

M W Dunlop

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

348
papers

10,092
citations

47
h-index

83
g-index

360
ext. papers

10,862
ext. citations

4
avg, IF

5.34
L-index

#	Paper	IF	Citations
348	Curlometer Technique and Applications. <i>Journal of Geophysical Research: Space Physics</i> , 2021 , 126, e2021JA029538	1.1	0
347	Multispacecraft Measurements in the Magnetosphere. <i>Geophysical Monograph Series</i> , 2021 , 637-656	1.1	0
346	A General Algorithm for the Linear and Quadratic Gradients of Physical Quantities Based on 10 or More Point Measurements. <i>Journal of Geophysical Research: Space Physics</i> , 2021 , 126, e2021JA029121	2.6	2
345	Intense dB/dt Variations Driven by Near-Earth Bursty Bulk Flows (BBFs): A Case Study. <i>Geophysical Research Letters</i> , 2021 , 48, e2020GL091781	4.9	4
344	Observation of Nonuniform Energy Dissipation in the Electron Diffusion Region of Magnetopause Reconnection. <i>Geophysical Research Letters</i> , 2021 , 48, e2020GL091928	4.9	1
343	Nonlinear Magnetic Gradients and Complete Magnetic Geometry From Multispacecraft Measurements. <i>Journal of Geophysical Research: Space Physics</i> , 2021 , 126, e2020JA028846	2.6	1
342	20 Years of Cluster Observations: The Magnetopause. <i>Journal of Geophysical Research: Space Physics</i> , 2021 , 126, e2021JA029362	2.6	1
341	Unusual Location of the Geotail Magnetopause Near Lunar Orbit: A Case Study. <i>Journal of Geophysical Research: Space Physics</i> , 2020 , 125, e2019JA027401	2.6	2
340	Energy Budget of High-speed Plasma Flows in the Terrestrial Magnetotail. <i>Astrophysical Journal</i> , 2020 , 894, 16	4.7	0
339	Identification of the Nature of Electromagnetic Waves near the Proton-cyclotron Frequency in Solar-terrestrial Plasmas. <i>Astrophysical Journal</i> , 2020 , 890, 17	4.7	4
338	Modulation of ionospheric outflow ions by EMIC waves in the dayside outer magnetosphere. <i>Physics of Plasmas</i> , 2020 , 27, 032902	2.1	2
337	Cluster and MMS Simultaneous Observations of Magnetosheath High Speed Jets and Their Impact on the Magnetopause. <i>Frontiers in Astronomy and Space Sciences</i> , 2020 , 6,	3.8	12
336	AME: A Cross-Scale Constellation of CubeSats to Explore Magnetic Reconnection in the Solar-Terrestrial Relation. <i>Frontiers in Physics</i> , 2020 , 8,	3.9	5
335	ESA Field-Aligned Currents Methodology Inter-comparison Exercise 2020 , 167-188		0
334	Determination of the Configurations of Boundaries in Space. <i>Journal of Geophysical Research: Space Physics</i> , 2020 , 125, e2020JA028163	2.6	1
333	MMS Observation of Secondary Magnetic Reconnection Beside Ion-Scale Flux Rope at the Magnetopause. <i>Geophysical Research Letters</i> , 2020 , 47, e2020GL089075	4.9	5
332	Ion and Electron Dynamics in the Presence of Mirror, Electromagnetic Ion Cyclotron, and Whistler Waves. <i>Astrophysical Journal</i> , 2019 , 883, 185	4.7	7

