

# Dave G Sibeck

## List of Publications by Year in descending order

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263  
papers

10,839  
citations

43973

48  
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42291

92  
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272  
all docs

272  
docs citations

272  
times ranked

3035  
citing authors

#	ARTICLE	IF	CITATIONS
1	Science Objectives and Rationale for the Radiation Belt Storm Probes Mission. <i>Space Science Reviews</i> , 2013, 179, 3-27.	3.7	841
2	Tail Reconnection Triggering Substorm Onset. <i>Science</i> , 2008, 321, 931-935.	6.0	551
3	Solar wind control of the magnetopause shape, location, and motion. <i>Journal of Geophysical Research</i> , 1991, 96, 5489-5495.	3.3	454
4	Some low-altitude cusp dependencies on the interplanetary magnetic field. <i>Journal of Geophysical Research</i> , 1989, 94, 8921-8927.	3.3	324
5	A model for the transient magnetospheric response to sudden solar wind dynamic pressure variations. <i>Journal of Geophysical Research</i> , 1990, 95, 3755-3771.	3.3	272
6	Magnetopause shape as a bivariate function of interplanetary magnetic field $B_z$ and solar wind dynamic pressure. <i>Journal of Geophysical Research</i> , 1993, 98, 21421-21450.	3.3	271
7	The magnetospheric response to 8-minute period strong-amplitude upstream pressure variations. <i>Journal of Geophysical Research</i> , 1989, 94, 2505-2519.	3.3	244
8	The link between shocks, turbulence, and magnetic reconnection in collisionless plasmas. <i>Physics of Plasmas</i> , 2014, 21, .	0.7	217
9	Upstream pressure variations associated with the bow shock and their effects on the magnetosphere. <i>Journal of Geophysical Research</i> , 1990, 95, 3773-3786.	3.3	179
10	First Results from the THEMIS Mission. <i>Space Science Reviews</i> , 2008, 141, 453-476.	3.7	171
11	On the 3-dimensional structure of plasmoids. <i>Geophysical Research Letters</i> , 1987, 14, 636-639.	1.5	170
12	Comprehensive study of the magnetospheric response to a hot flow anomaly. <i>Journal of Geophysical Research</i> , 1999, 104, 4577-4593.	3.3	169
13	THEMIS Science Objectives and Mission Phases. <i>Space Science Reviews</i> , 2008, 141, 35-59.	3.7	168
14	Solar wind dynamic pressure variations and transient magnetospheric signatures. <i>Geophysical Research Letters</i> , 1989, 16, 13-16.	1.5	133
15	Magnetic field drift shell splitting: Cause of unusual dayside particle pitch angle distributions during storms and substorms. <i>Journal of Geophysical Research</i> , 1987, 92, 13485-13497.	3.3	127
16	On the electron diffusion region in planar, asymmetric, systems. <i>Geophysical Research Letters</i> , 2014, 41, 8673-8680.	1.5	126
17	The distant magnetotail's response to a strong interplanetary magnetic field $B_y$ : Twisting, flattening, and field line bending. <i>Journal of Geophysical Research</i> , 1985, 90, 4011-4019.	3.3	123
18	Observations of multiple X-line structure in the Earth's magnetotail current sheet: A Cluster case study. <i>Geophysical Research Letters</i> , 2005, 32, .	1.5	108

