

List of Publications by Citations

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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.

195
papers

3,355
citations

31
h-index

45
g-index

211
ext. papers

4,062
ext. citations

3.7
avg, IF

5.48
L-index

#	Paper	IF	Citations
195	The process of electron acceleration during collisionless magnetic reconnection. <i>Physics of Plasmas</i> , 2006 , 13, 012309	2.1	173
194	In situ observations of a secondary magnetic island in an ion diffusion region and associated energetic electrons. <i>Physical Review Letters</i> , 2010 , 104, 175003	7.4	108
193	Magnetic reconnection in the near Venusian magnetotail. <i>Science</i> , 2012 , 336, 567-70	33.3	87
192	Coalescence of magnetic flux ropes in the ion diffusion region of magnetic reconnection. <i>Nature Physics</i> , 2016 , 12, 263-267	16.2	85
191	The mechanisms of electron acceleration in antiparallel and guide field magnetic reconnection. <i>Physics of Plasmas</i> , 2010 , 17, 072306	2.1	79
190	Features of separatrix regions in magnetic reconnection: Comparison of 2-D particle-in-cell simulations and Cluster observations. <i>Journal of Geophysical Research</i> , 2010 , 115, n/a-n/a		69
189	Investigation of storm time magnetotail and ion injection using three-dimensional global hybrid simulation. <i>Journal of Geophysical Research: Space Physics</i> , 2014 , 119, 7413-7432	2.6	60
188	Electrostatic waves in an electron-beam plasma system. <i>Physics of Plasmas</i> , 2005 , 12, 072903	2.1	57
187	A statistical study of electron acceleration behind the dipolarization fronts in the magnetotail. <i>Journal of Geophysical Research: Space Physics</i> , 2013 , 118, 4804-4810	2.6	56
186	Dipolarization fronts as earthward propagating flux ropes: A three-dimensional global hybrid simulation. <i>Journal of Geophysical Research: Space Physics</i> , 2015 , 120, 6286-6300	2.6	55
185	Observations of energetic electrons up to 200 keV associated with a secondary island near the center of an ion diffusion region: A Cluster case study. <i>Journal of Geophysical Research</i> , 2010 , 115, n/a-n/a		52
184	Generation of multiband chorus by lower band cascade in the Earth's magnetosphere. <i>Geophysical Research Letters</i> , 2016 , 43, 2343-2350	4.9	50
183	Multispacecraft observation of electron pitch angle distributions in magnetotail reconnection. <i>Journal of Geophysical Research</i> , 2010 , 115, n/a-n/a		49
182	New evidence for generation mechanisms of discrete and hiss-like whistler mode waves. <i>Geophysical Research Letters</i> , 2014 , 41, 4805-4811	4.9	46
181	Shock front nonstationarity and ion acceleration in supercritical perpendicular shocks. <i>Journal of Geophysical Research</i> , 2009 , 114, n/a-n/a		46
180	THE MECHANISMS OF ELECTRON ACCELERATION DURING MULTIPLE X LINE MAGNETIC RECONNECTION WITH A GUIDE FIELD. <i>Astrophysical Journal</i> , 2016 , 821, 84	4.7	45
179	Heating of ions by low-frequency Alfvén waves. <i>Physics of Plasmas</i> , 2007 , 14, 042303	2.1	44

