

Andrew Fazakerley

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8899267/publications.pdf>

Version: 2024-02-01

165
papers

5,928
citations

70961

41
h-index

91712

69
g-index

165
all docs

165
docs citations

165
times ranked

2539
citing authors

#	ARTICLE	IF	CITATIONS
1	PEACE: A PLASMA ELECTRON AND CURRENT EXPERIMENT. <i>Space Science Reviews</i> , 1997, 79, 351-398.	3.7	391
2	Observation of energetic electrons within magnetic islands. <i>Nature Physics</i> , 2008, 4, 19-23.	6.5	238
3	Radial evolution of nonthermal electron populations in the low-latitude solar wind: Helios, Cluster, and Ulysses Observations. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	234
4	Electron temperature anisotropy constraints in the solar wind. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	219
5	A new form of Saturn's magnetopause using a dynamic pressure balance model, based on in situ, multi-instrument Cassini measurements. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	145
6	Electron density estimations derived from spacecraft potential measurements on Cluster in tenuous plasma regions. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	135
7	Energy deposition by Alfvén waves into the dayside auroral oval: Cluster and FAST observations. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	113
8	Peace: A Plasma Electron and Current Experiment. , 1997, , 351-398.		110
9	Dynamics of thin current sheets associated with magnetotail reconnection. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	109
10	Evidence for newly closed magnetosheath field lines at the dayside magnetopause under northward IMF. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	99
11	Cluster observations of waves in the whistler frequency range associated with magnetic reconnection in the Earth's magnetotail. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	95
12	Evolution of Kelvin-Helmholtz activity on the dusk flank magnetopause. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	95
13	Cluster observations of lower hybrid turbulence within thin layers at the magnetopause. <i>Geophysical Research Letters</i> , 2004, 31, .	1.5	92
14	Evidence of an extended electron current sheet and its neighboring magnetic island during magnetotail reconnection. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	92
15	Phase space density analysis of the outer radiation belt energetic electron dynamics. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	88
16	Multi-spacecraft observation of plasma dipolarization/injection in the inner magnetosphere. <i>Annales Geophysicae</i> , 2007, 25, 801-814.	0.6	88
17	Characteristics of the magnetosheath electron boundary layer under northward interplanetary magnetic field: Implications for high-latitude reconnection. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	81
18	Cluster observations of an ion-scale current sheet in the magnetotail under the presence of a guide field. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	80

#	ARTICLE	IF	CITATIONS
19	Electron flat-top distributions around the magnetic reconnection region. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	78
20	Cluster electric current density measurements within a magnetic flux rope in the plasma sheet. <i>Geophysical Research Letters</i> , 2003, 30, .	1.5	77
21	Thin electron-scale layers at the magnetopause. <i>Geophysical Research Letters</i> , 2004, 31, .	1.5	68
22	Solar wind entry into the high-latitude terrestrial magnetosphere during geomagnetically quiet times. <i>Nature Communications</i> , 2013, 4, 1466.	5.8	68
23	Electron acceleration signatures in the magnetotail associated with substorms. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	64
24	Magnetic topologies of an in vivo FTE observed by Double Star/TC-1 at Earth's magnetopause. <i>Geophysical Research Letters</i> , 2013, 40, 3502-3506.	1.5	62
25	Strong bulk plasma acceleration in Earth's magnetosheath: A magnetic slingshot effect?. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	61
26	Cluster observations of finite amplitude Alfvén waves and small-scale magnetic filaments downstream of a quasi-perpendicular shock. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	60
27	Study of near-Earth reconnection events with Cluster and Double Star. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	59
28	Average magnetotail electron and proton pitch angle distributions from Cluster PEACE and CIS observations. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	59
29	Spatial distribution of rolled up Kelvin-Helmholtz vortices at Earth's dayside and flank magnetopause. <i>Annales Geophysicae</i> , 2012, 30, 1025-1035.	0.6	59
30	Cluster observations of bidirectional beams caused by electron trapping during antiparallel reconnection. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	58
31	Multispacecraft observations of the electron current sheet, neighboring magnetic islands, and electron acceleration during magnetotail reconnection. <i>Physics of Plasmas</i> , 2009, 16, .	0.7	57
32	The Earth: Plasma Sources, Losses, and Transport Processes. <i>Space Science Reviews</i> , 2015, 192, 145-208.	3.7	54
33	Solar cycle variations of the Cluster spacecraft potential and its use for electron density estimations. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	52
34	Wave-particle interactions in the equatorial source region of whistler-mode emissions. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	51
35	Multi-Spacecraft Study of the 21 January 2005 ICME. <i>Solar Physics</i> , 2007, 244, 139-165.	1.0	50
36	In situ spatiotemporal measurements of the detailed azimuthal substructure of the substorm current wedge. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 927-946.	0.8	49