331	Dimensionality, Coordinate System and Reference Frame for Analysis of In-Situ Space Plasma and Field Data. <i>Space Science Reviews</i> , 2019 , 215, 1	7.5	30
330	Electron Sublayers and the Associated Magnetic Topologies in the Inner Low-Latitude Boundary Layer. <i>Geophysical Research Letters</i> , 2019 , 46, 5746-5753	4.9	1
329	Large-Amplitude Electromagnetic Ion Cyclotron Waves and Density Fluctuations in the Flank of the Earth's Magnetosheath. <i>Geophysical Research Letters</i> , 2019 , 46, 4545-4553	4.9	7
328	Magnetospheric Multiscale Observations of ULF Waves and Correlated Low-Energy Ion Monoenergetic Acceleration. <i>Journal of Geophysical Research: Space Physics</i> , 2019 , 124, 2788	2.6	4
327	Magnetospheric Multiscale Observation of Kinetic Signatures in the Alfvén Vortex. <i>Astrophysical Journal Letters</i> , 2019 , 871, L22	7.9	19
326	South-North Hemispheric Asymmetry of the FAE Distribution Around the Cusp Region: Cluster Observation. <i>Journal of Geophysical Research: Space Physics</i> , 2019 , 124, 5342-5352	2.6	2
325	Signatures of Magnetic Separatrices at the Borders of a Crater Flux Transfer Event Connected to an Active X-Line. <i>Journal of Geophysical Research: Space Physics</i> , 2019 , 124, 8600-8616	2.6	4
324	A three-dimensional model of spiral null pair to form ion-scale flux ropes in magnetic reconnection region observed by Cluster. <i>Physics of Plasmas</i> , 2019 , 26, 112901	2.1	3
323	Magnetic Nulls in the Reconnection Driven by Turbulence. <i>Astrophysical Journal</i> , 2018 , 852, 17	4.7	25
322	Multipoint Analysis of Electric Currents in Geospace Using the Curlometer Technique. <i>Geophysical Monograph Series</i> , 2018 , 67-80	1.1	12
321	Influence of the IMF Cone Angle on Invariant Latitudes of Polar Region Footprints of FACs in the Magnetotail: Cluster Observation. <i>Journal of Geophysical Research: Space Physics</i> , 2018 , 123, 2588-2597	2.6	1
320	Observations of the step-like accelerating processes of cold ions in the reconnection layer at the dayside magnetopause. <i>Science Bulletin</i> , 2018 , 63, 31-37	10.6	6
319	Terrestrial Ring Current. <i>Geophysical Monograph Series</i> , 2018 , 115-126	1.1	2
318	Carriers and Sources of Magnetopause Current: MMS Case Study. <i>Journal of Geophysical Research: Space Physics</i> , 2018 , 123, 5464-5475	2.6	8
317	The Distribution of Two Flapping Types of Magnetotail Current Sheet: Implication for the Flapping Mechanism. <i>Journal of Geophysical Research: Space Physics</i> , 2018 , 123, 7413-7423	2.6	11
316	Statistical Correlation Analysis of Field-Aligned Currents Measured by Swarm. <i>Journal of Geophysical Research: Space Physics</i> , 2018 , 123, 8170-8184	2.6	4
315	Modulation of Ion and Electron Pitch Angle in the Presence of Large-amplitude, Low-frequency, Left-hand Circularly Polarized Electromagnetic Waves Observed by MMS. <i>Astrophysical Journal</i> , 2018 , 867, 58	4.7	9
314	Structure and evolution of flux transfer events near dayside magnetic reconnection dissipation region: MMS observations. <i>Geophysical Research Letters</i> , 2017 , 44, 5951-5959	4.9	19