178	Electron-Scale Quadrants of the Hall Magnetic Field Observed by the Magnetospheric Multiscale spacecraft during Asymmetric Reconnection. <i>Physical Review Letters</i> , 2017 , 118, 175101	7.4	42
177	Electron acceleration in the dipolarization front driven by magnetic reconnection. <i>Journal of Geophysical Research: Space Physics</i> , 2015 , 120, 1759-1765	2.6	42
176	Perpendicular electric field in two-dimensional electron phase-holes: A parameter study. <i>Journal of Geophysical Research</i> , 2008 , 113, n/a-n/a		41
175	Observation of double layer in the separatrix region during magnetic reconnection. <i>Geophysical Research Letters</i> , 2014 , 41, 4851-4858	4.9	38
174	Generation of Multiband Chorus in the Earth's Magnetosphere: 1-D PIC Simulation. <i>Geophysical Research Letters</i> , 2017 , 44, 618-624	4.9	37
173	Magnetotail reconnection onset caused by electron kinetics with a strong external driver. <i>Nature Communications</i> , 2020 , 11, 5049	17.4	37
172	Hall effect control of magnetotail dawn-dusk asymmetry: A three-dimensional global hybrid simulation. <i>Journal of Geophysical Research: Space Physics</i> , 2016 , 121, 11,882-11,895	2.6	37
171	Asymmetry in the current sheet and secondary magnetic flux ropes during guide field magnetic reconnection. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		35
170	Transverse instability and perpendicular electric field in two-dimensional electron phase-space holes. <i>Journal of Geophysical Research</i> , 2010 , 115, n/a-n/a		34
169	ION HEATING BY A SPECTRUM OF OBLIQUELY PROPAGATING LOW-FREQUENCY ALFVÉN WAVES. <i>Astrophysical Journal</i> , 2009 , 704, 743-749	4.7	34
168	The effect of different solar wind parameters upon significant relativistic electron flux dropouts in the magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2015 , 120, 4324-4337	2.6	33
167	Generation of rising-tone chorus in a two-dimensional mirror field by using the general curvilinear PIC code. <i>Journal of Geophysical Research: Space Physics</i> , 2017 , 122, 8154-8165	2.6	32
166	Hybrid simulations of parallel and oblique electromagnetic alpha/proton instabilities in the solar wind. <i>Journal of Geophysical Research</i> , 2006 , 111,		32
165	Two-Dimensional gcPIC Simulation of Rising-Tone Chorus Waves in a Dipole Magnetic Field. <i>Journal of Geophysical Research: Space Physics</i> , 2019 , 124, 4157-4167	2.6	31
164	An Electron-Scale Current Sheet Without Bursty Reconnection Signatures Observed in the Near-Earth Tail. <i>Geophysical Research Letters</i> , 2018 , 45, 4542-4549	4.9	31
163	Statistical results describing the bandwidth and coherence coefficient of whistler mode waves using THEMIS waveform data. <i>Journal of Geophysical Research: Space Physics</i> , 2014 , 119, 8992-9003	2.6	30
162	Magnetic islands formed due to the Kelvin-Helmholtz instability in the outflow region of collisionless magnetic reconnection. <i>Geophysical Research Letters</i> , 2015 , 42, 7282-7286	4.9	30
161	Generation mechanism of electrostatic solitary structures in the Earth's auroral region. <i>Journal of Geophysical Research</i> , 2005 , 110,		30

160	Generation of magnetosonic waves over a continuous spectrum. <i>Journal of Geophysical Research: Space Physics</i> , 2016 , 121, 1137-1147	2.6	30
159	Spectral properties and associated plasma energization by magnetosonic waves in the Earth's magnetosphere: Particle-in-cell simulations. <i>Journal of Geophysical Research: Space Physics</i> , 2017 , 122, 5377-5390	2.6	28
158	Electromagnetic waves downstream of quasi-perpendicular shocks. <i>Journal of Geophysical Research</i> , 2006 , 111,		28
157	The transfer between electron bulk kinetic energy and thermal energy in collisionless magnetic reconnection. <i>Physics of Plasmas</i> , 2013 , 20, 061203	2.1	27
156	Particle-in-cell simulations of whistler waves excited by an electron distribution in space plasma. <i>Journal of Geophysical Research</i> , 2010 , 115, n/a-n/a		27
155	THE INTERACTION OF ALFVEN WAVES WITH PERPENDICULAR SHOCKS. <i>Astrophysical Journal</i> , 2009 , 706, 687-692	4.7	27
154	Effects of magnetic field configuration on the day-night asymmetry of chorus occurrence rate: A numerical study. <i>Geophysical Research Letters</i> , 2014 , 41, 6577-6582	4.9	25
153	Formation of downstream high-speed jets by a rippled nonstationary quasi-parallel shock: 2-D hybrid simulations. <i>Journal of Geophysical Research: Space Physics</i> , 2016 , 121, 2080-2094	2.6	25
152	Impact of the rippling of a perpendicular shock front on ion dynamics. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		24
151	A parametric study for the generation of ion Bernstein modes from a discrete spectrum to a continuous one in the inner magnetosphere. II. Particle-in-cell simulations. <i>Physics of Plasmas</i> , 2016 , 23, 022902	2.1	24
150	Observational evidence of generation mechanisms for very oblique lower band chorus using THEMIS waveform data. <i>Journal of Geophysical Research: Space Physics</i> , 2016 , 121, 6732-6748	2.6	24
149	In situ observations of multistage electron acceleration driven by magnetic reconnection. <i>Journal of Geophysical Research: Space Physics</i> , 2015 , 120, 6320-6331	2.6	23
148	Reformation of rippled quasi-parallel shocks: 2-D hybrid simulations. <i>Journal of Geophysical Research: Space Physics</i> , 2017 , 122, 6385-6396	2.6	22
147	Quasilinear analysis of saturation properties of broadband whistler mode waves. <i>Geophysical Research Letters</i> , 2017 , 44, 8122-8129	4.9	22
146	Formation of power law spectra of energetic electrons during multiple X line magnetic reconnection with a guide field. <i>Physics of Plasmas</i> , 2018 , 25, 072126	2.1	22
145	Interaction of Magnetic Flux Ropes Via Magnetic Reconnection Observed at the Magnetopause. <i>Journal of Geophysical Research: Space Physics</i> , 2017 , 122, 10,436-10,447	2.6	21
144	Transmission of large-amplitude ULF waves through a quasi-parallel shock at Venus. <i>Journal of Geophysical Research: Space Physics</i> , 2014 , 119, 237-245	2.6	21
143	Parametric instability of a monochromatic Alfvén wave: Perpendicular decay in low beta plasma. <i>Physics of Plasmas</i> , 2013 , 20, 072902	2.1	21

