

# Vassilis Angelopoulos

## 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.

579  
papers

24,969  
citations

73  
h-index

131  
g-index

607  
ext. papers

27,836  
ext. citations

4  
avg, IF

7.1  
L-index

#	Paper	IF	Citations
579	Energetic Electron Precipitation Driven by the Combined Effect of ULF, EMIC, and Whistler Waves. <i>Journal of Geophysical Research: Space Physics</i> , <b>2022</b> , 127,	2.6	2
578	Space-Ground Observations of Dynamics of Substorm Onset Beads. <i>Journal of Geophysical Research: Space Physics</i> , <b>2022</b> , 127,	2.6	4
577	Simultaneous Observations of EMIC-Induced Drifting Electron Holes (EDEHs) in the Earth's Radiation Belt by the Arase Satellite, Van Allen Probes, and THEMIS. <i>Geophysical Research Letters</i> , <b>2022</b> , 49,	4.9	1
576	Ducted Chorus Waves Cause Sub-Relativistic and Relativistic Electron Microbursts. <i>Geophysical Research Letters</i> , <b>2022</b> , 49,	4.9	2
575	Superfast precipitation of energetic electrons in the radiation belts of the Earth.. <i>Nature Communications</i> , <b>2022</b> , 13, 1611	17.4	4
574	Statistical Study of Magnetospheric Conditions for SAPS and SAID. <i>Geophysical Research Letters</i> , <b>2022</b> , 49,	4.9	1
573	Electron Lifetimes and Diffusion Rates Inferred From ELFIN Measurements at Low Altitude: First Results. <i>Journal of Geophysical Research: Space Physics</i> , <b>2021</b> , 126, e2021JA029757	2.6	5
572	Electrodynamic Contributions to the Hall- and Parallel Electric Fields in Collisionless Magnetic Reconnection. <i>Journal of Geophysical Research: Space Physics</i> , <b>2021</b> , 126, e2021JA029550	2.6	1
571	Magnetospheric Source and Electric Current System Associated With Intense SAIDs. <i>Geophysical Research Letters</i> , <b>2021</b> , 48, e2021GL093253	4.9	1
570	Conjugate Observation of Magnetospheric Chorus Propagating to the Ionosphere by Ducting. <i>Geophysical Research Letters</i> , <b>2021</b> , 48, e2021GL095933	4.9	0
569	Role of Ducting in Relativistic Electron Loss by Whistler-Mode Wave Scattering. <i>Journal of Geophysical Research: Space Physics</i> , <b>2021</b> , 126, e2021JA029851	2.6	4
568	A Magnetospheric Driver of Westward Traveling Surge: Plasma-Sheet Bubble. <i>Geophysical Research Letters</i> , <b>2021</b> , 48, e2021GL095539	4.9	1
567	Beam-Driven Electron Cyclotron Harmonic Waves in Earth's Magnetotail. <i>Journal of Geophysical Research: Space Physics</i> , <b>2021</b> , 126, e2020JA028743	2.6	3
566	Configuration of the Earth's Magnetotail Current Sheet. <i>Geophysical Research Letters</i> , <b>2021</b> , 48, e2020GL092153	4.9	1
565	Superthermal Proton and Electron Fluxes in the Plasma Sheet Transition Region and Their Dependence on Solar Wind Parameters. <i>Journal of Geophysical Research: Space Physics</i> , <b>2021</b> , 126, e2020JA028480	2.6	4
564	Statistical Study of Foreshock Transients in the Midtail Foreshock. <i>Journal of Geophysical Research: Space Physics</i> , <b>2021</b> , 126, e2021JA029156	2.6	4
563	Magnetotail Dipolarizations and Ion Flux Variations During the Main Phase of Magnetic Storms. <i>Journal of Geophysical Research: Space Physics</i> , <b>2021</b> , 126, e2020JA028470	2.6	4