313	Distribution of Field-Aligned Electron Events in the High-Altitude Polar Region: Cluster Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2017 , 122, 11,245-11,255	2.6	2
312	The evolution of geomagnetotail magnetic flux in isolated substorms. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2017 , 164, 163-171	2	
311	Energy budget during an isolated substorm using measurements of multi satellites and geomagnetic indices. <i>Astrophysics and Space Science</i> , 2017 , 362, 1	1.6	
310	Polar cap patch transportation beyond the classic scenario. <i>Journal of Geophysical Research: Space Physics</i> , 2016 , 121, 9063-9074	2.6	16
309	Earth's ion upflow associated with polar cap patches: Global and in situ observations. <i>Geophysical Research Letters</i> , 2016 , 43, 1845-1853	4.9	28
308	Compressible turbulence with slow-mode waves observed in the bursty bulk flow of plasma sheet. <i>Geophysical Research Letters</i> , 2016 , 43, 1854-1861	4.9	17
307	Temporal evolutions of the solar wind conditions at 1 AU prior to the near-Earth X lines in the tail: Superposed epoch analysis. <i>Journal of Geophysical Research: Space Physics</i> , 2016 , 121, 7488-7496	2.6	2
306	Identifying magnetic reconnection events using the FOTE method. <i>Journal of Geophysical Research: Space Physics</i> , 2016 , 121, 1263-1272	2.6	48
305	Solar wind plasma entry observed by cluster in the high-latitude magnetospheric lobes. <i>Journal of Geophysical Research: Space Physics</i> , 2016 , 121, 4135-4144	2.6	7
304	In-situ observations of flux ropes formed in association with a pair of spiral nulls in magnetotail plasmas. <i>Physics of Plasmas</i> , 2016 , 23, 052901	2.1	10
303	Multi-satellite observations of energy transport during an intense geomagnetic storm. <i>Astrophysics and Space Science</i> , 2016 , 361, 1	1.6	1
302	Evolution of clustered magnetic nulls in a turbulent-like reconnection region in the magnetotail. <i>Science Bulletin</i> , 2016 , 61, 1145-1150	10.6	5
301	Storm time current distribution in the inner equatorial magnetosphere: THEMIS observations. <i>Journal of Geophysical Research: Space Physics</i> , 2016 , 121, 5250-5259	2.6	12
300	Commentary on accessing 3-D currents in space: Experiences from Cluster. <i>Journal of Geophysical Research: Space Physics</i> , 2016 , 121, 7881-7886	2.6	14
299	The particle carriers of field-aligned currents in the Earth's magnetotail during a substorm. <i>Journal of Geophysical Research: Space Physics</i> , 2016 , 121, 3058-3068	2.6	7
298	A statistical study of EMIC waves observed by Cluster: 2. Associated plasma conditions. <i>Journal of Geophysical Research: Space Physics</i> , 2016 , 121, 6458-6479	2.6	35
297	Multispacecraft current estimates at swarm. <i>Journal of Geophysical Research: Space Physics</i> , 2015 , 120, 8307-8316	2.6	22
296	X lines in the magnetotail for southward and northward IMF conditions. <i>Journal of Geophysical Research: Space Physics</i> , 2015 , 120, 7764-7773	2.6	8

295	A statistical study of EMIC waves observed by Cluster: 1. Wave properties. <i>Journal of Geophysical Research: Space Physics</i> , 2015 , 120, 5574-5592	2.6	102
294	Robust statistical properties of the size of large burst events in AE. <i>Geophysical Research Letters</i> , 2015 , 42, 9197-9202	4.9	8
293	Hall and finite Larmor radius effects on the dipolarization fronts associated with interchange instability. <i>Geophysical Research Letters</i> , 2015 , 42, 10,099	4.9	11
292	Parallel-dominant and perpendicular-dominant components of the fast bulk flow: Comparing with the PSBL beams. <i>Journal of Geophysical Research: Space Physics</i> , 2015 , 120, 9500-9512	2.6	3
291	Statistical characteristics of slow earthward and tailward flows in the plasma sheet. <i>Journal of Geophysical Research: Space Physics</i> , 2015 , 120, 6199-6206	2.6	7
290	Whistler mode wave generation at the edges of a magnetic dip. <i>Journal of Geophysical Research: Space Physics</i> , 2015 , 120, 2469-2476	2.6	14
289	Simultaneous field-aligned currents at Swarm and Cluster satellites. <i>Geophysical Research Letters</i> , 2015 , 42, 3683-3691	4.9	23
288	Earthward and tailward flows in the plasma sheet. <i>Journal of Geophysical Research: Space Physics</i> , 2015 , 120, 4487-4495	2.6	2
287	Direct calculation of the ring current distribution and magnetic structure seen by Cluster during geomagnetic storms. <i>Journal of Geophysical Research: Space Physics</i> , 2014 , 119, 2458-2465	2.6	25
286	Dependence of IMF By penetration into the neutral sheet on IMF Bz and geomagnetic activity. <i>Journal of Geophysical Research: Space Physics</i> , 2014 , 119, 5279-5285	2.6	17
285	The force-free configuration of flux ropes in geomagnetotail: Cluster observations. <i>Journal of Geophysical Research: Space Physics</i> , 2014 , 119, 6327-6341	2.6	19
284	IMF By-controlled field-aligned currents in the magnetotail during northward interplanetary magnetic field. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2014 , 115-116, 52-58	2	0
283	Testing linear theory of EMIC waves in the inner magnetosphere: Cluster observations. <i>Journal of Geophysical Research: Space Physics</i> , 2014 , 119, 1004-1027	2.6	20
282	Turbulence in the Earth's cusp region: The k-filtering analysis. <i>Journal of Geophysical Research: Space Physics</i> , 2014 , 119, 9527-9542	2.6	8
281	Temporal and spatial scales of a high-flux electron disturbance in the cusp region: Cluster observations. <i>Journal of Geophysical Research: Space Physics</i> , 2014 , 119, 4536-4543	2.6	8
280	Solar wind penetration into the high-latitude magnetosphere: Cluster observations 2014 ,		1
279	Energetic electron bursts in the plasma sheet and their relation with BBFs. <i>Journal of Geophysical Research: Space Physics</i> , 2014 , 119, 8902-8915	2.6	42
278	Variation of dependence of the cusp location at different altitude on the dipole tilt. <i>Science Bulletin</i> , 2013 , 58, 3541-3545		