142	Observation of multiple sub-cavities adjacent to single separatrix. <i>Geophysical Research Letters</i> , 2013 , 40, 2511-2517	4.9	21
141	Fast tailward flows in the plasma sheet boundary layer during a substorm on 9 March 2008: THEMIS observations. <i>Journal of Geophysical Research</i> , 2011 , 116,		21
140	ION DYNAMICS AT A RIPPLED QUASI-PARALLEL SHOCK: 2D HYBRID SIMULATIONS. <i>Astrophysical Journal</i> , 2016 , 823, 7	4.7	21
139	IMPACT OF PICKUP IONS ON THE SHOCK FRONT NONSTATIONARITY AND ENERGY DISSIPATION OF THE HELIOSPHERIC TERMINATION SHOCK: TWO-DIMENSIONAL FULL PARTICLE SIMULATIONS AND COMPARISON WITH VOYAGER 2 OBSERVATIONS. <i>Astrophysical Journal</i> , 2015 , 809, 28	4.7	20
138	Particle acceleration and generation of diffuse superthermal ions at a quasi-parallel collisionless shock: Hybrid simulations. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		20
137	First report of resonant interactions between whistler mode waves in the Earth's magnetosphere. <i>Geophysical Research Letters</i> , 2017 , 44, 5269-5275	4.9	19
136	Ion Pickup by Finite Amplitude Parallel Propagating Alfvén Waves. <i>Astrophysical Journal</i> , 2007 , 661, L105-L108	4.1	19
135	On the current density reduction ahead of dipolarization fronts. <i>Journal of Geophysical Research: Space Physics</i> , 2016 , 121, 4269-4278	2.6	19
134	A parametric study for the generation of ion Bernstein modes from a discrete spectrum to a continuous one in the inner magnetosphere. I. Linear theory. <i>Physics of Plasmas</i> , 2016 , 23, 022901	2.1	18
133	Electron acceleration in a secondary magnetic island formed during magnetic reconnection with a guide field. <i>Physics of Plasmas</i> , 2017 , 24, 052113	2.1	17
132	A statistical analysis of Pi2-band waves in the plasma sheet and their relation to magnetospheric drivers. <i>Journal of Geophysical Research: Space Physics</i> , 2015 , 120, 6167-6175	2.6	17
131	The shape of the Venusian bow shock at solar minimum and maximum: Revisit based on VEX observations. <i>Planetary and Space Science</i> , 2015 , 109-110, 32-37	2	17
130	In Situ Observations of Harmonic Alfvén Waves and Associated Heavy Ion Heating. <i>Astrophysical Journal</i> , 2018 , 859, 120	4.7	17
129	Statistical Results of the Power Gap Between Lower-Band and Upper-Band Chorus Waves. <i>Geophysical Research Letters</i> , 2019 , 46, 4098-4105	4.9	17
128	Self-reinforcing process of the reconnection electric field in the electron diffusion region and onset of collisionless magnetic reconnection. <i>Plasma Physics and Controlled Fusion</i> , 2013 , 55, 085019	2	17
127	A generalized AZ-non-Maxwellian velocity distribution function for space plasmas. <i>Physics of Plasmas</i> , 2017 , 24, 033702	2.1	16
126	The effect of a guide field on the structures of magnetic islands formed during multiple X line reconnections: Two-dimensional particle-in-cell simulations. <i>Journal of Geophysical Research: Space Physics</i> , 2014 , 119, 798-807	2.6	16
125	The effects of the guide field on the structures of electron density depletions in collisionless magnetic reconnection. <i>Science Bulletin</i> , 2011 , 56, 48-52		16

