

Jonathan Eastwood

List of Publications by Year in descending order

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160
papers

8,242
citations

36203

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54797

84
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180
all docs

180
docs citations

180
times ranked

3382
citing authors

#	ARTICLE	IF	CITATIONS
1	Particle energization in space plasmas: towards a multi-point, multi-scale plasma observatory. <i>Experimental Astronomy</i> , 2022, 54, 427-471.	1.6	14
2	Turbulence-driven magnetic reconnection and the magnetic correlation length: Observations from Magnetospheric Multiscale in Earth's magnetosheath. <i>Physics of Plasmas</i> , 2022, 29, .	0.7	30
3	Comparing the Heliospheric Cataloging, Analysis, and Techniques Service (HELCASTS) Manual and Automatic Catalogues of Coronal Mass Ejections Using Solar Terrestrial Relations Observatory/Heliospheric Imager (STEREO/HI) Data. <i>Solar Physics</i> , 2022, 297, 1.	1.0	3
4	Time-varying Magnetopause Reconnection During Sudden Commencement: Global MHD Simulations. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	4
5	Parker Solar Probe Observations of Solar Wind Energetic Proton Beams Produced by Magnetic Reconnection in the Near-Sun Heliospheric Current Sheet. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	15
6	On the Considerations of Using Near Real Time Data for Space Weather Hazard Forecasting. <i>Space Weather</i> , 2022, 20, .	1.3	5
7	Comparative Analysis of the Various Generalized Ohm's Law Terms in Magnetosheath Turbulence as Observed by Magnetospheric Multiscale. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, 2020JA028447.	0.8	15
8	Development of Space Weather Reasonable Worst-Case Scenarios for the UK National Risk Assessment. <i>Space Weather</i> , 2021, 19, e2020SW002593.	1.3	41
9	Electron Trapping in Magnetic Mirror Structures at the Edge of Magnetopause Flux Ropes. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029182.	0.8	3
10	Magnetic increases with central current sheets: observations with Parker Solar Probe. <i>Astronomy and Astrophysics</i> , 2021, 650, A11.	2.1	8
11	Prevalence of magnetic reconnection in the near-Sun heliospheric current sheet. <i>Astronomy and Astrophysics</i> , 2021, 650, A13.	2.1	23
12	Interplanetary Shock-Induced Magnetopause Motion: Comparison Between Theory and Global Magnetohydrodynamic Simulations. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL092554.	1.5	10
13	Solar Orbiter observations of an ion-scale flux rope confined to a bifurcated solar wind current sheet. <i>Astronomy and Astrophysics</i> , 2021, 656, A27.	2.1	6
14	Multi-spacecraft study of the solar wind at solar minimum: Dependence on latitude and transient outflows. <i>Astronomy and Astrophysics</i> , 2021, 652, A105.	2.1	9
15	Solar Wind Control of Magnetosheath Jet Formation and Propagation to the Magnetopause. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029592.	0.8	16
16	Drift Orbit Bifurcations and Cross-Field Transport in the Outer Radiation Belt: Global MHD and Integrated Test-Particle Simulations. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029802.	0.8	9
17	Magnetic reconnection as a mechanism to produce multiple thermal proton populations and beams locally in the solar wind. <i>Astronomy and Astrophysics</i> , 2021, 656, A37.	2.1	12
18	Multi-beam energy moments of measured compound ion velocity distributions. <i>Physics of Plasmas</i> , 2021, 28, 102305.	0.7	6

