

John C Dorelli

List of Publications by Year in descending order

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130
papers

6,282
citations

81434

41
h-index

87275

74
g-index

136
all docs

136
docs citations

136
times ranked

2331
citing authors

#	ARTICLE	IF	CITATIONS
1	The Solar Wind at (16) Psyche: Predictions for a Metal World. <i>Astrophysical Journal</i> , 2022, 927, 202.	1.6	4
2	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
3	Statistical Survey of Collisionless Dissipation in the Terrestrial Magnetosheath. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA029000.	0.8	12
4	Structures in the terms of the Vlasov equation observed at Earth's magnetopause. <i>Nature Physics</i> , 2021, 17, 1056-1065.	6.5	15
5	A Study of the Solar Wind Ion and Electron Measurements From the Magnetospheric Multiscale Mission's Fast Plasma Investigation. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029784.	0.8	7
6	Recommendations to Advance Space Trusted Autonomy. , 2021, , .		4
7	Magnetotail reconnection asymmetries in an ion-scale, Earth-like magnetosphere. <i>Annales Geophysicae</i> , 2021, 39, 991-1003.	0.6	3
8	Electron Bernstein waves driven by electron crescents near the electron diffusion region. <i>Nature Communications</i> , 2020, 11, 141.	5.8	26
9	MMS Observations of Intense Whistler Waves Within Earth's Supercritical Bow Shock: Source Mechanism and Impact on Shock Structure and Plasma Transport. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027290.	0.8	19
10	Neural Network Repair of Lossy Compression Artifacts in the September 2015 to March 2016 Duration of the MMS/FPI Data Set. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027181.	0.8	2
11	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
12	Latitudinal Dependence of the Kelvin-Helmholtz Instability and Beta Dependence of Vortex-Induced High-Guide Field Magnetic Reconnection. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027333.	0.8	7
13	Lower-Hybrid Drift Waves Driving Electron Nongyrotropic Heating and Vortical Flows in a Magnetic Reconnection Layer. <i>Physical Review Letters</i> , 2020, 125, 025103.	2.9	29
14	On the deviation from Maxwellian of the ion velocity distribution functions in the turbulent magnetosheath. <i>Journal of Plasma Physics</i> , 2020, 86, .	0.7	15
15	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
16	Magnetic Reconnection Inside a Flux Transfer Event-Like Structure in Magnetopause Kelvin-Helmholtz Waves. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027527.	0.8	10
17	Electron Vorticity Indicative of the Electron Diffusion Region of Magnetic Reconnection. <i>Geophysical Research Letters</i> , 2019, 46, 6287-6296.	1.5	23
18	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