124	Ion dynamics at supercritical quasi-parallel shocks: Hybrid simulations. <i>Physics of Plasmas</i> , 2012 , 19, 092108	1.8	16
123	He ²⁺ dynamics and ion cyclotron waves in the downstream of quasi-perpendicular shocks: 2-D hybrid simulations. <i>Journal of Geophysical Research: Space Physics</i> , 2014 , 119, 3225-3236	2.6	15
122	The evolution of electron current sheet and formation of secondary islands in guide field reconnection. <i>Nonlinear Processes in Geophysics</i> , 2011 , 18, 727-733	2.9	15
121	Lower Band Cascade of Whistler Waves Excited by Anisotropic Hot Electrons: One-Dimensional PIC Simulations. <i>Journal of Geophysical Research: Space Physics</i> , 2017 , 122, 10,448-10,457	2.6	14
120	Characteristics of electron holes generated in the separatrix region during antiparallel magnetic reconnection. <i>Journal of Geophysical Research: Space Physics</i> , 2014 , 119, 6445-6454	2.6	14
119	Formation of super-Alfvénic electron jets during laser-driven magnetic reconnection at the Shenguang-II facility: particle-in-cell simulations. <i>New Journal of Physics</i> , 2014 , 16, 083021	2.9	14
118	Particle-in-cell simulations of magnetic reconnection in laser-plasma experiments on Shenguang-II facility. <i>Physics of Plasmas</i> , 2013 , 20, 112110	2.1	14
117	Acceleration of heavy ions by perpendicular collisionless shocks: Impact of the shock front nonstationarity. <i>Journal of Geophysical Research</i> , 2011 , 116, n/a-n/a		14
116	The evolution of the electric field at a nonstationary perpendicular shock. <i>Physics of Plasmas</i> , 2009 , 16, 124502	2.1	14
115	Magnetic spectral signatures in the terrestrial plasma depletion layer: Hybrid simulations. <i>Journal of Geophysical Research</i> , 2006 , 111,		14
114	Analyzing EMIC Waves in the Inner Magnetosphere Using Long-Term Van Allen Probes Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2019 , 124, 7402-7412	2.6	13
113	Anisotropic Electron Distributions and Whistler Waves in a Series of the Flux Transfer Events at the Magnetopause. <i>Journal of Geophysical Research: Space Physics</i> , 2019 , 124, 1753-1769	2.6	13
112	Evolution of flux ropes in the magnetotail: A three-dimensional global hybrid simulation. <i>Physics of Plasmas</i> , 2015 , 22, 052901	2.1	13
111	ION DYNAMICS DURING THE PARAMETRIC INSTABILITIES OF A LEFT-HAND POLARIZED ALFVÉN WAVE IN A PROTON-ELECTRON-ALPHA PLASMA. <i>Astrophysical Journal</i> , 2014 , 780, 56	4.7	13
110	A statistical study of the spatial distribution and source-region size of chorus waves using Van Allen Probes data. <i>Annales Geophysicae</i> , 2018 , 36, 867-878	2	13
109	Parametric decay of a parallel propagating monochromatic whistler wave: Particle-in-cell simulations. <i>Physics of Plasmas</i> , 2017 , 24, 012108	2.1	12
108	Role of magnetic field curvature in magnetohydrodynamic turbulence. <i>Physics of Plasmas</i> , 2019 , 26, 072306	3.06	12
107	Unraveling the Correlation Between Chorus Wave and Electron Beam-Like Distribution in the Earth's Magnetosphere. <i>Geophysical Research Letters</i> , 2019 , 46, 11671-11678	4.9	12

