

John Bonnell

List of Publications by Year in descending order

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147
papers

7,433
citations

61857

43
h-index

62479

80
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153
all docs

153
docs citations

153
times ranked

2839
citing authors

#	ARTICLE	IF	CITATIONS
1	Strong Perpendicular Velocity-space Diffusion in Proton Beams Observed by Parker Solar Probe. <i>Astrophysical Journal</i> , 2022, 924, 112.	1.6	16
2	Improving the Alfvén Wave Solar Atmosphere Model Based on Parker Solar Probe Data. <i>Astrophysical Journal</i> , 2022, 925, 146.	1.6	16
3	Sub-Alfvénic Solar Wind Observed by the Parker Solar Probe: Characterization of Turbulence, Anisotropy, Intermittency, and Switchback. <i>Astrophysical Journal Letters</i> , 2022, 926, L1.	3.0	28
4	Langmuir-Slow Extraordinary Mode Magnetic Signature Observations with Parker Solar Probe. <i>Astrophysical Journal</i> , 2022, 927, 95.	1.6	4
5	Maximizing the Accuracy of Double Probe Electric Field Measurements Near Perigee: The Case of the Van Allen Probes Instruments. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	2
6	Quantifying the Sheath Impedance of the Electric Double Probe Instrument on the Van Allen Probes. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	10
7	Interferometric Study of Ionospheric Plasma Irregularities in Regions of Phase Scintillations and HF Backscatter. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	8
8	Whistlers in the Solar Vicinity That Are Spiky in Time and Frequency. <i>Astrophysical Journal</i> , 2021, 908, 26.	1.6	5
9	Radial Evolution of a CIR: Observations From a Nearly Radially Aligned Event Between Parker Solar Probe and STEREO. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091376.	1.5	16
10	Multi-Event Analysis of Plasma and Field Variations in Source of Stable Auroral Red (SAR) Arcs in Inner Magnetosphere During Non-storm Time Substorms. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA029081.	0.8	7
11	The Encounter of the Parker Solar Probe and a Comet-like Object Near the Sun: Model Predictions and Measurements. <i>Astrophysical Journal</i> , 2021, 910, 7.	1.6	4
12	Nonlinear Ion-acoustic Waves, Ion Holes, and Electron Holes in the Near-Sun Solar Wind. <i>Astrophysical Journal</i> , 2021, 911, 89.	1.6	21
13	Electrostatic Waves and Electron Heating Observed Over Lunar Crustal Magnetic Anomalies. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028880.	0.8	6
14	Parker Solar Probe FIELDS Instrument Charging in the Near Sun Environment: Part 1: Computational Model. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028688.	0.8	3
15	Simultaneous Observation of Two Isolated Proton Auroras at Subauroral Latitudes by a Highly Sensitive All-sky Camera and Van Allen Probes. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA029078.	0.8	7
16	Parker Solar Probe FIELDS Instrument Charging in the Near Sun Environment: Part 2: Comparison of In-flight Data and Modeling Results. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028689.	0.8	2
17	Magnetic increases with central current sheets: observations with Parker Solar Probe. <i>Astronomy and Astrophysics</i> , 2021, 650, A11.	2.1	8
18	Electron Bernstein waves and narrowband plasma waves near the electron cyclotron frequency in the near-Sun solar wind. <i>Astronomy and Astrophysics</i> , 2021, 650, A97.	2.1	12

