Nigang Liu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3988854/publications.pdf

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22	379	840776 11	794594 19
papers	citations	h-index	g-index

22	22	22	259
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Largeâ€Amplitude Extremely Low Frequency Hiss Waves in Plasmaspheric Plumes. Geophysical Research Letters, 2018, 45, 565-577.	4.0	69
2	Prompt Disappearance and Emergence of Radiation Belt Magnetosonic Waves Induced by Solar Wind Dynamic Pressure Variations. Geophysical Research Letters, 2018, 45, 585-594.	4.0	42
3	Multipoint Observations of Nightside Plasmaspheric Hiss Generated by Substormâ€Injected Electrons. Geophysical Research Letters, 2018, 45, 10,921.	4.0	34
4	Simultaneous disappearances of plasmaspheric hiss, exohiss, and chorus waves triggered by a sudden decrease in solar wind dynamic pressure. Geophysical Research Letters, 2017, 44, 52-61.	4.0	31
5	Direct observation of generation and propagation of magnetosonic waves following substorm injection. Geophysical Research Letters, 2017, 44, 7587-7597.	4.0	30
6	Magnetosonic Harmonic Falling and Rising Frequency Emissions Potentially Generated by Nonlinear Waveâ€Wave Interactions in the Van Allen Radiation Belts. Geophysical Research Letters, 2018, 45, 7985-7995.	4.0	22
7	Comprehensive Observations of Substormâ€Enhanced Plasmaspheric Hiss Generation, Propagation, and Dissipation. Geophysical Research Letters, 2020, 47, e2019GL086040.	4.0	21
8	Shockâ€Induced Disappearance and Subsequent Recovery of Plasmaspheric Hiss: Coordinated Observations of RBSP, THEMIS, and POES Satellites. Journal of Geophysical Research: Space Physics, 2017, 122, 10,421.	2.4	19
9	Nonlinear Coupling Between Whistlerâ€Mode Chorus and Electron Cyclotron Harmonic Waves in the Magnetosphere. Geophysical Research Letters, 2018, 45, 12,685.	4.0	15
10	Offâ€Equatorial Source of Magnetosonic Waves Extending Above the Lower Hybrid Resonance Frequency in the Inner Magnetosphere. Geophysical Research Letters, 2021, 48, e2020GL091830.	4.0	14
11	Can Solar Wind Decompressive Discontinuities Suppress Magnetospheric Electromagnetic Ion Cyclotron Waves Associated With Fresh Proton Injections?. Geophysical Research Letters, 2020, 47, e2020GL090296.	4.0	12
12	An Unexpected Whistler Wave Generation Around Dipolarization Front. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028957.	2.4	12
13	Quenching of Equatorial Magnetosonic Waves by Substorm Proton Injections. Geophysical Research Letters, 2019, 46, 6156-6167.	4.0	10
14	Suprathermal Electron Evolution Under the Competition Between Plasmaspheric Plume Hiss Wave Heating and Collisional Cooling. Geophysical Research Letters, 2020, 47, e2020GL089649.	4.0	10
15	Magnetospheric Chorus, Exohiss, and Magnetosonic Emissions Simultaneously Modulated by Fundamental Toroidal Standing AlfvÃ©n Waves Following Solar Wind Dynamic Pressure Fluctuations. Geophysical Research Letters, 2019, 46, 1900-1910.	4.0	9
16	Direct Observational Evidence of the Simultaneous Excitation of Electromagnetic Ion Cyclotron Waves and Magnetosonic Waves by an Anisotropic Proton Ring Distribution. Geophysical Research Letters, 2021, 48, e2020GL091850.	4.0	8
17	Characteristics of Lowâ€Harmonic Magnetosonic Waves in the Earth's Inner Magnetosphere. Geophysical Research Letters, 2021, 48, e2021GL093119.	4.0	6
18	Rapid Landau Heating of Martian Topside Ionospheric Electrons by Largeâ€Amplitude Magnetosonic Waves. Geophysical Research Letters, 2020, 47, e2020GL090190.	4.0	5

#	Article	IF	Citations
19	Immediate Impact of Solar Wind Dynamic Pressure Pulses on Whistlerâ€Mode Chorus Waves in the Inner Magnetosphere. Geophysical Research Letters, 2022, 49, .	4.0	5
20	A Comparative Study on the Distributions of Incoherent and Coherent Plasmaspheric Hiss. Geophysical Research Letters, 2021, 48, e2021GL092902.	4.0	4
21	Simultaneous evolutions of inner magnetospheric plasmaspheric hiss and EMIC waves under the influence of a heliospheric plasma sheet. Geophysical Research Letters, 0, , .	4.0	1
22	Three-dimensional ray-tracing simulation of fast magnetoacoustic waves in a stratified solar atmosphere. Science China Technological Sciences, 2017, 60, 1570-1576.	4.0	0