Chao Yue

List of Publications by Year
in descending order

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73	1,504	257450	377865
papers	citations	24	34
		h-index	g-index

87	87	87	1074
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	ULF waves excited by negative/positive solar wind dynamic pressure impulses at geosynchronous orbit. Journal of Geophysical Research, 2010, 115, .	3.3	83
2	Geomagnetic activity triggered by interplanetary shocks. Journal of Geophysical Research, 2010, 115, .	3.3	66
3	Substorm current wedge composition by wedgelets. Geophysical Research Letters, 2015, 42, 1669-1676.	4.0	62
4	A neural network model of threeâ€dimensional dynamic electron density in the inner magnetosphere. Journal of Geophysical Research: Space Physics, 2017, 122, 9183-9197.	2.4	51
5	The relationship between the macroscopic state of electrons and the properties of chorus waves observed by the Van Allen Probes. Geophysical Research Letters, 2016, 43, 7804-7812.	4.0	50
6	Waves in Kineticâ€Scale Magnetic Dips: MMS Observations in the Magnetosheath. Geophysical Research Letters, 2019, 46, 523-533.	4.0	49
7	Ion Heating by Electromagnetic Ion Cyclotron Waves and Magnetosonic Waves in the Earth's Inner Magnetosphere. Geophysical Research Letters, 2019, 46, 6258-6267.	4.0	48
8	The Composition of Plasma inside Geostationary Orbit Based on Van Allen Probes Observations. Journal of Geophysical Research: Space Physics, 2018, 123, 6478-6493.	2.4	47
9	A Statistical Study of EMIC Waves Associated With and Without Energetic Particle Injection From the Magnetotail. Journal of Geophysical Research: Space Physics, 2019, 124, 433-450.	2.4	43
10	The role of ULF waves interacting with oxygen ions at the outer ring current during storm times. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	41
11	The Relationship Between EMIC Wave Properties and Proton Distributions Based on Van Allen Probes Observations. Geophysical Research Letters, 2019, 46, 4070-4078.	4.0	41
12	EMIC Wave Properties Associated With and Without Injections in The Inner Magnetosphere. Journal of Geophysical Research: Space Physics, 2019, 124, 2029-2045.	2.4	36
13	The Characteristics of EMIC Waves in the Magnetosphere Based on the Van Allen Probes and Arase Observations. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA029001.	2.4	35
14	Rapid enhancement of lowâ€energy (<100â€‰eV) ion flux in response to interplanetary shocks based on two Van Allen Probes case studies: Implications for source regions and heating mechanisms. Journal of Geophysical Research: Space Physics, 2016, 121, 6430-6443.	2.4	34
15	Oxygen Ion Dynamics in the Earth's Ring Current: Van Allen Probes Observations. Journal of Geophysical Research: Space Physics, 2019, 124, 7786-7798.	2.4	34
16	Inner magnetosphere plasma characteristics in response to interplanetary shock impacts. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	33
17	The Characteristic Pitch Angle Distributions of 1ÂeV to 600ÂkeV Protons Near the Equator Based On Van Allen Probes Observations. Journal of Geophysical Research: Space Physics, 2017, 122, 9464-9473.	2.4	33
18	On an energyâ€latitude dispersion pattern of ion precipitation potentially associated with magnetospheric EMIC waves. Journal of Geophysical Research: Space Physics, 2014, 119, 8137-8160.	2.4	32