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19	Energetic particle behavior in near-Sun magnetic field switchbacks from PSP. <i>Astronomy and Astrophysics</i> , 2021, 650, L4.	2.1	12
20	Alfvénic versus non-Alfvénic turbulence in the inner heliosphere as observed by Parker Solar Probe. <i>Astronomy and Astrophysics</i> , 2021, 650, A21.	2.1	29
21	Detection of small magnetic flux ropes from the third and fourth Parker Solar Probe encounters. <i>Astronomy and Astrophysics</i> , 2021, 650, A12.	2.1	35
22	Prevalence of magnetic reconnection in the near-Sun heliospheric current sheet. <i>Astronomy and Astrophysics</i> , 2021, 650, A13.	2.1	23
23	Measurement of the open magnetic flux in the inner heliosphere down to 0.13 AU. <i>Astronomy and Astrophysics</i> , 2021, 650, A18.	2.1	26
24	Solar wind energy flux observations in the inner heliosphere: first results from Parker Solar Probe. <i>Astronomy and Astrophysics</i> , 2021, 650, A14.	2.1	12
25	An Electron Density Model of the Dayside and Nightside Region Ionosphere for Transionospheric VLF Propagation. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029288.	0.8	12
26	Chorus and Hiss Scales in the Inner Magnetosphere: Statistics From High-Resolution Filter Bank (FBK) Van Allen Probes Multi-Point Measurements. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028998.	0.8	9
27	Analysis of the Anomalous Response of Double Probe Electric Field Sensors on the Van Allen Probes EFW Instrument. , 2021, , .		0
28	On the Origin of Switchbacks Observed in the Solar Wind. <i>Astrophysical Journal</i> , 2021, 919, 60.	1.6	19
29	Modulated Upper-Hybrid Waves Coincident With Lower-Hybrid Waves in the Cusp. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029590.	0.8	3
30	Kinetic-Scale Turbulence in the Venusian Magnetosheath. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL090783.	1.5	11
31	MAVEN Observations of Low Frequency Steepened Magnetosonic Waves and Associated Heating of the Martian Nightside Ionosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029615.	0.8	8
32	<i>Parker Solar Probe</i> Enters the Magnetically Dominated Solar Corona. <i>Physical Review Letters</i> , 2021, 127, 255101.	2.9	104
33	Phase Decoherence Within Intense Chorus Wave Packets Constrains the Efficiency of Nonlinear Resonant Electron Acceleration. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089807.	1.5	48
34	Plasma Double Layers at the Boundary Between Venus and the Solar Wind. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL090115.	1.5	16
35	On quasi-parallel whistler waves in the solar wind. <i>Physics of Plasmas</i> , 2020, 27, .	0.7	21
36	Proton core behaviour inside magnetic field switchbacks. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 5524-5531.	1.6	29

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37	Calculation of the Atomic Oxygen Fluence on the Van Allen Probes. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA027944.	0.8	1
38	DC and Low-Frequency Electric Field Measurements on the Parker Solar Probe. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA027980.	0.8	24
39	Correlations Between Dispersive Alfvén Wave Activity, Electron Energization, and Ion Outflow in the Inner Magnetosphere. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088985.	1.5	18
40	Multisatellite MMS Analysis of Electron Holes in the Earth's Magnetotail: Origin, Properties, Velocity Gap, and Transverse Instability. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA028066.	0.8	31
41	First Detection of Kilometer-Scale Density Irregularities in the Martian Ionosphere. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL090906.	1.5	7
42	Parker Solar Probe Observations of Proton Beams Simultaneous with Ion-scale Waves. <i>Astrophysical Journal, Supplement Series</i> , 2020, 248, 5.	3.0	62
43	Switchbacks in the Solar Magnetic Field: Their Evolution, Their Content, and Their Effects on the Plasma. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 68.	3.0	83
44	The Heliospheric Current Sheet and Plasma Sheet during Parker Solar Probe's First Orbit. <i>Astrophysical Journal Letters</i> , 2020, 894, L19.	3.0	39
45	In Situ Observations of Interplanetary Dust Variability in the Inner Heliosphere. <i>Astrophysical Journal</i> , 2020, 892, 115.	1.6	22
46	Lifetimes of Relativistic Electrons as Determined From Plasmaspheric Hiss Scattering Rates Statistics: Effects of β and Wave Frequency Dependence on Geomagnetic Activity. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088052.	1.5	16
47	A Merged Search-Coil and Fluxgate Magnetometer Data Product for Parker Solar Probe FIELDS. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA027813.	0.8	31
48	MHD Mode Composition in the Inner Heliosphere from the Parker Solar Probe's First Perihelion. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 71.	3.0	17
49	Proton Temperature Anisotropy Variations in Inner Heliosphere Estimated with the First Parker Solar Probe Observations. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 70.	3.0	56
50	Sunward-propagating Whistler Waves Collocated with Localized Magnetic Field Holes in the Solar Wind: Parker Solar Probe Observations at $35.7 R_{\odot}$ Radii. <i>Astrophysical Journal Letters</i> , 2020, 891, L20.	3.0	46
51	Examining Dust Directionality with the Parker Solar Probe FIELDS Instrument. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 51.	3.0	26
52	Observations of Energetic-particle Population Enhancements along Intermittent Structures near the Sun from the Parker Solar Probe. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 61.	3.0	25
53	Constraining Ion-Scale Heating and Spectral Energy Transfer in Observations of Plasma Turbulence. <i>Physical Review Letters</i> , 2020, 125, 025102.	2.9	29
54	Filamentary Currents and Alfvénic Vortices in the Inner Magnetosphere. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL086318.	1.5	8

