Zhiyang Xia

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1879554/publications.pdf

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28	384	759233 12	839539 18
papers	citations	h-index	g-index

30	30	30	450
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Statistical Study on Smallâ€Scale (â‰1,000Âkm) Density Irregularities in the Inner Magnetosphere. Journal of Geophysical Research: Space Physics, 2022, 127, .	2.4	5
2	Direct Evidence Reveals Transmitter Signal Propagation in the Magnetosphere. Geophysical Research Letters, 2021, 48, e2021GL093987.	4.0	13
3	Frequencyâ€Dependent Modulation of Whistlerâ€Mode Waves by Density Irregularities During the Recovery Phase of a Geomagnetic Storm. Geophysical Research Letters, 2021, 48, e2021GL093095.	4.0	5
4	Electron Microbursts Induced by Nonducted Chorus Waves. Frontiers in Astronomy and Space Sciences, 2021, 8, .	2.8	16
5	Particleâ€inâ€Cell Simulation of Risingâ€Tone Magnetosonic Waves. Geophysical Research Letters, 2020, 47, e2020GL089671.	4.0	8
6	Statistical Study on Locally Generated Highâ€Frequency Plasmaspheric Hiss and Its Effect on Suprathermal Electrons: Van Allen Probes Observation and Quasiâ€linear Simulation. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA028526.	2.4	12
7	Electronâ€Driven Magnetic Dip Embedded Within the Protonâ€Driven Magnetic Dip and the Related Echoes of Butterfly Distribution of Relativistic Electrons. Geophysical Research Letters, 2020, 47, e2020GL088983.	4.0	5
8	Modeling of Bouncing Electron Microbursts Induced by Ducted Chorus Waves. Geophysical Research Letters, 2020, 47, e2020GL089400.	4.0	33
9	Alpha Transmitter Signal Reflection and Triggered Emissions. Geophysical Research Letters, 2020, 47, e2020GL090165.	4.0	6
10	The Relation Between Electron Cyclotron Harmonic Waves and Plasmapause: Case and Statistical Studies. Geophysical Research Letters, 2020, 47, e2020GL087365.	4.0	12
11	Simultaneous Observations of ELF/VLF Risingâ€Tone Quasiperiodic Waves and Energetic Electron Precipitations in the Highâ€Latitude Upper Ionosphere. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027574.	2.4	13
12	Spectral Broadening of NWC Transmitter Signals in the Ionosphere. Geophysical Research Letters, 2020, 47, e2020GL088103.	4.0	11
13	Two Dimensional Fullâ€Wave Modeling of Propagation of Lowâ€Altitude Hiss in the Ionosphere. Geophysical Research Letters, 2020, 47, e2019GL086601.	4.0	4
14	Twoâ€Dimensional Fullâ€Wave Simulation of Whistler Mode Wave Propagation Near the Local Lower Hybrid Resonance Frequency in a Dipole Field. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027750.	2.4	11
15	Ion Cyclotron Resonant Absorption Lines in ELF Hiss Power Spectral Density in the Lowâ€Latitude Ionosphere. Geophysical Research Letters, 2020, 47, e2019GL086315.	4.0	4
16	Statistical Study of Chorus Modulations by Background Magnetic Field and Plasma Density. Geophysical Research Letters, 2020, 47, e2020GL089344.	4.0	5
17	The Effects of Localized Thermal Pressure on Equilibrium Magnetic Fields and Particle Drifts in The Inner Magnetosphere. Journal of Geophysical Research: Space Physics, 2019, 124, 5129-5142.	2.4	6
18	Magnetospheric Multiscale Observation of Quasiperiodic EMIC Waves Associated With Enhanced Solar Wind Pressure. Geophysical Research Letters, 2019, 46, 7096-7104.	4.0	20

#	Article	IF	Citations
19	Statistical Characteristics of Ionospheric Hiss Waves. Geophysical Research Letters, 2019, 46, 7147-7156.	4.0	13
20	Oneâ€Dimensional Full Wave Simulation of Equatorial Magnetosonic Wave Propagation in an Inhomogeneous Magnetosphere. Journal of Geophysical Research: Space Physics, 2018, 123, 587-599.	2.4	19
21	Observed Propagation Route of VLF Transmitter Signals in the Magnetosphere. Journal of Geophysical Research: Space Physics, 2018, 123, 5528-5537.	2.4	27
22	Multipleâ€Satellite Observation of Magnetic Dip Event During the Substorm on 10 October 2013. Geophysical Research Letters, 2017, 44, 9167-9175.	4.0	25
23	Eigenmode analysis of compressional poloidal modes in a selfâ€consistent magnetic field. Journal of Geophysical Research: Space Physics, 2017, 122, 10,369.	2.4	18
24	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
25	Modulation of chorus intensity by ULF waves deep in the inner magnetosphere. Geophysical Research Letters, 2016, 43, 9444-9452.	4.0	36
26	Generation of magnetosonic waves over a continuous spectrum. Journal of Geophysical Research: Space Physics, 2016, 121, 1137-1147.	2.4	33
27	Estimating the open magnetic flux from the interplanetary and ionospheric conditions. Journal of Geophysical Research: Space Physics, 2013, 118, 1899-1903.	2.4	5
28	Whistler Waves above the Lower Hybrid Frequency in the Ionosphere and their Counterparts in the Magnetosphere. Geophysical Research Letters, 0, , .	4.0	0