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19	On the parameter dependence of the whistler anisotropy instability. Journal of Geophysical Research: Space Physics, 2017, 122, 2001-2009.	2.4	32
20	The relations between magnetospheric chorus and hiss inside and outside the plasmasphere boundary layer: Cluster observation. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	29
21	Empirical modeling of 3â€D forceâ€balanced plasma and magnetic field structures during substorm growth phase. Journal of Geophysical Research: Space Physics, 2015, 120, 6496-6513.	2.4	29
22	The Characteristic Response of Whistler Mode Waves to Interplanetary Shocks. Journal of Geophysical Research: Space Physics, 2017, 122, 10,047.	2.4	29
23	Solar wind parameters and geomagnetic indices for four different interplanetary shock/ICME structures. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	28
24	Lowâ€Energy (<200 eV) Electron Acceleration by ULF Waves in the Plasmaspheric Boundary Layer: Van Allen Probes Observation. Journal of Geophysical Research: Space Physics, 2017, 122, 9969-9982.	2.4	28
25	Pitch angle evolutions of oxygen ions driven by storm time ULF poloidal standing waves. Journal of Geophysical Research, 2011, 116, .	3.3	26
26	Response of the magnetic field and plasmas at the geosynchronous orbit to interplanetary shock. Science Bulletin, 2009, 54, 4241-4252.	1.7	23
27	The Modulation of Plasma and Waves by Background Electron Density Irregularities in the Inner Magnetosphere. Geophysical Research Letters, 2020, 47, e2020GL088855.	4.0	23
28	Current sheet scattering and ion isotropic boundary under 3â€D empirical forceâ€balanced magnetic field. Journal of Geophysical Research: Space Physics, 2014, 119, 8202-8211.	2.4	22
29	Empirical modeling of plasma sheet pressure and threeâ€dimensional forceâ€balanced magnetospheric magnetic field structure: 1. Observation. Journal of Geophysical Research: Space Physics, 2013, 118, 6154-6165.	2.4	21
30	Transitional behavior of different energy protons based on Van Allen Probes observations. Geophysical Research Letters, 2017, 44, 625-633.	4.0	20
31	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
32	Coordinated THEMIS spacecraft and allâ€sky imager observations of interplanetary shock effects on plasma sheet flow bursts, poleward boundary intensifications, and streamers. Journal of Geophysical Research: Space Physics, 2013, 118, 3346-3356.	2.4	16
33	Empirical modeling of plasma sheet pressure and threeâ€dimensional forceâ€balanced magnetospheric magnetic field structure: 2. Modeling. Journal of Geophysical Research: Space Physics, 2013, 118, 6166-6175.	2.4	16
34	Inner Magnetospheric Magnetic Dips and Energetic Protons Trapped Therein: Multiâ€Spacecraft Observations and Simulations. Geophysical Research Letters, 2021, 48, e2021GL092567.	4.0	16
35	Current reduction in a pseudoâ€breakup event: THEMIS observations. Journal of Geophysical Research: Space Physics, 2014, 119, 8178-8187.	2.4	15
36	Shock Induced Strong Substorms and Super Substorms: Preconditions and Associated Oxygen Ion Dynamics. Space Science Reviews, 2021, 217, 1.	8.1	15

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37	Origin of Electron Boomerang Stripes: Localized ULF Waveâ€Particle Interactions. Geophysical Research Letters, 2020, 47, e2020GL087960.	4.0	13
38	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
39	Ionâ€Scale Flux Rope Observed inside a Hot Flow Anomaly. Geophysical Research Letters, 2020, 47, e2019GL085933.	4.0	13
40	Statistical Characteristics of Substorms With Different Intensity. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029318.	2.4	13
41	Drift Resonance Between Particles and Compressional Toroidal ULF Waves in Dipole Magnetic Field. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028842.	2.4	13
42	Observational evidence of ring current in the magnetosphere of Mercury. Nature Communications, 2022, 13, 924.	12.8	12
43	Proton Properties in Mercury's Magnetotail: A Statistical Study. Geophysical Research Letters, 2020, 47, e2020GL088075.	4.0	11
44	Nonlinear Wave Growth Analysis of Chorus Emissions Modulated by ULF Waves. Geophysical Research Letters, 2022, 49, .	4.0	11
45	A 2-D empirical plasma sheet pressure model for substorm growth phase using the Support Vector Regression Machine. Journal of Geophysical Research: Space Physics, 2015, 120, 1957-1973.	2.4	10
46	Rapid Injections of MeV Electrons and Extremely Fast Stepâ€Like Outer Radiation Belt Enhancements. Geophysical Research Letters, 2021, 48, e2021GL093151.	4.0	10
47	Saturn's Inner Magnetospheric Convection in the View of Zebra Stripe Patterns in Energetic Electron Spectra. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029600.	2.4	10
48	Special Electromagnetic Interference in the Ionosphere Directly Correlated With Power System. IEEE Transactions on Electromagnetic Compatibility, 2020, 62, 947-954.	2.2	9
49	Statistical survey of storm-time energetic particle precipitation. Journal of Atmospheric and Solar-Terrestrial Physics, 2020, 199, 105204.	1.6	9
50	Episodic Occurrence of Fieldâ€Aligned Energetic Ions on the Dayside. Geophysical Research Letters, 2020, 47, e2019GL086384.	4.0	9
51	On the Formation of Wedgeâ€Like Ion Spectral Structures in the Nightside Inner Magnetosphere. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA028420.	2.4	9
52	Proton auroral intensification induced by interplanetary shock on 7 November 2004. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	8
53	Effects of solar wind ultralow-frequency fluctuations on plasma sheet electron temperature: Regression analysis with support vector machine. Journal of Geophysical Research: Space Physics, 2017, 122, 4210-4227.	2.4	8
54	Energetic Neutral Atom Distribution on the Lunar Surface and Its Relationship with Solar Wind Conditions. Astrophysical Journal Letters, 2021, 922, L41.	8.3	8

