulence-Driven Ion Beams in the Magnetospheric Kelvin-Helmholtz Instability. <i>Physical Review Letters</i> , 2019, 122, 035102.	2.9	62
25	Observational Evidence of Magnetic Reconnection in the Terrestrial Bow Shock Transition Region. <i>Geophysical Research Letters</i> , 2019, 46, 562-570.	1.5	47
26	Mass Loading the Earth's Dayside Magnetopause Boundary Layer and Its Effect on Magnetic Reconnection. <i>Geophysical Research Letters</i> , 2019, 46, 6204-6213.	1.5	21
27	Electron Diffusion Regions in Magnetotail Reconnection Under Varying Guide Fields. <i>Geophysical Research Letters</i> , 2019, 46, 6230-6238.	1.5	33
28	Ion Behaviors in the Reconnection Diffusion Region of a Corrugated Magnetotail Current Sheet. <i>Geophysical Research Letters</i> , 2019, 46, 5014-5020.	1.5	5
29	In situ spacecraft observations of a structured electron diffusion region during magnetopause reconnection. <i>Physical Review E</i> , 2019, 99, 043204.	0.8	11
30	Electrostatic Spacecraft Potential Structure and Wake Formation Effects for Characterization of Cold Ion Beams in the Earth's Magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 10048-10062.	0.8	17
31	High-density $O^{+}$ in Earth's outer magnetosphere and its effect on dayside magnetopause magnetic reconnection. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 10257-10269.	0.8	14
32	The Properties of Lion Roars and Electron Dynamics in Mirror Mode Waves Observed by the Magnetospheric MultiScale Mission. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 93-103.	0.8	26
33	Energy partitioning constraints at kinetic scales in low- $\beta^2$ turbulence. <i>Physics of Plasmas</i> , 2018, 25, .	0.7	25
34	Quantifying the effect of non-Larmor motion of electrons on the pressure tensor. <i>Physics of Plasmas</i> , 2018, 25, .	0.7	7
35	In Situ Observation of Intermittent Dissipation at Kinetic Scales in the Earth's Magnetosheath. <i>Astrophysical Journal Letters</i> , 2018, 856, L19.	3.0	55
36	Magnetic Reconnection at a Thin Current Sheet Separating Two Interlaced Flux Tubes at the Earth's Magnetopause. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 1779-1793.	0.8	35

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37	Magnetospheric Multiscale Dayside Reconnection Electron Diffusion Region Events. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 4858-4878.	0.8	79
38	Electron-scale dynamics of the diffusion region during symmetric magnetic reconnection in space. <i>Science</i> , 2018, 362, 1391-1395.	6.0	221
39	Incompressive Energy Transfer in the Earth's Magnetosheath: Magnetospheric Multiscale Observations. <i>Astrophysical Journal</i> , 2018, 866, 106.	1.6	42
40	Kinetic Range Spectral Features of Cross Helicity Using the Magnetospheric Multiscale Spacecraft. <i>Physical Review Letters</i> , 2018, 121, 265101.	2.9	17
41	Higher-Order Turbulence Statistics in the Earth's Magnetosheath and the Solar Wind Using Magnetospheric Multiscale Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 9941-9954.	0.8	51
42	The two-fluid dynamics and energetics of the asymmetric magnetic reconnection in laboratory and space plasmas. <i>Nature Communications</i> , 2018, 9, 5223.	5.8	18
43	MMS Observations of Beta-dependent Constraints on Ion Temperature Anisotropy in Earth's Magnetosheath. <i>Astrophysical Journal</i> , 2018, 866, 25.	1.6	21
44	Energy Conversion and Partition in the Asymmetric Reconnection Diffusion Region. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 8185-8205.	0.8	17
45	Statistical Study of the Properties of Magnetosheath Lion Roars. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 5435-5451.	0.8	13
46	Solar Wind Turbulence Studies Using MMS Fast Plasma Investigation Data. <i>Astrophysical Journal</i> , 2018, 866, 81.	1.6	48
47	Direct measurements of two-way wave-particle energy transfer in a collisionless space plasma. <i>Science</i> , 2018, 361, 1000-1003.	6.0	36
48	A Statistical Study of Slow-Mode Shocks Observed by MMS in the Dayside Magnetopause. <i>Geophysical Research Letters</i> , 2018, 45, 4675-4684.	1.5	1
49	Energy Conversion and Collisionless Plasma Dissipation Channels in the Turbulent Magnetosheath Observed by the Magnetospheric Multiscale Mission. <i>Astrophysical Journal</i> , 2018, 862, 32.	1.6	55