106	Velocity distributions of superthermal electrons fitted with a power law function in the magnetosheath: Cluster observations. <i>Journal of Geophysical Research</i> , 2011 , 116,		12
105	Weibel instability and structures of magnetic island in anti-parallel collisionless magnetic reconnection. <i>Physics of Plasmas</i> , 2011 , 18, 072105	2.1	12
104	Electron dynamics in collisionless magnetic reconnection. <i>Science Bulletin</i> , 2011 , 56, 1174-1181		12
103	Lower-Band Monochromatic Chorus Riser Subelement/Wave Packet Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2020 , 125, e2020JA028090	2.6	12
102	Characteristics of quasi-monochromatic ULF waves in the Venusian foreshock. <i>Journal of Geophysical Research: Space Physics</i> , 2016 , 121, 7385-7397	2.6	12
101	Coalescence of magnetic flux ropes observed in the tailward high-speed flows. <i>Journal of Geophysical Research: Space Physics</i> , 2016 , 121, 10,898-10,909	2.6	11
100	The evolution of the magnetic structures in electron phase-space holes: Two-dimensional particle-in-cell simulations. <i>Journal of Geophysical Research</i> , 2011 , 116, n/a-n/a		11
99	Direct evidence of secondary reconnection inside filamentary currents of magnetic flux ropes during magnetic reconnection. <i>Nature Communications</i> , 2020 , 11, 3964	17.4	11
98	Whistler-Mode Waves Trapped by Density Irregularities in the Earth's Magnetosphere. <i>Geophysical Research Letters</i> , 2021 , 48, e2020GL092305	4.9	11
97	Impact of Shock Front Rippling and Self-reformation on the Electron Dynamics at Low-Mach-number Shocks. <i>Astrophysical Journal</i> , 2018 , 857, 36	4.7	10
96	GLOBAL EXPLICIT PARTICLE-IN-CELL SIMULATIONS OF THE NONSTATIONARY BOW SHOCK AND MAGNETOSPHERE. <i>Astrophysical Journal, Supplement Series</i> , 2016 , 225, 13	8	10
95	Generation of Lower Harmonic Magnetosonic Waves Through Nonlinear Wave-Wave Interactions. <i>Geophysical Research Letters</i> , 2018 , 45, 8029-8034	4.9	10
94	In situ observation of magnetic reconnection in the front of bursty bulk flow. <i>Journal of Geophysical Research: Space Physics</i> , 2014 , 119, 9952-9961	2.6	10
93	ELECTROMAGNETIC PROTON/PROTON INSTABILITY AND ITS IMPLICATIONS FOR ION HEATING IN THE EXTENDED FAST SOLAR WIND. <i>Astrophysical Journal</i> , 2013 , 764, 71	4.7	10
92	In Situ Observations of Whistler-Mode Chorus Waves Guided by Density Ducts. <i>Journal of Geophysical Research: Space Physics</i> , 2021 , 126, e2020JA028814	2.6	10
91	Observation of Nongyrotropic Electron Distribution Across the Electron Diffusion Region in the Magnetotail Reconnection. <i>Geophysical Research Letters</i> , 2019 , 46, 14263-14273	4.9	10
90	Two-Dimensional Particle-in-Cell Simulation of Magnetosonic Wave Excitation in a Dipole Magnetic Field. <i>Geophysical Research Letters</i> , 2018 , 45, 8712-8720	4.9	10
89	Development of Turbulent Magnetic Reconnection in a Magnetic Island. <i>Astrophysical Journal</i> , 2017 , 835, 245	4.7	9