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19	Control of Magnetopause Flux Rope Topology by Non-local Reconnection. <i>Frontiers in Astronomy and Space Sciences</i> , 2021, 8, .	1.1	5
20	Curlometer Technique and Applications. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029538.	0.8	18
21	Spatial evolution of magnetic reconnection diffusion region structures with distance from the X-line. <i>Physics of Plasmas</i> , 2021, 28, .	0.7	3
22	Energy transfer in reconnection and turbulence. <i>Physical Review E</i> , 2021, 104, 065206.	0.8	16
23	CMEs in the Heliosphere: III. A Statistical Analysis of the Kinematic Properties Derived from Stereoscopic Geometrical Modelling Techniques Applied to CMEs Detected in the Heliosphere from 2008 to 2014 by STEREO/HI-1. <i>Solar Physics</i> , 2020, 295, 1.	1.0	13
24	Multibeam Energy Moments of Multibeam Particle Velocity Distributions. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA028340.	0.8	11
25	Space Weather Magnetometer Aboard GEO-KOMPSAT-2A. <i>Space Science Reviews</i> , 2020, 216, 1.	3.7	13
26	Dipole Tilt Effect on Magnetopause Reconnection and the Steady-State Magnetosphere-Ionosphere System: Global MHD Simulations. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027510.	0.8	12
27	Reconnection from a turbulence perspective. <i>Physics of Plasmas</i> , 2020, 27, .	0.7	17
28	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
29	Solar Wind Reconnection Exhausts in the Inner Heliosphere Observed by Helios and Detected via Machine Learning. <i>Astrophysical Journal</i> , 2020, 895, 68.	1.6	4
30	Comparative Analysis of the Vlasiator Simulations and MMS Observations of Multiple X-Line Reconnection and Flux Transfer Events. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027410.	0.8	18
31	Cluster and MMS Simultaneous Observations of Magnetosheath High Speed Jets and Their Impact on the Magnetopause. <i>Frontiers in Astronomy and Space Sciences</i> , 2020, 6, .	1.1	18
32	On the Ubiquity of Magnetic Reconnection Inside Flux Transfer Event-Like Structures at the Earth's Magnetopause. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL086726.	1.5	20
33	Statistics of Reconnecting Current Sheets in the Transition Region of Earth's Bow Shock. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027119.	0.8	32
34	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
35	Characteristics of the Flank Magnetopause: MMS Results. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027623.	0.8	24
36	Energy Flux Densities near the Electron Dissipation Region in Asymmetric Magnetopause Reconnection. <i>Physical Review Letters</i> , 2020, 125, 265102.	2.9	17

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37	Sharp Alfvénic Impulses in the Near-Sun Solar Wind. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 45.	3.0	115
38	Spatial Variations of Low-mass Negative Ions in Titan's Upper Atmosphere. <i>Planetary Science Journal</i> , 2020, 1, 50.	1.5	3
39	MMS Multi-Point Analysis of FTE Evolution: Physical Characteristics and Dynamics. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 5376-5395.	0.8	17
40	Statistical Survey of Coronal Mass Ejections and Interplanetary Type II Bursts. <i>Astrophysical Journal</i> , 2019, 882, 92.	1.6	14
41	Dissipation of Earthward Propagating Flux Rope Through Reconnection with Geomagnetic Field: An MMS Case Study. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 7477-7493.	0.8	15
42	Four-Spacecraft Measurements of the Shape and Dimensionality of Magnetic Structures in the Near-Earth Plasma Environment. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 6850-6868.	0.8	7
43	Reconnection With Magnetic Flux Pileup at the Interface of Converging Jets at the Magnetopause. <i>Geophysical Research Letters</i> , 2019, 46, 1937-1946.	1.5	36
44	Structure of the Current Sheet in the 11 July 2017 Electron Diffusion Region Event. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 1173-1186.	0.8	34
45	CMEs in the Heliosphere: II. A Statistical Analysis of the Kinematic Properties Derived from Single-Spacecraft Geometrical Modelling Techniques Applied to CMEs Detected in the Heliosphere from 2007 to 2017 by STEREO/HI-1. <i>Solar Physics</i> , 2019, 294, 1.	1.0	25
46	Properties of the Turbulence Associated with Electron-only Magnetic Reconnection in Earth's Magnetosheath. <i>Astrophysical Journal Letters</i> , 2019, 877, L37.	3.0	80
47	Self-Similarity of ICME Flux Ropes: Observations by Radially Aligned Spacecraft in the Inner Heliosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 4960-4982.	0.8	48
48	Observations of Magnetic Reconnection in the Transition Region of Quasi-Parallel Shocks. <i>Geophysical Research Letters</i> , 2019, 46, 1177-1184.	1.5	51
49	Signatures of Magnetic Separatrices at the Borders of a Crater Flux Transfer Event Connected to an Active X-Line. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 8600-8616.	0.8	5
50	Highly structured slow solar wind emerging from an equatorial coronal hole. <i>Nature</i> , 2019, 576, 237-242.	13.7	401
51	Global MHD Simulations of the Earth's Bow Shock Shape and Motion Under Variable Solar Wind Conditions. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 259-271.	0.8	22
52	Interplanetary Type III Bursts and Electron Density Fluctuations in the Solar Wind. <i>Astrophysical Journal</i> , 2018, 857, 82.	1.6	38
53	Magnetic Reconnection, Turbulence, and Particle Acceleration: Observations in the Earth's Magnetotail. <i>Geophysical Research Letters</i> , 2018, 45, 3338-3347.	1.5	69
54	MMS Examination of FTEs at the Earth's Subsolar Magnetopause. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 1224-1241.	0.8	39

