Zu-Yin Pu

List of Publications by Year
in descending order

150 papers	4,412 citations	81900 39 h-index	128289 60 g-index
154 all docs	154 docs citations	154 times ranked	2118 citing authors

#	Article	IF	Citations
1	3D Reconnection Geometries With Magnetic Nulls: Multispacecraft Observations and Reconstructions. Journal of Geophysical Research: Space Physics, 2022, 127, .	2.4	4
2	Observations of the Beamâ€Driven Whistler Mode Waves in the Magnetic Reconnection Region at the Dayside Magnetopause. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028525.	2.4	8
3	A General Algorithm for the Linear and Quadratic Gradients of Physical Quantities Based on 10 or More Point Measurements. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029121.	2.4	6
4	Nonlinear Magnetic Gradients and Complete Magnetic Geometry From Multispacecraft Measurements. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028846.	2.4	6
5	A Rotating Azimuthally Distributed Auroral Current System on Saturn Revealed by the Cassini Spacecraft. Astrophysical Journal Letters, 2021, 919, L25.	8.3	3
6	Measurements of the Net Charge Density of Space Plasmas. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029511.	2.4	5
7	Propagation properties of foreshock cavitons: Cluster observations. Science China Technological Sciences, 2020, 63, 173-182.	4.0	10
8	Relativistic Electron Flux Prediction at Geosynchronous Orbit Based on the Neural Network and the Quantile Regression Method. Space Weather, 2020, 18, e2020SW002445.	3.7	13
9	Self-consistent kinetic model of nested electron- and ion-scale magnetic cavities in space plasmas. Nature Communications, 2020, 11, 5616.	12.8	13
10	Unusual Location of the Geotail Magnetopause Near Lunar Orbit: A Case Study. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027401.	2.4	8
11	Cluster Observations on Timeâ€ofâ€Flight Effect of Oxygen Ions in Magnetotail Reconnection Exhaust Region. Geophysical Research Letters, 2020, 47, e2019GL085200.	4.0	1
12	Modulation of Whistler Mode Waves by Ionâ€Scale Waves Observed in the Distant Magnetotail. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027278.	2.4	4
13	Plasmapause surface wave oscillates the magnetosphere and diffuse aurora. Nature Communications, 2020, 11, 1668.	12.8	35
14	Electron Energization and Energy Dissipation in Microscale Electromagnetic Environments. Astrophysical Journal Letters, 2020, 899, L31.	8.3	10
15	On the Relation Between Jovian Aurorae and the Loading/Unloading of the Magnetic Flux: Simultaneous Measurements From Juno, Hubble Space Telescope, and Hisaki. Geophysical Research Letters, 2019, 46, 11632-11641.	4.0	32
16	Electron Dispersion and Parallel Electron Beam Observed Near the Separatrix. Journal of Geophysical Research: Space Physics, 2019, 124, 7494-7504.	2.4	5
17	Dimensionality, Coordinate System and Reference Frame for Analysis of In-Situ Space Plasma and Field Data. Space Science Reviews, 2019, 215, 1.	8.1	46
18	Electron Sublayers and the Associated Magnetic Topologies in the Inner Lowâ€Latitude Boundary Layer. Geophysical Research Letters, 2019, 46, 5746-5753.	4.0	2