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55	Density Fluctuations in the Solar Wind Based on Type III Radio Bursts Observed by Parker Solar Probe. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 57.	3.0	45
56	Clustering of Intermittent Magnetic and Flow Structures near Parker Solar Probe's First Perihelion: A Partial-variance-of-increments Analysis. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 31.	3.0	37
57	First In Situ Measurements of Electron Density and Temperature from Quasi-thermal Noise Spectroscopy with Parker Solar Probe/FIELDS. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 44.	3.0	106
58	The Heliospheric Current Sheet in the Inner Heliosphere Observed by the Parker Solar Probe. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 47.	3.0	50
59	The Evolution and Role of Solar Wind Turbulence in the Inner Heliosphere. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 53.	3.0	166
60	Measures of Scale-dependent Alfvénicity in the First PSP Solar Encounter. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 58.	3.0	51
61	Source and Propagation of a Streamer Blowout Coronal Mass Ejection Observed by the Parker Solar Probe. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 69.	3.0	29
62	Solar Wind Streams and Stream Interaction Regions Observed by the Parker Solar Probe with Corresponding Observations at 1 au. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 36.	3.0	43
63	Ion-scale Electromagnetic Waves in the Inner Heliosphere. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 66.	3.0	67
64	Cross Helicity Reversals in Magnetic Switchbacks. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 67.	3.0	61
65	Electrostatic Turbulence and Debye-scale Structures in Collisionless Shocks. <i>Astrophysical Journal Letters</i> , 2020, 889, L9.	3.0	34
66	The Role of Alfvén Wave Dynamics on the Large-scale Properties of the Solar Wind: Comparing an MHD Simulation with Parker Solar Probe E1 Data. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 24.	3.0	66
67	Enhanced Energy Transfer Rate in Solar Wind Turbulence Observed near the Sun from Parker Solar Probe. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 48.	3.0	56
68	Statistics and Polarization of Type III Radio Bursts Observed in the Inner Heliosphere. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 49.	3.0	35
69	Plasma Waves near the Electron Cyclotron Frequency in the Near-Sun Solar Wind. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 21.	3.0	30
70	Identification of Magnetic Flux Ropes from Parker Solar Probe Observations during the First Encounter. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 26.	3.0	57
71	The Enhancement of Proton Stochastic Heating in the Near-Sun Solar Wind. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 30.	3.0	23
72	Magnetic Field Kinks and Folds in the Solar Wind. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 32.	3.0	86

