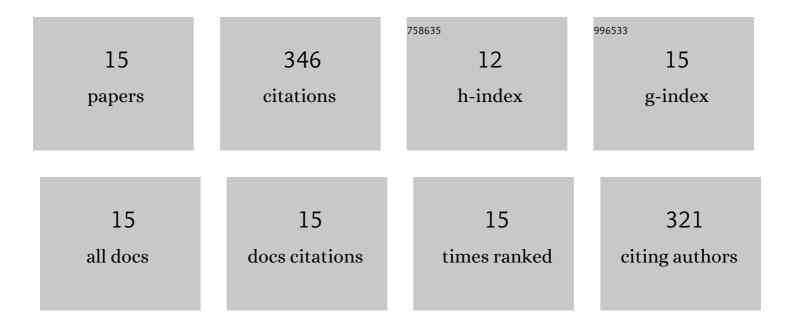
## Yuequn Lou

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/949848/publications.pdf Version: 2024-02-01



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