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19	Formation of hot flow anomalies and solitary shocks. Journal of Geophysical Research, 2007, 112, n/a-n/a.	3.3	107
20	Foreshock bubbles and their global magnetospheric impacts. Journal of Geophysical Research, 2010, 115, .	3.3	107
21	Wind observations of foreshock cavities: A case study. Journal of Geophysical Research, 2002, 107, SMP 4-1.	3.3	103
22	First observations of foreshock bubbles upstream of Earth's bow shock: Characteristics and comparisons to HFAs. Journal of Geophysical Research: Space Physics, 2013, 118, 1552-1570.	0.8	102
23	Jets Downstream of Collisionless Shocks. Space Science Reviews, 2018, 214, 1.	3.7	101
24	Simultaneous Ground- and Space-Based Observations of the Plasmaspheric Plume and Reconnection. Science, 2014, 343, 1122-1125.	6.0	97
25	Transient flux enhancements in the magnetosheath. Geophysical Research Letters, 1998, 25, 1273-1276.	1.5	94
26	Energetic magnetospheric ions at the dayside magnetopause: Leakage or merging?. Journal of Geophysical Research, 1987, 92, 12097-12114.	3.3	93
27	Spontaneous hot flow anomalies at quasi-parallel shocks: 1. Observations. Journal of Geophysical Research: Space Physics, 2013, 118, 3357-3363.	0.8	92
28	THEMIS observations of a hot flow anomaly: Solar wind, magnetosheath, and ground-based measurements. Geophysical Research Letters, 2008, 35, .	1.5	85
29	MHD simulation for the interaction of an interplanetary shock with the Earth's magnetosphere. Journal of Geophysical Research, 2007, 112, n/a-n/a.	3.3	84
30	Spontaneous hot flow anomalies at quasi-parallel shocks: 2. Hybrid simulations. Journal of Geophysical Research: Space Physics, 2013, 118, 173-180.	0.8	81
31	A multisatellite study of a pseudo-substorm onset in the near-Earth magnetotail. Journal of Geophysical Research, 1993, 98, 19355-19367.	3.3	78
32	Time History of Events and Macroscale Interactions during Substorms observations of a series of hot flow anomaly events. Journal of Geophysical Research, 2010, 115, .	3.3	75
33	Magnetopause expansions for quasi-radial interplanetary magnetic field: THEMIS and Geotail observations. Journal of Geophysical Research, 2010, 115, .	3.3	71
34	THEMIS observations of extreme magnetopause motion caused by a hot flow anomaly. Journal of Geophysical Research, 2009, 114, .	3.3	70
35	The first in situ observation of Kelvin-Helmholtz waves at high-latitude magnetopause during strongly dawnward interplanetary magnetic field conditions. Journal of Geophysical Research, 2012, 117, .	3.3	67
36	The plasmaspheric plume and magnetopause reconnection. Geophysical Research Letters, 2014, 41, 223-228.	1.5	67

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37	The Global Statistical Response of the Outer Radiation Belt During Geomagnetic Storms. <i>Geophysical Research Letters</i> , 2018, 45, 3783-3792.	1.5	66
38	A large statistical study of the entry of interplanetary magnetic field Y-component into the magnetosphere. <i>Geophysical Research Letters</i> , 1995, 22, 2083-2086.	1.5	65
39	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
40	Magnetopause reconnection across wide local time. <i>Annales Geophysicae</i> , 2011, 29, 1683-1697.	0.6	57
41	Dawnâ€dusk asymmetries in the Earth's magnetosheath. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	57
42	Foreshock compressional boundary. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	56
43	Relativistic Electrons Produced by Foreshock Disturbances Observed Upstream of Earthâ€™s Bow Shock. <i>Physical Review Letters</i> , 2016, 117, 215101.	2.9	55
44	Major flattening of the distant geomagnetic tail. <i>Journal of Geophysical Research</i> , 1986, 91, 4223-4237.	3.3	53
45	Gross deformation of the dayside magnetopause. <i>Geophysical Research Letters</i> , 1998, 25, 453-456.	1.5	53
46	Magnetopause motion driven by interplanetary magnetic field variations. <i>Journal of Geophysical Research</i> , 2000, 105, 25155-25169.	3.3	52
47	A Study of Intense Local $B_z$ Variations During Two Geomagnetic Storms. <i>Space Weather</i> , 2018, 16, 676-693.	1.3	52
48	A case study of transient event motion in the magnetosphere and in the ionosphere. <i>Journal of Geophysical Research</i> , 1995, 100, 35.	3.3	50
49	Concerning flux erosion from the dayside magnetosphere. <i>Journal of Geophysical Research</i> , 1994, 99, 13425.	3.3	49
50	ARTEMIS Science Objectives. <i>Space Science Reviews</i> , 2011, 165, 59-91.	3.7	47
51	On the Effect of Geomagnetic Storms on Relativistic Electrons in the Outer Radiation Belt: Van Allen Probes Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 11,100.	0.8	47
52	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
53	The two-lobe structure of the distant ( $\sim 200 R_{\oplus}$ ) magnetotail. <i>Geophysical Research Letters</i> , 1984, 11, 1066-1069.	1.5	45
54	The magnetosphere as a sufficient source for upstream ions on November 1, 1984. <i>Journal of Geophysical Research</i> , 1988, 93, 14328-14342.	3.3	44

