

Dave G Sibeck

List of Publications by Year in descending order

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263
papers

10,839
citations

43973

48
h-index

42291

92
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272
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272
docs citations

272
times ranked

3035
citing authors

#	ARTICLE	IF	CITATIONS
1	Solitary Magnetic Structures Developed From Gyro-Resonance With Solar Wind Ions at Mars and Earth. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	7
2	A Statistical Examination of EMIC Wave-Driven Electron Pitch Angle Scattering Signatures. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	3
3	Global Asymmetries of Hot Flow Anomalies. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	7
4	Global Map of Chorus Wave Sizes in the Inner Magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	3
5	Automatic Identification and New Observations of Ion Energy Dispersion Events in the Cusp Ionosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	2
6	The Earth's Outer Exospheric Density Distributions Derived From PROCYON/LAICA UV Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	2
7	Dayside Transient Phenomena and Their Impact on the Magnetosphere and Ionosphere. <i>Space Science Reviews</i> , 2022, 218, .	3.7	35
8	The cusp plasma imaging detector (CuPID) cubesat observatory: Instrumentation. <i>Review of Scientific Instruments</i> , 2022, 93, 064504.	0.6	1
9	Dynamic Mechanisms Associated With High-Energy Electron Flux Dropout in the Earth's Outer Radiation Belt Under the Influence of a Coronal Mass Ejection Sheath Region. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, .	0.8	9
10	Evolution of Pitch Angle Distributions of Relativistic Electrons During Geomagnetic Storms: Van Allen Probes Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028335.	0.8	4
11	Soft X-ray and ENA Imaging of the Earth's Dayside Magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028816.	0.8	13
12	Radiation Belt Response to Fast Reverse Shock at Geosynchronous Orbit. <i>Astrophysical Journal</i> , 2021, 910, 154.	1.6	3
13	The Cusp Plasma Imaging Detector (CuPID) CubeSat Observatory: Mission Overview. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA029015.	0.8	6
14	Ion Acceleration by Foreshock Bubbles. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028924.	0.8	12
15	Foreshock Cavities: Direct Transmission Through the Bow Shock. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029201.	0.8	9
16	Microscale Processes Determining Macroscale Evolution of Magnetic Flux Tubes along Earth's Magnetopause. <i>Astrophysical Journal</i> , 2021, 914, 26.	1.6	6
17	Comparison of MMS Observations of Foreshock Bubbles With a Global Hybrid Simulation. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028848.	0.8	5
18	High-Energy Electron Flux Enhancement Pattern in the Outer Radiation Belt in Response to the Alfvénic Fluctuations Within High-Speed Solar Wind Stream: A Statistical Analysis. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029363.	0.8	10