277	Solar wind entry into the high-latitude terrestrial magnetosphere during geomagnetically quiet times. <i>Nature Communications</i> , 2013 , 4, 1466	17.4	53
276	Asymmetry of magnetosheath flows and magnetopause shape during low Alfvén Mach number solar wind. <i>Journal of Geophysical Research: Space Physics</i> , 2013 , 118, 1089-1100	2.6	41
275	Method for inferring the axis orientation of cylindrical magnetic flux rope based on single-point measurement. <i>Journal of Geophysical Research: Space Physics</i> , 2013 , 118, 271-283	2.6	14
274	Multiple bidirectional EMIC waves observed by Cluster at middle magnetic latitudes in the dayside magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2013 , 118, 6266-6278	2.6	32
273	Two different types of plasmoids in the plasma sheet: Cluster multisatellite analysis application. <i>Journal of Geophysical Research: Space Physics</i> , 2013 , 118, 5437-5444	2.6	15
272	Double cusp encounter by Cluster: double cusp or motion of the cusp?. <i>Annales Geophysicae</i> , 2013 , 31, 713-723	2	11
271	Three-dimensional magnetic flux rope structure formed by multiple sequential X-line reconnection at the magnetopause. <i>Journal of Geophysical Research: Space Physics</i> , 2013 , 118, 1904-1911	2.6	35
270	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	4.9	48
269	Influences of the interplanetary magnetic field clock angle and cone angle on the field-aligned currents in the magnetotail. <i>Geophysical Research Letters</i> , 2013 , 40, 5355-5359	4.9	8
268	Impact of measurement uncertainties on universal scaling of MHD turbulence. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 426, 951-955	4.3	11
267	Spatial gradients from irregular, multiple-point spacecraft configurations. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		23
266	Determining the full magnetic field gradient from two spacecraft measurements under special constraints. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		14
265	Electron source associated with dipolarization at the outer boundary of the radiation belts: Non-storm cases. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		9
264	Spectral characteristics of the plasma dispersionless injection during the storm recovery phase on 11 March 1998. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		3
263	Profile of strong magnetic field By component in magnetotail current sheets. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		31
262	Cluster observations of the dusk flank magnetopause near the sash: Ion dynamics and flow-through reconnection. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		8
261	Tailward leap of multiple expansions of the plasma sheet during a moderately intense substorm: THEMIS observations. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		5
260	IMPALAS: Investigation of MagnetoPause Activity using Longitudinally-Aligned Satellites mission concept proposed for the ESA M3 2020/2022 launch. <i>Experimental Astronomy</i> , 2012 , 33, 365-401 ¹⁻³		

