

# Tuija I Pulkkinen

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

239  
papers

6,931  
citations

42  
h-index

72  
g-index

268  
ext. papers

7,472  
ext. citations

3.4  
avg. IF

5.53  
L-index

#	Paper	IF	Citations
239	Remote sensing of cometary bow shocks: modelled asymmetric outgassing and pickup ion observations. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 506, 4735-4749	4.3	0
238	What sustained multi-disciplinary research can achieve: The space weather modeling framework. <i>Journal of Space Weather and Space Climate</i> , <b>2021</b> , 11, 42	2.5	10
237	Oxygen Ion Escape From Venus Is Modulated by Ultra-Low Frequency Waves. <i>Geophysical Research Letters</i> , <b>2020</b> , 47, e2020GL087462	4.9	7
236	Ultra-low-frequency waves in the ion foreshock of Mercury: a global hybrid modelling study. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 491, 4147-4161	4.3	12
235	Hybrid modeling of cometary plasma environments. <i>Astronomy and Astrophysics</i> , <b>2019</b> , 630, A45	5.1	5
234	Alfvén Ion Cyclotron Waves in Sheath Regions Driven by Interplanetary Coronal Mass Ejections. <i>Journal of Geophysical Research: Space Physics</i> , <b>2019</b> , 124, 3893-3909	2.6	9
233	Outer Van Allen Radiation Belt Response to Interacting Interplanetary Coronal Mass Ejections. <i>Journal of Geophysical Research: Space Physics</i> , <b>2019</b> , 124, 1927-1947	2.6	10
232	Direct evidence of nonstationary collisionless shocks in space plasmas. <i>Science Advances</i> , <b>2019</b> , 5, eaau9926	9.26	18
231	Jensen-Shannon Complexity and Permutation Entropy Analysis of Geomagnetic Auroral Currents. <i>Journal of Geophysical Research: Space Physics</i> , <b>2019</b> , 124, 2541	2.6	5
230	GUMICS-4 analysis of interplanetary coronal mass ejection impact on Earth during low and typical Mach number solar winds. <i>Annales Geophysicae</i> , <b>2019</b> , 37, 561-579	2	1
229	The Cross-Polar Cap Saturation in GUMICS-4 During High Solar Wind Driving. <i>Journal of Geophysical Research: Space Physics</i> , <b>2018</b> , 123, 3320-3332	2.6	4
228	High-Frequency Geomagnetic Fluctuations at Auroral Oval and Polar Cap. <i>Space Weather</i> , <b>2018</b> , 16, 105731072	3.1072	1
227	The Response of the Venusian Plasma Environment to the Passage of an ICME: Hybrid Simulation Results and Venus Express Observations. <i>Journal of Geophysical Research: Space Physics</i> , <b>2018</b> , 123, 3580-3601	2.6	7
226	Statistical analysis of mirror mode waves in sheath regions driven by interplanetary coronal mass ejection. <i>Annales Geophysicae</i> , <b>2018</b> , 36, 793-808	2	15
225	Dawn-Dusk Asymmetries of the Earth's Dayside Magnetosheath in the Magnetosheath Interplanetary Medium Reference Frame. <i>Geophysical Monograph Series</i> , <b>2017</b> , 49-72	1.1	5
224	The impact on global magnetohydrodynamic simulations from varying initialisation methods: results from GUMICS-4. <i>Annales Geophysicae</i> , <b>2017</b> , 35, 907-922	2	2
223	Subcritical Growth of Electron Phase-space Holes in Planetary Radiation Belts. <i>Astrophysical Journal</i> , <b>2017</b> , 846, 83	4.7	3