50	Electron magnetic reconnection without ion coupling in Earth's turbulent magnetosheath. <i>Nature</i> , 2018, 557, 202-206.	13.7	263
51	New Insights into the Nature of Turbulence in the Earth's Magnetosheath Using Magnetospheric MultiScale Mission Data. <i>Astrophysical Journal</i> , 2018, 859, 127.	1.6	23
52	Introduction: Particles and fields. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 1435-1436.	0.8	1
53	Magnetospheric Multiscale Observations of Electron Vortex Magnetic Hole in the Turbulent Magnetosheath Plasma. <i>Astrophysical Journal Letters</i> , 2017, 836, L27.	3.0	85
54	Electron Heating at Kinetic Scales in Magnetosheath Turbulence. <i>Astrophysical Journal</i> , 2017, 836, 247.	1.6	50

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55	Electron Scattering by High-frequency Whistler Waves at Earth's Bow Shock. <i>Astrophysical Journal Letters</i> , 2017, 842, L11.	3.0	46
56	Electron diffusion region during magnetopause reconnection with an intermediate guide field: Magnetospheric multiscale observations. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 5235-5246.	0.8	52
57	Parallel electron heating in the magnetospheric inflow region. <i>Geophysical Research Letters</i> , 2017, 44, 4384-4392.	1.5	8
58	Structure, force balance, and topology of Earth's magnetopause. <i>Science</i> , 2017, 356, 960-963.	6.0	10
59	Introduction: Photons and ground-based. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 1437-1438.	0.8	0
60	Lower Hybrid Drift Waves and Electromagnetic Electron Space-Phase Holes Associated With Dipolarization Fronts and Field-Aligned Currents Observed by the Magnetospheric Multiscale Mission During a Substorm. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 12,236.	0.8	31
61	Cold Ionospheric Ions in the Magnetic Reconnection Outflow Region. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 10,194.	0.8	19
62	High-resolution Statistics of Solar Wind Turbulence at Kinetic Scales Using the Magnetospheric Multiscale Mission. <i>Astrophysical Journal Letters</i> , 2017, 844, L9.	3.0	30
63	Ion velocity distributions in dipolarization events: Beams in the vicinity of the plasma sheet boundary. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 8026-8036.	0.8	10
64	Magnetospheric Multiscale Overview and Science Objectives. , 2017, , 5-21.		23
65	Currents and associated electron scattering and bouncing near the diffusion region at Earth's magnetopause. <i>Geophysical Research Letters</i> , 2016, 43, 3042-3050.	1.5	81
66	Ion-scale secondary flux ropes generated by magnetopause reconnection as resolved by MMS. <i>Geophysical Research Letters</i> , 2016, 43, 4716-4724.	1.5	95
67	Constraining electric fields from electrostatic deflector plates: A brief report and case study from the Fast Plasma Investigation for the Magnetospheric Multiscale Mission. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 7887-7894.	0.8	3
68	Two-scale ion meandering caused by the polarization electric field during asymmetric reconnection. <i>Geophysical Research Letters</i> , 2016, 43, 7831-7839.	1.5	19
69	Fast Plasma Investigation for Magnetospheric Multiscale. <i>Space Science Reviews</i> , 2016, 199, 331-406.	3.7	960
70	Electron-scale measurements of magnetic reconnection in space. <i>Science</i> , 2016, 352, aaf2939.	6.0	545
71	Electron dynamics in a subproton-gyroscale magnetic hole. <i>Geophysical Research Letters</i> , 2016, 43, 4112-4118.	1.5	49
72	Transient, small-scale field-aligned currents in the plasma sheet boundary layer during storm time substorms. <i>Geophysical Research Letters</i> , 2016, 43, 4841-4849.	1.5	30

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73	Decay of mesoscale flux transfer events during quasi-continuous spatially extended reconnection at the magnetopause. <i>Geophysical Research Letters</i> , 2016, 43, 4755-4762.	1.5	28
74	Magnetic reconnection and modification of the Hall physics due to cold ions at the magnetopause. <i>Geophysical Research Letters</i> , 2016, 43, 6705-6712.	1.5	45
75	MMS observations of electron-scale filamentary currents in the reconnection exhaust and near the X line. <i>Geophysical Research Letters</i> , 2016, 43, 6060-6069.	1.5	99
76	MMS observations of large guide field symmetric reconnection between colliding reconnection jets at the center of a magnetic flux rope at the magnetopause. <i>Geophysical Research Letters</i> , 2016, 43, 5536-5544.	1.5	84