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73	Parker Solar Probe In Situ Observations of Magnetic Reconnection Exhausts during Encounter 1. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 34.	3.0	65
74	Switchbacks in the Near-Sun Magnetic Field: Long Memory and Impact on the Turbulence Cascade. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 39.	3.0	152
75	Predicting the Solar Wind at the Parker Solar Probe Using an Empirically Driven MHD Model. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 40.	3.0	14
76	Coronal Electron Temperature Inferred from the Strahl Electrons in the Inner Heliosphere: Parker Solar Probe and Helios Observations. <i>Astrophysical Journal</i> , 2020, 892, 88.	1.6	34
77	Localized Magnetic-field Structures and Their Boundaries in the Near-Sun Solar Wind from Parker Solar Probe Measurements. <i>Astrophysical Journal</i> , 2020, 893, 93.	1.6	44
78	The Electromagnetic Signature of Outward Propagating Ion-scale Waves. <i>Astrophysical Journal</i> , 2020, 899, 74.	1.6	23
79	Large-amplitude, Wideband, Doppler-shifted, Ion Acoustic Waves Observed on the Parker Solar Probe. <i>Astrophysical Journal</i> , 2020, 901, 107.	1.6	19
80	Small-scale Magnetic Flux Ropes in the First Two Parker Solar Probe Encounters. <i>Astrophysical Journal</i> , 2020, 903, 76.	1.6	22
81	Magnetic Connectivity of the Ecliptic Plane within 0.5 au: Potential Field Source Surface Modeling of the First Parker Solar Probe Encounter. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 23.	3.0	100
82	Time Domain Structures and Dust in the Solar Vicinity: Parker Solar Probe Observations. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 50.	3.0	10
83	Kinetic-scale Spectral Features of Cross Helicity and Residual Energy in the Inner Heliosphere. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 52.	3.0	10
84	Exploring Solar Wind Origins and Connecting Plasma Flows from the Parker Solar Probe to 1 au: Nonspherical Source Surface and Alfvénic Fluctuations. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 54.	3.0	46
85	Anticorrelation between the Bulk Speed and the Electron Temperature in the Pristine Solar Wind: First Results from the Parker Solar Probe and Comparison with Helios. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 62.	3.0	55
86	The Radial Dependence of Proton-scale Magnetic Spectral Break in Slow Solar Wind during PSP Encounter 2. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 55.	3.0	36
87	Dispersive Alfvén Wave Control of O ⁺ Ion Outflow and Energy Densities in the Inner Magnetosphere. <i>Geophysical Research Letters</i> , 2019, 46, 8597-8606.	1.5	23
88	The Statistical Characteristics of Small-scale Ionospheric Irregularities Observed in the Martian Ionosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 5874-5893.	0.8	8
89	Whistler Fan Instability Driven by Strahl Electrons in the Solar Wind. <i>Astrophysical Journal Letters</i> , 2019, 871, L29.	3.0	62
90	The Space Physics Environment Data Analysis System (SPEDAS). <i>Space Science Reviews</i> , 2019, 215, 9.	3.7	332

