

Bruce T Tsurutani

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.

495
papers

24,388
citations

80
h-index

135
g-index

511
ext. papers

26,334
ext. citations

4.2
avg, IF

6.57
L-index

#	Paper	IF	Citations
495	Near-Earth Sub-Alfvénic Solar Winds: Interplanetary Origins and Geomagnetic Impacts. <i>Astrophysical Journal</i> , 2022 , 926, 135	4.7	0
494	Observational Evidence for Whistler Mode Waves Guided/Ducted by the Inner and Outer Edges of the Plasmapause. <i>Geophysical Research Letters</i> , 2021 , 48, e2021GL092652	4.9	5
493	In Situ Observations of Whistler-Mode Chorus Waves Guided by Density Ducts. <i>Journal of Geophysical Research: Space Physics</i> , 2021 , 126, e2020JA028814	2.6	10
492	Steepening of magnetosonic waves in the inner coma of comet 67P/Churyumov-Gerasimenko. <i>Annales Geophysicae</i> , 2021 , 39, 721-742	2	3
491	The Interplanetary and Magnetospheric causes of Geomagnetically Induced Currents (GICs) > 10 A in the MØtsiFinland Pipeline: 1999 through 2019. <i>Journal of Space Weather and Space Climate</i> , 2021 , 11, 23	2.5	8
490	The Interplanetary and Magnetospheric causes of Geomagnetically Induced Currents (GICs) > 10 A in the MØtsiFinland Pipeline: 1999 through 2019 [Erratum]. <i>Journal of Space Weather and Space Climate</i> , 2021 , 11, 32	2.5	2
489	The physics of space weather/solar-terrestrial physics (STP): what we know now and what the current and future challenges are. <i>Nonlinear Processes in Geophysics</i> , 2020 , 27, 75-119	2.9	24
488	In Situ Observations of the Formation of Periodic Collisionless Plasma Shocks from Fast Mode Waves. <i>Astrophysical Journal Letters</i> , 2020 , 888, L17	7.9	5
487	Ionospheric total electron content of comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2020 , 635, A51	5.1	0
486	The Complex Space Weather Events of 2017 September. <i>Astrophysical Journal</i> , 2020 , 899, 3	4.7	16
485	Observational Evidence for Fast Mode Periodic Small-scale Shocks: A New Type of Plasma Phenomenon. <i>Astrophysical Journal Letters</i> , 2020 , 905, L4	7.9	3
484	Lower-Band Monochromatic Chorus Riser Subelement/Wave Packet Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2020 , 125, e2020JA028090	2.6	12
483	Thermosphere-Ionosphere Modeling With Forecastable Inputs: Case Study of the June 2012 High-Speed Stream Geomagnetic Storm. <i>Space Weather</i> , 2020 , 18, e2019SW002352	3.7	1
482	Statistical Evidence for EMIC Wave Excitation Driven by Substorm Injection and Enhanced Solar Wind Pressure in the Earth's Magnetosphere: Two Different EMIC Wave Sources. <i>Geophysical Research Letters</i> , 2020 , 47, e2020GL090275	4.9	9
481	Medium-Range Forecasting of Solar Wind: A Case Study of Building Regression Model With Space Weather Forecast Testbed (SWFT). <i>Space Weather</i> , 2020 , 18, e2019SW002433	3.7	0
480	Ion and Electron Dynamics in the Presence of Mirror, Electromagnetic Ion Cyclotron, and Whistler Waves. <i>Astrophysical Journal</i> , 2019 , 883, 185	4.7	7
479	Unusually high magnetic fields in the coma of 67P/Churyumov-Gerasimenko during its high-activity phase. <i>Astronomy and Astrophysics</i> , 2019 , 630, A38	5.1	7

