Ying Liu

List of Publications by Year
in descending order

22	350	840776 11	794594 19
papers	citations	h-index	g-index

22	22	22	321
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Zebra Stripe Patterns in Energetic Ion Spectra at Saturn. Geophysical Research Letters, 2022, 49, .	4.0	5
2	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
3	Origin of Electron Boomerang Stripes: Statistical Study. Geophysical Research Letters, 2021, 48, e2021GL093377.	4.0	6
4	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
5	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
6	Origin of Frequencyâ€Doubling and Shoulderâ€Like Magnetic Pulsations in ULF Waves. Geophysical Research Letters, 2021, 48, e2021GL096532.	4.0	4
7	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
8	Driftâ€Bounce Resonance Between Charged Particles and Ultralow Frequency Waves: Theory and Observations. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027067.	2.4	16
9	Origin of Electron Boomerang Stripes: Localized ULF Waveâ€Particle Interactions. Geophysical Research Letters, 2020, 47, e2020GL087960.	4.0	13
10	A Shortâ€lived Threeâ€Belt Structure for subâ€MeV Electrons in the Van Allen Belts: Time Scale and Energy Dependence. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA028031.	2.4	6
11	Simultaneous Observations of Localized and Global DriftÂResonance. Geophysical Research Letters, 2020, 47, e2020GL088019.	4.0	12
12	The Formation of Saturnâ€™s and Jupiterâ€™s Electron Radiation Belts by Magnetospheric Electric Fields. Astrophysical Journal Letters, 2020, 905, L10.	8.3	20
13	Understanding Electron Dropout Echoes Induced by Interplanetary Shocks: Test Particle Simulations. Journal of Geophysical Research: Space Physics, 2019, 124, 6759-6775.	2.4	9
14	The Intense Substorm Incidence in Response to Interplanetary Shock Impacts and Influence on Energetic Electron Fluxes at Geosynchronous Orbit. Journal of Geophysical Research: Space Physics, 2019, 124, 3210-3221.	2.4	7
15	Globalâ€Scale ULF Waves Associated With SSC Accelerate Magnetospheric Ultrarelativistic Electrons. Journal of Geophysical Research: Space Physics, 2019, 124, 1525-1538.	2.4	48
16	Nonlinear Drift Resonance Between Charged Particles and Ultralow Frequency Waves: Theory and Observations. Geophysical Research Letters, 2018, 45, 8773-8782.	4.0	20
17	Charged particle behavior in localized ultralow frequency waves: Theory and observations. Geophysical Research Letters, 2017, 44, 5900-5908.	4.0	40
18	Electron dropout echoes induced by interplanetary shock: A statistical study. Journal of Geophysical Research: Space Physics, 2017, 122, 8037-8050.	2.4	11

#	Article	IF	Citations
19	Relativistic electron dynamics produced by azimuthally localized poloidal mode ULF waves: Boomerangâ€shaped pitch angle evolutions. Geophysical Research Letters, 2017, 44, 7618-7627.	4.0	53
20	Structure and evolution of electron â€œzebra stripesâ€•in the inner radiation belt. Journal of Geophysical Research: Space Physics, 2016, 121, 4145-4157.	2.4	19
21	Radial propagation of magnetospheric substorm-injected energetic electrons observed using a BD-IES instrument and Van Allen Probes. Science China Earth Sciences, 2016, 59, 1508-1516.	5.2	16
22	Energetic electron response to interplanetary shocks at geosynchronous orbit. Journal of Geophysical Research: Space Physics, 2015, 120, 4669-4683.	2.4	16