#	ARTICLE	IF	CITATIONS
37	Observation of double layer in the separatrix region during magnetic reconnection. <i>Geophysical Research Letters</i> , 2014, 41, 4851-4858.	1.5	48
38	Spatial structures of magnetic depression in the Earth's high-altitude cusp: Cluster multipoint observations. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	47
39	Flattened current sheet and its evolution in substorms. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	46
40	Direct observation of closed magnetic flux trapped in the high-latitude magnetosphere. <i>Science</i> , 2014, 346, 1506-1510.	6.0	46
41	Uranus Pathfinder: exploring the origins and evolution of Ice Giant planets. <i>Experimental Astronomy</i> , 2012, 33, 753-791.	1.6	44
42	A direct examination of the dynamics of dipolarization fronts using MMS. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 4335-4347.	0.8	44
43	Cluster PEACE observations of electron pressure tensor divergence in the magnetotail. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	40
44	Observations of an active thin current sheet. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	40
45	Asymmetry in the current sheet and secondary magnetic flux ropes during guide field magnetic reconnection. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	40
46	Cluster observations of "crater" flux transfer events at the dayside high-latitude magnetopause. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	39
47	Generation of whistler mode emissions in the inner magnetosphere: An event study. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	39
48	Electron pitch angle/energy distribution in the magnetotail. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 7214-7227.	0.8	39
49	Ion sound wave packets at the quasiperpendicular shock front. <i>Geophysical Research Letters</i> , 2005, 32, .	1.5	38
50	Cluster observations of electrostatic solitary waves near the Earth's bow shock. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	38
51	Cluster observations of the entry layer equatorward of the cusp under northward interplanetary magnetic field. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	38
52	Flow bouncing and electron injection observed by Cluster. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 2055-2072.	0.8	38
53	Slow electrostatic solitary waves in Earth's plasma sheet boundary layer. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 4452-4465.	0.8	38
54	Dynamics and waves near multiple magnetic null points in reconnection diffusion region. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	37

#	ARTICLE	IF	CITATIONS
55	Flow shear near the boundary of the plasma sheet observed by Cluster and Geotail. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	35
56	Magnetic reconnection and cold plasma at the magnetopause. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	35
57	Nighttime Magnetic Perturbation Events Observed in Arctic Canada: 2. Multiple Instrument Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 7459-7476.	0.8	35
58	South-north asymmetry of field-aligned currents in the magnetotail observed by Cluster. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	34
59	Cluster four spacecraft measurements of small traveling compression regions in the near-tail. <i>Geophysical Research Letters</i> , 2003, 30, n/a-n/a.	1.5	33
60	Cluster observations of flux rope structures in the near-tail. <i>Annales Geophysicae</i> , 2006, 24, 651-666.	0.6	33
61	Electron trapping around a magnetic null. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	33
62	Formation of the low-latitude boundary layer and cusp under the northward IMF: Simultaneous observations by Cluster and Double Star. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	32
63	Sources of electron pitch angle anisotropy in the magnetotail plasma sheet. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 6042-6054.	0.8	32
64	Cluster observations of the high-altitude cusp for northward interplanetary magnetic field: A case study. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	31
65	Cluster observations of currents in the plasma sheet during reconnection. <i>Geophysical Research Letters</i> , 2005, 32, .	1.5	30
66	TC-1 observations of flux pileup and dipolarization-associated expansion in the near-Earth magnetotail during substorms. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	30
67	AXIOM: advanced X-ray imaging of the magnetosphere. <i>Experimental Astronomy</i> , 2012, 33, 403-443.	1.6	30
68	A survey of flux transfer events observed by Cluster during strongly northward IMF. <i>Geophysical Research Letters</i> , 2005, 32, n/a-n/a.	1.5	28
69	The Apparent Layered Structure of the Heliospheric Current Sheet: Multi-Spacecraft Observations. <i>Solar Physics</i> , 2009, 259, 389-416.	1.0	28
70	What high altitude observations tell us about the auroral acceleration: A Cluster/DMSP conjunction. <i>Geophysical Research Letters</i> , 2003, 30, .	1.5	27
71	Simultaneous observations of flux transfer events by THEMIS, Cluster, Double Star, and SuperDARN: Acceleration of FTEs. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	27
72	Observation of multiple sub-cavities adjacent to single separatrix. <i>Geophysical Research Letters</i> , 2013, 40, 2511-2517.	1.5	27