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55	Localized Excitation of Electromagnetic Ion Cyclotron Waves From Anisotropic Protons Filtered by Magnetic Dips. Journal of Geophysical Research: Space Physics, 2022, 127, .	2.4	8
56	Simultaneously Formed Wedgeâ€Like Structures of Different Ion Species Deep in the Inner Magnetosphere. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA028192.	2.4	7
57	Ring Current Decay During Geomagnetic Storm Recovery Phase: Comparison Between RBSP Observations and Theoretical Modeling. Journal of Geophysical Research: Space Physics, 2021, 126, .	2.4	7
58	Frequencyâ€Dependent Responses of Plasmaspheric Hiss to the Impact of an Interplanetary Shock. Geophysical Research Letters, 2021, 48, e2021GL094810.	4.0	7
59	Multi-satellite observations on the storm-time enhancements of energetic outer zone electron fluxes driven by chorus waves. Science China Technological Sciences, 2011, 54, 2209-2216.	4.0	6
60	Origin of Electron Boomerang Stripes: Statistical Study. Geophysical Research Letters, 2021, 48, e2021GL093377.	4.0	6
61	Electron Dispersion and Parallel Electron Beam Observed Near the Separatrix. Journal of Geophysical Research: Space Physics, 2019, 124, 7494-7504.	2.4	5
62	Energetic Ion Dynamics Near the Cusp Region of Mercury. Astrophysical Journal, 2020, 892, 10.	4.5	5
63	Sustained Oxygen Spectral Gaps and Their Dynamic Evolution in the Inner Magnetosphere. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA029092.	2.4	5
64	The Characteristics of Threeâ€Belt Structure of Subâ€MeV Electrons in the Radiation Belts. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029385.	2.4	5
65	Zebra Stripe Patterns in Energetic Ion Spectra at Saturn. Geophysical Research Letters, 2022, 49, .	4.0	5
66	Nightside ULF Waves Observed in the Topside Ionosphere by the DEMETER Satellite. Journal of Geophysical Research: Space Physics, 2018, 123, 7726-7739.	2.4	4
67	Northâ€South Asymmetric Nightside Distorted Transpolar Arcs Within A Framework of Deformed Magnetosphereâ€Ionosphere Coupling: IMFâ€B_y Dependence, Ionospheric Currents, and Magnetotail Reconnection. Journal of Geophysical Research: Space Physics, 2020, 125, 2020JA027991.	2.4	4
68	Energetic Electron Enhancement and Dropout Echoes Induced by Solar Wind Dynamic Pressure Decrease: The Effect of Phase Space Density Profile. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028863.	2.4	4
69	Origin of Frequencyâ€Doubling and Shoulderâ€Like Magnetic Pulsations in ULF Waves. Geophysical Research Letters, 2021, 48, e2021GL096532.	4.0	4
70	The Link Between Wedgeâ€Like and Noseâ€Like Ion Spectral Structures in the Inner Magnetosphere. Geophysical Research Letters, 2021, 48, e2021GL093930.	4.0	3
71	Normalâ€•and Reversedâ€Boomerang Stripes on Electron Pitch Angle Distributions: Solar Wind Dynamic Pressure Effect. Geophysical Research Letters, 2022, 49, .	4.0	3
72	MLTâ€Dependence of Sustained Spectral Gaps of Proton and Oxygen in the Inner Magnetosphere. Journal of Geophysical Research: Space Physics, 2021, 126, .	2.4	2

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73	Cluster Observations on Timeâ€ofâ€Flight Effect of Oxygen Ions in Magnetotail Reconnection Exhaust Region. Geophysical Research Letters, 2020, 47, e2019GL085200.	4.0	1