478	The Solar and Interplanetary Causes of Superstorms (Minimum Dst ≥ 50 nT) During the Space Age. <i>Journal of Geophysical Research: Space Physics</i> , 2019 , 124, 3926-3948	2.6	27
477	Comment on First Observation of Mesosphere Response to the Solar Wind High-Speed Streams by W. Yi et al.. <i>Journal of Geophysical Research: Space Physics</i> , 2019 , 124, 8165-8168	2.6	2
476	Low Frequency (f Journal of Geophysical Research: Space Physics, 2019 , 124, 10063-10084	2.6	6
475	Supergeomagnetic Storms: Past, Present, and Future 2018 , 157-185		12
474	Magnetospheric Killer Relativistic Electron Dropouts (REDs) and Repopulation: A Cyclical Process 2018 , 373-400		10
473	Ionosphere and Thermosphere Responses to Extreme Geomagnetic Storms 2018 , 493-511		2
472	A Review of Alfvénic Turbulence in High-Speed Solar Wind Streams: Hints From Cometary Plasma Turbulence. <i>Journal of Geophysical Research: Space Physics</i> , 2018 , 123, 2458-2492	2.6	35
471	Comment on Modeling Extreme Carrington-Type Space Weather Events Using Three-Dimensional Global MHD Simulations by C. M. Ngwira, A. Pulkkinen, M. M. Kuznetsova, and A. Gloer Journal of Geophysical Research: Space Physics, 2018 , 123, 1388-1392	2.6	12
470	Dynamic unmagnetized plasma in the diamagnetic cavity around comet 67P/Churyumov-Gerasimenko. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 475, 4140-4147	4.3	16
469	Preface: Nonlinear waves and chaos. <i>Nonlinear Processes in Geophysics</i> , 2018 , 25, 477-479	2.9	
468	Plasmaspheric Hiss: Coherent and Intense. <i>Journal of Geophysical Research: Space Physics</i> , 2018 , 123, 10,009-10,029	2.6	13
467	Cometary plasma response to interplanetary corotating interaction regions during 2016 June-September: a quantitative study by the Rosetta Plasma Consortium. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 480, 4544-4556	4.3	18
466	Interplanetary Shocks Inducing Magnetospheric Supersubstorms (SML Astrophysical Journal, 2018 , 858, 123	4.7	19
465	Geomagnetically Induced Currents Caused by Interplanetary Shocks With Different Impact Angles and Speeds. <i>Space Weather</i> , 2018 , 16, 636-647	3.7	30
464	A correlation study regarding the AE index and ACE solar wind data for Alfvénic intervals using wavelet decomposition and reconstruction. <i>Nonlinear Processes in Geophysics</i> , 2018 , 25, 67-76	2.9	10
463	Possible Influence of Extreme Magnetic Storms on the Thermosphere in the High Latitudes. <i>Space Weather</i> , 2018 , 16, 802-813	3.7	5
462	Comment on Effects of electron temperature anisotropy on proton mirror instability evolution by Ahmadi et al. (2016). <i>Journal of Geophysical Research: Space Physics</i> , 2017 , 122, 745-747	2.6	6
461	Coherency and ellipticity of electromagnetic ion cyclotron waves: Satellite observations and simulations. <i>Journal of Geophysical Research: Space Physics</i> , 2017 , 122, 3374-3396	2.6	8

