

Yuequn Lou

List of Publications by Year in descending order

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15
papers

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758635

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docs citations

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321
citing authors

#	ARTICLE	IF	CITATIONS
1	Hot Plasma Effects on the Cyclotron-Resonant Pitch-Angle Scattering Rates of Radiation Belt Electrons Due to EMIC Waves. <i>Geophysical Research Letters</i> , 2018, 45, 21-30.	1.5	66
2	Bounce resonance scattering of radiation belt electrons by H ⁺ band EMIC waves. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 1702-1713.	0.8	44
3	Statistical Properties of Hiss in Plasmaspheric Plumes and Associated Scattering Losses of Radiation Belt Electrons. <i>Geophysical Research Letters</i> , 2019, 46, 5670-5680.	1.5	32
4	A statistical survey of electrostatic electron cyclotron harmonic waves based on THEMIS FFF wave data. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 3342-3353.	0.8	29
5	Electron Scattering by Plasmaspheric Hiss in a Nightside Plume. <i>Geophysical Research Letters</i> , 2018, 45, 4618-4627.	1.5	29
6	Sensitivity of EMIC Wave-Driven Scattering Loss of Ring Current Protons to Wave Normal Angle Distribution. <i>Geophysical Research Letters</i> , 2019, 46, 590-598.	1.5	28
7	Resonant Scattering of Near-Equatorially Mirroring Electrons by Landau Resonance With H ⁺ Band EMIC Waves. <i>Geophysical Research Letters</i> , 2018, 45, 10,866.	1.5	20
8	Combined Scattering of Outer Radiation Belt Electrons by Simultaneously Occurring Chorus, Exohiss, and Magnetosonic Waves. <i>Geophysical Research Letters</i> , 2018, 45, 10,057.	1.5	20
9	Statistical Distributions of Dayside ECH Waves Observed by MMS. <i>Geophysical Research Letters</i> , 2018, 45, 12,730.	1.5	16
10	Effects of Polarization Reversal on the Pitch Angle Scattering of Radiation Belt Electrons and Ring Current Protons by EMIC Waves. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089718.	1.5	15
11	Diffuse Auroral Electron Scattering by Electrostatic Electron Cyclotron Harmonic Waves in the Dayside Magnetosphere. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL092208.	1.5	14
12	Interactions between H ⁺ band EMIC waves and radiation belt relativistic electrons: Comparisons of test particle simulations with quasi-linear calculations. <i>Physics of Plasmas</i> , 2019, 26, .	0.7	12
13	Empirical Loss Timescales of Slot Region Electrons due to Plasmaspheric Hiss Based on Van Allen Probes Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA029057.	0.8	10
14	Effects of Superthermal Plasmas on the Linear Growth of Multiband EMIC Waves. <i>Astrophysical Journal</i> , 2020, 899, 43.	1.6	7
15	Parametric Dependence of Polarization Reversal Effects on the Particle Pitch Angle Scattering by EMIC Waves. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029966.	0.8	4