562	Energy Modulations of Magnetospheric Ions Induced by Foreshock Transient-Driven Ultralow-Frequency Waves. <i>Geophysical Research Letters</i> , <b>2021</b> , 48, e2021GL093913	4.9	8
561	Dependence of Relativistic Electron Precipitation in the Ionosphere on EMIC Wave Minimum Resonant Energy at the Conjugate Equator. <i>Journal of Geophysical Research: Space Physics</i> , <b>2021</b> , 126, e2021JA029193	2.6	4
560	Foreshock Cavities: Direct Transmission Through the Bow Shock. <i>Journal of Geophysical Research: Space Physics</i> , <b>2021</b> , 126, e2021JA029201	2.6	3
559	Effects of Substorms on High-Latitude Upper Thermospheric Winds. <i>Journal of Geophysical Research: Space Physics</i> , <b>2021</b> , 126, e2020JA028193	2.6	0
558	Magnetotail Flux Accumulation Leads to Substorm Current Wedge Formation: A Case Study. <i>Journal of Geophysical Research: Space Physics</i> , <b>2021</b> , 126,	2.6	3
557	Active auroral arc powered by accelerated electrons from very high altitudes. <i>Scientific Reports</i> , <b>2021</b> , 11, 1610	4.9	3
556	Effects of Ion Slippage in Earth's Ionosphere and the Plasma Sheet. <i>Geophysical Research Letters</i> , <b>2021</b> , 48, e2020GL091494	4.9	1
555	Beam-driven ECH waves: A parametric study. <i>Physics of Plasmas</i> , <b>2021</b> , 28, 072902	2.1	1
554	Realistic Electron Diffusion Rates and Lifetimes Due to Scattering by Electron Holes. <i>Journal of Geophysical Research: Space Physics</i> , <b>2021</b> , 126, e2021JA029380	2.6	2
553	Fine Structure of Chorus Wave Packets: Comparison Between Observations and Wave Generation Models. <i>Journal of Geophysical Research: Space Physics</i> , <b>2021</b> , 126, e2021JA029330	2.6	5
552	A Survey of Dense Low Energy Ions in Earth's Outer Magnetosphere: Relation to Solar Wind Dynamic Pressure, IMF, and Magnetospheric Activity. <i>Journal of Geophysical Research: Space Physics</i> , <b>2021</b> , 126, e2021JA029208	2.6	0
551	Global and local processes of thin current sheet formation during substorm growth phase. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , <b>2021</b> , 220, 105671	2	5
550	Comparative Study of Electric Currents and Energetic Particle Fluxes in a Solar Flare and Earth Magnetospheric Substorm. <i>Astrophysical Journal</i> , <b>2021</b> , 923, 151	4.7	0
549	A kinetic perspective on azimuthal variation of magnetopause reconnection at scales below an Earth radius. <i>Journal of Physics: Conference Series</i> , <b>2020</b> , 1620, 012028	0.3	
548	Ionospheric Outflow During the Substorm Growth Phase: THEMIS Observations of Oxygen Ions at the Plasma Sheet Boundary. <i>Journal of Geophysical Research: Space Physics</i> , <b>2020</b> , 125, e2019JA027612	2.6	4
547	Electron Acceleration by Magnetosheath Jet-Driven Bow Waves. <i>Journal of Geophysical Research: Space Physics</i> , <b>2020</b> , 125, e2019JA027709	2.6	2
546	Overshoot dependence on the cross-shock potential. <i>Annales Geophysicae</i> , <b>2020</b> , 38, 17-26	2	3
545	Energetic Electron Acceleration by Ion-scale Magnetic Islands in Turbulent Magnetic Reconnection: Particle-in-cell Simulations and ARTEMIS Observations. <i>Astrophysical Journal</i> , <b>2020</b> , 896, 105	4.7	5