222	Coronal mass ejections and their sheath regions in interplanetary space. <i>Living Reviews in Solar Physics</i> , <b>2017</b> , 14, 5	24.8	155
221	Temperature variations in the dayside magnetosheath and their dependence on ion-scale magnetic structures: THEMIS statistics and measurements by MMS. <i>Journal of Geophysical Research: Space Physics</i> , <b>2017</b> , 122, 6165-6184	2.6	8
220	Tail reconnection in the global magnetospheric context: Vlasiator first results. <i>Annales Geophysicae</i> , <b>2017</b> , 35, 1269-1274	2	20
219	Solar wind-magnetosphere coupling efficiency during ejecta and sheath-driven geomagnetic storms. <i>Journal of Geophysical Research: Space Physics</i> , <b>2016</b> , 121, 4378-4396	2.6	22
218	ON THE CONNECTION BETWEEN MICROBURSTS AND NONLINEAR ELECTRONIC STRUCTURES IN PLANETARY RADIATION BELTS. <i>Astrophysical Journal</i> , <b>2016</b> , 816, 51	4.7	17
217	Magnetosheath control of solar wind-magnetosphere coupling efficiency. <i>Journal of Geophysical Research: Space Physics</i> , <b>2016</b> , 121, 8728-8739	2.6	18
216	The dawn-dusk asymmetry of ion density in the dayside magnetosheath and its annual variability measured by THEMIS. <i>Annales Geophysicae</i> , <b>2016</b> , 34, 511-528	2	9
215	Statistical mapping of ULF Pc3 velocity fluctuations in the Earth's dayside magnetosheath as a function of solar wind conditions. <i>Advances in Space Research</i> , <b>2016</b> , 58, 196-207	2.4	12
214	Unraveling the drivers of the storm time radiation belt response. <i>Geophysical Research Letters</i> , <b>2015</b> , 42, 3076-3084	4.9	70
213	Substorm Current Wedge Revisited. <i>Space Science Reviews</i> , <b>2015</b> , 190, 1-46	7.5	141
212	Solar wind energy input to the magnetosheath and at the magnetopause. <i>Geophysical Research Letters</i> , <b>2015</b> , 42, 4723-4730	4.9	9
211	The impact of solar wind ULF Bz fluctuations on geomagnetic activity for viscous timescales during strongly northward and southward IMF. <i>Journal of Geophysical Research: Space Physics</i> , <b>2015</b> , 120, 9307-9322	2.6	22
210	Universal properties of mirror mode turbulence in the Earth's magnetosheath. <i>Geophysical Research Letters</i> , <b>2015</b> , 42, 3085-3092	4.9	16
209	A statistical study of the dawn-dusk asymmetry of ion temperature anisotropy and mirror mode occurrence in the terrestrial dayside magnetosheath using THEMIS data. <i>Journal of Geophysical Research: Space Physics</i> , <b>2015</b> , 120, 5489-5503	2.6	30
208	Solar-wind control of plasma sheet dynamics. <i>Annales Geophysicae</i> , <b>2015</b> , 33, 845-855	2	2
207	A statistical study into the spatial distribution and dawn-dusk asymmetry of dayside magnetosheath ion temperatures as a function of upstream solar wind conditions. <i>Journal of Geophysical Research: Space Physics</i> , <b>2015</b> , 120, 2767-2782	2.6	29
206	MLT and seasonal dependence of auroral electrojets: IMAGE magnetometer network observations. <i>Journal of Geophysical Research: Space Physics</i> , <b>2014</b> , 119, 3179-3188	2.6	18
205	An influence of long-lasting and gradual magnetic flux transport on fate of magnetotail fast plasma flows: An energetic particle injection substorm event study. <i>Planetary and Space Science</i> , <b>2014</b> , 101, 135-148	2	1