460	Two sources of dayside intense, quasi-coherent plasmaspheric hiss: A new mechanism for the slot region?. <i>Journal of Geophysical Research: Space Physics</i> , 2017 , 122, 1643-1657	2.6	15
459	The distribution of oscillation frequency of magnetic field and plasma parameters in BBFs: THEMIS statistics. <i>Journal of Geophysical Research: Space Physics</i> , 2017 , 122, 4325-4334	2.6	2
458	High-speed solar wind stream effects on the topside ionosphere over Arecibo: A case study during solar minimum. <i>Geophysical Research Letters</i> , 2017 , 44, 7607-7617	4.9	10
457	Satellite drag effects due to uplifted oxygen neutrals during super magnetic storms. <i>Nonlinear Processes in Geophysics</i> , 2017 , 24, 745-750	2.9	7
456	Impact of a cometary outburst on its ionosphere. <i>Astronomy and Astrophysics</i> , 2017 , 607, A34	5.1	17
455	Geomagnetic storms: historical perspective to modern view. <i>Geoscience Letters</i> , 2016 , 3,	3.5	56
454	Effects of Interplanetary Shock Inclinations on Nightside Auroral Power Intensity. <i>Brazilian Journal of Physics</i> , 2016 , 46, 97-104	1.2	13
453	Mirror mode waves in Venus's magnetosheath: solar minimum vs. solar maximum. <i>Annales Geophysicae</i> , 2016 , 34, 1099-1108	2	19
452	Two-point observations of low-frequency waves at 67P/Churyumov-Gerasimenko during the descent of PHILAE: comparison of RPCMAG and ROMAP. <i>Annales Geophysicae</i> , 2016 , 34, 609-622	2	30
451	Statistical characterization of ionosphere anomalies and their relationship to space weather events. <i>Journal of Space Weather and Space Climate</i> , 2016 , 6, A5	2.5	12
450	On forecasting ionospheric total electron content responses to high-speed solar wind streams. <i>Journal of Space Weather and Space Climate</i> , 2016 , 6, A19	2.5	7
449	Outer radiation belt dropout dynamics following the arrival of two interplanetary coronal mass ejections. <i>Geophysical Research Letters</i> , 2016 , 43, 978-987	4.9	20
448	An empirical model of ionospheric total electron content (TEC) near the crest of the equatorial ionization anomaly (EIA). <i>Journal of Space Weather and Space Climate</i> , 2016 , 6, A29	2.5	19
447	Estimation of energy budget of ionosphere-thermosphere system during two CIR-HSS events: observations and modeling. <i>Journal of Space Weather and Space Climate</i> , 2016 , 6, A20	2.5	8
446	Polarization of obliquely propagating whistler mode waves based on linear dispersion theory. <i>Physics of Plasmas</i> , 2016 , 23, 122120	2.1	6
445	Heliospheric plasma sheet (HPS) impingement onto the magnetosphere as a cause of relativistic electron dropouts (REDs) via coherent EMIC wave scattering with possible consequences for climate change mechanisms. <i>Journal of Geophysical Research: Space Physics</i> , 2016 , 121, 10,130-10,156	2.6	39
444	Solar wind driving of ionosphere-thermosphere responses in three storms near St. Patrick's Day in 2012, 2013, and 2015. <i>Journal of Geophysical Research: Space Physics</i> , 2016 , 121, 8900-8923	2.6	34
443	Supersubstorms (SML). <i>Journal of Geophysical Research: Space Physics</i> , 2016 , 121, 7805-7816	2.6	36

442	Localized thermosphere ionization events during the high-speed stream interval of 29 April to 5 May 2011. <i>Journal of Geophysical Research: Space Physics</i> , 2015 , 120, 675-696	2.6	7
441	Medium-Range Thermosphere-Ionosphere Storm Forecasts. <i>Space Weather</i> , 2015 , 13, 125-129	3.7	17
440	Plasmaspheric hiss properties: Observations from Polar. <i>Journal of Geophysical Research: Space Physics</i> , 2015 , 120, 414-431	2.6	58
439	Electromagnetic cyclotron waves in the dayside subsolar outer magnetosphere generated by enhanced solar wind pressure: EMIC wave coherency. <i>Journal of Geophysical Research: Space Physics</i> , 2015 , 120, 7536-7551	2.6	28
438	Relativistic electron acceleration during HILDCAA events: are precursor CIR magnetic storms important?. <i>Earth, Planets and Space</i> , 2015 , 67,	2.9	21
437	On scientific inference in geophysics and the use of numerical simulations for scientific investigations. <i>Earth and Space Science</i> , 2015 , 2, 359-367	3.1	2
436	Observation of a new type of low-frequency waves at comet 67P/Churyumov-Gerasimenko. <i>Annales Geophysicae</i> , 2015 , 33, 1031-1036	2	59
435	Use of radio occultation to probe the high-latitude ionosphere. <i>Atmospheric Measurement Techniques</i> , 2015 , 8, 2789-2800	4	8
434	Short-term variability of the Sun-Earth system: an overview of progress made during the CAWSES-II period. <i>Progress in Earth and Planetary Science</i> , 2015 , 2,	3.9	38
433	RELATIVISTIC ($E > 0.6$, > 2.0 , AND > 4.0 MeV) ELECTRON ACCELERATION AT GEOSYNCHRONOUS ORBIT DURING HIGH-INTENSITY, LONG-DURATION, CONTINUOUS AE ACTIVITY (HILDCAA) EVENTS. <i>Astrophysical Journal</i> , 2015 , 799, 39	4.7	35
432	Extremely intense (SML ≥ 500 nT) substorms: isolated events that are externally triggered?. <i>Annales Geophysicae</i> , 2015 , 33, 519-524	2	47
431	Extremely intense ELF magnetosonic waves: A survey of polar observations. <i>Journal of Geophysical Research: Space Physics</i> , 2014 , 119, 964-977	2.6	69
430	Tohoku-Oki earthquake caused major ionospheric disturbances at 450 km altitude over Alaska. <i>Radio Science</i> , 2014 , 49, 1206-1213	1.4	20
429	Solar filament impact on 21 January 2005: Geospace consequences. <i>Journal of Geophysical Research: Space Physics</i> , 2014 , 119, 5401-5448	2.6	18
428	LARGE-AMPLITUDE, CIRCULARLY POLARIZED, COMPRESSIVE, OBLIQUELY PROPAGATING ELECTROMAGNETIC PROTON CYCLOTRON WAVES THROUGHOUT THE EARTH'S MAGNETOSHEATH: LOW PLASMA CONDITIONS. <i>Astrophysical Journal</i> , 2014 , 793, 6	4.7	15
427	Superposed epoch analyses of HILDCAAs and their interplanetary drivers: Solar cycle and seasonal dependences. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2014 , 121, 24-31	2	24
426	Solar wind-magnetosphere energy coupling efficiency and partitioning: HILDCAAs and preceding CIR storms during solar cycle 23. <i>Journal of Geophysical Research: Space Physics</i> , 2014 , 119, 2675-2690	2.6	41
425	The interplanetary causes of geomagnetic activity during the 7-17 March 2012 interval: a CAWSES II overview. <i>Journal of Space Weather and Space Climate</i> , 2014 , 4, A02	2.5	44