544	In-situ and optical observations of sub-ion magnetic holes. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , <b>2020</b> , 208, 105365	2	2
543	Dynamics of Auroral Precipitation Boundaries Associated With STEVE and SAID. <i>Journal of Geophysical Research: Space Physics</i> , <b>2020</b> , 125, e2020JA028067	2.6	6
542	Whistler Mode Waves in the Compressional Boundary of Foreshock Transients. <i>Journal of Geophysical Research: Space Physics</i> , <b>2020</b> , 125, e2019JA027758	2.6	3
541	Azimuthal Variation of Magnetopause Reconnection at Scales Below an Earth Radius. <i>Geophysical Research Letters</i> , <b>2020</b> , 47, e2019GL086500	4.9	5
540	Near-Earth Magnetotail Reconnection Powers Space Storms. <i>Nature Physics</i> , <b>2020</b> , 2020,	16.2	25
539	Ion Nongyrotropy in Solar Wind Discontinuities. <i>Astrophysical Journal Letters</i> , <b>2020</b> , 889, L23	7.9	3
538	A Statistical Study of Near-Earth Magnetotail Evolution During Pseudosubstorms and Substorms With THEMIS Data. <i>Journal of Geophysical Research: Space Physics</i> , <b>2020</b> , 125, e2019JA026642	2.6	0
537	Contribution of Anisotropic Electron Current to the Magnetotail Current Sheet as a Function of Location and Plasma Conditions. <i>Journal of Geophysical Research: Space Physics</i> , <b>2020</b> , 125, e2019JA027251	2.6	9
536	Magnetospheric Multiscale (MMS) Observations of Magnetic Reconnection in Foreshock Transients. <i>Journal of Geophysical Research: Space Physics</i> , <b>2020</b> , 125, e2020JA027822	2.6	12
535	Extreme Magnetosphere-Ionosphere-Thermosphere Responses to the 5 April 2010 Supersubstorm. <i>Journal of Geophysical Research: Space Physics</i> , <b>2020</b> , 125, e2019JA027654	2.6	7
534	AME: A Cross-Scale Constellation of CubeSats to Explore Magnetic Reconnection in the Solar-Terrestrial Relation. <i>Frontiers in Physics</i> , <b>2020</b> , 8,	3.9	5
533	Relative contributions of large-scale and wedgelet currents in the substorm current wedge. <i>Earth, Planets and Space</i> , <b>2020</b> , 72, 106	2.9	4
532	Formation of Foreshock Transients and Associated Secondary Shocks. <i>Astrophysical Journal</i> , <b>2020</b> , 901, 73	4.7	8
531	Statistical Study of Magnetosheath Jet-Driven Bow Waves. <i>Journal of Geophysical Research: Space Physics</i> , <b>2020</b> , 125, e2019JA027710	2.6	4
530	Phase Decoherence Within Intense Chorus Wave Packets Constrains the Efficiency of Nonlinear Resonant Electron Acceleration. <i>Geophysical Research Letters</i> , <b>2020</b> , 47, e2020GL089807	4.9	18
529	Comparison of the Flank Magnetopause at Near-Earth and Lunar Distances: MMS and ARTEMIS Observations. <i>Journal of Geophysical Research: Space Physics</i> , <b>2020</b> , 125, e2020JA028406	2.6	1
528	Modulation of Whistler Waves by Ultra-Low-Frequency Perturbations: The Importance of Magnetopause Location. <i>Journal of Geophysical Research: Space Physics</i> , <b>2020</b> , 125, e2020JA028334	2.6	7
527	Energetic Ion Reflections at Interplanetary Shocks: First Observations From ARTEMIS. <i>Journal of Geophysical Research: Space Physics</i> , <b>2020</b> , 125, e2020JA028174	2.6	1

