Eric Lund

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7809384/publications.pdf

Version: 2024-02-01

40	1,123	394421	377865
papers	citations	19 h-index	34 g-index

41	41	41	1052
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Factors Controlling O⁺ and H⁺ Outflow in the Cusp During a Geomagnetic Storm: FAST/TEAMS Observations. Geophysical Research Letters, 2020, 47, e2020GL086975.	4.0	13
2	The Relationship Between Cusp Region Ion Outflows and Eastâ€West Magnetic Field Fluctuations at 4,000â€km Altitude. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027454.	2.4	4
3	Storm Time EMIC Waves Observed by Swarm and Van Allen Probe Satellites. Journal of Geophysical Research: Space Physics, 2019, 124, 293-312.	2.4	14
4	On the Role of Ionospheric Ions in Sawtooth Events. Journal of Geophysical Research: Space Physics, 2018, 123, 665-684.	2.4	8
5	Auroral precipitation/ion upwelling as a driver of neutral density enhancement in the cusp. Journal of Atmospheric and Solar-Terrestrial Physics, 2012, 87-88, 82-90.	1.6	24
6	Electron temperature in the cusp as measured with the SCIFERâ€2 sounding rocket. Journal of Geophysical Research, 2012, 117, .	3.3	7
7	Pi1B pulsations as a possible driver of AlfvÃ©nic aurora at substorm onset. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	17
8	Origin of ion-cyclotron turbulence in the downward Birkeland current region. Physics of Plasmas, 2011, 18, 022901.	1.9	1
9	On the dissipation scale of broadband ELF waves in the auroral region. Journal of Geophysical Research, 2010, 115, .	3.3	22
10	Effect of solar wind variation on lowâ€energy O⁺ populations in the magnetosphere during geomagnetic storms: FAST observations. Journal of Geophysical Research, 2008, 113, .	3.3	13
11	Twoâ€stage oscillatory response of the magnetopause to a tangential discontinuity/vortex sheet followed by northward IMF: Cluster observations. Journal of Geophysical Research, 2008, 113, .	3.3	14
12	Statistical properties of the multiple ion band structures observed by the FAST satellite. Journal of Geophysical Research, 2008, 113, .	3.3	6
13	Momentum transfer at the high-latitude magnetopause and boundary layers. Annales Geophysicae, 2008, 26, 2449-2458.	1.6	3
14	Ionospheric erosion by AlfvÃ©n waves. Journal of Geophysical Research, 2006, 111, .	3.3	102
15	Nature of Pi1B pulsations as inferred from ground and satellite observations. Geophysical Research Letters, 2006, 33, .	4.0	41
16	IMF By and the spatio-temporal structure of the dayside aurora. Geophysical Monograph Series, 2006, , 213-233.	0.1	3
17	Energy deposition by AlfvÃ©n waves into the dayside auroral oval: Cluster and FAST observations. Journal of Geophysical Research, 2005, 110, .	3.3	113
18	Nightside auroral zone and polar cap ion outflow as a function of substorm size and phase. Journal of Geophysical Research, 2004, 109, .	3.3	111

#	Article	IF	Citations
19	Auroral ion acceleration in dispersive AlfvÃ©n waves. Journal of Geophysical Research, 2004, 109, .	3.3	137
20	Pulsed flows at the high-altitude cusp poleward boundary, and associated ionospheric convection and particle signatures, during a Cluster - FAST - SuperDARN- SÃ¸ndrestrÃ¸m conjunction under a southwest IMF. Annales Geophysicae, 2004, 22, 2891-2905.	1.6	23
21	Electron and Ion Acceleration in the Unstable Auroral Ionosphere. Physica Scripta, 2004, T107, 213.	2.5	1
22	Polar, Cluster and SuperDARN evidence for high-latitude merging during southward IMF: temporal/spatial evolution. Annales Geophysicae, 2003, 21, 2233-2258.	1.6	18
23	A new perspective on plasma supply mechanisms to the magnetotail from a statistical comparison of dayside mirroring O+at low altitudes with lobe/mantle beams. Journal of Geophysical Research, 2002, 107, SMP 7-1.	3.3	17
24	Equator-S observations of He+energization by EMIC waves in the dawnside equatorial magnetosphere. Geophysical Research Letters, 2002, 29, 74-1-74-4.	4.0	23
25	Comment on â€œIdentification of widespread turbulence of dispersive AlfvÃ©n Wavesâ€•by K. Stasiewicz et al.. Geophysical Research Letters, 2001, 28, 1403-1404.	4.0	2
26	The relationship between suprathermal heavy ion outflow and auroral electron energy deposition: Polar/Ultraviolet Imager and Fast Auroral Snapshot/Time-of-Flight Energy Angle Mass Spectrometer observations. Journal of Geophysical Research, 2001, 106, 18981-18993.	3.3	20
27	Transverse ion acceleration mechanisms in the aurora at solar minimum: occurrence distributions. Journal of Atmospheric and Solar-Terrestrial Physics, 2000, 62, 467-475.	1.6	42
28	Cold flowing O+beams in the lobe/mantle at Geotail: Does FAST observe the source?. Journal of Geophysical Research, 2000, 105, 15931-15944.	3.3	20
29	Energy dependence of the ionic charge state distribution during the November 1997 solar energetic particle event. Geophysical Research Letters, 1999, 26, 145-148.	4.0	79
30	Mass-dependent effects in ion conic production: The role of parallel electric fields. Geophysical Research Letters, 1999, 26, 3593-3596.	4.0	19
31	Direct comparison of transverse ion acceleration mechanisms in the auroral region at solar minimum. Journal of Geophysical Research, 1999, 104, 22801-22805.	3.3	10
32	FAST observations of preferentially accelerated He+in association with auroral electromagnetic ion cyclotron waves. Geophysical Research Letters, 1998, 25, 2049-2052.	4.0	40
33	Species dependent energies in upward directed ion beams over auroral arcs as observed with FAST TEAMS. Geophysical Research Letters, 1998, 25, 2029-2032.	4.0	41
34	The plasma frequency tracker: An instrument for probing the frequency structure of narrow-Band MF/HF Electric Fields. Geophysical Monograph Series, 1998, , 169-174.	0.1	1
35	On the generation and propagation of auroral electromagnetic ion cyclotron waves. Journal of Geophysical Research, 1997, 102, 17241-17253.	3.3	23
36	Quasiâ€thermal fluctuations in a beamâ€plasma system. Physics of Plasmas, 1996, 3, 1234-1240.	1.9	26

#	Article	IF	Citations
37	Observation of electromagnetic oxygen cyclotron waves in a flickering aurora. Geophysical Research Letters, 1995, 22, 2465-2468.	4.0	31
38	On quasi-thermal fluctuations near the plasma frequency in the outer plasmasphere: A case study. Journal of Geophysical Research, 1994, 99, 23651.	3.3	24
39	Bispectral analysis of equatorial spread F density irregularities. Journal of Geophysical Research, 1992, 97, 8643-8651.	3.3	9
40	The Connection Between Parallel Electric Fields and Ion Acceleration in Astrophysical Plasmas. Geophysical Monograph Series, 0, , 109-115.	0.1	1