424	An extreme coronal mass ejection and consequences for the magnetosphere and Earth. <i>Geophysical Research Letters</i> , 2014 , 41, 287-292	4.9	45
423	Relativistic electron acceleration during high-intensity, long-duration, continuous AE activity (HILDCAA) events: Solar cycle phase dependences. <i>Geophysical Research Letters</i> , 2014 , 41, 1876-1881	4.9	40
422	Introduction to this Special Issue "Nonlinear waves and chaos in space plasmas". <i>Nonlinear Processes in Geophysics</i> , 2014 , 21, 583-585	2.9	
421	Carl Friedrich Gauss <i>General Theory of Terrestrial Magnetism&/i>; a revised translation of the German text. <i>History of Geo- and Space Sciences</i> , 2014 , 5, 11-62	1	9
420	Solar cycle dependence of High-Intensity Long-Duration Continuous AE Activity (HILDCAA) events, relativistic electron predictors?. <i>Journal of Geophysical Research: Space Physics</i> , 2013 , 118, 5626-5638	2.6	68
419	Energetic electron (>10 keV) microburst precipitation, ~50 s X-ray pulsations, chorus, and wave-particle interactions: A review. <i>Journal of Geophysical Research: Space Physics</i> , 2013 , 118, 2296-2312	2.6	59
418	SLAMS at comet 19P/Borrelly: DS1 observations. <i>Planetary and Space Science</i> , 2013 , 75, 17-27	2	11
417	Strong Hydromagnetic Turbulence Associated with Comet Giacobini-Zinner. <i>Special Publications</i> , 2013 , 259-262		
416	Hydromagnetic Waves and Instabilities Associated with Cometary Ion Pickup: Ice Observations. <i>Special Publications</i> , 2013 , 263-266		
415	Steepened Magnetosonic Waves at Comet Giacobini-Zinner. <i>Special Publications</i> , 2013 , 11074-11082		
414	Plasma Wave Observations at Comets Giacobini-Zinner and Halley. <i>Geophysical Monograph Series</i> , 2013 , 31-40	1.1	11
413	Generation of Elf Electromagnetic Waves and Diffusion of Energetic Electrons in Steady and Non-Steady State Situations in the Earth's Magnetosphere. <i>Geophysical Monograph Series</i> , 2013 , 119-133	1.1	3
412	Discrete Electromagnetic Emissions in Planetary Magnetospheres. <i>Geophysical Monograph Series</i> , 2013 , 81-117	1.1	14
411	Interplanetary origins of moderate (~100 nT) magnetic storms. <i>Journal of Geophysical Research: Space Physics</i> , 2013 , 118, 385-392	2.6	49
410	Theoretical analysis of Poynting flux and polarization for ELF-VLF electromagnetic waves in the Earth's magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2013 , 118, 7695-7702	2.6	9
409	Earth's collision with a solar filament on 21 January 2005: Overview. <i>Journal of Geophysical Research: Space Physics</i> , 2013 , 118, 5967-5978	2.6	18
408	Ion temperature anisotropy instabilities in planetary magnetosheaths. <i>Journal of Geophysical Research: Space Physics</i> , 2013 , 118, 785-793	2.6	25
407	Variability of ionospheric TEC during solar and geomagnetic minima (2008 and 2009): external high speed stream drivers. <i>Annales Geophysicae</i> , 2013 , 31, 263-276	2	42