259	Alfvén: magnetosphere-ionosphere connection explorers. <i>Experimental Astronomy</i> , 2012 , 33, 445-489	1.3	8
258	Multi-spacecraft observations of earthward flow bursts. <i>Science China Technological Sciences</i> , 2012 , 55, 1305-1311	3.5	5
257	SuperDARN CUTLASS Finland radar observations of high-latitude magnetic reconnections under northward interplanetary magnetic field (IMF) conditions. <i>Science China Technological Sciences</i> , 2012 , 55, 1207-1216	3.5	4
256	Inter-hemispheric asymmetry of dependence of the cusp location on dipole tilt during northward IMF conditions. <i>Annales Geophysicae</i> , 2012 , 30, 21-26	2	6
255	Cluster and TC-1 observation of magnetic holes in the plasma sheet. <i>Annales Geophysicae</i> , 2012 , 30, 583-595		53
254	Spatial distribution of rolled up Kelvin-Helmholtz vortices at Earth's dayside and flank magnetopause. <i>Annales Geophysicae</i> , 2012 , 30, 1025-1035	2	48
253	Inner plasma structure of the low-latitude reconnection layer. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		7
252	Shock-driven variation in ionospheric outflow during the 11 October 2001 moderate storm. <i>Journal of Geophysical Research</i> , 2011 , 116, n/a-n/a		6
251	Conjunction of anti-parallel and component reconnection at the dayside MP: Cluster and Double Star coordinated observation on 6 April 2004. <i>Geophysical Research Letters</i> , 2011 , 38, n/a-n/a	4.9	2
250	Statistical survey on the magnetic structure in magnetotail current sheets. <i>Journal of Geophysical Research</i> , 2011 , 116, n/a-n/a		49
249	The magnetic configuration of the high-latitude cusp and dayside magnetopause under strong magnetic shears. <i>Journal of Geophysical Research</i> , 2011 , 116, n/a-n/a		8
248	A statistical study of EMIC wave-associated He ⁺ energization in the outer magnetosphere: Cluster/CODIF observations. <i>Journal of Geophysical Research</i> , 2011 , 116, n/a-n/a		55
247	On the importance of interplanetary magnetic field By on polar cap patch formation. <i>Journal of Geophysical Research</i> , 2011 , 116,		102
246	The distribution of the ring current: Cluster observations. <i>Annales Geophysicae</i> , 2011 , 29, 1655-1662	2	22
245	Magnetopause reconnection across wide local time. <i>Annales Geophysicae</i> , 2011 , 29, 1683-1697	2	49
244	The statistical studies of the inner boundary of plasma sheet. <i>Annales Geophysicae</i> , 2011 , 29, 289-298	2	15
243	The relations between density of FACs in the plasma sheet boundary layers and Kp index. <i>Science China Technological Sciences</i> , 2011 , 54, 2987-2992	3.5	4
242	Extended magnetic reconnection across the dayside magnetopause. <i>Physical Review Letters</i> , 2011 , 107, 025004	7.4	39