526	Magnetospheric Conditions for STEVE and SAID: Particle Injection, Substorm Surge, and Field-Aligned Currents. <i>Journal of Geophysical Research: Space Physics</i> , <b>2020</b> , 125, e2020JA027782	2.6	8
525	Daytime Dynamo Electrodynamics With Spiral Currents Driven by Strong Winds Revealed by Vapor Trails and Sounding Rocket Probes. <i>Geophysical Research Letters</i> , <b>2020</b> , 47, e2020GL088803	4.9	3
524	Global Propagation of Magnetospheric Pc5 ULF Waves Driven by Foreshock Transients. <i>Journal of Geophysical Research: Space Physics</i> , <b>2020</b> , 125, e2020JA028411	2.6	10
523	Magnetic reconnection in a charged, electron-dominant current sheet. <i>Physics of Plasmas</i> , <b>2020</b> , 27, 102902	2.1	4
522	Rapid Frequency Variations Within Intense Chorus Wave Packets. <i>Geophysical Research Letters</i> , <b>2020</b> , 47, e2020GL088853	4.9	15
521	The ELFIN Mission. <i>Space Science Reviews</i> , <b>2020</b> , 216, 103	7.5	17
520	Ionospheric Modulation by Storm Time Pc5 ULF Pulsations and the Structure Detected by PFISR-THEMIS Conjunction. <i>Geophysical Research Letters</i> , <b>2020</b> , 47, e2020GL089060	4.9	6
519	ARTEMIS Observations of Foreshock Transients in the Midtail Foreshock. <i>Geophysical Research Letters</i> , <b>2020</b> , 47, e2020GL090393	4.9	8
518	Magnetotail reconnection onset caused by electron kinetics with a strong external driver. <i>Nature Communications</i> , <b>2020</b> , 11, 5049	17.4	37
517	Formation and Topology of Foreshock Bubbles. <i>Journal of Geophysical Research: Space Physics</i> , <b>2020</b> , 125, e2020JA028058	2.6	14
516	Superfast ion scattering by solar wind discontinuities. <i>Physical Review E</i> , <b>2020</b> , 102, 033201	2.4	3
515	Potential Evidence of Low-Energy Electron Scattering and Ionospheric Precipitation by Time Domain Structures. <i>Geophysical Research Letters</i> , <b>2020</b> , 47, e2020GL089138	4.9	6
514	Ionosphere Feedback to Electron Scattering by Equatorial Whistler Mode Waves. <i>Journal of Geophysical Research: Space Physics</i> , <b>2020</b> , 125, e2020JA028373	2.6	6
513	Relativistic electrons generated at Earth's quasi-parallel bow shock. <i>Science Advances</i> , <b>2019</b> , 5, eaaw1368	4.3	18
512	Reconnection With Magnetic Flux Pileup at the Interface of Converging Jets at the Magnetopause. <i>Geophysical Research Letters</i> , <b>2019</b> , 46, 1937-1946	4.9	23
511	The Hall Electric Field in Earth's Magnetotail Thin Current Sheet. <i>Journal of Geophysical Research: Space Physics</i> , <b>2019</b> , 124, 1052-1062	2.6	20
510	Prolonged Kelvin-Helmholtz Waves at Dawn and Dusk Flank Magnetopause: Simultaneous Observations by MMS and THEMIS. <i>Astrophysical Journal</i> , <b>2019</b> , 875, 57	4.7	6
509	Kinetic Properties of Solar Wind Discontinuities at 1 AU Observed by ARTEMIS. <i>Journal of Geophysical Research: Space Physics</i> , <b>2019</b> , 124, 3858-3870	2.6	12

