T-F Chang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5697146/publications.pdf

Version: 2024-02-01

19	592	1307366	887953
papers	citations	7	17
		h-index	g-index

19	19	19	763
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Space Physics Environment Data Analysis System (SPEDAS). Space Science Reviews, 2019, 215, 9.	3.7	332
2	The ERG Science Center. Earth, Planets and Space, 2018, 70, .	0.9	124
3	Low-energy particle experimentsâ€“electron analyzer (LEPe) onboard the Arase spacecraft. Earth, Planets and Space, 2017, 69, .	0.9	43
4	Relationship between wave-like auroral arcs and Pi2 disturbances in plasma sheet prior to substorm onset. Earth, Planets and Space, 2015, 67, 168.	0.9	17
5	Behavior of substorm auroral arcs and Pi2 waves: implication for the kinetic ballooning instability. Annales Geophysicae, 2012, 30, 911-926.	0.6	13
6	Density Depletions Associated With Enhancements of Electron Cyclotron Harmonic Emissions: An ERG Observation. Geophysical Research Letters, 2018, 45, 10,075.	1.5	10
7	Investigation of Smallâ€Scale Electron Density Irregularities Observed by the Arase and Van Allen Probes Satellites Inside and Outside the Plasmasphere. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA027917.	0.8	10
8	Plasma and Field Observations in the Magnetospheric Source Region of a Stable Auroral Red (SAR) Arc by the Arase Satellite on 28 March 2017. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA028068.	0.8	8
9	Pitchâ€Angle Scattering of Inner Magnetospheric Electrons Caused by ECH Waves Obtained With the Arase Satellite. Geophysical Research Letters, 2020, 47, e2020GL089926.	1.5	7
10	Multiâ€Event Analysis of Plasma and Field Variations in Source of Stable Auroral Red (SAR) Arcs in Inner Magnetosphere During Nonâ€Stormâ€Time Substorms. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA029081.	0.8	7
11	Variations of the 630.0â€‰nm airglow emission with meridional neutral wind and neutral temperature around midnight. Annales Geophysicae, 2018, 36, 1471-1481.	0.6	5
12	Statistical Study of Approaching Strong Diffusion of Lowâ€Energy Electrons by Chorus and ECH Waves Based on In Situ Observations. Journal of Geophysical Research: Space Physics, 2022, 127, .	0.8	4
13	Global Observations of the 630-nm Nightglow and Patterns of Brightness Measured by ISUAL. Terrestrial, Atmospheric and Oceanic Sciences, 2013, 24, 283.	0.3	3
14	First Simultaneous Observation of a Night Time Mediumâ€Scale Traveling Ionospheric Disturbance From the Ground and a Magnetospheric Satellite. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA029086.	0.8	3
15	Arase Observation of Simultaneous Electron Scatterings by Upperâ€Band and Lowerâ€Band Chorus Emissions. Geophysical Research Letters, 2021, 48, e2021GL093708.	1.5	2
16	Magnetic Field and Energetic Particle Flux Oscillations and Highâ€Frequency Waves Deep in the Inner Magnetosphere During Substorm Dipolarization: ERG Observations. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA029095.	0.8	2
17	Retrieval of Airglow Emission Rates in Analytical Form for Limbâ€viewing Satellite Observations at Low Latitudes. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029490.	0.8	2
18	ERG observations of drift echoes during a unique period of the satellite mission. Earth, Planets and Space, 2019, 71, .	0.9	0

#	Article	IF	Citations
19	Enhancement of equatorial OI(1D) emissions at midnight. Earth, Planets and Space, 2022, 74, .	0.9	0