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55	First Results from ARTEMIS, a New Two-Spacecraft Lunar Mission: Counter-Streaming Plasma Populations in the Lunar Wake. <i>Space Science Reviews</i> , 2011, 165, 93-107.	3.7	44
56	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
57	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
58	A case and statistical study of transient magnetic field events at geosynchronous orbit and their solar wind origin. <i>Journal of Geophysical Research</i> , 1995, 100, 5643.	3.3	43
59	Pressure-pulse interaction with the magnetosphere and ionosphere. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	43
60	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
61	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
62	Concerning the location of magnetopause merging as a function of the magnetopause current strength. <i>Journal of Geophysical Research</i> , 1998, 103, 6675-6684.	3.3	42
63	Ultra-relativistic radiation belt extinction and ULF wave radial diffusion: Modeling the September 2014 extended dropout event. <i>Geophysical Research Letters</i> , 2017, 44, 2624-2633.	1.5	42
64	Flux transfer events in the cusp. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	41
65	Extended Magnetic Reconnection across the Dayside Magnetopause. <i>Physical Review Letters</i> , 2011, 107, 025004.	2.9	41
66	Magnetospheric Multiscale mission observations of the outer electron diffusion region. <i>Geophysical Research Letters</i> , 2017, 44, 2049-2059.	1.5	41
67	The magnetosphere as a source of energetic magnetosheath ions. <i>Geophysical Research Letters</i> , 1987, 14, 1011-1014.	1.5	40
68	Magnetospheric plasma flows associated with boundary waves and flux transfer events. <i>Geophysical Research Letters</i> , 1992, 19, 1903-1906.	1.5	40
69	Solar wind preconditioning in the flank foreshock: IMP 8 observations. <i>Journal of Geophysical Research</i> , 2001, 106, 21675-21688.	3.3	40
70	Electron distribution function formation in regions of diffuse aurora. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 9891-9915.	0.8	40
71	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
72	Geosynchronous magnetic field temporal response to solar wind and IMF variations. <i>Journal of Geophysical Research</i> , 2002, 107, SMP 32-1-SMP 32-10.	3.3	39

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73	On the edge of the foreshock: model-data comparisons. <i>Annales Geophysicae</i> , 2008, 26, 1539-1544.	0.6	39
74	Survival of flux transfer event (FTE) flux ropes far along the tail magnetopause. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	39
75	Magnetic field properties of the distant magnetotail magnetopause and boundary layer. <i>Journal of Geophysical Research</i> , 1985, 90, 9561-9575.	3.3	38
76	Energetic particle loss through the magnetopause: A combined global MHD and testâ€particle study. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 9329-9343.	0.8	38
77	Crater FTEs: Simulation results and THEMIS observations. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	37
78	Signatures of flux erosion from the dayside magnetosphere. <i>Journal of Geophysical Research</i> , 1994, 99, 8513.	3.3	36
79	Magnetosheath filamentary structures formed by ion acceleration at the quasiâ€parallel bow shock. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 2593-2604.	0.8	36
80	Weak kinetic AlfvÃ©n waves turbulence during the 14â€Novemberâ€2012 geomagnetic storm: Van Allen Probes observations. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 5504-5523.	0.8	36
81	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
82	Magnetospheric particle injection and the upstream ion event of September 5, 1984. <i>Geophysical Research Letters</i> , 1986, 13, 1376-1379.	1.5	35
83	Hot flow anomalies at Venus. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	35
84	Dayside Transient Phenomena and Their Impact on the Magnetosphere and Ionosphere. <i>Space Science Reviews</i> , 2022, 218, .	3.7	35
85	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
86	<i>B<sub>y</sub></i> fluctuations in the magnetosheath and azimuthal flow velocity transients in the dayside ionosphere. <i>Geophysical Research Letters</i> , 1993, 20, 1719-1722.	1.5	33
87	The substructure of a flux transfer event observed by the MMS spacecraft. <i>Geophysical Research Letters</i> , 2016, 43, 9434-9443.	1.5	33
88	Size and shape of the distant magnetotail. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 1028-1043.	0.8	32
89	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
90	Impact of Precipitating Electrons and Magnetosphereâ€Ionosphere Coupling Processes on Ionospheric Conductance. <i>Space Weather</i> , 2018, 16, 829-837.	1.3	32