241	Coordinated Cluster/Double Star and ground-based observations of dayside reconnection signatures on 11 February 2004. <i>Annales Geophysicae</i> , 2011 , 29, 1827-1847	2	6
240	Spatial dependence of magnetopause energy transfer: Cluster measurements verifying global simulations. <i>Annales Geophysicae</i> , 2011 , 29, 823-838	2	7
239	Interplanetary magnetic field rotations followed from L1 to the ground: the response of the Earth's magnetosphere as seen by multi-spacecraft and ground-based observations. <i>Annales Geophysicae</i> , 2011 , 29, 1549-1569	2	6
238	Comparison of eight years magnetic field data from Cluster with Tsyganenko models in the inner magnetosphere. <i>Annales Geophysicae</i> , 2010 , 28, 309-326	2	13
237	Applications of the wave kinetic approach: from laser wakefields to drift wave turbulence. <i>Journal of Plasma Physics</i> , 2010 , 76, 903-914	2.7	1
236	Fractal dissipation of small-scale magnetic fluctuations in solar wind turbulence as seen by CLUSTER 2010 ,		2
235	X line distribution determined from earthward and tailward convective bursty flows in the central plasma sheet. <i>Journal of Geophysical Research</i> , 2010 , 115, n/a-n/a		10
234	South-north asymmetry of field-aligned currents in the magnetotail observed by Cluster. <i>Journal of Geophysical Research</i> , 2010 , 115,		24
233	A case study of EMIC wave-associated He ⁺ energization in the outer magnetosphere: Cluster and Double Star 1 observations. <i>Journal of Geophysical Research</i> , 2010 , 115, n/a-n/a		37
232	Geomagnetic signatures of current wedge produced by fast flows in a plasma sheet. <i>Journal of Geophysical Research</i> , 2010 , 115, n/a-n/a		44
231	Evidence for a flux transfer event generated by multiple X-line reconnection at the magnetopause. <i>Geophysical Research Letters</i> , 2010 , 37, n/a-n/a	4.9	109
230	Simultaneous observations of reconnection pulses at Cluster and their effects on the cusp aurora observed at the Chinese Yellow River Station. <i>Journal of Geophysical Research</i> , 2010 , 115, n/a-n/a		14
229	The radial evolution of earthward BBFs during substorm. <i>Science China Earth Sciences</i> , 2010 , 53, 1542-1546		3
228	Cluster observations of high-altitude cusp during multiple fast-turning IMF. <i>Science Bulletin</i> , 2010 , 55, 1178-1185		
227	Double Star: Mission, Instruments and Joint Observations. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , 2010 , 331-346	0.3	1
226	Cusp observations during a sequence of fast IMF <math>B_z</math> reversals. <i>Annales Geophysicae</i> , 2009 , 27, 2721-2737	2	5
225	Global scale-invariant dissipation in collisionless plasma turbulence. <i>Physical Review Letters</i> , 2009 , 103, 075006	7.4	157
224	Properties of Field Aligned Current in Plasma Sheet Boundary Layers in Magnetotail: Cluster Observation. <i>Chinese Physics Letters</i> , 2009 , 26, 029401	1.8	2

223	Solar wind entry via flux tube into magnetosphere observed by Cluster measurements at dayside magnetopause during southward IMF. <i>Science in China Series D: Earth Sciences</i> , 2009 , 52, 2104-2111		3
222	Boundary layer plasma flows from high-latitude reconnection in the summer hemisphere for northward IMF: THEMIS multi-point observations. <i>Geophysical Research Letters</i> , 2009 , 36, n/a-n/a	4.9	3
221	Tracing solar wind plasma entry into the magnetosphere using ion-to-electron temperature ratio. <i>Geophysical Research Letters</i> , 2009 , 36,	4.9	21
220	Statistical analysis of earthward flow bursts in the inner plasma sheet during substorms. <i>Journal of Geophysical Research</i> , 2009 , 114, n/a-n/a		29
219	Vortex-like plasma flow structures observed by Cluster at the boundary of the outer radiation belt and ring current: A link between the inner and outer magnetosphere. <i>Journal of Geophysical Research</i> , 2009 , 114, n/a-n/a		14
218	Energetic electron response to ULF waves induced by interplanetary shocks in the outer radiation belt. <i>Journal of Geophysical Research</i> , 2009 , 114, n/a-n/a		228
217	Reconnection at high latitudes: antiparallel merging. <i>Physical Review Letters</i> , 2009 , 102, 075005	7.4	33
216	Applications of the wave kinetic approach: From laser wakefields to drift wave turbulence). <i>Physics of Plasmas</i> , 2009 , 16, 055904	2.1	11
215	Convective bursty flows in the near-Earth magnetotail inside 13 RE. <i>Journal of Geophysical Research</i> , 2009 , 114, n/a-n/a		14
214	Transverse-scale size of Pc3 ULF waves near the exterior cusp. <i>Journal of Geophysical Research</i> , 2009 , 114, n/a-n/a		1
213	Shape, size, velocity and field-aligned currents of dayside plasma injections: a multi-altitude study. <i>Annales Geophysicae</i> , 2009 , 27, 1251-1266	2	11
212	Cluster and Double Star multipoint observations of a plasma bubble. <i>Annales Geophysicae</i> , 2009 , 27, 725-743		47
211	Multiple cusps during an extended northward IMF period with a significant By component. <i>Journal of Geophysical Research</i> , 2008 , 113, n/a-n/a		12
210	Nonlinear dynamics of foreshock structures: Application of nonlinear autoregressive moving average with exogenous inputs model to Cluster data. <i>Journal of Geophysical Research</i> , 2008 , 113, n/a-n/a		3
209	A magnetic null geometry reconstructed from Cluster spacecraft observations. <i>Journal of Geophysical Research</i> , 2008 , 113, n/a-n/a		27
208	Downward current electron beam observed by Cluster and FAST. <i>Journal of Geophysical Research</i> , 2008 , 113, n/a-n/a		15
207	Cluster observations of crater flux transfer events at the dayside high-latitude magnetopause. <i>Journal of Geophysical Research</i> , 2008 , 113, n/a-n/a		34
206	Magnetotail dipolarization and associated current systems observed by Cluster and Double Star. <i>Journal of Geophysical Research</i> , 2008 , 113, n/a-n/a		13