204	Substorm occurrence during quiet solar wind driving. <i>Journal of Geophysical Research: Space Physics</i> , <b>2014</b> , 119, 2978-2989	2.6	4
203	Annual variations in westward auroral electrojet and substorm occurrence rate during solar cycle 23. <i>Journal of Geophysical Research: Space Physics</i> , <b>2014</b> , 119, 2061-2068	2.6	6
202	A statistical study of magnetic field fluctuations in the dayside magnetosheath and their dependence on upstream solar wind conditions. <i>Journal of Geophysical Research: Space Physics</i> , <b>2014</b> , 119, 6231-6248	2.6	33
201	On the threshold energization of radiation belt electrons by double layers. <i>Journal of Geophysical Research: Space Physics</i> , <b>2014</b> , 119, 8243-8248	2.6	7
200	Preface: Multi-Disciplinary Arctic Research for Science and Society. <i>Surveys in Geophysics</i> , <b>2014</b> , 35, 1093-1094		
199	Large-Scale Structure of the Magnetosphere. <i>Geophysical Monograph Series</i> , <b>2013</b> , 21-31	1.1	3
198	Testing the Hypothesis That Charge Exchange Can Cause a Two-Phase Decay. <i>Geophysical Monograph Series</i> , <b>2013</b> , 211-225	1.1	14
197	Substorm Associated Spikes in High Energy Particle Precipitation. <i>Geophysical Monograph Series</i> , <b>2013</b> , 227-236	1.1	7
196	Plasma sheet magnetic fields and flows during steady magnetospheric convection events. <i>Journal of Geophysical Research: Space Physics</i> , <b>2013</b> , 118, 6136-6144	2.6	8
195	Changes in solar wind-magnetosphere coupling with solar cycle, season, and time relative to stream interfaces. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , <b>2013</b> , 99, 1-13	2	25
194	The Earthward Edge of the Plasma Sheet in Magnetospheric Substorms. <i>Geophysical Monograph Series</i> , <b>2013</b> , 147-160	1.1	14
193	Auroral Signatures of Substorm Recovery Phase: A Case Study. <i>Geophysical Monograph Series</i> , <b>2013</b> , 333-341		12
192	Magnetic Field Models in the Inner Magnetosphere. <i>Geophysical Monograph Series</i> , <b>2013</b> , 161-166	1.1	2
191	The GUMICS-4 global MHD magnetosphere-ionosphere coupling simulation. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , <b>2012</b> , 80, 48-59	2	76
190	Auroral electrojets variations caused by recurrent high-speed solar wind streams during the extreme solar minimum of 2008. <i>Journal of Geophysical Research</i> , <b>2012</b> , 117, n/a-n/a		7
189	Alfvén: magnetosphere-ionosphere connection explorers. <i>Experimental Astronomy</i> , <b>2012</b> , 33, 445-489	1.3	8
188	Storm-time ring current: model-dependent results. <i>Annales Geophysicae</i> , <b>2012</b> , 30, 177-202	2	25
187	From space weather toward space climate time scales: Substorm analysis from 1993 to 2008. <i>Journal of Geophysical Research</i> , <b>2011</b> , 116,		35