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19	Evolution of the Subauroral Polarization Stream Oscillations During the Severe Geomagnetic Storm on 20 November 2003. Geophysical Research Letters, 2019, 46, 599-607.	4.0	6
20	Oxygen Ion Butterfly Distributions Observed in a Magnetotail Dipolarizing Flux Bundle. Journal of Geophysical Research: Space Physics, 2019, 124, 10219-10229.	2.4	2
21	Statistical Study of Energetic Electron Butterfly Pitch Angle Distributions During Magnetic Dip Events. Geophysical Research Letters, 2019, 46, 13621-13629.	4.0	10
22	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.	1.9	4
23	Observation of a Largeâ€Amplitude Slow Magnetosonic Wave in the Magnetosheath. Journal of Geophysical Research: Space Physics, 2019, 124, 10200-10208.	2.4	5
24	Spatial Distribution and Semiannual Variation of Coldâ€Dense Plasma Sheet. Journal of Geophysical Research: Space Physics, 2018, 123, 464-472.	2.4	7
25	Magnetospheric Multiscale Observations of Electron Scale Magnetic Peak. Geophysical Research Letters, 2018, 45, 527-537.	4.0	33
26	Statistical study of ULF waves in the magnetotail by THEMIS observations. Annales Geophysicae, 2018, 36, 1335-1346.	1.6	11
27	Subsidence of Ionospheric Flows Triggered by Magnetotail Magnetic Reconnection During Transpolar Arc Brightening. Journal of Geophysical Research: Space Physics, 2018, 123, 3398-3420.	2.4	9
28	Recurrent Magnetic Dipolarization at Saturn: Revealed by Cassini. Journal of Geophysical Research: Space Physics, 2018, 123, 8502-8517.	2.4	14
29	The Response of the Energy Content of the Outer Electron Radiation Belt to Geomagnetic Storms. Journal of Geophysical Research: Space Physics, 2018, 123, 8227-8240.	2.4	3
30	Observations of Kelvinâ€Helmholtz Waves in the Earth's Magnetotail Near the Lunar Orbit. Journal of Geophysical Research: Space Physics, 2018, 123, 3836-3847.	2.4	13
31	Oxygen Ion Reflection at Earthward Propagating Dipolarization Fronts in the Magnetotail. Journal of Geophysical Research: Space Physics, 2018, 123, 6277-6288.	2.4	7
32	Electron Dynamics in Magnetosheath Mirrorâ€Mode Structures. Journal of Geophysical Research: Space Physics, 2018, 123, 5561-5570.	2.4	33
33	A Comparative Study of the Proton Properties of Magnetospheric Substorms at Earth and Mercury in the Near Magnetotail. Geophysical Research Letters, 2018, 45, 7933-7941.	4.0	14
34	Rotationally driven magnetic reconnection in Saturnâ€™s dayside. Nature Astronomy, 2018, 2, 640-645.	10.1	32
35	Dayside magnetospheric ULF wave frequency modulated by a solar wind dynamic pressure negative impulse. Journal of Geophysical Research: Space Physics, 2017, 122, 1658-1669.	2.4	15
36	Observations of kineticâ€size magnetic holes in the magnetosheath. Journal of Geophysical Research: Space Physics, 2017, 122, 1990-2000.	2.4	70

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37	An explanation of auroral intensification during the substorm expansion phase. Journal of Geophysical Research: Space Physics, 2017, 122, 8560-8576.	2.4	10
38	Relativistic electron's butterfly pitch angle distribution modulated by localized background magnetic field perturbation driven by hot ring current ions. Geophysical Research Letters, 2017, 44, 4393-4400.	4.0	19
39	MESSENGER observations of the energization and heating of protons in the nearâ€Mercury magnetotail. Geophysical Research Letters, 2017, 44, 8149-8158.	4.0	27
40	Two fundamentally different drivers of dipolarizations at Saturn. Journal of Geophysical Research: Space Physics, 2017, 122, 4348-4356.	2.4	22
41	The Radiation Belt Electron Scattering by Magnetosonic Wave: Dependence on Key Parameters. Journal of Geophysical Research: Space Physics, 2017, 122, 12,338.	2.4	23
42	Corotating Magnetic Reconnection Site in Saturnâ€™s Magnetosphere. Astrophysical Journal Letters, 2017, 846, L25.	8.3	23
43	Plasma Sheet Pressure Variations in the Nearâ€Earth Magnetotail During Substorm Growth Phase: THEMIS Observations. Journal of Geophysical Research: Space Physics, 2017, 122, 12,212.	2.4	22
44	Formation of energetic electron butterfly distributions by magnetosonic waves via Landau resonance. Geophysical Research Letters, 2016, 43, 3009-3016.	4.0	88
45	Magnetospheric vortices and their global effect after a solar wind dynamic pressure decrease. Journal of Geophysical Research: Space Physics, 2016, 121, 1071-1077.	2.4	21
46	An EMHD soliton model for smallâ€scale magnetic holes in magnetospheric plasmas. Journal of Geophysical Research: Space Physics, 2016, 121, 4180-4190.	2.4	38
47	Shape and position of Earthâ€™s bow shock near-lunar orbit based on ARTEMIS data. Science China Earth Sciences, 2016, 59, 1700-1706.	5.2	8
48	Propagation of small size magnetic holes in the magnetospheric plasma sheet. Journal of Geophysical Research: Space Physics, 2016, 121, 5510-5519.	2.4	30
49	Electromagnetic disturbances observed near the dip region ahead of dipolarization front. Geophysical Research Letters, 2016, 43, 3026-3034.	4.0	4
50	Understanding the ion distributions near the boundaries of reconnection outflow region. Journal of Geophysical Research: Space Physics, 2016, 121, 9400-9410.	2.4	5
51	Solar wind plasma entry observed by cluster in the highâ€latitude magnetospheric lobes. Journal of Geophysical Research: Space Physics, 2016, 121, 4135-4144.	2.4	10
52	In-situ observations of flux ropes formed in association with a pair of spiral nulls in magnetotail plasmas. Physics of Plasmas, 2016, 23, .	1.9	11
53	Multiple magnetic topologies in flux transfer events: THEMIS measurements. Science China Technological Sciences, 2016, 59, 1283-1293.	4.0	10
54	THEMIS statistical study on the plasma properties of high-speed flows in Earthâ€™s magnetotail. Science China Earth Sciences, 2016, 59, 548-555.	5.2	2