508	Local time extent of magnetopause reconnection using space-ground coordination. <i>Annales Geophysicae</i> , <b>2019</b> , 37, 215-234	2	9
507	On the Origin of Perpendicular Ion Anisotropy Inside Dipolarizing Flux Bundles. <i>Journal of Geophysical Research: Space Physics</i> , <b>2019</b> , 124, 4009-4021	2.6	2
506	The Dominant Role of Energetic Ions in Solar Wind Interaction With the Moon. <i>Journal of Geophysical Research: Space Physics</i> , <b>2019</b> , 124, 3176-3192	2.6	4
505	Magnetospheric Signatures of STEVE: Implications for the Magnetospheric Energy Source and Interhemispheric Conjugacy. <i>Geophysical Research Letters</i> , <b>2019</b> , 46, 5637-5644	4.9	34
504	Ion Anisotropy in Earth's Magnetotail Current Sheet: Multicomponent Ion Population. <i>Journal of Geophysical Research: Space Physics</i> , <b>2019</b> , 124, 3454-3467	2.6	6
503	Particle Beams in the Vicinity of Magnetic Separatrix According to Near-Lunar ARTEMIS Observations. <i>Journal of Geophysical Research: Space Physics</i> , <b>2019</b> , 124, 1883-1903	2.6	2
502	Global View of Current Sheet Thinning: Plasma Pressure Gradients and Large-Scale Currents. <i>Journal of Geophysical Research: Space Physics</i> , <b>2019</b> , 124, 264-278	2.6	7
501	The Space Physics Environment Data Analysis System (SPEDAS). <i>Space Science Reviews</i> , <b>2019</b> , 215, 9	7.5	205
500	On the Kinetic Nature of Solar Wind Discontinuities. <i>Geophysical Research Letters</i> , <b>2019</b> , 46, 1185-1194	4.9	15
499	Direct observations of a surface eigenmode of the dayside magnetopause. <i>Nature Communications</i> , <b>2019</b> , 10, 615	17.4	34
498	Can Enhanced Flux Loading by High-Speed Jets Lead to a Substorm? Multipoint Detection of the Christmas Day Substorm Onset at 08:17 UT, 2015. <i>Journal of Geophysical Research: Space Physics</i> , <b>2019</b> , 124, 4314-4340	2.6	14
497	Characteristics of the Flank Magnetopause: THEMIS Observations. <i>Journal of Geophysical Research: Space Physics</i> , <b>2019</b> , 124, 3421-3435	2.6	14
496	THEMIS Observations of Particle Acceleration by a Magnetosheath Jet-Driven Bow Wave. <i>Geophysical Research Letters</i> , <b>2019</b> , 46, 7929-7936	4.9	7
495	The 2-D Structure of Foreshock-Driven Field Line Resonances Observed by THEMIS Satellite and Ground-Based Imager Conjunctions. <i>Journal of Geophysical Research: Space Physics</i> , <b>2019</b> , 124, 6792-6811	2.6	16
494	Nonlinear Electron Interaction With Intense Chorus Waves: Statistics of Occurrence Rates. <i>Geophysical Research Letters</i> , <b>2019</b> , 46, 7182-7190	4.9	29
493	Utilizing the Heliophysics/Geospace System Observatory to Understand Particle Injections: Their Scale Sizes and Propagation Directions. <i>Journal of Geophysical Research: Space Physics</i> , <b>2019</b> , 124, 5584-5609	2.6	22
492	Turbulence and Particle Acceleration in Collisionless Magnetic Reconnection: Effects of Temperature Inhomogeneity across Pre-reconnection Current Sheet. <i>Astrophysical Journal</i> , <b>2019</b> , 878, 109	4.7	21
491	Spatial Scales and Plasma Properties of the Distant Magnetopause: Evidence for Selective Ion and Electron Transport. <i>Journal of Geophysical Research: Space Physics</i> , <b>2019</b> , 124, 5027-5041	2.6	2