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91	Eastward Propagating Second Harmonic Poloidal Waves Triggered by Temporary Outward Gradient of Proton Phase Space Density: Van Allen Probe A Observation. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 9904-9923.	0.8	19
92	Highly structured slow solar wind emerging from an equatorial coronal hole. <i>Nature</i> , 2019, 576, 237-242.	13.7	401
93	Experimental Investigation of Total Photoemission Yield from New Satellite Surface Materials. <i>Journal of Spacecraft and Rockets</i> , 2019, 56, 248-258.	1.3	11
94	Electron-acoustic solitary waves in the Earth's inner magnetosphere. <i>Physics of Plasmas</i> , 2018, 25, .	0.7	45
95	Radiation Belt "Dropouts" and Drift-Bounce Resonances in Broadband Electromagnetic Waves. <i>Geophysical Research Letters</i> , 2018, 45, 2128-2137.	1.5	14
96	Impact of Residual Energy on Solar Wind Turbulent Spectra. <i>Astrophysical Journal</i> , 2018, 865, 45.	1.6	19
97	Spatial Extent and Temporal Correlation of Chorus and Hiss: Statistical Results From Multipoint THEMIS Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 8317-8330.	0.8	52
98	A Tenuous Lunar Ionosphere in the Geomagnetic Tail. <i>Geophysical Research Letters</i> , 2018, 45, 9450-9459.	1.5	12
99	Pitch Angle Scattering and Loss of Radiation Belt Electrons in Broadband Electromagnetic Waves. <i>Geophysical Research Letters</i> , 2018, 45, 9344-9352.	1.5	21
100	Electrostatic Steepening of Whistler Waves. <i>Physical Review Letters</i> , 2018, 120, 195101.	2.9	27
101	The Solar Probe Plus Radio Frequency Spectrometer: Measurement requirements, analog design, and digital signal processing. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 2836-2854.	0.8	74
102	EMIC wave scale size in the inner magnetosphere: Observations from the dual Van Allen Probes. <i>Geophysical Research Letters</i> , 2017, 44, 1227-1233.	1.5	55
103	Diffusive scattering of electrons by electron holes around injection fronts. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 3163-3182.	0.8	46
104	Chorus whistler wave source scales as determined from multipoint Van Allen Probe measurements. <i>Geophysical Research Letters</i> , 2017, 44, 2634-2642.	1.5	43
105	Electron-acoustic solitons and double layers in the inner magnetosphere. <i>Geophysical Research Letters</i> , 2017, 44, 4575-4583.	1.5	62
106	An improved sheath impedance model for the Van Allen Probes EFW instrument: Effects of the spin axis antenna. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 4420-4429.	0.8	24
107	Radial transport of radiation belt electrons in kinetic field-line resonances. <i>Geophysical Research Letters</i> , 2017, 44, 8140-8148.	1.5	18
108	Nightside Pi2 Wave Properties During an Extended Period With Stable Plasmapause Location and Variable Geomagnetic Activity. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 12,120.	0.8	2

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109	EMIC wave spatial and coherence scales as determined from multipoint Van Allen Probe measurements. <i>Geophysical Research Letters</i> , 2016, 43, 4799-4807.	1.5	27
110	Using the cold plasma dispersion relation and whistler mode waves to quantify the antenna sheath impedance of the Van Allen Probes EFW instrument. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 4590-4606.	0.8	33
111	The "Alfvénic surge" at substorm onset/expansion and the formation of "Inverted Vs" Cluster and IMAGE observations. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 3978-4004.	0.8	14
112	Driving ionospheric outflows and magnetospheric O ⁺ energy density with Alfvén waves. <i>Geophysical Research Letters</i> , 2016, 43, 4825-4833.	1.5	37
113	The FIELDS Instrument Suite for Solar Probe Plus. <i>Space Science Reviews</i> , 2016, 204, 49-82.	3.7	521
114	Extreme ionospheric ion energization and electron heating in Alfvén waves in the storm time inner magnetosphere. <i>Geophysical Research Letters</i> , 2015, 42, 10,531.	1.5	38
115	Storm time occurrence and spatial distribution of Pc4 poloidal ULF waves in the inner magnetosphere: A Van Allen Probes statistical study. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 4748-4762.	0.8	66
116	Externally driven plasmaspheric ULF waves observed by the Van Allen Probes. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 526-552.	0.8	44
117	Neutral Oxygen Effects at Low Earth Altitudes: A Critical Uncertainty for Spacecraft Operations and Space Weather Effects. <i>Space Weather</i> , 2015, 13, 396-397.	1.3	2
118	Broadband low-frequency electromagnetic waves in the inner magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 8603-8615.	0.8	56
119	Observations of coincident EMIC wave activity and duskside energetic electron precipitation on 18 th January 2013. <i>Geophysical Research Letters</i> , 2015, 42, 5727-5735.	1.5	102
120	ULF wave electromagnetic energy flux into the ionosphere: Joule heating implications. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 494-510.	0.8	12
121	Study of EMIC wave excitation using direct ion measurements. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 2702-2719.	0.8	38
122	THEMIS measurements of quasi-static electric fields in the inner magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 9939-9951.	0.8	29
123	Nonlinear electric field structures in the inner magnetosphere. <i>Geophysical Research Letters</i> , 2014, 41, 5693-5701.	1.5	76
124	Heating of the plasma sheet by broadband electromagnetic waves. <i>Geophysical Research Letters</i> , 2014, 41, 8185-8192.	1.5	28
125	Observations of kinetic scale field line resonances. <i>Geophysical Research Letters</i> , 2014, 41, 209-215.	1.5	69
126	Excitation of poloidal standing Alfvén waves through drift resonance wave-particle interaction. <i>Geophysical Research Letters</i> , 2013, 40, 4127-4132.	1.5	134