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55	Evolution of clustered magnetic nulls in a turbulent-like reconnection region in the magnetotail. Science Bulletin, 2016, 61, 1145-1150.	9.0	6
56	Origins of the Earthâ€™s Diffuse Auroral Precipitation. Space Science Reviews, 2016, 200, 205-259.	8.1	136
57	Shortâ€term variations of the inner radiation belt in the South Atlantic anomaly. Journal of Geophysical Research: Space Physics, 2015, 120, 4475-4486.	2.4	29
58	MESSENGER observations of magnetospheric substorm activity in Mercury's near magnetotail. Geophysical Research Letters, 2015, 42, 3692-3699.	4.0	50
59	Responses of relativistic electron fluxes in the outer radiation belt to geomagnetic storms. Journal of Geophysical Research: Space Physics, 2015, 120, 9513-9523.	2.4	21
60	MESSENGER observations of AlfvÃ©nic and compressional waves during Mercury's substorms. Geophysical Research Letters, 2015, 42, 6189-6198.	4.0	19
61	Transpolar arc observation after solar wind entry into the highâ€latitude magnetosphere. Journal of Geophysical Research: Space Physics, 2015, 120, 3525-3534.	2.4	18
62	A physical explanation for the magnetic decrease ahead of dipolarization fronts. Annales Geophysicae, 2015, 33, 1301-1309.	1.6	40
63	Phase trapping and phase bunching: Nonlinear acceleration and deceleration of riadation belt electrons. , 2014, , .		0
64	Initial responses of magnetospheric plasma flows to the dynamic pressure enhancements. , 2014, , .		1
65	Oxygen escape from the Earth during geomagnetic reversals: Implications to mass extinction. Earth and Planetary Science Letters, 2014, 394, 94-98.	4.4	56
66	Braking of high-speed flows in the magnetotail: THEMIS joint observations. Science Bulletin, 2014, 59, 326-334.	1.7	7
67	Current reduction in a pseudoâ€breakup event: THEMIS observations. Journal of Geophysical Research: Space Physics, 2014, 119, 8178-8187.	2.4	15
68	Electric fields associated with dipolarization fronts. Journal of Geophysical Research: Space Physics, 2014, 119, 5272-5278.	2.4	33
69	Interactions between magnetosonic waves and radiation belt electrons: Comparisons of quasiâ€linear calculations with test particle simulations. Geophysical Research Letters, 2014, 41, 4828-4834.	4.0	73
70	Interactions of energetic electrons with ULF waves triggered by interplanetary shock: Van Allen Probes observations in the magnetotail. Journal of Geophysical Research: Space Physics, 2014, 119, 8262-8273.	2.4	57
71	EMHD theory and observations of electron solitary waves in magnetotail plasmas. Journal of Geophysical Research: Space Physics, 2014, 119, 4281-4289.	2.4	46
72	The current system associated with the boundary of plasma bubbles. Geophysical Research Letters, 2014, 41, 8169-8175.	4.0	13

