

Andreas Keiling

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,433
citations

566801

15
h-index

676716

22
g-index

25
all docs

25
docs citations

25
times ranked

929
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence for kinetic Alfvén waves and parallel electron energization at 4-6RE altitudes in the plasma sheet boundary layer. <i>Journal of Geophysical Research</i> , 2002, 107, SMP 24-1-SMP 24-15.	3.3	271
2	Polar spacecraft based comparisons of intense electric fields and Poynting flux near and within the plasma sheet-tail lobe boundary to UVI images: An energy source for the aurora. <i>Journal of Geophysical Research</i> , 2000, 105, 18675-18692.	3.3	250
3	The Global Morphology of Wave Poynting Flux: Powering the Aurora. <i>Science</i> , 2003, 299, 383-386.	6.0	136
4	Alfvén Waves and Their Roles in the Dynamics of the Earth's Magnetotail: A Review. <i>Space Science Reviews</i> , 2009, 142, 73-156.	3.7	133
5	Correlation of Alfvén wave Poynting flux in the plasma sheet at 4-7RE with ionospheric electron energy flux. <i>Journal of Geophysical Research</i> , 2002, 107, SMP 24-1.	3.3	105
6	Large Alfvén wave power in the plasma sheet boundary layer during the expansion phase of substorms. <i>Geophysical Research Letters</i> , 2000, 27, 3169-3172.	1.5	78
7	Alfvén waves and Poynting flux observed simultaneously by Polar and FAST in the plasma sheet boundary layer. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	66
8	Some properties of Alfvén waves: Observations in the tail lobes and the plasma sheet boundary layer. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	61
9	Properties of large electric fields in the plasma sheet at 4-7RE measured with Polar. <i>Journal of Geophysical Research</i> , 2001, 106, 5779-5798.	3.3	56
10	Pi2 pulsations observed with the Polar satellite and ground stations: Coupling of trapped and propagating fast mode waves to a midlatitude field line resonance. <i>Journal of Geophysical Research</i> , 2001, 106, 25891-25904.	3.3	43
11	Auroral Substorms, Poleward Boundary Activations, Auroral Streamers, Omega Bands, and Onset Precursor Activity. <i>Geophysical Monograph Series</i> , 0, , 39-54.	0.1	41
12	Cluster Observes the High-Altitude CUSP Region. <i>Surveys in Geophysics</i> , 2005, 26, 135-175.	2.1	34
13	The Acceleration Region of Stable Auroral Arcs. <i>Geophysical Monograph Series</i> , 0, , 227-240.	0.1	25
14	Assessing the global Alfvén wave power flow into and out of the auroral acceleration region during geomagnetic storms. <i>Science Advances</i> , 2019, 5, eaav8411.	4.7	23
15	Numerical modeling of Alfvén waves observed by the Polar spacecraft in the nightside plasma sheet boundary layer. <i>Journal of Geophysical Research</i> , 2002, 107, SMP 9-1-SMP 9-8.	3.3	21
16	Electrodynamics of a substorm-related field line resonance observed by the Polar satellite in comparison with ground Pi2 pulsations. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	19
17	Alfvén Wave Acceleration of Auroral Electrons in Warm Magnetospheric Plasma. <i>Geophysical Monograph Series</i> , 2013, , 251-260.	0.1	18
18	Auroral Morphology: A Historical Account and Major Auroral Features During Auroral Substorms. <i>Geophysical Monograph Series</i> , 2013, , 29-38.	0.1	12

#	ARTICLE	IF	CITATIONS
19	The Dynamics of the Alfvénic Oval. Journal of Atmospheric and Solar-Terrestrial Physics, 2021, 219, 105616.	0.6	8
20	Global Alfvén Wave Power in the Auroral Zone in Relation to the AE Index. Journal of Geophysical Research: Space Physics, 2019, 124, 8637-8646.	0.8	5
21	Temporal Evolution of Substorm-Driven Global Alfvén Wave Power Above the Auroral Acceleration Region. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027444.	0.8	5
22	Reconciliation of the substorm onset determined on the ground and at the Polar spacecraft. Geophysical Research Letters, 2001, 28, 107-110.	1.5	4
23	Statistical Properties and Proposed Source Mechanism of Recurrent Substorm Activity With One-Hour Periodicity. Journal of Geophysical Research: Space Physics, 2022, 127, .	0.8	4
24	Energetics and Alfvénic Coupling of a Poleward Boundary Intensification: A Polar Case Study. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA028041.	0.8	0