

# 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  
papers

592  
citations

1307366

7  
h-index

887953

17  
g-index

19  
all docs

19  
docs citations

19  
times ranked

763  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Enhancement of equatorial OI(1D) emissions at midnight. <i>Earth, Planets and Space</i> , 2022, 74, .  | 0.9 | 0         |
| 2  | Statistical Study of Approaching Strong Diffusion of Low-Energy Electrons by Chorus and ECH Waves Based on <i>In Situ</i> Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .   | 0.8 | 4         |
| 3  | Investigation of Small-Scale Electron Density Irregularities Observed by the Arase and Van Allen Probes Satellites Inside and Outside the Plasmasphere. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA027917.            | 0.8 | 10        |
| 4  | Multi-Event Analysis of Plasma and Field Variations in Source of Stable Auroral Red (SAR) Arcs in Inner Magnetosphere During Non-Storm-Time Substorms. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA029081.             | 0.8 | 7         |
| 5  | Arase Observation of Simultaneous Electron Scatterings by Upper-Band and Lower-Band Chorus Emissions. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093708.   | 1.5 | 2         |
| 6  | Magnetic Field and Energetic Particle Flux Oscillations and High-Frequency Waves Deep in the Inner Magnetosphere During Substorm Dipolarization: ERG Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA029095. | 0.8 | 2         |
| 7  | Retrieval of Airglow Emission Rates in Analytical Form for Limb-viewing Satellite Observations at Low Latitudes. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029490.   | 0.8 | 2         |
| 8  | First Simultaneous Observation of a Night Time Medium-Scale Traveling Ionospheric Disturbance From the Ground and a Magnetospheric Satellite. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA029086.                      | 0.8 | 3         |
| 9  | Pitch-Angle Scattering of Inner Magnetospheric Electrons Caused by ECH Waves Obtained With the Arase Satellite. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089926.   | 1.5 | 7         |
| 10 | Plasma and Field Observations in the Magnetospheric Source Region of a Stable Auroral Red (SAR) Arc by the Arase Satellite on 28 March 2017. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA028068.                       | 0.8 | 8         |
| 11 | ERG observations of drift echoes during a unique period of the satellite mission. <i>Earth, Planets and Space</i> , 2019, 71, .  | 0.9 | 0         |
| 12 | The Space Physics Environment Data Analysis System (SPEDAS). <i>Space Science Reviews</i> , 2019, 215, 9.  | 3.7 | 332       |
| 13 | Density Depletions Associated With Enhancements of Electron Cyclotron Harmonic Emissions: An ERG Observation. <i>Geophysical Research Letters</i> , 2018, 45, 10,075.  | 1.5 | 10        |
| 14 | The ERG Science Center. <i>Earth, Planets and Space</i> , 2018, 70, .  | 0.9 | 124       |
| 15 | Variations of the 630.0-nm airglow emission with meridional neutral wind and neutral temperature around midnight. <i>Annales Geophysicae</i> , 2018, 36, 1471-1481.  | 0.6 | 5         |
| 16 | Low-energy particle experiments' electron analyzer (LEPe) onboard the Arase spacecraft. <i>Earth, Planets and Space</i> , 2017, 69, .  | 0.9 | 43        |
| 17 | Relationship between wave-like auroral arcs and Pi2 disturbances in plasma sheet prior to substorm onset. <i>Earth, Planets and Space</i> , 2015, 67, 168.   | 0.9 | 17        |
| 18 | Global Observations of the 630-nm Nightglow and Patterns of Brightness Measured by ISUAL. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2013, 24, 283.  | 0.3 | 3         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Behavior of substorm auroral arcs and Pi2 waves: implication for the kinetic ballooning instability. <i>Annales Geophysicae</i> , 2012, 30, 911-926. | 0.6 | 13        |