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19	Multi-Parameter Chorus and Plasmaspheric Hiss Wave Models. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028403.	0.8	10
20	Bifurcated Current Sheet Observed on the Boundary of Kelvin-Helmholtz Vortices. <i>Frontiers in Astronomy and Space Sciences</i> , 2021, 8, .	1.1	3
21	Neutral Densities in the Outer Exosphere Near the Subsolar Magnetopause. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093383.	1.5	3
22	Association Between EMIC Wave Occurrence and Enhanced Convection Periods During Ion Injections. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL085676.	1.5	12
23	Flux Transfer Event With an Electron-Scale Substructure Observed by the Magnetospheric Multiscale Mission. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027308.	0.8	1
24	Foreshock Cavities at Venus and Mars. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA028023.	0.8	7
25	Electromagnetic Ion Cyclotron Waves Pattern Recognition Based on a Deep Learning Technique: Bag-of-Features Algorithm Applied to Spectrograms. <i>Astrophysical Journal, Supplement Series</i> , 2020, 249, 13.	3.0	1
26	A K-Means Clustering Analysis of the Jovian and Terrestrial Magnetopauses: A Technique to Classify Global Magnetospheric Behavior. <i>Journal of Geophysical Research E: Planets</i> , 2020, 125, e2019JE006366.	1.5	4
27	Inner Magnetospheric ULF Waves: The Occurrence and Distribution of Broadband and Discrete Wave Activity. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA027887.	0.8	10
28	Dayside Auroral Observation Resulting From a Rapid Localized Compression of the Earth's Magnetic Field. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088995.	1.5	1
29	Formation and Topology of Foreshock Bubbles. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA028058.	0.8	30
30	Is the Relation Between the Solar Wind Dynamic Pressure and the Magnetopause Standoff Distance so Straightforward?. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL086474.	1.5	14
31	A Framework for Understanding and Quantifying the Loss and Acceleration of Relativistic Electrons in the Outer Radiation Belt During Geomagnetic Storms. <i>Space Weather</i> , 2020, 18, e2020SW002477.	1.3	11
32	Characteristics of Minor Ions and Electrons in Flux Transfer Events Observed by the Magnetospheric Multiscale Mission. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA027778.	0.8	8
33	Radial Response of Outer Radiation Belt Relativistic Electrons During Enhancement Events at Geostationary Orbit. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027660.	0.8	4
34	Characteristics of Escaping Magnetospheric Ions Associated With Magnetic Field Fluctuations. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027337.	0.8	2
35	Foreshock Bubbles at Venus: Hybrid Simulations and VEX Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027056.	0.8	14
36	Magnetic Reconnection Inside a Flux Rope Induced by Kelvin-Helmholtz Vortices. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027665.	0.8	26

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37	Sequential Observations of Flux Transfer Events, Poleward-Moving Auroral Forms, and Polar Cap Patches. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027674.	0.8	12
38	Multipoint observations of compressional Pc5 pulsations in the dayside magnetosphere and corresponding particle signatures. <i>Annales Geophysicae</i> , 2020, 38, 1267-1281.	0.6	3
39	Electron Vorticity Indicative of the Electron Diffusion Region of Magnetic Reconnection. <i>Geophysical Research Letters</i> , 2019, 46, 6287-6296.	1.5	23
40	Formation of the Potential Jump Over the Geomagnetically Quiet Sunlit Polar Cap Region. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 4384-4401.	0.8	5
41	<i>Magnetospheric Multiscale Mission Observations of Reconnecting Electric Fields in the Magnetotail on Kinetic Scales. Geophysical Research Letters</i> , 2019, 46, 10295-10302.	1.5	5
42	The Magnetosphere-Ionosphere Electron Precipitation Dynamics and Their Geospace Consequences During the 17 March 2013 Storm. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 6504-6523.	0.8	16
43	High-Frequency Wave Generation in Magnetotail Reconnection: Nonlinear Harmonics of Upper Hybrid Waves. <i>Geophysical Research Letters</i> , 2019, 46, 7873-7882.	1.5	18
44	The Evolution of a Pitch-Angle α -Bite-Out-Scattering Signature Caused by EMIC Wave Activity: A Case Study. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 5042-5055.	0.8	19
45	The Formation of Electron Heat Flux Over the Sunlit Quiet Polar Cap Ionosphere. <i>Geophysical Research Letters</i> , 2019, 46, 10201-10208.	1.5	8
46	Properties of Magnetic Reconnection and FTEs on the Dayside Magnetopause With and Without Positive IMF B_x Component During Southward IMF. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 4037-4048.	0.8	25
47	Contribution of ULF Wave Activity to the Global Recovery of the Outer Radiation Belt During the Passage of a High-Speed Solar Wind Stream Observed in September 2014. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 1660-1678.	0.8	14
48	Low Energy Precipitating Electrons in the Diffuse Aurorae. <i>Geophysical Research Letters</i> , 2019, 46, 3582-3589.	1.5	11
49	On the Contribution of EMIC Waves to the Reconfiguration of the Relativistic Electron Butterfly Pitch Angle Distribution Shape on 2014 September 12: A Case Study*. <i>Astrophysical Journal</i> , 2019, 872, 36.	1.6	8
50	Mechanism of Reconnection on Kinetic Scales Based on Magnetospheric Multiscale Mission Observations. <i>Astrophysical Journal Letters</i> , 2019, 885, L26.	3.0	12
51	Recent advances in our understanding of the Earth's Radiation Belts. , 2019, , .		1
52	Magnetotail boundary crossings at lunar distances: ARTEMIS observations. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2019, 182, 45-60.	0.6	4
53	Space Weather Operation at KASI With Van Allen Probes Beacon Signals. <i>Space Weather</i> , 2018, 16, 108-120.	1.3	1
54	The Global Statistical Response of the Outer Radiation Belt During Geomagnetic Storms. <i>Geophysical Research Letters</i> , 2018, 45, 3783-3792.	1.5	66