205	Near-Earth substorm features from multiple satellite observations. <i>Journal of Geophysical Research</i> , 2008 , 113, n/a-n/a		22
204	Reconnection at the dayside magnetopause: Comparisons of global MHD simulation results with Cluster and Double Star observations. <i>Journal of Geophysical Research</i> , 2008 , 113, n/a-n/a		15
203	Phase structure of Pc3 waves observed by Cluster and ground stations near the cusp. <i>Journal of Geophysical Research</i> , 2008 , 113, n/a-n/a		19
202	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, n/a-n/a		27
201	Coordinated Cluster and Double Star observations of the dayside magnetosheath and magnetopause at different latitudes near noon. <i>Journal of Geophysical Research</i> , 2008 , 113, n/a-n/a		2
200	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, n/a-n/a		21
199	Electron structure of the magnetopause boundary layer: Cluster/Double Star observations. <i>Journal of Geophysical Research</i> , 2008 , 113, n/a-n/a		10
198	Cluster observations of electrostatic solitary waves near the Earth's bow shock. <i>Journal of Geophysical Research</i> , 2008 , 113, n/a-n/a		34
197	Flattened current sheet and its evolution in substorms. <i>Journal of Geophysical Research</i> , 2008 , 113, n/a-n/a		40
196	Electron trapping around a magnetic null. <i>Geophysical Research Letters</i> , 2008 , 35,	4.9	32
195	Cluster observations of fast shocks in the magnetosheath launched as a tangential discontinuity with a pressure increase crossed the bow shock. <i>Journal of Geophysical Research</i> , 2008 , 113,		17
194	Multispacecraft and ground-based observations of substorm timing and activations: Two case studies. <i>Journal of Geophysical Research</i> , 2008 , 113, n/a-n/a		18
193	Simulation of zonal flow excitation by drift mode turbulence: applications to tokamaks and the magnetopause. <i>Plasma Physics and Controlled Fusion</i> , 2008 , 50, 124048	2	2
192	Simultaneous Cluster and CUTLASS Observations of FTEs on 11 February 2004. <i>Chinese Journal of Geophysics</i> , 2008 , 51, 1-11		3
191	Simultaneous tracking of reconnected flux tubes: Cluster and conjugate SuperDARN observations on 1 April 2004. <i>Annales Geophysicae</i> , 2008 , 26, 1545-1557	2	10
190	An interpretation for the bipolar electric field structures parallel to the magnetic field observed in the auroral ionosphere. <i>Annales Geophysicae</i> , 2008 , 26, 1431-1437	2	7
189	Lower hybrid waves at the shock front: a reassessment. <i>Annales Geophysicae</i> , 2008 , 26, 699-707	2	21
188	Magnetic configurations of the tilted current sheets in magnetotail. <i>Annales Geophysicae</i> , 2008 , 26, 3525-3543		47

187	Relationship between FAC at plasma sheet boundary layers and AE index during storms from August to October, 2001. <i>Science in China Series D: Earth Sciences</i> , 2008 , 51, 842-848		10
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