88	Formation of high-speed electron jets as the evidence for magnetic reconnection in laser-produced plasma. <i>Physics of Plasmas</i> , 2017 , 24, 041406	2.1	9
87	THE ROLE OF LARGE AMPLITUDE UPSTREAM LOW-FREQUENCY WAVES IN THE GENERATION OF SUPER-THERMAL IONS AT A QUASI-PARALLEL COLLISIONLESS SHOCK: CLUSTER OBSERVATIONS. <i>Astrophysical Journal</i> , 2015 , 808, 2	4.7	9
86	Turbulence-Driven Magnetic Reconnection in the Magnetosheath Downstream of a Quasi-Parallel Shock: A Three-Dimensional Global Hybrid Simulation. <i>Geophysical Research Letters</i> , 2020 , 47, e2019GL085661	4.9	9
85	Electrostatic and electromagnetic fluctuations detected inside magnetic flux ropes during magnetic reconnection. <i>Journal of Geophysical Research: Space Physics</i> , 2016 , 121, 9473-9482	2.6	9
84	Formation of electron kappa distributions due to interactions with parallel propagating whistler waves. <i>Physics of Plasmas</i> , 2014 , 21, 022901	2.1	9
83	Out-of-plane electron currents in magnetic islands formed during collisionless magnetic reconnection. <i>Journal of Geophysical Research: Space Physics</i> , 2013 , 118, 991-996	2.6	9
82	Impact of the nonstationarity of a supercritical perpendicular collisionless shock on the dynamics and energy spectra of pickup ions. <i>Journal of Geophysical Research</i> , 2011 , 116, n/a-n/a		9
81	Statistical Evidence for EMIC Wave Excitation Driven by Substorm Injection and Enhanced Solar Wind Pressure in the Earth's Magnetosphere: Two Different EMIC Wave Sources. <i>Geophysical Research Letters</i> , 2020 , 47, e2020GL090275	4.9	9
80	Nonideal Electric Field Observed in the Separatrix Region of a Magnetotail Reconnection Event. <i>Geophysical Research Letters</i> , 2019 , 46, 10744-10753	4.9	8
79	Formation of electron energy spectra during magnetic reconnection in laser-produced plasma. <i>Physics of Plasmas</i> , 2017 , 24, 102101	2.1	8
78	Kinetic simulations of the structures of magnetic island in multiple X line guide field reconnection. <i>Physics of Plasmas</i> , 2012 , 19, 042111	2.1	8
77	Density Depletion in a Coronal Flux Tube Associated With Solar Radio Emission. <i>Solar Physics</i> , 2006 , 235, 317-329	2.6	8
76	Current sheet flapping motions in the tailward flow of magnetic reconnection. <i>Journal of Geophysical Research: Space Physics</i> , 2016 , 121, 7817-7827	2.6	8
75	Gap Formation Around 0.5 ω_{pe} of Whistler-Mode Waves Excited by Electron Temperature Anisotropy. <i>Journal of Geophysical Research: Space Physics</i> , 2021 , 126, e2020JA028631	2.6	8
74	Statistical Results of Multiband Chorus by Using THEMIS Waveform Data. <i>Journal of Geophysical Research: Space Physics</i> , 2018 , 123, 5506-5515	2.6	7
73	Intense Cross-Tail Field-Aligned Currents in the Plasma Sheet at Lunar Distances. <i>Geophysical Research Letters</i> , 2018 , 45, 4610-4617	4.9	7
72	Modeling radiation belt dynamics using a 3-D layer method code. <i>Journal of Geophysical Research: Space Physics</i> , 2017 , 122, 8642-8658	2.6	7
71	The evolution of the ion diffusion region during collisionless magnetic reconnection in a force-free current sheet. <i>Physics of Plasmas</i> , 2015 , 22, 092110	2.1	7