77	MMS observations of ion-scale magnetic island in the magnetosheath turbulent plasma. <i>Geophysical Research Letters</i> , 2016, 43, 7850-7858.	1.5	53
78	The electric wind of Venus: A global and persistent "polar wind"-like ambipolar electric field sufficient for the direct escape of heavy ionospheric ions. <i>Geophysical Research Letters</i> , 2016, 43, 5926-5934.	1.5	31
79	Magnetospheric Multiscale observations of magnetic reconnection associated with Kelvin-Helmholtz waves. <i>Geophysical Research Letters</i> , 2016, 43, 5606-5615.	1.5	104
80	Thick escaping magnetospheric ion layer in magnetopause reconnection with MMS observations. <i>Geophysical Research Letters</i> , 2016, 43, 6028-6035.	1.5	1
81	Ion demagnetization in the magnetopause current layer observed by MMS. <i>Geophysical Research Letters</i> , 2016, 43, 4850-4857.	1.5	12
82	Cold ion demagnetization near the X-line of magnetic reconnection. <i>Geophysical Research Letters</i> , 2016, 43, 6759-6767.	1.5	35
83	Whistler mode waves and Hall fields detected by MMS during a dayside magnetopause crossing. <i>Geophysical Research Letters</i> , 2016, 43, 5943-5952.	1.5	44
84	Electron energization and mixing observed by MMS in the vicinity of an electron diffusion region during magnetopause reconnection. <i>Geophysical Research Letters</i> , 2016, 43, 6036-6043.	1.5	67
85	Estimates of terms in Ohm's law during an encounter with an electron diffusion region. <i>Geophysical Research Letters</i> , 2016, 43, 5918-5925.	1.5	86
86	The 2<i>π</i> charged particles analyzer: All-sky camera concept and development for space missions. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 11,750.	0.8	6
87	Signatures of complex magnetic topologies from multiple reconnection sites induced by Kelvin-Helmholtz instability. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 9926-9939.	0.8	35
88	Shift of the magnetopause reconnection line to the winter hemisphere under southward IMF conditions: Geotail and MMS observations. <i>Geophysical Research Letters</i> , 2016, 43, 5581-5588.	1.5	17
89	Magnetospheric Multiscale Overview and Science Objectives. <i>Space Science Reviews</i> , 2016, 199, 5-21.	3.7	1,118
90	Modeling the effects of ionospheric oxygen outflow on bursty magnetotail flows. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 8723-8737.	0.8	8

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91	Magnetic reconnection. <i>Nature Physics</i> , 2015, 11, 611-613.	6.5	4
92	Magnetic reconnection, buoyancy, and flapping motions in magnetotail explosions. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 7151-7168.	0.8	64
93	Morrow, Reiff, Receive 2013 Space Physics and Aeronomy Richard Carrington Awards: Citation for Patricia H. Reiff. <i>Eos</i> , 2014, 95, 300-300.	0.1	0
94	A tailward moving current sheet normal magnetic field front followed by an earthward moving dipolarization front. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 5316-5327.	0.8	15
95	ON THE STABILITY OF PICK-UP ION RING DISTRIBUTIONS IN THE OUTER HELIOSHEATH. <i>Astrophysical Journal</i> , 2014, 793, 93.	1.6	29
96	A survey of hot flow anomalies at Venus. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 978-991.	0.8	21
97	Multiscale studies of the three-dimensional dayside X-line. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2013, 99, 32-40.	0.6	17
98	Spontaneous formation of dipolarization fronts and reconnection onset in the magnetotail. <i>Geophysical Research Letters</i> , 2013, 40, 22-27.	1.5	87
99	“Snowplow” injection front effects. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 6478-6488.	0.8	6
100	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.	0.8	6
101	Merging and the Single Particle. <i>Geophysical Monograph Series</i> , 2013, , 81-88.	0.1	0
102	Storm-time electron density enhancement in the cleft ion fountain. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	6
103	The geometric factor of electrostatic plasma analyzers: A case study from the Fast Plasma Investigation for the Magnetospheric Multiscale mission. <i>Review of Scientific Instruments</i> , 2012, 83, 033303.	0.6	30
104	Hot flow anomalies at Venus. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	35