#	ARTICLE	IF	CITATIONS
73	Near-Earth substorm features from multiple satellite observations. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	26
74	Multispacecraft observation of electron beam in reconnection region. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	26
75	On the fine structure of dipolarization fronts. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 6367-6385.	0.8	26
76	Cluster Observations of the CUSP: Magnetic Structure and Dynamics. <i>Surveys in Geophysics</i> , 2005, 26, 5-55.	2.1	25
77	The location of the open-closed magnetic field line boundary in the dawn sector auroral ionosphere. <i>Annales Geophysicae</i> , 2004, 22, 3625-3639.	0.6	24
78	On the formation of the high-altitude stagnant cusp: Cluster observations. <i>Geophysical Research Letters</i> , 2005, 32, n/a-n/a.	1.5	24
79	Effect of a northward turning of the interplanetary magnetic field on cusp precipitation as observed by Cluster. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	24
80	Tracing solar wind plasma entry into the magnetosphere using ion-to-electron temperature ratio. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	24
81	PEACE Data in the Cluster Active Archive. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , 2010, , 129-144.	0.3	23
82	Observations of auroral broadband emissions by CLUSTER. <i>Geophysical Research Letters</i> , 2003, 30, .	1.5	22
83	Evolution in space and time of the quasi-static acceleration potential of inverted-V aurora and its interaction with Alfvénic boundary processes. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	22
84	Evaluating the Skill of Forecasts of the Near-Earth Solar Wind Using a Space Weather Monitor at L5. <i>Space Weather</i> , 2018, 16, 814-828.	1.3	22
85	Multispacecraft and ground-based observations of substorm timing and activations: Two case studies. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	21
86	Multipoint observations of transient reconnection signatures in the cusp precipitation: A Cluster-IMAGE detailed case study. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	19
87	Temporal evolution of a staircase ion signature observed by Cluster in the mid-altitude polar cusp. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	19
88	Cluster observations near reconnection X lines in Earth's magnetotail current sheet. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 4199-4209.	0.8	19
89	Correlation between suprathermal electron bursts, broadband extremely low frequency waves, and local ion heating in the midaltitude cleft/low-latitude boundary layer observed by Cluster. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	18
90	Response of the mid-altitude cusp to rapid rotations of the IMF. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	18