186	Propagation of a shock-related disturbance in the Earth's magnetosphere. <i>Journal of Geophysical Research</i> , <b>2011</b> , 116, n/a-n/a		11
185	Auroral electrojets during deep solar minimum at the end of solar cycle 23. <i>Journal of Geophysical Research</i> , <b>2011</b> , 116, n/a-n/a		24
184	Contribution of magnetotail reconnection to the cross-polar cap electric potential drop. <i>Journal of Geophysical Research</i> , <b>2011</b> , 116, n/a-n/a		15
183	Energy conversion at the Earth's magnetopause using single and multispacecraft methods. <i>Journal of Geophysical Research</i> , <b>2011</b> , 116, n/a-n/a		15
182	Quantifying Energy Transfer at the Magnetopause <b>2011</b> , 29-37		1
181	Geoefficiency of solar wind discontinuities. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , <b>2011</b> , 73, 112-122	2	2
180	Spatial dependence of magnetopause energy transfer: Cluster measurements verifying global simulations. <i>Annales Geophysicae</i> , <b>2011</b> , 29, 823-838	2	7
179	On large plasmoid formation in a global magnetohydrodynamic simulation. <i>Annales Geophysicae</i> , <b>2011</b> , 29, 167-179	2	13
178	Magnetospheric modes and solar wind energy coupling efficiency. <i>Journal of Geophysical Research</i> , <b>2010</b> , 115, n/a-n/a		18
177	Magnetospheric feedback in solar wind energy transfer. <i>Journal of Geophysical Research</i> , <b>2010</b> , 115, n/a-n/a		13
176	Timing of changes in the solar wind energy input in relation to ionospheric response. <i>Journal of Geophysical Research</i> , <b>2010</b> , 115, n/a-n/a		4
175	Supermagnetosonic jets behind a collisionless quasiparallel shock. <i>Physical Review Letters</i> , <b>2009</b> , 103, 245001	7.4	95
174	Statistical survey on sawtooth events, SMCs and isolated substorms. <i>Advances in Space Research</i> , <b>2009</b> , 44, 376-384	2.4	22
173	On the response of ionospheric electrojets to solar wind discontinuities. <i>Annales Geophysicae</i> , <b>2009</b> , 27, 3791-3803	2	1
172	Different magnetospheric modes: solar wind driving and coupling efficiency. <i>Annales Geophysicae</i> , <b>2009</b> , 27, 4281-4291	2	17
171	Changes in the response of the AL Index with solar cycle and epoch within a corotating interaction region. <i>Annales Geophysicae</i> , <b>2009</b> , 27, 3165-3178	2	15
170	Magnetospheric currents during sawtooth events: Event-oriented magnetic field model analysis. <i>Journal of Geophysical Research</i> , <b>2008</b> , 113, n/a-n/a		15
169	Shock propagation in the magnetosphere: Observations and MHD simulations compared. <i>Journal of Geophysical Research</i> , <b>2008</b> , 113, n/a-n/a		20

168	Multispacecraft and ground-based observations of substorm timing and activations: Two case studies. <i>Journal of Geophysical Research</i> , <b>2008</b> , 113, n/a-n/a		18
167	Energy as a tracer of magnetospheric processes: GUMICS-4 global MHD results and observations compared. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , <b>2008</b> , 70, 687-707	2	8
166	Solar wind-magnetosphere coupling efficiency for solar wind pressure impulses. <i>Geophysical Research Letters</i> , <b>2007</b> , 34,	4.9	12
165	Comparative statistical analysis of storm time activations and sawtooth events. <i>Journal of Geophysical Research</i> , <b>2007</b> , 112, n/a-n/a		41
164	Magnetospheric convection during intermediate driving: Sawtooth events and steady convection intervals as seen in Lyon-Fedder-Mobarry global MHD simulations. <i>Journal of Geophysical Research</i> , <b>2007</b> , 112, n/a-n/a		22
163	What drives magnetospheric activity under northward IMF conditions?. <i>Geophysical Research Letters</i> , <b>2007</b> , 34,	4.9	17
162	Solar wind electric field driving of magnetospheric activity: Is it velocity or magnetic field?. <i>Geophysical Research Letters</i> , <b>2007</b> , 34,	4.9	19
161	Continuous reconnection line and pressure-dependent energy conversion on the magnetopause in a global MHD model. <i>Journal of Geophysical Research</i> , <b>2007</b> , 112, n/a-n/a		47
160	Differences in geomagnetic storms driven by magnetic clouds and ICME sheath regions. <i>Geophysical Research Letters</i> , <b>2007</b> , 34,	4.9	51
159	Solar wind-magnetosphere coupling: A review of recent results. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , <b>2007</b> , 69, 256-264	2	22
158	Global auroral imaging in the ILWS era. <i>Advances in Space Research</i> , <b>2007</b> , 40, 409-418	2.4	4
157	Space Weather: Terrestrial Perspective. <i>Living Reviews in Solar Physics</i> , <b>2007</b> , 4, 1	24.8	127
156	Auroral streamers and magnetic flux closure. <i>Geophysical Research Letters</i> , <b>2007</b> , 34,	4.9	4
155	Multi-spacecraft observation of plasma dipolarization/injection in the inner magnetosphere. <i>Annales Geophysicae</i> , <b>2007</b> , 25, 801-814	2	82
154	Hysteresis in solar wind power input to the magnetosphere. <i>Geophysical Research Letters</i> , <b>2006</b> , 33,	4.9	17
153	New interpretation of magnetospheric energy circulation. <i>Geophysical Research Letters</i> , <b>2006</b> , 33,	4.9	14
152	Magnetosphere preconditioning under northward IMF: Evidence from the study of coronal mass ejection and corotating interaction region geoeffectiveness. <i>Journal of Geophysical Research</i> , <b>2006</b> , 111,		60
151	Compression of the Earth's magnetotail by interplanetary shocks directly drives transient magnetic flux closure. <i>Geophysical Research Letters</i> , <b>2006</b> , 33, n/a-n/a	4.9	33