490	Energy Transport by Whistler Waves Around Dipolarizing Flux Bundles. <i>Geophysical Research Letters</i> , <b>2019</b> , 46, 11718-11727	4.9	13
489	On the Contribution of Dipolarizing Flux Bundles to the Substorm Current Wedge and to Flux and Energy Transport. <i>Journal of Geophysical Research: Space Physics</i> , <b>2019</b> , 124, 5408-5420	2.6	16
488	Origin of two-band chorus in the radiation belt of Earth. <i>Nature Communications</i> , <b>2019</b> , 10, 4672	17.4	29
487	The Evolution of a Pitch-Angle Bite-Out Scattering Signature Caused by EMIC Wave Activity: A Case Study. <i>Journal of Geophysical Research: Space Physics</i> , <b>2019</b> , 124, 5042-5055	2.6	8
486	Precipitation of MeV and Sub-MeV Electrons Due to Combined Effects of EMIC and ULF Waves. <i>Journal of Geophysical Research: Space Physics</i> , <b>2019</b> , 124, 7923-7935	2.6	11
485	Reply to: Comment on The Dominant Role of Energetic Ions in Solar Wind Interaction With the Moon by Poppe. <i>Journal of Geophysical Research: Space Physics</i> , <b>2019</b> , 124, 6933-6937	2.6	1
484	Periodic Excitation of Chorus and ECH Waves Modulated by Ultralow Frequency Compressions. <i>Journal of Geophysical Research: Space Physics</i> , <b>2019</b> , 124, 8535-8550	2.6	23
483	ARTEMIS Observations of Well-structured Lunar Wake in Subsonic Plasma Flow. <i>Astrophysical Journal</i> , <b>2019</b> , 881, 76	4.7	2
482	Effects of Cross-Sheet Density and Temperature Inhomogeneities on Magnetotail Reconnection. <i>Geophysical Research Letters</i> , <b>2019</b> , 46, 28-36	4.9	15
481	On the Driver of Daytime Pc3 Auroral Pulsations. <i>Geophysical Research Letters</i> , <b>2019</b> , 46, 553-561	4.9	3
480	Ion Acceleration Inside Foreshock Transients. <i>Journal of Geophysical Research: Space Physics</i> , <b>2018</b> , 123, 163-178	2.6	20
479	Nonlinear Electrostatic Steepening of Whistler Waves: The Guiding Factors and Dynamics in Inhomogeneous Systems. <i>Geophysical Research Letters</i> , <b>2018</b> , 45, 2168-2176	4.9	19
478	In Situ Observations of a Magnetosheath High-Speed Jet Triggering Magnetopause Reconnection. <i>Geophysical Research Letters</i> , <b>2018</b> , 45, 1732-1740	4.9	48
477	Pulsating aurora from electron scattering by chorus waves. <i>Nature</i> , <b>2018</b> , 554, 337-340	50.4	99
476	Magnetic reconnection in Earth's magnetotail: Energy conversion and its earthward tailward asymmetry. <i>Physics of Plasmas</i> , <b>2018</b> , 25, 012905	2.1	15
475	Scientific Objectives of Electron Losses and Fields Investigation Onboard Lomonosov Satellite. <i>Space Science Reviews</i> , <b>2018</b> , 214, 1	7.5	5
474	On the Acceleration and Anisotropy of Ions Within Magnetotail Dipolarizing Flux Bundles. <i>Journal of Geophysical Research: Space Physics</i> , <b>2018</b> , 123, 429-442	2.6	28
473	Comment on Pulsating Auroras Produced by Interactions of Electrons and Time Domain Structures by Mozer Et Al.. <i>Journal of Geophysical Research: Space Physics</i> , <b>2018</b> , 123, 2064-2070	2.6	11

472	Near-Earth Reconnection Ejecta at Lunar Distances. <i>Journal of Geophysical Research: Space Physics</i> , <b>2018</b> , 123, 2736-2744	2.6	15
471	Spreading Speed of Magnetopause Reconnection X-Lines Using Ground-Satellite Coordination. <i>Geophysical Research Letters</i> , <b>2018</b> , 45, 80-89	4.9	15
470	Formation of Dawn-Dusk Asymmetry in Earth's Magnetotail Thin Current Sheet: A Three-Dimensional Particle-In-Cell Simulation. <i>Journal of Geophysical Research: Space Physics</i> , <b>2018</b> , 123, 2801-2814	2.6	25
469	Plasma Anisotropies and Currents in the Near-Earth Plasma Sheet and Inner Magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , <b>2018</b> , 123, 5625-5639	2.6	9
468	The Current System of Dipolarizing Flux Bundles and Their Role as Wedgelets in the Substorm Current Wedge. <i>Geophysical Monograph Series</i> , <b>2018</b> , 323-337	1.1	6
467	Impacts of Magnetosheath High-Speed Jets on the Magnetosphere and Ionosphere Measured by Optical Imaging and Satellite Observations. <i>Journal of Geophysical Research: Space Physics</i> , <b>2018</b> , 123, 4879-4894	2.6	31
466	Seasonal and Solar Wind Control of the Reconnection Line Location on the Earth's Dayside Magnetopause. <i>Journal of Geophysical Research: Space Physics</i> , <b>2018</b> , 123, 7498-7512	2.6	6
465	Three dimensional analytical model of dipolarizing flux bundles. <i>Physics of Plasmas</i> , <b>2018</b> , 25, 082901	2.1	1
464	Dynamics of Intense Currents in the Solar Wind. <i>Astrophysical Journal</i> , <b>2018</b> , 859, 95	4.7	13
463	Intense Cross-Tail Field-Aligned Currents in the Plasma Sheet at Lunar Distances. <i>Geophysical Research Letters</i> , <b>2018</b> , 45, 4610-4617	4.9	7
462	Field-Aligned Currents Originating From the Magnetic Reconnection Region: Conjugate MMS-ARTEMIS Observations. <i>Geophysical Research Letters</i> , <b>2018</b> , 45, 5836-5844	4.9	7
461	Artificial Neural Networks for Determining Magnetospheric Conditions <b>2018</b> , 279-300		10
460	Properties of Intense Field-Aligned Lower-Band Chorus Waves: Implications for Nonlinear Wave-Particle Interactions. <i>Journal of Geophysical Research: Space Physics</i> , <b>2018</b> , 123, 5379-5393	2.6	37
459	Long-lasting poloidal ULF waves observed by multiple satellites and high-latitude SuperDARN radars. <i>Journal of Geophysical Research: Space Physics</i> , <b>2018</b> , 123, 8422-8438	2.6	23
458	The Energetic Particle Environment of the Lunar Nearside: Influence of the Energetic Ions from Earth's Bow Shock. <i>Astrophysical Journal</i> , <b>2018</b> , 863, 80	4.7	1
457	Drift Resonance of Compressional ULF Waves and Substorm-Injected Protons From Multipoint THEMIS Measurements. <i>Journal of Geophysical Research: Space Physics</i> , <b>2018</b> , 123, 9406-9419	2.6	22
456	Near-Earth Solar Wind: Plasma Characteristics From ARTEMIS Measurements. <i>Journal of Geophysical Research: Space Physics</i> , <b>2018</b> , 123, 9955	2.6	13
455	EMIC Wave Events During the Four GEM QARBM Challenge Intervals. <i>Journal of Geophysical Research: Space Physics</i> , <b>2018</b> , 123, 6394-6423	2.6	16