406	Comment on "Storming the Bastille: the effect of electric fields on the ionospheric F-layer" by Rishbeth et al. (2010). <i>Annales Geophysicae</i> , 2013 , 31, 145-150	2	16
405	CROSS-FIELD DIFFUSION OF ENERGETIC (100 keV to 2 MeV) PROTONS IN INTERPLANETARY SPACE. <i>Astrophysical Journal</i> , 2013 , 778, 180	4.7	6
404	Microinstabilities and Anomalous Transport. <i>Geophysical Monograph Series</i> , 2013 , 59-90	1.1	50
403	Characteristics of the Magnetohydrodynamic Waves Observed in the Earth's Magnetosphere and on the Ground. <i>Geophysical Monograph Series</i> , 2013 , 197-219	1.1	
402	Comets: a Laboratory for Plasma Waves and Instabilities. <i>Geophysical Monograph Series</i> , 2013 , 189-209	1.1	38
401	A Quarter Century of Collisionless Shock Research. <i>Geophysical Monograph Series</i> , 2013 , 1-36	1.1	170
400	Particle Scattering and Acceleration in a Turbulent Plasma Around Comets. <i>Geophysical Monograph Series</i> , 2013 , 41-49	1.1	32
399	Ultra-Low Frequency Waves at Comets. <i>Geophysical Monograph Series</i> , 2013 , 13-29	1.1	35
398	Theory of the Drift Mirror Instability. <i>Geophysical Monograph Series</i> , 2013 , 173-177	1.1	8
397	Acceleration of Energetic Particles. <i>Geophysical Monograph Series</i> , 2013 , 91-114	1.1	52
396	Dayside ELF electromagnetic wave survey: A Polar statistical study of chorus and hiss. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		27
395	How Do Coronal Hole Storms Affect the Upper Atmosphere?. <i>Eos</i> , 2012 , 93, 77-79	1.5	5
394	Coronal Density Structures and CMEs: Superior Solar Conjunctions of Mars Express, Venus Express, and Rosetta: 2004, 2006, and 2008. <i>Solar Physics</i> , 2012 , 279, 127-152	2.6	15
393	Anisotropic pitch angle distribution of ~100 keV microburst electrons in the loss cone: measurements from STSAT-1. <i>Annales Geophysicae</i> , 2012 , 30, 1567-1573	2	9
392	Extreme changes in the dayside ionosphere during a Carrington-type magnetic storm. <i>Journal of Space Weather and Space Climate</i> , 2012 , 2, A05	2.5	18
391	Supermagnetic Storms: Hazard to Society. <i>Geophysical Monograph Series</i> , 2012 , 267-278	1.1	16
390	Magnetosheath and heliosheath mirror mode structures, interplanetary magnetic decreases, and linear magnetic decreases: Differences and distinguishing features. <i>Journal of Geophysical Research</i> , 2011 , 116, n/a-n/a		91
389	Quasi-coherent chorus properties: 1. Implications for wave-particle interactions. <i>Journal of Geophysical Research</i> , 2011 , 116, n/a-n/a		38