70	Magnetic ramp scale at supercritical perpendicular collisionless shocks: Full particle electromagnetic simulations. <i>Physics of Plasmas</i> , 2013 , 20, 092116	2.1	7
69	Heating of the background plasma by obliquely propagating Alfvén waves excited in the electromagnetic alpha/proton instability. <i>Physics of Plasmas</i> , 2012 , 19, 032901	2.1	7
68	Scaling of Magnetic Reconnection With a Limited X-Line Extent. <i>Geophysical Research Letters</i> , 2020 , 47, e2020GL088147	4.9	6
67	Nonlinear Evolution of Counter-Propagating Whistler Mode Waves Excited by Anisotropic Electrons Within the Equatorial Source Region: 1-D PIC Simulations. <i>Journal of Geophysical Research: Space Physics</i> , 2018 , 123, 1200-1207	2.6	6
66	Transverse instability and magnetic structures associated with electron phase space holes. <i>Physics of Plasmas</i> , 2011 , 18, 032104	2.1	6
65	Comment on Heating of ions by low-frequency Alfvén waves in partially ionized plasmas [Phys. Plasmas 18, 030702 (2011)]. <i>Physics of Plasmas</i> , 2011 , 18, 084703	2.1	6
64	Generation of harmonic Alfvén waves and its implications to heavy ion heating in the solar corona: Hybrid simulations. <i>Physics of Plasmas</i> , 2020 , 27, 012901	2.1	6
63	The structures of magnetic islands formed during collisionless magnetic reconnections in a force-free current sheet. <i>Physics of Plasmas</i> , 2016 , 23, 112106	2.1	6
62	Theoretical analysis on lower band cascade as a mechanism for multiband chorus in the Earth's magnetosphere. <i>AIP Advances</i> , 2018 , 8, 055003	1.5	6
61	Energy Budgets From Collisionless Magnetic Reconnection Site to Reconnection Front. <i>Journal of Geophysical Research: Space Physics</i> , 2021 , 126, e2021JA029712	2.6	6
60	Study of a magnetically driven reconnection platform using ultrafast proton radiography. <i>Physics of Plasmas</i> , 2019 , 26, 062113	2.1	5
59	A Parametric Study of the Structure of Hall Magnetic Field Based on Kinetic Simulations. I. Anti-parallel Magnetic Reconnection in an Asymmetric Current Sheet. <i>Astrophysical Journal</i> , 2019 , 877, 155	4.7	5
58	In Situ Observations of the Formation of Periodic Collisionless Plasma Shocks from Fast Mode Waves. <i>Astrophysical Journal Letters</i> , 2020 , 888, L17	7.9	5
57	Quadrupolar and hexapolar Hall magnetic field during asymmetric magnetic reconnection without a guide field. <i>Physics of Plasmas</i> , 2018 , 25, 062120	2.1	5
56	Particle-in-cell simulations of magnetically driven reconnection using laser-powered capacitor coils. <i>Physics of Plasmas</i> , 2018 , 25, 052104	2.1	5
55	The magnetic structures of electron phase-space holes formed in the electron two-stream instability. <i>Astrophysics and Space Science</i> , 2012 , 338, 81-85	1.6	5
54	Observational Evidence for Whistler Mode Waves Guided/Ducted by the Inner and Outer Edges of the Plasmopause. <i>Geophysical Research Letters</i> , 2021 , 48, e2021GL092652	4.9	5
53	The Effects of Thermal Electrons on Whistler Mode Waves Excited by Anisotropic Hot Electrons: Linear Theory and 2-D PIC Simulations. <i>Journal of Geophysical Research: Space Physics</i> , 2019 , 124, 5234-5245	2.6	4

52	Two-stage acceleration of interstellar ions driven by high-energy lepton plasma flows. <i>Science China: Physics, Mechanics and Astronomy</i> , 2015 , 58, 1	3.6	4
51	Physical Implication of Two Types of Reconnection Electron Diffusion Regions With and Without Ion-Coupling in the Magnetotail Current Sheet. <i>Geophysical Research Letters</i> , 2020 , 47, e2020GL088761	4.9	4
50	The Quasi-monochromatic ULF Wave Boundary in the Venusian Foreshock: Venus Express Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2018 , 123, 374-384	2.6	4
49	He ²⁺ -HEATING VIA PARAMETRIC INSTABILITIES OF PARALLEL PROPAGATING ALFVÉN WAVES WITH AN INCOHERENT SPECTRUM. <i>Astrophysical Journal</i> , 2016 , 827, 64	4.7	4
48	Dissipation and reformation of thermal fronts in solar flares. <i>Astrophysics and Space Science</i> , 2019 , 364, 1	1.6	4
47	Electron density hole and quadruple structure of B _y during collisionless magnetic reconnection. <i>Science Bulletin</i> , 2010 , 55, 718-722		4
46	Structure and Coalescence of Magnetopause Flux Ropes and Their Dependence on IMF Clock Angle: Three-Dimensional Global Hybrid Simulations. <i>Journal of Geophysical Research: Space Physics</i> , 2021 , 126, e2020JA028670	2.6	4
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44	Magnetic field annihilation and reconnection driven by femtosecond lasers in inhomogeneous plasma. <i>Science China: Physics, Mechanics and Astronomy</i> , 2017 , 60, 1	3.6	3
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