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55	Generation Mechanism for Interlinked Flux Tubes on the Magnetopause. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 1337-1355.	0.8	6
56	Dawnâ€Dusk Auroral Oval Oscillations Associated With Highâ€Speed Solar Wind. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 600-610.	0.8	1
57	The Role of Localized Compressional Ultraâ€Low Frequency Waves in Energetic Electron Precipitation. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 1900-1914.	0.8	36
58	Magnetospheric Multiscale Observations of Turbulence in the Magnetosheath on Kinetic Scales. <i>Astrophysical Journal Letters</i> , 2018, 864, L29.	3.0	21
59	Solar Wind Induced Waves in the Skies of Mars: Ionospheric Compression, Energization, and Escape Resulting From the Impact of Ultralow Frequency Magnetosonic Waves Generated Upstream of the Martian Bow Shock. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 7241-7256.	0.8	32
60	A Study of Intense Local B_z Variations During Two Geomagnetic Storms. <i>Space Weather</i> , 2018, 16, 676-693.	1.3	52
61	Ultralow Frequency Waves as an Intermediary for Solar Wind Energy Input Into the Radiation Belts. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 10,090.	0.8	12
62	Multisatellite observations of the magnetosphere response to changes in the solar wind and interplanetary magnetic field. <i>Annales Geophysicae</i> , 2018, 36, 1319-1333.	0.6	8
63	Imaging Plasma Density Structures in the Soft X-Rays Generated by Solar Wind Charge Exchange with Neutrals. <i>Space Science Reviews</i> , 2018, 214, 1.	3.7	47
64	Magnetosheath jet properties and evolution as determined by a global hybrid-Vlasov simulation. <i>Annales Geophysicae</i> , 2018, 36, 1171-1182.	0.6	26
65	Cavitons and spontaneous hot flow anomalies in a hybrid-Vlasov global magnetospheric simulation. <i>Annales Geophysicae</i> , 2018, 36, 1081-1097.	0.6	12
66	Smallâ€Scale Flux Transfer Events Formed in the Reconnection Exhaust Region Between Two X Lines. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 8473-8488.	0.8	23
67	Characteristics, Occurrence, and Decay Rates of Remnant Belts Associated With Threeâ€Belt Events in the Earth's Radiation Belts. <i>Geophysical Research Letters</i> , 2018, 45, 12,099.	1.5	11
68	Magnetosheath Propagation Time of Solar Wind Directional Discontinuities. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 3727-3741.	0.8	7
69	Impact of Precipitating Electrons and Magnetosphereâ€Ionosphere Coupling Processes on Ionospheric Conductance. <i>Space Weather</i> , 2018, 16, 829-837.	1.3	32
70	Jets Downstream of Collisionless Shocks. <i>Space Science Reviews</i> , 2018, 214, 1.	3.7	101
71	Determining the Mode, Frequency, and Azimuthal Wave Number of ULF Waves During a HSS and Moderate Geomagnetic Storm. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 6457-6477.	0.8	23
72	Ion Injection Triggered EMIC Waves in the Earth's Magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 4921-4938.	0.8	40