388	Ionospheric VTEC and thermospheric infrared emission dynamics during corotating interaction region and high-speed stream intervals at solar minimum: 25 March to 26 April 2008. <i>Journal of Geophysical Research</i> , 2011 , 116, n/a-n/a		29
387	Solar wind energy input during prolonged, intense northward interplanetary magnetic fields: A new coupling function. <i>Journal of Geophysical Research</i> , 2011 , 116, n/a-n/a		21
386	Extremely low geomagnetic activity during the recent deep solar cycle minimum. <i>Proceedings of the International Astronomical Union</i> , 2011 , 7, 200-209	0.1	12
385	High Speed Stream Properties and Related Geomagnetic Activity During the Whole Heliosphere Interval (WHI): 20 March to 16 April 2008. <i>Solar Physics</i> , 2011 , 274, 303-320	2.6	22
384	Interplanetary Origin of Intense, Superintense and Extreme Geomagnetic Storms. <i>Space Science Reviews</i> , 2011 , 158, 69-89	7.5	71
383	Mirror instability upstream of the termination shock (TS) and in the heliosheath. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2011 , 73, 1398-1404	2	19
382	The properties of two solar wind high speed streams and related geomagnetic activity during the declining phase of solar cycle 23. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2011 , 73, 164-177	2	33
381	Mirror mode expansion in planetary magnetosheaths: Bohm-like diffusion. <i>Physical Review Letters</i> , 2011 , 107, 245005	7.4	14
380	The solar and interplanetary causes of the recent minimum in geomagnetic activity (MGA23): a combination of midlatitude small coronal holes, low IMF <i>B</i> <i>var</i>, low solar wind speeds and low solar magnetic fields. <i>Annales Geophysicae</i> , 2011 , 29, 839-849	2	69
379	Interplanetary Origin of Intense, Superintense and Extreme Geomagnetic Storms 2011 , 69-89		1
378	Magnetic Decreases (MDs) and mirror modes: two different plasma χ changing mechanisms. <i>Nonlinear Processes in Geophysics</i> , 2010 , 17, 467-479	2.9	8
377	Properties of obliquely propagating chorus. <i>Journal of Geophysical Research</i> , 2010 , 115, n/a-n/a		39
376	Pitch angle transport of electrons due to cyclotron interactions with the coherent chorus subelements. <i>Journal of Geophysical Research</i> , 2010 , 115, n/a-n/a		42
375	Survey of Poynting flux of whistler mode chorus in the outer zone. <i>Journal of Geophysical Research</i> , 2010 , 115,		80
374	Introduction to the special section on Chorus: Chorus and its role in space weather. <i>Journal of Geophysical Research</i> , 2010 , 115, n/a-n/a		11
373	Electrostatic solitary waves in current layers: from Cluster observations during a super-substorm to beam experiments at the LAPD. <i>Nonlinear Processes in Geophysics</i> , 2009 , 16, 431-442	2.9	15
372	Polarization properties of Gendrin mode waves observed in the Earth's magnetosphere: observations and theory. <i>Annales Geophysicae</i> , 2009 , 27, 4429-4433	2	12
371	Solar and interplanetary origins of the November 2004 superstorms. <i>Advances in Space Research</i> , 2009 , 44, 615-620	2.4	11