150	Evolution of the proton ring current energy distribution during 21-25 April 2001 storm. <i>Journal of Geophysical Research</i> , <b>2006</b> , 111,		29
149	Magnetospheric current systems during stormtime sawtooth events. <i>Journal of Geophysical Research</i> , <b>2006</b> , 111,		35
148	On the characterization of magnetic reconnection in global MHD simulations. <i>Annales Geophysicae</i> , <b>2006</b> , 24, 3059-3069	2	30
147	Magnetopause energy and mass transfer: results from a global MHD simulation. <i>Annales Geophysicae</i> , <b>2006</b> , 24, 3467-3480	2	28
146	Transition from substorm growth to substorm expansion phase as observed with a radial configuration of ISTP and Cluster spacecraft. <i>Annales Geophysicae</i> , <b>2005</b> , 23, 2183-2198	2	22
145	Multipulse and double-pulse velocities of Scandinavian Twin Auroral Radar Experiment (STARE) echoes. <i>Radio Science</i> , <b>2005</b> , 40, n/a-n/a	1.4	4
144	Magnetospheric substorms are strongly modulated by interplanetary high-speed streams. <i>Geophysical Research Letters</i> , <b>2005</b> , 32,	4.9	52
143	Drivers of the Inner Magnetosphere. <i>Geophysical Monograph Series</i> , <b>2005</b> , 135-145	1.1	4
142	Storm-substorm coupling during 16 Hours of Dst steadily at $\approx 150$ nT. <i>Geophysical Monograph Series</i> , <b>2005</b> , 155-161	1.1	4
141	Energetics of a substorm on 15 August, 2001: Comparing empirical methods and a global MHD simulation. <i>Advances in Space Research</i> , <b>2005</b> , 36, 1825-1829	2.4	7
140	Sources, Transport, and Losses of Energetic Particles During Geomagnetic Storms. <i>Geophysical Monograph Series</i> , <b>2005</b> , 9-21	1.1	11
139	Particle Acceleration in the Inner Magnetosphere. <i>Geophysical Monograph Series</i> , <b>2005</b> , 73-85	1.1	13
138	Magnetospheric Substorms and the Sources of Inner Magnetosphere Particle Acceleration. <i>Geophysical Monograph Series</i> , <b>2005</b> , 105-111	1.1	5
137	Energization of the Inner Magnetosphere by Solar Wind Pressure Pulses. <i>Geophysical Monograph Series</i> , <b>2005</b> , 113-119	1.1	1
136	Injection of Energetic Ions During the 31 March 0630 Substorm. <i>Geophysical Monograph Series</i> , <b>2005</b> , 147-154	1.1	14
135	Comparison of MHD Simulations of Isolated and Storm Time Substorms. <i>Geophysical Monograph Series</i> , <b>2005</b> , 271-281	1.1	6
134	Global Magnetospheric Dynamics During Magnetic Storms of Different Intensities. <i>Geophysical Monograph Series</i> , <b>2005</b> , 293-300	1.1	
133	Role of substorm-associated impulsive electric fields in the ring current development during storms. <i>Annales Geophysicae</i> , <b>2005</b> , 23, 579-591	2	62