#	ARTICLE	IF	CITATIONS
91	Midnight sector observations of auroral omega bands. Journal of Geophysical Research, 2011, 116, .	3.3	18
92	Cluster electron observations of the separatrix layer during traveling compression regions. Geophysical Research Letters, 2005, 32, .	1.5	17
93	Spatiotemporal features of the auroral acceleration region as observed by Cluster. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	17
94	Evidence of the origin of the Hall magnetic field for reconnection: Hall MHD reconstruction results from Cluster observations. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	17
95	Cassini observations of Saturn's southern polar cusp. Journal of Geophysical Research: Space Physics, 2016, 121, 3006-3030.	0.8	17
96	Statistical distributions of field-aligned electron events in the near-equatorial magnetosphere observed by the Low Energy Plasma Analyzer on CRRES. Journal of Geophysical Research, 2002, 107, SMP 29-1.	3.3	16
97	Cluster encounter with an energetic electron beam during a substorm. Journal of Geophysical Research, 2006, 111, .	3.3	16
98	TC1 and Cluster observation of an FTE on 4 January 2005: A close conjunction. Geophysical Research Letters, 2007, 34, .	1.5	16
99	Remote sensing of a magnetotail reconnection X-line using polar rain electrons. Geophysical Research Letters, 2006, 33, .	1.5	15
100	Comprehensive ground-based and in situ observations of substorm expansion phase onset. Journal of Geophysical Research, 2010, 115, .	3.3	15
101	First in situ evidence of electron pitch angle scattering due to magnetic field line curvature in the ion diffusion region. Journal of Geophysical Research: Space Physics, 2016, 121, 4103-4110.	0.8	15
102	Multiple cusps during an extended northward IMF period with a significant B_y component. Journal of Geophysical Research, 2008, 113, .	3.3	14
103	The relationship between j_z and B_z and $\hat{z} \cdot \nabla P_e$ in the magnetotail plasma sheet: Cluster observations. Journal of Geophysical Research, 2008, 113, .	3.3	14
104	Magnetotail dipolarization and associated current systems observed by Cluster and Double Star. Journal of Geophysical Research, 2008, 113, .	3.3	14
105	Characteristics of Langmuir electric field waveforms and power spectra exhibiting nonlinear behavior in Earth's foreshock. Journal of Geophysical Research, 2010, 115, .	3.3	14
106	Active Spacecraft Potential Control: Results From the Double Star Project. IEEE Transactions on Plasma Science, 2006, 34, 2046-2052.	0.6	13
107	Cluster observations of the midaltitude cusp under strong northward interplanetary magnetic field. Journal of Geophysical Research, 2008, 113, .	3.3	13
108	Double cusp encounter by Cluster: double cusp or motion of the cusp?. Annales Geophysicae, 2013, 31, 713-723.	0.6	13

#	ARTICLE	IF	CITATIONS
109	Observations of Kelvinâ€Helmholtz Waves in the Earth's Magnetotail Near the Lunar Orbit. Journal of Geophysical Research: Space Physics, 2018, 123, 3836-3847.	0.8	13
110	Electron structure of the magnetopause boundary layer: Cluster/Double Star observations. Journal of Geophysical Research, 2008, 113, .	3.3	12
111	Electron dynamics in the reconnection ion diffusion region. Journal of Geophysical Research, 2012, 117, .	3.3	12
112	Temporal and spatial scales of a highâ€flux electron disturbance in the cusp region: Cluster observations. Journal of Geophysical Research: Space Physics, 2014, 119, 4536-4543.	0.8	12
113	Cluster observations of quasi-periodic impulsive signatures in the dayside northern lobe: High-latitude flux transfer events?. Journal of Geophysical Research, 2004, 109, .	3.3	11
114	Relating near-Earth observations of an interplanetary coronal mass ejection to the conditions at its site of origin in the solar corona. Geophysical Research Letters, 2005, 32, .	1.5	11
115	Instabilities driven by ion shell distributions observed by Cluster in the midaltitude plasma sheet boundary layer. Journal of Geophysical Research, 2006, 111, .	3.3	11
116	Energy input from the exterior cusp into the ionosphere: Correlated ground-based and satellite observations. Geophysical Research Letters, 2007, 34, .	1.5	11
117	On the multispacecraft determination of periodic surface wave phase speeds and wavelengths. Journal of Geophysical Research, 2010, 115, .	3.3	11
118	Temporal evolution and electric potential structure of the auroral acceleration region from multispacecraft measurements. Journal of Geophysical Research, 2012, 117, .	3.3	11
119	<i>In-situ</i> observations of flux ropes formed in association with a pair of spiral nulls in magnetotail plasmas. Physics of Plasmas, 2016, 23, .	0.7	11
120	Ionospheric signatures of plasma injections in the cusp triggered by solar wind pressure pulses. Journal of Geophysical Research, 2005, 110, .	3.3	10
121	Local fieldâ€aligned currents in the magnetotail and ionosphere as observed by a Cluster, Double Star, and MIRACLE conjunction. Journal of Geophysical Research, 2008, 113, .	3.3	10
122	An indication of the existence of a solar wind strahl at 10â€%AU. Geophysical Research Letters, 2013, 40, 2495-2499.	1.5	10
123	Cluster Observations of the Magnetospheric Low-Latitude Boundary Layer and Cusp during Extreme Solar Wind and Interplanetary Magnetic Field Conditions: II. 7 November 2004 ICME and Statistical Survey. Solar Physics, 2007, 244, 233-261.	1.0	9
124	First measurements of electron vorticity in the foreshock and solar wind. Annales Geophysicae, 2010, 28, 2187-2200.	0.6	9
125	Inner plasma structure of the lowâ€latitude reconnection layer. Journal of Geophysical Research, 2012, 117, .	3.3	9
126	AlfvÃ©n: magnetosphereâ€ionosphere connection explorers. Experimental Astronomy, 2012, 33, 445-489.	1.6	9