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91	Magnetosheath plasma structures and their relation to foreshock processes. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 7687-7697.	0.8	31
92	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
93	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
94	Formation and Topology of Foreshock Bubbles. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA028058.	0.8	30
95	Downstream properties of magnetic flux transfer events. <i>Journal of Geophysical Research</i> , 1984, 89, 10709-10715.	3.3	29
96	Reply to "Comment on "Solar wind dynamic pressure variations and transient magnetospheric signatures". <i>Geophysical Research Letters</i> , 1989, 16, 1200-1202.	1.5	29
97	Upper limits on the contribution of flux transfer events to ionospheric convection. <i>Geophysical Research Letters</i> , 1993, 20, 2829-2832.	1.5	29
98	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
99	THE SOLAR WIND CHARGE-EXCHANGE PRODUCTION FACTOR FOR HYDROGEN. <i>Astrophysical Journal</i> , 2015, 808, 143.	1.6	29
100	Magnetosheath response to the interplanetary magnetic field tangential discontinuity. <i>Journal of Geophysical Research</i> , 2000, 105, 25113-25121.	3.3	28
101	Transient and Quasi-Periodic (5-15 Min) Events in the Outer Magnetosphere. <i>Geophysical Monograph Series</i> , 2013, , 173-182.	0.1	27
102	Parametric dependencies of spontaneous hot flow anomalies. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 9823-9833.	0.8	27
103	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
104	THEMIS satellite observations of hot flow anomalies at Earth's bow shock. <i>Annales Geophysicae</i> , 2017, 35, 443-451.	0.6	27
105	Propagation of a sudden impulse through the magnetosphere initiating magnetospheric Pc5 pulsations. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	26
106	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
107	Traveling Foreshocks and Transient Foreshock Phenomena. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 9148-9168.	0.8	26
108	Magnetosheath jet properties and evolution as determined by a global hybrid-Vlasov simulation. <i>Annales Geophysicae</i> , 2018, 36, 1171-1182.	0.6	26

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109	Magnetic Reconnection Inside a Flux Rope Induced by Kelvin-Helmholtz Vortices. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027665.	0.8	26
110	Quiet time variability of the geosynchronous magnetic field and its response to the solar wind. Journal of Geophysical Research, 2002, 107, SMP 16-1-SMP 16-10.	3.3	25
111	Kinetic aspects of foreshock cavities. Geophysical Research Letters, 2006, 33, .	1.5	25
112	Thin magnetosheath as a consequence of the magnetopause deformation: THEMIS observations. Journal of Geophysical Research, 2010, 115, .	3.3	25
113	Properties of Magnetic Reconnection and FTEs on the Dayside Magnetopause With and Without Positive IMF $B_x$ Component During Southward IMF. Journal of Geophysical Research: Space Physics, 2019, 124, 4037-4048.	0.8	25
114	Evidence for flux ropes in the earth's magnetotail. Geophysical Monograph Series, 1990, , 637-646.	0.1	24
115	The statistics of foreshock cavities: results of a Cluster survey. Annales Geophysicae, 2008, 26, 3653-3667.	0.6	24
116	Large-scale flow vortices following a magnetospheric sudden impulse. Journal of Geophysical Research: Space Physics, 2013, 118, 3055-3064.	0.8	24
117	On lunar exospheric column densities and solar wind access beyond the terminator from ROSAT soft X-ray observations of solar wind charge exchange. Journal of Geophysical Research E: Planets, 2014, 119, 1459-1478.	1.5	24
118	Simultaneous energetic particle observations at geostationary orbit and in the upstream solar wind: Evidence for leakage during the magnetospheric compression event of November 1, 1984. Journal of Geophysical Research, 1988, 93, 14317-14327.	3.3	23
119	Asymmetric magnetospheric compressions and expansions in response to impact of inclined interplanetary shock. Geophysical Research Letters, 2015, 42, 4716-4722.	1.5	23
120	Observations of energetic particle escape at the magnetopause: Early results from the MMS Energetic Ion Spectrometer (EIS). Geophysical Research Letters, 2016, 43, 5960-5968.	1.5	23
121	Small-scale Flux Transfer Events Formed in the Reconnection Exhaust Region Between Two X Lines. Journal of Geophysical Research: Space Physics, 2018, 123, 8473-8488.	0.8	23
122	Determining the Mode, Frequency, and Azimuthal Wave Number of ULF Waves During a HSS and Moderate Geomagnetic Storm. Journal of Geophysical Research: Space Physics, 2018, 123, 6457-6477.	0.8	23
123	Electron Vorticity Indicative of the Electron Diffusion Region of Magnetic Reconnection. Geophysical Research Letters, 2019, 46, 6287-6296.	1.5	23
124	A case study of oppositely propagating Alfvénic fluctuations in the solar wind and magnetosheath. Geophysical Research Letters, 1997, 24, 3133-3136.	1.5	22
125	Radiation belt storm probes: Resolving fundamental physics with practical consequences. Journal of Atmospheric and Solar-Terrestrial Physics, 2011, 73, 1417-1424.	0.6	22
126	Active current sheets and candidate hot flow anomalies upstream of Mercury's bow shock. Journal of Geophysical Research: Space Physics, 2014, 119, 853-876.	0.8	22