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73	Solar wind entry into the high-latitude terrestrial magnetosphere during geomagnetically quiet times. Nature Communications, 2013, 4, 1466.	12.8	68
74	Separator reconnection with antiparallel/component features observed in magnetotail plasmas. Journal of Geophysical Research: Space Physics, 2013, 118, 6116-6126.	2.4	23
75	THEMIS observations of ULF wave excitation in the nightside plasma sheet during sudden impulse events. Journal of Geophysical Research: Space Physics, 2013, 118, 284-298.	2.4	59
76	Current structures associated with dipolarization fronts. Journal of Geophysical Research: Space Physics, 2013, 118, 6980-6985.	2.4	61
77	Threeâ€dimensional magnetic flux rope structure formed by multiple sequential Xâ€line reconnection at the magnetopause. Journal of Geophysical Research: Space Physics, 2013, 118, 1904-1911.	2.4	48
78	Fieldâ€aligned currents associated with dipolarization fronts. Geophysical Research Letters, 2013, 40, 4503-4508.	4.0	53
79	Magnetic topologies of an in vivo FTE observed by Double Star/TCâ€1 at Earth's magnetopause. Geophysical Research Letters, 2013, 40, 3502-3506.	4.0	62
80	Conjugate observations of flow diversion in the magnetotail and auroral arc extension in the ionosphere. Journal of Geophysical Research: Space Physics, 2013, 118, 4811-4816.	2.4	18
81	Cluster and TC-1 observation of magnetic holes in the plasma sheet. Annales Geophysicae, 2012, 30, 583-595.	1.6	64
82	Spatial distribution of rolled up Kelvin-Helmholtz vortices at Earth's dayside and flank magnetopause. Annales Geophysicae, 2012, 30, 1025-1035.	1.6	59
83	Spectral characteristics of the plasma dispersionless injection during the storm recovery phase on 11 March 1998. Journal of Geophysical Research, 2012, 117, .	3.3	4
84	Mechanism of substorm current wedge formation: THEMIS observations. Geophysical Research Letters, 2012, 39, .	4.0	75
85	Pitch angle evolutions of oxygen ions driven by storm time ULF poloidal standing waves. Journal of Geophysical Research, 2011, 116, .	3.3	26
86	Inner magnetosphere plasma characteristics in response to interplanetary shock impacts. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	33
87	Variational symplectic algorithm for guiding center dynamics in the inner magnetosphere. Physics of Plasmas, 2011, 18, 052902.	1.9	13
88	Different boundary layers at the high latitude magnetosphere behind the cusp. , 2011, , .		0
89	Plasma transport processes at the high latitude magnetosphere observed by cluster. , 2011, , .		0
90	Statistical research on the motion properties of the magnetotail current sheet: Cluster observations. Science China Technological Sciences, 2010, 53, 1732-1738.	4.0	15