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73	Is diffuse aurora driven from above or below?. Geophysical Research Letters, 2017, 44, 641-647.	1.5	18
74	A method to predict magnetopause expansion in radial IMF events by MHD simulations. Journal of Geophysical Research: Space Physics, 2017, 122, 3110-3126.	0.8	11
75	Magnetospheric Multiscale mission observations of the outer electron diffusion region. Geophysical Research Letters, 2017, 44, 2049-2059.	1.5	41
76	Comparative study of three reconnection X line models at the Earth's dayside magnetopause using in situ observations. Journal of Geophysical Research: Space Physics, 2017, 122, 4228-4250.	0.8	9
77	Conjugate observations of electromagnetic ion cyclotron waves associated with traveling convection vortex events. Journal of Geophysical Research: Space Physics, 2017, 122, 7336-7352.	0.8	7
78	Major pathways to electron distribution function formation in regions of diffuse aurora. Journal of Geophysical Research: Space Physics, 2017, 122, 4251-4265.	0.8	18
79	Ultra-relativistic radiation belt extinction and ULF wave radial diffusion: Modeling the September 2014 extended dropout event. Geophysical Research Letters, 2017, 44, 2624-2633.	1.5	42
80	MMS observation of inverse energy dispersion in shock drift accelerated ions. Journal of Geophysical Research: Space Physics, 2017, 122, 3232-3246.	0.8	1
81	Lower hybrid frequency range waves generated by ion polarization drift due to electromagnetic ion cyclotron waves: Analysis of an event observed by the Van Allen Probe B. Journal of Geophysical Research: Space Physics, 2017, 122, 449-463.	0.8	5
82	Structure and Properties of the Foreshock at Venus. Journal of Geophysical Research: Space Physics, 2017, 122, 10,275.	0.8	17
83	On the Effect of Geomagnetic Storms on Relativistic Electrons in the Outer Radiation Belt: Van Allen Probes Observations. Journal of Geophysical Research: Space Physics, 2017, 122, 11,100.	0.8	47
84	Spontaneous hot flow anomalies at Mars and Venus. Journal of Geophysical Research: Space Physics, 2017, 122, 9910-9923.	0.8	15
85	CIMI simulations with newly developed multiparameter chorus and plasmaspheric hiss wave models. Journal of Geophysical Research: Space Physics, 2017, 122, 9344-9357.	0.8	17
86	Traveling Foreshocks and Transient Foreshock Phenomena. Journal of Geophysical Research: Space Physics, 2017, 122, 9148-9168.	0.8	26
87	What Happens Before a Southward IMF Turning Reaches the Magnetopause?. Geophysical Research Letters, 2017, 44, 9159-9166.	1.5	9
88	Statistical analysis of MMS observations of energetic electron escape observed at/beyond the dayside magnetopause. Journal of Geophysical Research: Space Physics, 2017, 122, 9440-9463.	0.8	14
89	The Role of Solar Wind Structures in the Generation of ULF Waves in the Inner Magnetosphere. Solar Physics, 2017, 292, 1.	1.0	7
90	Energetic particle loss through the magnetopause: A combined global MHD and test-particle study. Journal of Geophysical Research: Space Physics, 2017, 122, 9329-9343.	0.8	38