132	Relation between the ring current and the tail current during magnetic storms. <i>Annales Geophysicae</i> , <b>2005</b> , 23, 523-533	2	39
131	The magnetotail reconnection region in a global MHD simulation. <i>Annales Geophysicae</i> , <b>2005</b> , 23, 3753-3764		13
130	Assessment of ionospheric Joule heating by GUMICS-4 MHD simulation, AMIE, and satellite-based statistics: towards a synthesis. <i>Annales Geophysicae</i> , <b>2005</b> , 23, 2051-2068	2	38
129	Proton isotropy boundaries as measured on mid- and low-altitude satellites. <i>Annales Geophysicae</i> , <b>2005</b> , 23, 1839-1847	2	19
128	Ionospheric energy input as a function of solar wind parameters: global MHD simulation results. <i>Annales Geophysicae</i> , <b>2004</b> , 22, 549-566	2	37
127	Long-term evolution of magnetospheric current systems during storms. <i>Annales Geophysicae</i> , <b>2004</b> , 22, 1317-1334	2	49
126	. <i>IEEE Transactions on Plasma Science</i> , <b>2004</b> , 32, 1511-1518	1.3	3
125	Role of solar wind dynamic pressure in driving ionospheric Joule heating. <i>Journal of Geophysical Research</i> , <b>2004</b> , 109,		29
124	Stationary Nose Structures of Protons in the Inner Magnetosphere: Observations by the ION Instrument onboard the Interball-2 Satellite and Modeling. <i>Cosmic Research</i> , <b>2003</b> , 41, 3-12	0.6	19
123	Locations of proton isotropic boundaries as measured by conjugate high-altitude and low-altitude satellites. <i>Advances in Space Research</i> , <b>2003</b> , 31, 1265-1270	2.4	
122	Magnetotail flows can consume as much solar wind energy as a substorm. <i>Journal of Geophysical Research</i> , <b>2003</b> , 108,		2
121	Evidence of near-Earth breakup location. <i>Geophysical Research Letters</i> , <b>2003</b> , 30,	4.9	40
120	A pseudo-breakup observation: Localized current wedge across the postmidnight auroral oval. <i>Journal of Geophysical Research</i> , <b>2003</b> , 108, SIA 4-1		12
119	Seasonal and diurnal variation of geomagnetic activity: Revised Dst versus external drivers. <i>Journal of Geophysical Research</i> , <b>2003</b> , 108,		24
118	Stormtime energy transfer in global MHD simulation. <i>Journal of Geophysical Research</i> , <b>2003</b> , 108,		85
117	Interplanetary Lyman alpha observations of swan during the rising phase of the 23rd solar cycle. <i>Advances in Space Research</i> , <b>2002</b> , 29, 457-462	2.4	3
116	Timing and location of phenomena during auroral breakup: A case study. <i>Advances in Space Research</i> , <b>2002</b> , 30, 1775-1778	2.4	4
115	Particle tracing in the Earth's magnetosphere and the ring current formation during storm times. <i>Advances in Space Research</i> , <b>2002</b> , 30, 1817-1820	2.4	8