105	Centrifugally stimulated exospheric ion escape at Mercury. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	14
106	Short large-amplitude magnetic structures (SLAMS) at Venus. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	17
107	HELIOSPHERIC NEUTRAL ATOM SPECTRA BETWEEN 0.01 AND 6 keV FROM IBEX. <i>Astrophysical Journal</i> , 2012, 754, 14.	1.6	46
108	Modeling the superstorm in November 2003. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	18

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109	Neutral atom imaging of the magnetospheric cusps. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	53
110	Two azimuthally separated regions of cusp ion injection observed via energetic neutral atoms. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	1
111	On the effect of IMF turning on ion dynamics at Mercury. <i>Annales Geophysicae</i> , 2011, 29, 987-996.	0.6	4
112	Ion dynamics during compression of Mercury's magnetosphere. <i>Annales Geophysicae</i> , 2010, 28, 1467-1474.	0.6	10
113	Dynamics of ring current and electric fields in the inner magnetosphere during disturbed periods: CRCMâ€“BATSâ€“US coupled model. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	42
114	Mechanisms of ionospheric mass escape. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	34
115	Energetic neutral atoms from the Earth's subsolar magnetopause. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	66
116	Global response to local ionospheric mass ejection. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	7
117	Comparison of Interstellar Boundary Explorer Observations with 3D Global Heliospheric Models. <i>Science</i> , 2009, 326, 966-968.	6.0	221
118	Width and Variation of the ENA Flux Ribbon Observed by the Interstellar Boundary Explorer. <i>Science</i> , 2009, 326, 962-964.	6.0	166
119	Global Observations of the Interstellar Interaction from the Interstellar Boundary Explorer (IBEX). <i>Science</i> , 2009, 326, 959-962.	6.0	461
120	The IBEX-Lo Sensor. <i>Space Science Reviews</i> , 2009, 146, 117-147.	3.7	171
121	IBEXâ€“Interstellar Boundary Explorer. <i>Space Science Reviews</i> , 2009, 146, 11-33.	3.7	305
122	Response of ions of ionospheric origin to storm time substorms: Coordinated observations over the ionosphere and in the plasma sheet. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	19
123	Moving mesoscale plasma precipitation in the cusp. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	6
124	HF radar polar patch and its relation with the cusp during <i>B</i><sub><i>Y</i></sub>-dominated IMF: Simultaneous observations at two altitudes. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	5
125	IBEXâ€“Interstellar Boundary Explorer. , 2009, , 11-33.		6
126	Mars Express/ASPERA-3/NPI and IMAGE/LENA observations of energetic neutral atoms in Earth and Mars orbit. <i>Advances in Space Research</i> , 2008, 41, 343-350.	1.2	1



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127	Magnetic local time extent of ion outflow during substorm recovery. Journal of Geophysical Research, 2008, 113, .	3.3	3
128	Ionospheric ions in the near-Earth magnetotail. Journal of Geophysical Research, 2008, 113, .	3.3	2
129	Observations of the warm plasma cloak and an explanation of its formation in the magnetosphere. Journal of Geophysical Research, 2008, 113, .	3.3	101
130	Observations of the ion signatures of double merging and the formation of newly closed field lines. Geophysical Research Letters, 2008, 35, .	1.5	6
131	Generation of plasmaspheric undulations. Geophysical Research Letters, 2008, 35, .	1.5	9
132	Conjugate observations of ENA signals in the high-altitude cusp and proton auroral spot in the low-altitude cusp with IMAGE spacecraft. Geophysical Research Letters, 2008, 35, .	1.5	7
133	Plasma plume circulation and impact in an MHD substorm. Journal of Geophysical Research, 2008, 113, .	3.3	23
134	Estimation of magnetopause motion from low-energy neutral atom emission. Journal of Geophysical Research, 2008, 113, .	3.3	9
135	Stellar ablation of planetary atmospheres. Reviews of Geophysics, 2007, 45, .	9.0	96
136	Storm phase dependence of ion outflow: Statistical signatures obtained by IMAGE/LENA. Geophysical Research Letters, 2007, 34, .	1.5	5