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91	THEMIS satellite observations of hot flow anomalies at Earth's bow shock. <i>Annales Geophysicae</i> , 2017, 35, 443-451.	0.6	27
92	Intermittent Anisotropic Turbulence Detected by THEMIS in the Magnetosheath. <i>Astrophysical Journal Letters</i> , 2017, 851, L42.	3.0	10
93	Acceleration of radiation belt electrons and the role of the average interplanetary magnetic field B_z component in high-speed streams. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 10,084.	0.8	11
94	The Role of Solar Wind Structures in the Generation of ULF Waves in the Inner Magnetosphere. , 2017, , 653-667.		0
95	Multipoint spacecraft observations of long-lasting poloidal Pc4 pulsations in the dayside magnetosphere on 14 May 2014. <i>Annales Geophysicae</i> , 2016, 34, 985-998.	0.6	15
96	A neural network approach for identifying particle pitch angle distributions in Van Allen Probes data. <i>Space Weather</i> , 2016, 14, 275-284.	1.3	5
97	Outer radiation belt dropout dynamics following the arrival of two interplanetary coronal mass ejections. <i>Geophysical Research Letters</i> , 2016, 43, 978-987.	1.5	26
98	Wide field-of-view soft X-ray imaging for solar wind-magnetosphere interactions. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 3353-3361.	0.8	21
99	Accurately characterizing the importance of wave-particle interactions in radiation belt dynamics: The pitfalls of statistical wave representations. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 7895-7899.	0.8	21
100	Observations of energetic particle escape at the magnetopause: Early results from the MMS Energetic Ion Spectrometer (EIS). <i>Geophysical Research Letters</i> , 2016, 43, 5960-5968.	1.5	23
101	Do we know the actual magnetopause position for typical solar wind conditions?. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 6493-6508.	0.8	27
102	Impacts of spontaneous hot flow anomalies on the magnetosheath and magnetopause. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 3155-3169.	0.8	44
103	The substructure of a flux transfer event observed by the MMS spacecraft. <i>Geophysical Research Letters</i> , 2016, 43, 9434-9443.	1.5	33
104	Ionosphere-magnetosphere energy interplay in the regions of diffuse aurora. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 6661-6673.	0.8	8
105	Observation of chorus waves by the Van Allen Probes: Dependence on solar wind parameters and scale size. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 7608-7621.	0.8	31
106	Inverse energy dispersion of energetic ions observed in the magnetosheath. <i>Geophysical Research Letters</i> , 2016, 43, 7338-7347.	1.5	5
107	Density variations in the Earth's magnetospheric cusps. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 2131-2142.	0.8	12
108	Relativistic Electrons Produced by Foreshock Disturbances Observed Upstream of Earth's Bow Shock. <i>Physical Review Letters</i> , 2016, 117, 215101.	2.9	55

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109	On the dependence of storm time ULF wave power on magnetopause location: Impacts for ULF wave radial diffusion. <i>Geophysical Research Letters</i> , 2015, 42, 9676-9684.	1.5	34
110	Magnetosheath plasma structures and their relation to foreshock processes. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 7687-7697.	0.8	31
111	Electron distribution function formation in regions of diffuse aurora. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 9891-9915.	0.8	40
112	Weak kinetic Alfvén waves turbulence during the 14 November 2012 geomagnetic storm: Van Allen Probes observations. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 5504-5523.	0.8	36
113	Invited Article: First flight in space of a wide-field-of-view soft x-ray imager using lobster-eye optics: Instrument description and initial flight results. <i>Review of Scientific Instruments</i> , 2015, 86, 071301.	0.6	29
114	Asymmetric magnetospheric compressions and expansions in response to impact of inclined interplanetary shock. <i>Geophysical Research Letters</i> , 2015, 42, 4716-4722.	1.5	23
115	Relation between cusp ion structures and dayside reconnection for four IMF clock angles: OpenGGCM-TPT results. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 4890-4906.	0.8	17
116	THEMIS observation of intermittent turbulence behind the quasi-parallel and quasi-perpendicular shocks. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 7466-7476.	0.8	11
117	Van Allen Probe observations of drift-bounce resonances with Pc 4 pulsations and wave-particle interactions in the pre-midnight inner magnetosphere. <i>Annales Geophysicae</i> , 2015, 33, 955-964.	0.6	15
118	The global context of the 14 November 2012 storm event. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 1939-1956.	0.8	8
119	Superthermal electron magnetosphere-ionosphere coupling in the diffuse aurora in the presence of ECH waves. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 445-459.	0.8	12
120	Conjugate observations of traveling convection vortices associated with transient events at the magnetopause. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 2015-2035.	0.8	18
121	The impact of a slow interplanetary coronal mass ejection on Venus. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 3489-3502.	0.8	14
122	THE SOLAR WIND CHARGE-EXCHANGE PRODUCTION FACTOR FOR HYDROGEN. <i>Astrophysical Journal</i> , 2015, 808, 143.	1.6	29
123	Ion distributions in the Earth's foreshock: Hybrid-Vlasov simulation and THEMIS observations. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 3684-3701.	0.8	44
124	The link between shocks, turbulence, and magnetic reconnection in collisionless plasmas. <i>Physics of Plasmas</i> , 2014, 21, .	0.7	217
125	Simultaneous Ground- and Space-Based Observations of the Plasmaspheric Plume and Reconnection. <i>Science</i> , 2014, 343, 1122-1125.	6.0	97
126	Size and shape of the distant magnetotail. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 1028-1043.	0.8	32