#	ARTICLE	IF	CITATIONS
127	Substructures within a dipolarization front revealed by high-temporal resolution Cluster observations. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 5185-5202.	0.8	9
128	A sequence of flux transfer events potentially generated by different generation mechanisms. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 8624-8639.	0.8	9
129	Cluster observations of ULF waves with pulsating electron beams above the high latitude dusk-side auroral region. <i>Geophysical Research Letters</i> , 2004, 31, n/a-n/a.	1.5	8
130	Unusual Location of the Geotail Magnetopause Near Lunar Orbit: A Case Study. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027401.	0.8	8
131	Thin Current Sheet Behind the Dipolarization Front. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029518.	0.8	8
132	The Stability of the Electron Strahl against the Oblique Fast-magnetosonic/Whistler Instability in the Inner Heliosphere. <i>Astrophysical Journal Letters</i> , 2022, 926, L26.	3.0	8
133	Motion of auroral ion outflow structures observed with CLUSTER and IMAGE FUV. <i>Journal of Geophysical Research</i> , 2002, 107, SMP 17-1-SMP 17-11.	3.3	7
134	Global MHD simulation of flux transfer events at the high-latitude magnetopause observed by the Cluster spacecraft and the SuperDARN radar system. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	7
135	Evidence of transient reconnection in the outflow jet of primary reconnection site. <i>Annales Geophysicae</i> , 2014, 32, 239-248.	0.6	7
136	Spatial Distribution and Semiannual Variation of Cold-Dense Plasma Sheet. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 464-472.	0.8	7
137	Simultaneous acceleration and pitch angle scattering of field-aligned electrons observed by the LEPA on CRRES. <i>Journal of Geophysical Research</i> , 2002, 107, SMP 1-1-SMP 1-9.	3.3	6
138	Simultaneous FAST and Double Star TC1 observations of broadband electrons during a storm time substorm. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	6
139	Multispacecraft Observations of Auroral Acceleration by Cluster. <i>Geophysical Monograph Series</i> , 0, , 261-270.	0.1	6
140	Modeling, Analysis, and Interpretation of Photoelectron Energy Spectra at Enceladus Observed by Cassini. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 287-296.	0.8	5
141	Observations of a Unique Cusp Signature at Low and Mid Altitudes. <i>Surveys in Geophysics</i> , 2005, 26, 307-339.	2.1	4
142	Interferometric identification of ion acoustic broadband waves in the auroral region: CLUSTER observations. <i>Geophysical Research Letters</i> , 2005, 32, .	1.5	4
143	A phase locking mechanism for nongyrotropic electron distributions upstream of the Earth's bow shock. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	4
144	Shell-instability generated waves by low energy electrons on converging magnetic field lines. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	4