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55	MMS Observation of Asymmetric Reconnection Supported by 3D Electron Pressure Divergence. Journal of Geophysical Research: Space Physics, 2018, 123, 1806-1821.	0.8	34
56	CMEs in the Heliosphere: I. A Statistical Analysis of the Observational Properties of CMEs Detected in the Heliosphere from 2007 to 2017 by STEREO/HI-1. Solar Physics, 2018, 293, 1.	1.0	36
57	Guide Field Reconnection: Exhaust Structure and Heating. Geophysical Research Letters, 2018, 45, 4569-4577.	1.5	34
58	Magnetic Reconnection at a Thin Current Sheet Separating Two Interlaced Flux Tubes at the Earth's Magnetopause. Journal of Geophysical Research: Space Physics, 2018, 123, 1779-1793.	0.8	35
59	Correlation of ICME Magnetic Fields at Radially Aligned Spacecraft. Solar Physics, 2018, 293, 52.	1.0	26
60	Forging links in Earth's plasma environment. Astronomy and Geophysics, 2018, 59, 6.26-6.28.	0.1	7
61	Electron-scale dynamics of the diffusion region during symmetric magnetic reconnection in space. Science, 2018, 362, 1391-1395.	6.0	221
62	Quantifying the Economic Value of Space Weather Forecasting for Power Grids: An Exploratory Study. Space Weather, 2018, 16, 2052-2067.	1.3	40
63	On the role of separatrix instabilities in heating the reconnection outflow region. Physics of Plasmas, 2018, 25, .	0.7	27
64	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
65	Ion Kinetics in a Hot Flow Anomaly: MMS Observations. Geophysical Research Letters, 2018, 45, 11,520.	1.5	28
66	Electron magnetic reconnection without ion coupling in Earth's turbulent magnetosheath. Nature, 2018, 557, 202-206.	13.7	263
67	Intense Electric Fields and Electron-scale Substructure Within Magnetotail Flux Ropes as Revealed by the Magnetospheric Multiscale Mission. Geophysical Research Letters, 2018, 45, 8783-8792.	1.5	34
68	Statistical properties of solar wind reconnection exhausts. Journal of Geophysical Research: Space Physics, 2017, 122, 5895-5909.	0.8	29
69	Drift waves, intense parallel electric fields, and turbulence associated with asymmetric magnetic reconnection at the magnetopause. Geophysical Research Letters, 2017, 44, 2978-2986.	1.5	46
70	The Economic Impact of Space Weather: Where Do We Stand?. Risk Analysis, 2017, 37, 206-218.	1.5	187
71	Switch-off slow shock/rotational discontinuity structures in collisionless magnetic reconnection: What to look for in satellite observations. Geophysical Research Letters, 2017, 44, 3447-3455.	1.5	12
72	Intermittent energy dissipation by turbulent reconnection. Geophysical Research Letters, 2017, 44, 37-43.	1.5	176