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127	On lunar exospheric column densities and solar wind access beyond the terminator from ROSAT soft X-ray observations of solar wind charge exchange. <i>Journal of Geophysical Research E: Planets</i> , 2014, 119, 1459-1478.	1.5	24
128	Study of a global auroral Pc5 pulsation event with concurrent ULF waves. <i>Geophysical Research Letters</i> , 2014, 41, 6547-6555.	1.5	4
129	Plasma and energetic particle behaviors during asymmetric magnetic reconnection at the magnetopause. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 1658-1672.	0.8	30
130	Magnetosheath filamentary structures formed by ion acceleration at the quasi-parallel bow shock. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 2593-2604.	0.8	36
131	The plasmaspheric plume and magnetopause reconnection. <i>Geophysical Research Letters</i> , 2014, 41, 223-228.	1.5	67
132	A survey of hot flow anomalies at Venus. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 978-991.	0.8	21
133	Active current sheets and candidate hot flow anomalies upstream of Mercury's bow shock. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 853-876.	0.8	22
134	Parametric dependencies of spontaneous hot flow anomalies. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 9823-9833.	0.8	27
135	On the electron diffusion region in planar, asymmetric, systems. <i>Geophysical Research Letters</i> , 2014, 41, 8673-8680.	1.5	126
136	Large-scale flow vortices following a magnetospheric sudden impulse. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 3055-3064.	0.8	24
137	THEMIS observations of compressional poloidal pulsations in the dawnside magnetosphere: A case study. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 7665-7673.	0.8	14
138	Transient and Quasi-Periodic (5-15 Min) Events in the Outer Magnetosphere. <i>Geophysical Monograph Series</i> , 2013, , 173-182.	0.1	27
139	Spontaneous hot flow anomalies at quasi-parallel shocks: 1. Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 3357-3363.	0.8	92
140	The Magnetospheric Response to Foreshock Pressure Pulses. <i>Geophysical Monograph Series</i> , 2013, , 293-302.	0.1	15
141	Science Objectives and Rationale for the Radiation Belt Storm Probes Mission. <i>Space Science Reviews</i> , 2013, 179, 3-27.	3.7	841
142	Spontaneous hot flow anomalies at quasi-parallel shocks: 2. Hybrid simulations. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 173-180.	0.8	81
143	First observations of foreshock bubbles upstream of Earth's bow shock: Characteristics and comparisons to HFAs. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 1552-1570.	0.8	102
144	Dynamics of the foreshock compressional boundary and its connection to foreshock cavities. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 823-831.	0.8	43

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145	A new three-dimensional magnetopause model with a support vector regression machine and a large database of multiple spacecraft observations. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 2173-2184.	0.8	43
146	Solar wind charge exchange and Earth's magnetosheath. <i>AIP Conference Proceedings</i> , 2013, , .	0.3	2
147	Magnetopause reconnection and interlinked flux tubes. <i>Annales Geophysicae</i> , 2013, 31, 1853-1866.	0.6	10
148	The DXL and STORM sounding rocket mission. <i>Proceedings of SPIE</i> , 2013, , .	0.8	5
149	Generation of ULF Magnetic Pulsations in Response to Sudden Variations in Solar Wind Dynamic Pressure. <i>Geophysical Monograph Series</i> , 2013, , 265-271.	0.1	8
150	Spatial distribution of rolled up Kelvin-Helmholtz vortices at Earth's dayside and flank magnetopause. <i>Annales Geophysicae</i> , 2012, 30, 1025-1035.	0.6	59
151	Interball-1 observations of flux transfer events. <i>Annales Geophysicae</i> , 2012, 30, 1451-1462.	0.6	3
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