114	Energy dissipation during a geomagnetic storm: May 1998. <i>Advances in Space Research</i> , <b>2002</b> , 30, 2231-2240		18
113	Dissipation to the joule heating: Isolated and stormtime substorms. <i>Advances in Space Research</i> , <b>2002</b> , 30, 2305-2311	2.4	7
112	Storm time ring current magnetic field modeling during May 15, 1997 event. <i>Advances in Space Research</i> , <b>2002</b> , 30, 2175-2180	2.4	2
111	Effects of induced currents on Dst and on magnetic variations at midlatitude stations. <i>Journal of Geophysical Research</i> , <b>2002</b> , 107, SMP 7-1		37
110	Modeling the ring current magnetic field during storms. <i>Journal of Geophysical Research</i> , <b>2002</b> , 107, SMP 3-1		29
109	Substorm energy budget during low and high solar activity: 1997 and 1999 compared. <i>Journal of Geophysical Research</i> , <b>2002</b> , 107, SMP 15-1		99
108	April 2000 magnetic storm: Solar wind driver and magnetospheric response. <i>Journal of Geophysical Research</i> , <b>2002</b> , 107, SMP 15-1-SMP 15-21		39
107	A statistical study of evening sector arcs and electrojets. <i>Advances in Space Research</i> , <b>2001</b> , 28, 1605-1610.4	2.4	10
106	A search engine for auroral forms. <i>Advances in Space Research</i> , <b>2001</b> , 28, 1611-1616	2.4	10
105	How to address the accuracy of empirical magnetic field models?. <i>Advances in Space Research</i> , <b>2001</b> , 28, 1717-1726	2.4	2
104	Energy transport and dissipation in the magnetosphere during geomagnetic storms. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , <b>2001</b> , 63, 421-429	2	26
103	The global efficiency of relativistic electron production in the Earth's magnetosphere. <i>Journal of Geophysical Research</i> , <b>2001</b> , 106, 19169-19178		30
102	Energy content in the storm time ring current. <i>Journal of Geophysical Research</i> , <b>2001</b> , 106, 19149-19156		72
101	Near Earth Current Meander (Necm) Model of Substorms. <i>Space Science Reviews</i> , <b>2001</b> , 95, 399-414	7.5	5
100	The SunEarth Connection in Time Scales from Years to Decades and Centuries. <i>Space Science Reviews</i> , <b>2001</b> , 95, 625-637	7.5	30
99	Auroral observations in Finland: Results from all-sky cameras, 1973-1997. <i>Journal of Geophysical Research</i> , <b>2001</b> , 106, 8109-8118		12
98	Reconciliation of the substorm onset determined on the ground and at the Polar spacecraft. <i>Geophysical Research Letters</i> , <b>2001</b> , 28, 107-110	4.9	4
97	Formation of intense nose structures. <i>Geophysical Research Letters</i> , <b>2001</b> , 28, 491-494	4.9	48

96	A study of inverted-V auroral acceleration mechanisms using Polar/Fast Auroral Snapshot conjunctions. <i>Journal of Geophysical Research</i> , <b>2001</b> , 106, 18995-19011		9
95	Mesoscale ionospheric electrodynamics observed with the MIRACLE network: 1. Analysis of a pseudobreakup spiral. <i>Journal of Geophysical Research</i> , <b>2001</b> , 106, 24675-24690		8
94	Location of high-altitude cusp during steady solar wind conditions. <i>Journal of Geophysical Research</i> , <b>2001</b> , 106, 21109-21122		28
93	Cusp and magnetopause locations in global MHD simulation. <i>Journal of Geophysical Research</i> , <b>2001</b> , 106, 29435-29450		28
92	Ring current ion composition during solar minimum and rising solar activity: Polar/CAMMICE/MICS results. <i>Journal of Geophysical Research</i> , <b>2001</b> , 106, 19131-19147		39
91	At substorm onset, 40% of AL comes from underground. <i>Journal of Geophysical Research</i> , <b>2001</b> , 106, 13119-13134		51
90	Statistical study of auroral spirals. <i>Journal of Geophysical Research</i> , <b>2001</b> , 106, 15415-15428		15
89	Coordinated Cluster, ground-based instrumentation and low-altitude satellite observations of transient poleward-moving events in the ionosphere and in the tail lobe. <i>Annales Geophysicae</i> , <b>2001</b> , 19, 1589-1612	2	18
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