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73	MMS Observations of Reconnection at Dayside Magnetopause Crossings During Transitions of the Solar Wind to Sub-Alfvénic Flow. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 9934-9951.	0.8	3
74	THEMIS multispacecraft observations of a reconnecting magnetosheath current sheet with symmetric boundary conditions and a large guide field. <i>Geophysical Research Letters</i> , 2017, 44, 7598-7606.	1.5	14
75	Modeling observations of solar coronal mass ejections with heliospheric imagers verified with the Heliophysics System Observatory. <i>Space Weather</i> , 2017, 15, 955-970.	1.3	65
76	The Scientific Foundations of Forecasting Magnetospheric Space Weather. <i>Space Science Reviews</i> , 2017, 212, 1221-1252.	3.7	34
77	Magnetospheric Multiscale analysis of intense field-aligned Poynting flux near the Earth's plasma sheet boundary. <i>Geophysical Research Letters</i> , 2017, 44, 7106-7113.	1.5	16
78	Establishing the Context for Reconnection Diffusion Region Encounters and Strategies for the Capture and Transmission of Diffusion Region Burst Data by MMS. , 2017, , 629-648.		0
79	The Scientific Foundations of Forecasting Magnetospheric Space Weather. <i>Space Sciences Series of ISSI</i> , 2017, , 339-370.	0.0	1
80	Currents and associated electron scattering and bouncing near the diffusion region at Earth's magnetopause. <i>Geophysical Research Letters</i> , 2016, 43, 3042-3050.	1.5	81
81	Ion-scale secondary flux ropes generated by magnetopause reconnection as resolved by MMS. <i>Geophysical Research Letters</i> , 2016, 43, 4716-4724.	1.5	95
82	Long-Term Tracking of Corotating Density Structures Using Heliospheric Imaging. <i>Solar Physics</i> , 2016, 291, 1853-1875.	1.0	25
83	PREDICTION OF GEOMAGNETIC STORM STRENGTH FROM INNER HELIOSPHERIC IN SITU OBSERVATIONS. <i>Astrophysical Journal</i> , 2016, 833, 255.	1.6	28
84	Electron-scale measurements of magnetic reconnection in space. <i>Science</i> , 2016, 352, aaf2939.	6.0	545
85	Ion Larmor radius effects near a reconnection X line at the magnetopause: THEMIS observations and simulation comparison. <i>Geophysical Research Letters</i> , 2016, 43, 8844-8852.	1.5	21
86	MMS observations of electron-scale filamentary currents in the reconnection exhaust and near the X line. <i>Geophysical Research Letters</i> , 2016, 43, 6060-6069.	1.5	99
87	MMS observations of large guide field symmetric reconnection between colliding reconnection jets at the center of a magnetic flux rope at the magnetopause. <i>Geophysical Research Letters</i> , 2016, 43, 5536-5544.	1.5	84
88	Observations of turbulence in a Kelvin-Helmholtz event on 8 September 2015 by the Magnetospheric Multiscale mission. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 11,021.	0.8	81
89	Global MHD simulations of Neptune's magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 7497-7513.	0.8	20
90	Magnetospheric Multiscale Mission observations and non-force free modeling of a flux transfer event immersed in a super-Alfvénic flow. <i>Geophysical Research Letters</i> , 2016, 43, 6070-6077.	1.5	22

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91	Magnetospheric Multiscale Satellites Observations of Parallel Electric Fields Associated with Magnetic Reconnection. <i>Physical Review Letters</i> , 2016, 116, 235102.	2.9	61
92	Observations of Hall Reconnection Physics Far Downstream of the X Line. <i>Physical Review Letters</i> , 2016, 117, 185102.	2.9	22
93	Turbulence Heating Observer "satellite mission proposal. <i>Journal of Plasma Physics</i> , 2016, 82, .	0.7	60
94	AN ANALYSIS OF INTERPLANETARY SOLAR RADIO EMISSIONS ASSOCIATED WITH A CORONAL MASS EJECTION. <i>Astrophysical Journal Letters</i> , 2016, 823, L5.	3.0	20
95	Magnetospheric Multiscale observations of large-amplitude, parallel, electrostatic waves associated with magnetic reconnection at the magnetopause. <i>Geophysical Research Letters</i> , 2016, 43, 5626-5634.	1.5	66
96	Cassini in situ observations of long-duration magnetic reconnection in Saturn's magnetotail. <i>Nature Physics</i> , 2016, 12, 268-271.	6.5	35
97	Establishing the Context for Reconnection Diffusion Region Encounters and Strategies for the Capture and Transmission of Diffusion Region Burst Data by MMS. <i>Space Science Reviews</i> , 2016, 199, 631-650.	3.7	14
98	What Controls the Structure and Dynamics of Earth's Magnetosphere?. <i>Space Sciences Series of ISSI</i> , 2016, , 271-306.	0.0	0
99	Sunjammer. <i>Weather</i> , 2015, 70, 27-30.	0.6	11
100	Ion temperature anisotropy across a magnetotail reconnection jet. <i>Geophysical Research Letters</i> , 2015, 42, 7239-7247.	1.5	57
101	Magnetic reconnection now and in the future. <i>Astronomy and Geophysics</i> , 2015, 56, 6.18-6.23.	0.1	2
102	Development of bifurcated current sheets in solar wind reconnection exhausts. <i>Geophysical Research Letters</i> , 2015, 42, 10,513.	1.5	28
103	The MAGIC of CINEMA: first in-flight science results from a miniaturised anisotropic magnetoresistive magnetometer. <i>Annales Geophysicae</i> , 2015, 33, 725-735.	0.6	26
104	Detection of small-scale folds at a solar wind reconnection exhaust. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 30-42.	0.8	8
105	Ion reflection and acceleration near magnetotail dipolarization fronts associated with magnetic reconnection. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 511-525.	0.8	59
106	What Controls the Structure and Dynamics of Earth's Magnetosphere?. <i>Space Science Reviews</i> , 2015, 188, 251-286.	3.7	43
107	Observing Magnetic Reconnection: The Influence of Jim Dungey. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , 2015, , 181-197.	0.3	4
108	Observations of plasma waves in the colliding jet region of a magnetic flux rope flanked by two active X lines at the subsolar magnetopause. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 6256-6272.	0.8	29