137	Correlative variations of the neutral atom emission in the high-altitude cusp and the fast anti-sunward convection in the low-altitude cusp. Journal of Geophysical Research, 2007, 112, .	3.3	6
138	Combined in situ and remote sensing of ionospheric ion outflow. Geophysical Research Letters, 2006, 33, .	1.5	7
139	Neutral atom emission in the direction of the high-latitude magnetopause for northward IMF: Simultaneous observations from IMAGE spacecraft and SuperDARN radar. Geophysical Research Letters, 2006, 33, .	1.5	7
140	Magnetospheric convection and thermal ions in the dayside outer magnetosphere. Journal of Geophysical Research, 2006, 111, .	3.3	49
141	Impulsive enhancements of oxygen ions during substorms. Journal of Geophysical Research, 2006, 111, .	3.3	99
142	Simulation of the POLAR-observed Geomagnetic Ion Energy Spectrometer. Journal of Geophysical Research, 2006, 111, .	3.3	5
143	The interstellar boundary explorer (IBEX): Update at the end of phase B. AIP Conference Proceedings, 2006, , .	0.3	9
144	Simulating the cleft ion fountain at polar perigee altitudes. Journal of Atmospheric and Solar-Terrestrial Physics, 2005, 67, 465-477.	0.6	20

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145	A Panoramic Plasma Spectrometer: An All-Sky Camera for Charged Particles. <i>Cosmic Research</i> , 2005, 43, 373-376.	0.2	5
146	Energetic particle injections into the outer cusp during compression events. <i>Earth, Planets and Space</i> , 2005, 57, 125-130.	0.9	4
147	Origins and variation of terrestrial energetic neutral atoms outflow. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	5
148	An examination of the process and magnitude of ionospheric plasma supply to the magnetosphere. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	78
149	Nonlinear impact of plasma sheet density on the storm-time ring current. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	34
150	Plasma sheet and (nonstorm) ring current formation from solar and polar wind sources. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	43
151	Low-energy neutral atom signatures of magnetopause motion in response to southward Bz. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	28
152	Occurrence statistics of cold, streaming ions in the near-Earth magnetotail: Survey of Polar-TIDE observations. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	16
153	Overwhelming O <sup>+</sup> contribution to the plasma sheet energy density during the October 2003 superstorm: Geotail/EPIC and IMAGE/LENA observations. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	81
154	Polar study of ionospheric ion outflow versus energy input. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	49
155	Pc 1 waves and associated unstable distributions of magnetospheric protons observed during a solar wind pressure pulse. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	62
156	Monitoring the high-altitude cusp with the Low Energy Neutral Atom imager: Simultaneous observations from IMAGE and Polar. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	12
157	Coordinated polar spacecraft, geosynchronous spacecraft, and ground-based observations of magnetopause processes and their coupling to the ionosphere. <i>Annales Geophysicae</i> , 2004, 22, 4329-4350.	0.6	8
158	Ion velocity distributions within the LLBL and their possible implication to multiple reconnections. <i>Annales Geophysicae</i> , 2004, 22, 213-236.	0.6	5
159	Possible Origin of the Secondary Stream of Neutral Fluxes at 1 AU. <i>AIP Conference Proceedings</i> , 2004, , .	0.3	10
160	An unexplained 10°–40° shift in the location of some diverse neutral atom data at 1 AU. <i>Advances in Space Research</i> , 2004, 34, 166-171.	1.2	27
161	Dayside flow bursts in the Earth's outer magnetosphere. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	23
162	Neutral atom imaging of solar wind interaction with the Earth and Venus. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	16

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163	Response of neutral atom emissions in the low-latitude and high-latitude magnetosheath direction to the magnetopause motion under extreme solar wind conditions. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	16
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