Sunny W Y Tam

List of Publications by Year
in descending order

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Version: 2024-02-01

18 papers	646 citations	1307366 7 h-index	940416 16 g-index
19 all docs	19 docs citations	19 times ranked	883 citing authors

#	Article	IF	Citations
1	The Space Physics Environment Data Analysis System (SPEDAS). Space Science Reviews, 2019, 215, 9.	3.7	332
2	Geospace exploration project ERG. Earth, Planets and Space, 2018, 70, .	0.9	201
3	Low-energy particle experimentsâ€“electron analyzer (LEPe) onboard the Arase spacecraft. Earth, Planets and Space, 2017, 69, .	0.9	43
4	Density Depletions Associated With Enhancements of Electron Cyclotron Harmonic Emissions: An ERG Observation. Geophysical Research Letters, 2018, 45, 10,075.	1.5	10
5	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
6	Substormâ€Associated Ionospheric Flow Fluctuations During the 27 March 2017 Magnetic Storm: SuperDARNâ€Arase Conjunction. Geophysical Research Letters, 2018, 45, 9441-9449.	1.5	9
7	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
8	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
9	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
10	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
11	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
12	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
13	Arase Observation of Simultaneous Electron Scatterings by Upperâ€Band and Lowerâ€Band Chorus Emissions. Geophysical Research Letters, 2021, 48, e2021GL093708.	1.5	2
14	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
15	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
16	Variations of topside ionospheric electron density near the dawn terminator in relation to geomagnetic activity. Journal of Space Weather and Space Climate, 2017, 7, A31.	1.1	1
17	Extremely Collimated Electron Beams in the High Latitude Magnetosphere Observed by Arase. Geophysical Research Letters, 2021, 48, e2020GL090522.	1.5	0
18	Enhancement of equatorial OI(1D) emissions at midnight. Earth, Planets and Space, 2022, 74, .	0.9	0