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109	Space magnetometer based on an anisotropic magnetoresistive hybrid sensor. Review of Scientific Instruments, 2014, 85, 125117.	0.6	22
110	Sequentially released tilted flux ropes in the Earth's magnetotail. Plasma Physics and Controlled Fusion, 2014, 56, 064011.	0.9	17
111	ÅEerenkov Emission of Quasiparallel Whistlers by Fast Electron Phase-Space Holes during Magnetic Reconnection. Physical Review Letters, 2014, 112, 145002.	2.9	49
112	Saturn's dynamic magnetotail: A comprehensive magnetic field and plasma survey of plasmoids and traveling compression regions and their role in global magnetospheric dynamics. Journal of Geophysical Research: Space Physics, 2014, 119, 5465-5494.	0.8	69
113	Ion bulk heating in magnetic reconnection exhausts at Earth's magnetopause: Dependence on the inflow Alfvén speed and magnetic shear angle. Geophysical Research Letters, 2014, 41, 7002-7010.	1.5	73
114	The role of pressure gradients in driving sunward magnetosheath flows and magnetopause motion. Journal of Geophysical Research: Space Physics, 2014, 119, 8117-8125.	0.8	43
115	Magnetic Field Measurements from a Solar Sail Platform with Space Weather Applications. , 2014, , 185-200.		4
116	Energy Partition in Magnetic Reconnection in Earth's Magnetotail. Physical Review Letters, 2013, 110, 225001.	2.9	75
117	Magnetospheric response to magnetosheath pressure pulses: A low-pass filter effect. Journal of Geophysical Research: Space Physics, 2013, 118, 5454-5466.	0.8	53
118	Influence of asymmetries and guide fields on the magnetic reconnection diffusion region in collisionless space plasmas. Plasma Physics and Controlled Fusion, 2013, 55, 124001.	0.9	43
119	Three-dimensional magnetic flux rope structure formed by multiple sequential X-line reconnection at the magnetopause. Journal of Geophysical Research: Space Physics, 2013, 118, 1904-1911.	0.8	48
120	Electron bulk heating in magnetic reconnection at Earth's magnetopause: Dependence on the inflow Alfvén speed and magnetic shear. Geophysical Research Letters, 2013, 40, 4475-4480.	1.5	101
121	Observations of magnetic flux ropes during magnetic reconnection in the Earth's magnetotail. Annales Geophysicae, 2012, 30, 761-773.	0.6	45
122	Spatial distribution of rolled up Kelvin-Helmholtz vortices at Earth's dayside and flank magnetopause. Annales Geophysicae, 2012, 30, 1025-1035.	0.6	59
123	AN ANALYSIS OF THE ORIGIN AND PROPAGATION OF THE MULTIPLE CORONAL MASS EJECTIONS OF 2010 AUGUST 1. Astrophysical Journal, 2012, 750, 45.	1.6	82
124	MULTI-POINT SHOCK AND FLUX ROPE ANALYSIS OF MULTIPLE INTERPLANETARY CORONAL MASS EJECTIONS AROUND 2010 AUGUST 1 IN THE INNER HELIOSPHERE. Astrophysical Journal, 2012, 758, 10.	1.6	109
125	A chain of magnetic flux ropes in the magnetotail of Mars. Geophysical Research Letters, 2012, 39, .	1.5	26
126	Magnetosheath pressure pulses: Generation downstream of the bow shock from solar wind discontinuities. Journal of Geophysical Research, 2012, 117, .	3.3	86