370	A two-step scenario for both solar flares and magnetospheric substorms: Short duration energy storage. <i>Earth, Planets and Space</i> , 2009 , 61, 555-559	2.9	6
369	The interplanetary magnetic decrease automatic detection (IMDAD) code. <i>Earth, Planets and Space</i> , 2009 , 61, 585-588	2.9	2
368	Properties of dayside nonlinear rising tone chorus emissions at large L observed by GEOTAIL. <i>Earth, Planets and Space</i> , 2009 , 61, 625-628	2.9	12
367	Local time dependence of the prompt ionospheric response for the 7, 9, and 10 November 2004 superstorms. <i>Journal of Geophysical Research</i> , 2009 , 114, n/a-n/a		33
366	Correction to Magnetic decrease formation from . <i>Journal of Geophysical Research</i> , 2009 , 114, n/a-n/a		1
365	A brief review of solar flare effects on the ionosphere. <i>Radio Science</i> , 2009 , 44, n/a-n/a	1.4	94
364	Simultaneous satellite observations of VLF chorus, hot and relativistic electrons in a magnetic storm recovery phase. <i>Geophysical Research Letters</i> , 2009 , 36,	4.9	36
363	Properties of dayside outer zone chorus during HILDCAA events: Loss of energetic electrons. <i>Journal of Geophysical Research</i> , 2009 , 114, n/a-n/a		93
362	Magnetic decrease formation from . <i>Journal of Geophysical Research</i> , 2009 , 114, n/a-n/a		14
361	Mirror instability and L-mode electromagnetic ion cyclotron instability: Competition in the Earth's magnetosheath. <i>Journal of Geophysical Research</i> , 2009 , 114, n/a-n/a		40
360	RPC: The Rosetta Plasma Consortium 2009 , 1-99		
359	CAWSES November 7 ^B , 2004, superstorm: Complex solar and interplanetary features in the post-solar maximum phase. <i>Geophysical Research Letters</i> , 2008 , 35,	4.9	56
358	Interplanetary conditions leading to superintense geomagnetic storms (Dst \leq 50 nT) during solar cycle 23. <i>Geophysical Research Letters</i> , 2008 , 35,	4.9	93
357	Reply to comment by Y. I. Yermolaev and M. Y. Yermolaev on Interplanetary origin of intense geomagnetic storms (Dst \leq 50 nT). <i>Geophysical Research Letters</i> , 2008 , 35,	4.9	2
356	Superposed epoch analysis of the dayside ionospheric response to four intense geomagnetic storms. <i>Journal of Geophysical Research</i> , 2008 , 113, n/a-n/a		67
355	High-Speed Solar Wind Streams: A Call for Key Research. <i>Eos</i> , 2008 , 89, 62	1.5	22
354	Anomalous geomagnetic storm of 21-22 January 2005: A storm main phase during northward IMFs. <i>Journal of Geophysical Research</i> , 2008 , 113,		56
353	Interplanetary conditions causing intense geomagnetic storms (Dst \leq 100 nT) during solar cycle 23 (1996-2006). <i>Journal of Geophysical Research</i> , 2008 , 113, n/a-n/a		192

352	XUV Photometer System (XPS): Improved Solar Irradiance Algorithm Using CHIANTI Spectral Models. <i>Solar Physics</i> , 2008 , 250, 235-267	2.6	53
351	Prompt penetration electric fields (PPEFs) and their ionospheric effects during the great magnetic storm of 30B1 October 2003. <i>Journal of Geophysical Research</i> , 2008 , 113, n/a-n/a		137
350	Interplanetary Causes of Middle Latitude Ionospheric Disturbances. <i>Geophysical Monograph Series</i> , 2008 , 99-119	1.1	6
349	Simulation of PPEF Effects in Dayside Low-Latitude Ionosphere for the October 30, 2003, Superstorm. <i>Geophysical Monograph Series</i> , 2008 , 169-177	1.1	15
348	Interplanetary origin of intense geomagnetic storms (Dst Geophysical Research Letters, 2007 , 34,	4.9	72
347	Comment on Comment on the abundances of rotational and tangential discontinuities in the solar wind by M. Neugebauer. <i>Journal of Geophysical Research</i> , 2007 , 112, n/a-n/a		15
346	Oxygen ion uplift and satellite drag effects during the 30 October 2003 daytime superfountain event. <i>Annales Geophysicae</i> , 2007 , 25, 569-574	2	36
345	Correction of SOHO CELIAS/SEM EUV measurements saturated by extreme solar flare events. <i>Astronomische Nachrichten</i> , 2007 , 328, 36-40	0.7	7
344	Key features of intense geospace storms: A comparative study of a solar maximum and a solar minimum storm. <i>Planetary and Space Science</i> , 2007 , 55, 32-52	2	7
343	RPC-MAG The Fluxgate Magnetometer in the ROSETTA Plasma Consortium. <i>Space Science Reviews</i> , 2007 , 128, 649-670	7.5	139
342	Rosetta Radio Science Investigations (RSI). <i>Space Science Reviews</i> , 2007 , 128, 599-627	7.5	30
341	A NEW PERSPECTIVE ON THE RELATIONSHIP BETWEEN SUBSTORMS AND MAGNETIC STORMS 2007 , 25-45		1
340	TEMPORAL DEVELOPMENT OF DAYSIDE TEC VARIATIONS DURING THE OCTOBER 30, 2003 SUPERSTORM: MATCHING MODELING TO OBSERVATIONS 2007 , 69-77		4
339	GEOMAGNETIC ACTIVITY AND AURORAS CAUSED BY HIGH-SPEED STREAMS: A REVIEW 2007 , 91-102		6
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