#	ARTICLE	IF	CITATIONS
145	Response of the magnetosheathâ€cusp region to a coronal mass ejection. Journal of Geophysical Research, 2007, 112, .	3.3	4
146	Cluster Observations of the Magnetospheric Low-Latitude Boundary Layer and Cusp during Extreme Solar Wind and Interplanetary Magnetic Field Conditions: I. 10 November 2004 ICME. Solar Physics, 2007, 244, 201-232.	1.0	4
147	Structure of the near-Earth plasma sheet during tailward flows. Annales Geophysicae, 2008, 26, 709-724.	0.6	4
148	Boundary layer plasma flows from highâ€clatitude reconnection in the summer hemisphere for northward IMF: THEMIS multiâ€cpoint observations. Geophysical Research Letters, 2009, 36, .	1.5	4
149	Observations of electron vorticity in the inner plasma sheet. Annales Geophysicae, 2011, 29, 1517-1527.	0.6	4
150	Cluster observations of a transient signature in the magnetotail: implications for the mode of reconnection. Annales Geophysicae, 2011, 29, 2131-2146.	0.6	4
151	Influence of the IMF Cone Angle on Invariant Latitudes of Polar Region Footprints of FACs in the Magnetotail: Cluster Observation. Journal of Geophysical Research: Space Physics, 2018, 123, 2588-2597.	0.8	4
152	A three-dimensional model of spiral null pair to form ion-scale flux ropes in magnetic reconnection region observed by Cluster. Physics of Plasmas, 2019, 26, 112901.	0.7	4
153	Coordinated Cluster and Double Star observations of the dayside magnetosheath and magnetopause at different latitudes near noon. Journal of Geophysical Research, 2008, 113, .	3.3	3
154	Solar wind entry via flux tube into magnetosphere observed by Cluster measurements at dayside magnetopause during southward IMF. Science in China Series D: Earth Sciences, 2009, 52, 2104-2111.	0.9	3
155	Reply to comment by H. Hasegawa on â€œEvolution of Kelvinâ€cHelmholtz activity on the dusk flank magnetopauseâ€c. Journal of Geophysical Research, 2009, 114, .	3.3	3
156	Saturn's low-latitude boundary layer: 2. Electron structure. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	3
157	Characteristics of the Taylor microscale in the solar wind/foreshock: magnetic field and electron velocity measurements. Annales Geophysicae, 2013, 31, 2063-2075.	0.6	3
158	Surveys on magnetospheric plasmas based on the Double Star Project (DSP) exploration. Science in China Series D: Earth Sciences, 2008, 51, 1639-1647.	0.9	2
159	Oscillation of electron counts at 500 eV downstream of the quasiâ€cperpendicular bow shock. Journal of Geophysical Research, 2008, 113, .	3.3	2
160	Cluster observations of energetic ionospheric ion beams in the auroral region: Acceleration and associated energy-dispersed precipitation. Geophysical Research Letters, 2006, 33, .	1.5	1
161	Multipoint observations of plasma distributions around an X line. , 2009, , .		1
162	On The Propagation And Modulation Of Electrostatic Solitary Waves Observed Near The Magnetopause On Cluster. AIP Conference Proceedings, 2011, , .	0.3	1

#	ARTICLE	IF	CITATIONS
163	IMPALAS: Investigation of MagnetoPause Activity using Longitudinally-Aligned Satellitesâ€”a mission concept proposed for the ESA M3 2020/2022 launch. <i>Experimental Astronomy</i> , 2012, 33, 365-401.	1.6	0
164	Fast and Accurate Inflight Calculations of Electron Space Plasma Parameters. <i>Geophysical Monograph Series</i> , 0, , 275-280.	0.1	0
165	Impact of the Solar Wind Dynamic Pressure on the Fieldâ€”Aligned Currents in the Magnetotail: Cluster Observation. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, .	0.8	0