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127	Energetic electrons and ions in the magnetosheath at low and medium latitudes: Prognostic 10 data. <i>Journal of Geophysical Research</i> , 1992, 97, 14849-14857.	3.3	21
128	A survey of hot flow anomalies at Venus. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 978-991.	0.8	21
129	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
130	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
131	Magnetospheric Multiscale Observations of Turbulence in the Magnetosheath on Kinetic Scales. <i>Astrophysical Journal Letters</i> , 2018, 864, L29.	3.0	21
132	THEMIS observations of compressional pulsations in the dawn-side magnetosphere: a case study. <i>Annales Geophysicae</i> , 2009, 27, 3725-3735.	0.6	21
133	Possible leakage of energetic particles from the magnetosphere into the upstream region on June 7, 1985. <i>Journal of Geophysical Research</i> , 1990, 95, 20825-20832.	3.3	19
134	The Evolution of a Pitch-Angle Bounce-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
135	Simultaneous observations of magnetopause flux transfer events and of their associated signatures at ionospheric altitudes. <i>Annales Geophysicae</i> , 2004, 22, 2181-2199.	0.6	19
136	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
137	Is diffuse aurora driven from above or below?. <i>Geophysical Research Letters</i> , 2017, 44, 641-647.	1.5	18
138	Major pathways to electron distribution function formation in regions of diffuse aurora. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 4251-4265.	0.8	18
139	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
140	High-latitude ionospheric transient events in a global context. <i>Journal of Geophysical Research</i> , 1997, 102, 17499-17508.	3.3	17
141	on the source region of traveling convection vortices. <i>Geophysical Research Letters</i> , 1997, 24, 237-240.	1.5	17
142	A statistical study of the magnetosphere boundary crossings by the Geotail satellite. <i>Geophysical Research Letters</i> , 2000, 27, 2881-2884.	1.5	17
143	Short large-amplitude magnetic structures (SLAMS) at Venus. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	17
144	Relation between cusp ion structures and dayside reconnection for four IMF clock angles: OpenGGCM-LTP results. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 4890-4906.	0.8	17

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145	Structure and Properties of the Foreshock at Venus. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 10,275.	0.8	17
146	CIMI simulations with newly developed multiparameter chorus and plasmaspheric hiss wave models. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 9344-9357.	0.8	17
147	Twisting of the Geomagnetic Tail. <i>Astrophysics and Space Science Library</i> , 1986, , 731-738.	1.0	17
148	Magnetosheath cavities: case studies using Cluster observations. <i>Annales Geophysicae</i> , 2009, 27, 3765-3780.	0.6	17
149	The Magnetosphereâ€šIonosphere 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
150	The effect of magnetosheath plasma flow on flux transfer events produced by the onset of merging at a single X line. <i>Journal of Geophysical Research</i> , 1998, 103, 6693-6702.	3.3	15
151	The Magnetospheric Response to Foreshock Pressure Pulses. <i>Geophysical Monograph Series</i> , 2013, , 293-302.	0.1	15
152	Van Allen Probe observations of drift-bounce resonances with Pc 4 pulsations and waveâ€šparticle interactions in the pre-midnight inner magnetosphere. <i>Annales Geophysicae</i> , 2015, 33, 955-964.	0.6	15
153	Multipoint spacecraft observations of long-lasting poloidal Pc4 pulsations in the dayside magnetosphere on 1â€š2 May 2014. <i>Annales Geophysicae</i> , 2016, 34, 985-998.	0.6	15
154	Spontaneous hot flow anomalies at Mars and Venus. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 9910-9923.	0.8	15
155	Energetic proton and electron dispersion signatures in the nightside magnetosheath supporting their leakage out of the magnetopause. <i>Journal of Geophysical Research</i> , 2000, 105, 15729-15739.	3.3	14
156	Radial dependence of foreshock cavities: a case study. <i>Annales Geophysicae</i> , 2004, 22, 4143-4151.	0.6	14
157	Reconstruction of a flux transfer event based on observations from five THEMIS satellites. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	14
158	Dayside magnetopause transients correlated with changes of the magnetosheath magnetic field orientation. <i>Annales Geophysicae</i> , 2011, 29, 687-699.	0.6	14
159	Frequency doubling and fieldâ€šaligned ion streaming in a longâ€šperiod poloidal pulsation. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	14
160	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
161	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
162	Statistical analysis of MMS observations of energetic electron escape observed at/beyond the dayside magnetopause. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 9440-9463.	0.8	14

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