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91	Electron acceleration by whistler-mode waves around the magnetic null during 3D reconnection. Plasma Physics and Controlled Fusion, 2010, 52, 052001.	2.1	10
92	Cluster-C1 observations on the geometrical structure of linear magnetic holes in the solar wind at 1 AU. Annales Geophysicae, 2010, 28, 1695-1702.	1.6	37
93	THEMIS observations of substorms on 26 February 2008 initiated by magnetotail reconnection. Journal of Geophysical Research, 2010, 115, .	3.3	44
94	A series of plasma flow vortices in the tail plasma sheet associated with solar wind pressure enhancement. Journal of Geophysical Research, 2010, 115, .	3.3	12
95	ULF waves excited by negative/positive solar wind dynamic pressure impulses at geosynchronous orbit. Journal of Geophysical Research, 2010, 115, .	3.3	83
96	Evidence for a flux transfer event generated by multiple Xâ€line reconnection at the magnetopause. Geophysical Research Letters, 2010, 37, .	4.0	126
97	Geomagnetic activity triggered by interplanetary shocks. Journal of Geophysical Research, 2010, 115, .	3.3	66
98	Boundary layer plasma flows from highâ€latitude reconnection in the summer hemisphere for northward IMF: THEMIS multiâ€point observations. Geophysical Research Letters, 2009, 36, .	4.0	4
99	Spatial structures of magnetic depression in the Earth's highâ€altitude cusp: Cluster multipoint observations. Journal of Geophysical Research, 2009, 114, .	3.3	47
100	Cluster observations of the entry layer equatorward of the cusp under northward interplanetary magnetic field. Journal of Geophysical Research, 2009, 114, .	3.3	38
101	Roles of initial current carrier in the distribution of field-aligned current in 3-D Hall MHD simulations. Science in China Series D: Earth Sciences, 2008, 51, 323-336.	0.9	2
102	Multi-spacecraft observations of ULF waves during the recovery phase of magnetic storm on October 30, 2003. Science in China Series D: Earth Sciences, 2008, 51, 1772-1785.	0.9	10
103	Numerical study on ULF waves in a dipole field excited by sudden impulse. Science in China Series D: Earth Sciences, 2008, 51, 1665-1676.	0.9	16
104	Recent progress on ULF wave and its interactions with energetic particles in the inner magnetosphere. Science in China Series D: Earth Sciences, 2008, 51, 1620-1625.	0.9	39
105	Ultra low frequency waves observed by Double Star TC-1 in the plasmasphere boundary layer. Science in China Series D: Earth Sciences, 2008, 51, 1685-1694.	0.9	4
106	Coordinated Cluster/Double Star observations of dayside flux transfer events on 6 April 2004. Science in China Series D: Earth Sciences, 2008, 51, 1611-1619.	0.9	1
107	New progress of Double Star-Cluster joint exploration and study. Science in China Series D: Earth Sciences, 2008, 51, 1565-1579.	0.9	2
108	Ionospheric oxygen ions dominant bursty bulk flows: Cluster and Double Star observations. Journal of Geophysical Research, 2008, 113, .	3.3	18

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109	Multispacecraft and groundâ€based observations of substorm timing and activations: Two case studies. Journal of Geophysical Research, 2008, 113, .	3.3	21
110	Dipolarization Observed by TC1 and Cluster During Substorm in Sep. 14, 2004. Chinese Journal of Geophysics, 2007, 50, 866-876.	0.2	0
111	Energy filter effect for solar wind particle entry to the plasma sheet via flank regions during southward interplanetary magnetic field. Journal of Geophysical Research, 2007, 112, n/a-n/a.	3.3	14
112	A Cluster measurement of fast magnetic reconnection in the magnetotail. Geophysical Research Letters, 2007, 34, .	4.0	42
113	TC1 and Cluster observation of an FTE on 4 January 2005: A close conjunction. Geophysical Research Letters, 2007, 34, .	4.0	16
114	TC-1 observations of flux pileup and dipolarization-associated expansion in the near-Earth magnetotail during substorms. Geophysical Research Letters, 2007, 34, .	4.0	30
115	Ultralow frequency modulation of energetic particles in the dayside magnetosphere. Geophysical Research Letters, 2007, 34, .	4.0	163
116	Global view of dayside magnetic reconnection with the duskâ€dawn IMF orientation: A statistical study for Double Star and Cluster data. Geophysical Research Letters, 2007, 34, .	4.0	60
117	Satellite observations of separator-line geometry of three-dimensional magneticÂreconnection. Nature Physics, 2007, 3, 609-613.	16.7	62
118	Continuous tailward flow in the near-Earth magnetotail observed by TC-1 satellite. Science Bulletin, 2007, 52, 1980-1985.	1.7	0
119	Motion of observed structures calculated from multi-point magnetic field measurements: Application to Cluster. Geophysical Research Letters, 2006, 33, .	4.0	109
120	Multiple triangulation analysis: application to determine the velocity of 2-D structures. Annales Geophysicae, 2006, 24, 3173-3177.	1.6	13
121	Interaction Between CME and Magnetosphere Observed by Cluster on Nov. 6, 2001: (1) Waves Excitation. Proceedings of the International Astronomical Union, 2006, 2, 373.	0.0	0
122	In situ evidence for the structure of the magnetic null in a 3D reconnection event in the Earth's magnetotail. Nature Physics, 2006, 2, 478-483.	16.7	114
123	The secular variation of inner zone high energy proton environment in the SAA. Science in China Series D: Earth Sciences, 2005, 48, 2123.	0.9	3
124	Multiple Flux Rope Events at the High-Latitude Magnetopause: Cluster/Rapid Observation on 26 January, 2001. Surveys in Geophysics, 2005, 26, 193-214.	4.6	28
125	Double Star TC-1 observations of component reconnection at the dayside magnetopause: a preliminary study. Annales Geophysicae, 2005, 23, 2889-2895.	1.6	32
126	Plasmoid in the high latitude boundary/cusp region observed by Cluster. Geophysical Research Letters, 2005, 32, .	4.0	25