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127	Megavolt Parallel Potentials Arising from Double-Layer Streams in the Earth's Outer Radiation Belt. <i>Physical Review Letters</i> , 2013, 111, 235002.	2.9	64
128	Survey of the ULF wave Poynting vector near the Earth's magnetic equatorial plane. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 6212-6227.	0.8	10
129	The Electric Field and Waves Instruments on the Radiation Belt Storm Probes Mission. <i>Space Science Reviews</i> , 2013, 179, 183-220.	3.7	421
130	Identifying the magnetotail source region leading to preonset poleward boundary intensifications. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 4335-4340.	0.8	13
131	Coordinated THEMIS spacecraft and <i>ACE</i> imager observations of interplanetary shock effects on plasma sheet flow bursts, poleward boundary intensifications, and streamers. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 3346-3356.	0.8	16
132	Tail reconnection region versus auroral activity inferred from conjugate ARTEMIS plasma sheet flow and auroral observations. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 5758-5766.	0.8	16
133	The Electric Field and Waves Instruments on the Radiation Belt Storm Probes Mission. , 2013, , 183-220.		23
134	Lunar precursor effects in the solar wind and terrestrial magnetosphere. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	31
135	First remote measurements of lunar surface charging from ARTEMIS: Evidence for nonmonotonic sheath potentials above the dayside surface. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	26
136	Structure, force balance, and evolution of incompressible cross-tail current sheet thinning. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	21
137	Identifying the Driver of Pulsating Aurora. <i>Science</i> , 2010, 330, 81-84.	6.0	249
138	THEMIS observations of a secondary magnetic island within the Hall electromagnetic field region at the magnetopause. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	33
139	Global distributions of suprathermal electrons observed on THEMIS and potential mechanisms for access into the plasmasphere. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	118
140	Multipoint observation of fast mode waves trapped in the dayside plasmasphere. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	34
141	A comparison of THEMIS Pi2 observations near the dawn and dusk sectors in the inner magnetosphere. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	14
142	The Electric Field Instrument (EFI) for THEMIS. <i>Space Science Reviews</i> , 2008, 141, 303-341.	3.7	397
143	THEMIS observations of long-lived regions of large-amplitude whistler waves in the inner magnetosphere. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	133
144	Multipoint observations of magnetospheric compression-related EMIC Pc1 waves by THEMIS and CARISMA. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	141

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145	Auroral ion acceleration in dispersive Alfvén waves. Journal of Geophysical Research, 2004, 109, .	3.3	137
146	Electromagnetic ion cyclotron waves at proton cyclotron harmonics. Journal of Geophysical Research, 2002, 107, SMP 8-1.	3.3	34
147	Grotifer: A new electric field instrument design to address the need for highly accurate three-component electric field measurements. Frontiers in Astronomy and Space Sciences, 0, 9, .	1.1	0