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127	The importance of plasma β^2 conditions for magnetic reconnection at Saturn's magnetopause. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	102
128	AXIOM: advanced X-ray imaging of the magnetosphere. <i>Experimental Astronomy</i> , 2012, 33, 403-443.	1.6	30
129	IMPALAS: Investigation of MagnetoPause Activity using Longitudinally-Aligned Satellites—a mission concept proposed for the ESA M3 2020/2022 launch. <i>Experimental Astronomy</i> , 2012, 33, 365-401.	1.6	0
130	Survival of flux transfer event (FTE) flux ropes far along the tail magnetopause. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	39
131	Triggering of magnetic reconnection in a magnetosheath current sheet due to compression against the magnetopause. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	33
132	Transient Pc3 wave activity generated by a hot flow anomaly: Cluster, Rosetta, and ground-based observations. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	38
133	Magnetopause reconnection across wide local time. <i>Annales Geophysicae</i> , 2011, 29, 1683-1697.	0.6	57
134	ARTEMIS Science Objectives. <i>Space Science Reviews</i> , 2011, 165, 59-91.	3.7	47
135	Super-Alfvénic Propagation of Substorm Reconnection Signatures and Poynting Flux. <i>Physical Review Letters</i> , 2011, 107, 065001.	2.9	66
136	Direct Evidence for a Three-Dimensional Magnetic Flux Rope Flanked by Two Active Magnetic Reconnection X Lines at Earth's Magnetopause. <i>Physical Review Letters</i> , 2011, 107, 165007.	2.9	78
137	Asymmetry of the Ion Diffusion Region Hall Electric and Magnetic Fields during Guide Field Reconnection: Observations and Comparison with Simulations. <i>Physical Review Letters</i> , 2010, 104, 205001.	2.9	91
138	Foreshock bubbles and their global magnetospheric impacts. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	107
139	Average properties of the magnetic reconnection ion diffusion region in the Earth's magnetotail: The 2001–2005 Cluster observations and comparison with simulations. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	182
140	Episodic detachment of Martian crustal magnetic fields leading to bulk atmospheric plasma escape. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	97
141	Observations of Turbulence Generated by Magnetic Reconnection. <i>Physical Review Letters</i> , 2009, 102, 035001.	2.9	146
142	In situ observations of reconnection Hall magnetic fields at Mars: Evidence for ion diffusion region encounters. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	66
143	THEMIS observations of extreme magnetopause motion caused by a hot flow anomaly. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	70
144	Evidence for collisionless magnetic reconnection at Mars. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	94

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145	THEMIS observations of a hot flow anomaly: Solar wind, magnetosheath, and ground-based measurements. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	85
146	THEMIS multi-spacecraft observations of magnetosheath plasma penetration deep into the dayside low-latitude magnetosphere for northward and strong B_y IMF. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	54
147	Cluster observations of energetic electrons and electromagnetic fields within a reconnecting thin current sheet in the Earth's magnetotail. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	109
148	The science of space weather. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2008, 366, 4489-4500.	1.6	33
149	Evidence for an Elongated ($\tau_{\text{diff}} \approx 10^4$ s) Diffusion Region during Fast Magnetic Reconnection. <i>Physical Review Letters</i> , 2007, 99, 255002.	2.9	150
150	Multi-point observations of the Hall electromagnetic field and secondary island formation during magnetic reconnection. <i>Journal of Geophysical Research</i> , 2007, 112, n/a-n/a.	3.3	128
151	Evidence for magnetic reconnection initiated in the magnetosheath. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	95
152	Contributions to the cross shock electric field at a quasiperpendicular collisionless shock. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	10
153	The Foreshock. <i>Space Science Reviews</i> , 2005, 118, 41-94.	3.7	236
154	Quasi-monochromatic ULF foreshock waves as observed by the four-spacecraft Cluster mission: 1. Statistical properties. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	59
155	Quasi-monochromatic ULF foreshock waves as observed by the four-spacecraft Cluster mission: 2. Oblique propagation. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	26
156	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
157	Oblique propagation of 30 s period fast magnetosonic foreshock waves: A Cluster case study. <i>Geophysical Research Letters</i> , 2004, 31, .	1.5	27
158	On the existence of Alfvén waves in the terrestrial foreshock. <i>Annales Geophysicae</i> , 2003, 21, 1457-1465.	0.6	52
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