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127	Ion composition variations in the plasma sheet observed by Cluster/RAPID. Geophysical Research Letters, 2005, 32, .	4.0	13
128	Dimensional analysis of observed structures using multipoint magnetic field measurements: Application to Cluster. Geophysical Research Letters, 2005, 32, n/a-n/a.	4.0	133
129	Variations of N+/O+in the ring current during magnetic storms. Geophysical Research Letters, 2005, 32, .	4.0	15
130	Continuous lobe reconnection in the mid-tail and its relationship to substorms: Cluster observations of continuous lobe reconnection in the mid-magneto tail. Science Bulletin, 2005, 50, 2057-2063.	9.0	1
131	Cluster observations of earthward flowing plasmoid in the tail. Geophysical Research Letters, 2004, 31, .	4.0	128
132	Inferring of flux rope orientation with the minimum variance analysis technique. Journal of Geophysical Research, 2004, 109, .	3.3	63
133	Periodic magnetospheric substorms and their relationship with solar wind variations. Journal of Geophysical Research, 2003, 108, .	3.3	73
134	Effects of Geomagnetic and Solar Activities on the Composition and Position of the Ring Current Ion. Chinese Journal of Geophysics, 2003, 46, 1041-1049.	0.2	3
135	Composition signatures in ion injections and its dependence on geomagnetic conditions. Journal of Geophysical Research, 2002, 107, SMP 14-1.	3.3	36
136	Ion composition variations in the inner magnetosphere: Individual and collective storm effects in 1991. Journal of Geophysical Research, 2001, 106, 29683-29704.	3.3	50
137	Ion Composition Variations in Intense Magnetic Storms and their Relation to Storm Evolution. Chinese Journal of Geophysics, 2001, 44, 1-12.	0.2	14
138	A preliminary exploration of the mechanism for the occurrence of two types of various magnetic structures in the magnetotail. Science Bulletin, 2001, 46, 981-986.	1.7	4
139	The pitch angle distribution transition of energetic particles at substorm onset observed by GEOS-2. Geophysical Research Letters, 2000, 27, 645-648.	4.0	2
140	Ballooning instability in the presence of a plasma flow: A synthesis of tail reconnection and current disruption models for the initiation of substorms. Journal of Geophysical Research, 1999, 104, 10235-10248.	3.3	53
141	MHD drift ballooning instability near the inner edge of the nearâ€Earth plasma sheet and its application to substorm onset. Journal of Geophysical Research, 1997, 102, 14397-14406.	3.3	62
142	Tailward flowing energetic oxygen ion bursts associated with multiple flux ropes in the distant magnetotail: GEOTAil observations. Geophysical Research Letters, 1995, 22, 3267-3270.	4.0	44
143	Vortex-induced reconnection and turbulent reconnection in magnetospheric boundary regions. Geophysical Monograph Series, 1995, , 181-188.	0.1	1
144	Kinetic alfven wave instability and wave-particle interaction at the magnetopause. Geophysical Monograph Series, 1995, , 73-76.	0.1	0

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145	Coupling of the tearing mode instability with K-H instability at the magnetopause. Geophysical Monograph Series, 1990, , 493-498.	0.1	2
146	The asymptotic quasi-static state of the vortex induced tearing mode instability at the magnetopause. Geophysical Monograph Series, 1990, , 499-505.	0.1	1
147	Nonadiabatic ion diamagnetic drift instability in the neutral sheet. Geophysical Research Letters, 1990, 17, 741-744.	4.0	1
148	Kelvin:Helmholtz Instability at the magnetopause: Solution for compressible plasmas. Journal of Geophysical Research, 1983, 88, 841-852.	3.3	206
149	A Statistical Study of Substorm Onset Conditions at Geostationary Orbit. Geophysical Monograph Series, 0, , 343-351.	0.1	33
150	Energetic electron microinjections observed by MMS in the dusk plasma sheet and drift resonance interpretation. Geophysical Research Letters, 0, , .	4.0	0