454	Electron Nonlinear Resonant Interaction With Short and Intense Parallel Chorus Wave Packets. <i>Journal of Geophysical Research: Space Physics</i> , <b>2018</b> , 123, 4979-4999	2.6	35
453	A Case Study of Near-Earth Magnetotail Conditions at Substorm and Pseudosubstorm Onsets. <i>Geophysical Research Letters</i> , <b>2018</b> , 45, 6353-6361	4.9	4
452	Whistler and Electron Firehose Instability Control of Electron Distributions in and Around Dipolarizing Flux Bundles. <i>Geophysical Research Letters</i> , <b>2018</b> , 45, 9380-9389	4.9	29
451	Dayside Magnetospheric and Ionospheric Responses to a Foreshock Transient on 25 June 2008: 2. 2-D Evolution Based on Dayside Auroral Imaging. <i>Journal of Geophysical Research: Space Physics</i> , <b>2018</b> , 123, 6347-6359	2.6	32
450	Spatial Extent and Temporal Correlation of Chorus and Hiss: Statistical Results From Multipoint THEMIS Observations. <i>Journal of Geophysical Research: Space Physics</i> , <b>2018</b> , 123, 8317-8330	2.6	39
449	First Results From Sonification and Exploratory Citizen Science of Magnetospheric ULF Waves: Long-Lasting Decreasing-Frequency Poloidal Field Line Resonances Following Geomagnetic Storms. <i>Space Weather</i> , <b>2018</b> , 16, 1753-1769	3.7	7
448	Mesoscale F Region Neutral Winds Associated With Quasi-steady and Transient Nightside Auroral Forms. <i>Journal of Geophysical Research: Space Physics</i> , <b>2018</b> , 123, 7968-7984	2.6	13
447	Concomitant Double Ion and Electron Populations in the Earth's Magnetopause Boundary Layers From Double Reconnection With Lobe and Closed Field Lines. <i>Journal of Geophysical Research: Space Physics</i> , <b>2018</b> , 123, 5407-5419	2.6	3
446	Evolution of Electron Distribution Driven by Nonlinear Resonances With Intense Field-Aligned Chorus Waves. <i>Journal of Geophysical Research: Space Physics</i> , <b>2018</b> , 123, 8149-8169	2.6	26
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