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19	Decomposition of plasma kinetic entropy into position and velocity space and the use of kinetic entropy in particle-in-cell simulations. <i>Physics of Plasmas</i> , 2019, 26, .	0.7	20
20	MMS Measurements of the Vlasov Equation: Probing the Electron Pressure Divergence Within Thin Current Sheets. <i>Geophysical Research Letters</i> , 2019, 46, 7862-7872.	1.5	19
21	Does the Solar Wind Electric Field Control the Reconnection Rate at Earth's Subsolar Magnetopause?. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 2668-2681.	0.8	6
22	Crescent-shaped Electron Distributions at the Nonreconnecting Magnetopause: Magnetospheric Multiscale Observations. <i>Geophysical Research Letters</i> , 2019, 46, 3024-3032.	1.5	17
23	Systematic Uncertainties in Plasma Parameters Reported by the Fast Plasma Investigation on NASA's Magnetospheric Multiscale Mission. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 10345-10359.	0.8	16
24	Pressure Tensor Elements Breaking the Frozen-In Law During Reconnection in Earth's Magnetotail. <i>Physical Review Letters</i> , 2019, 123, 225101.	2.9	37
25	Electron Scattering by Low-frequency Whistler Waves at Earth's Bow Shock. <i>Astrophysical Journal</i> , 2019, 886, 53.	1.6	28
26	The Properties of Lion Roars and Electron Dynamics in Mirror Mode Waves Observed by the Magnetospheric MultiScale Mission. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 93-103.	0.8	26
27	Large-scale Survey of the Structure of the Dayside Magnetopause by MMS. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 2018-2033.	0.8	27
28	Energy partitioning constraints at kinetic scales in low- β turbulence. <i>Physics of Plasmas</i> , 2018, 25, .	0.7	25
29	On the role of system size in Hall MHD magnetic reconnection. <i>Physics of Plasmas</i> , 2018, 25, 022103.	0.7	6
30	Quantifying the effect of non-Larmor motion of electrons on the pressure tensor. <i>Physics of Plasmas</i> , 2018, 25, .	0.7	7
31	Magnetic Reconnection, Turbulence, and Particle Acceleration: Observations in the Earth's Magnetotail. <i>Geophysical Research Letters</i> , 2018, 45, 3338-3347.	1.5	69
32	Spacecraft Observations of Oblique Electron Beams Breaking the Frozen-In Law During Asymmetric Reconnection. <i>Physical Review Letters</i> , 2018, 120, 055101.	2.9	20
33	Electron Crescent Distributions as a Manifestation of Diamagnetic Drift in an Electron-scale Current Sheet: Magnetospheric Multiscale Observations Using New 7.5-Åms Fast Plasma Investigation Moments. <i>Geophysical Research Letters</i> , 2018, 45, 578-584.	1.5	52
34	Electron Dynamics Within the Electron Diffusion Region of Asymmetric Reconnection. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 146-162.	0.8	10
35	Plasma Density Estimates From Spacecraft Potential Using MMS Observations in the Dayside Magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 2620-2629.	0.8	16
36	New Results From Galileo's First Flyby of Ganymede: Reconnection-Driven Flows at the Low-latitude Magnetopause Boundary, Crossing the Cusp, and Icy Ionospheric Escape. <i>Geophysical Research Letters</i> , 2018, 45, 3382-3392.	1.5	20

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37	Localized Oscillatory Energy Conversion in Magnetopause Reconnection. <i>Geophysical Research Letters</i> , 2018, 45, 1237-1245.	1.5	41
38	Wave Phenomena and Beam-Plasma Interactions at the Magnetopause Reconnection Region. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 1118-1133.	0.8	19
39	In Situ Observation of Intermittent Dissipation at Kinetic Scales in the Earth's Magnetosheath. <i>Astrophysical Journal Letters</i> , 2018, 856, L19.	3.0	55
40	Magnetic Reconnection at a Thin Current Sheet Separating Two Interlaced Flux Tubes at the Earth's Magnetopause. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 1779-1793.	0.8	35
41	Electron-scale dynamics of the diffusion region during symmetric magnetic reconnection in space. <i>Science</i> , 2018, 362, 1391-1395.	6.0	221
42	Incompressible Energy Transfer in the Earth's Magnetosheath: Magnetospheric Multiscale Observations. <i>Astrophysical Journal</i> , 2018, 866, 106.	1.6	42
43	MMS Observations of Beta-dependent Constraints on Ion Temperature Anisotropy in Earth's Magnetosheath. <i>Astrophysical Journal</i> , 2018, 866, 25.	1.6	21
44	Small-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
45	Solar Wind Turbulence Studies Using MMS Fast Plasma Investigation Data. <i>Astrophysical Journal</i> , 2018, 866, 81.	1.6	48
46	Ion Kinetics in a Hot Flow Anomaly: MMS Observations. <i>Geophysical Research Letters</i> , 2018, 45, 11,520.	1.5	28
47	Electron Bulk Acceleration and Thermalization at Earth's Quasiperpendicular Bow Shock. <i>Physical Review Letters</i> , 2018, 120, 225101.	2.9	38
48	Physically Accurate Large Dynamic Range Pseudo Moments for the MMS Fast Plasma Investigation. <i>Earth and Space Science</i> , 2018, 5, 503-515.	1.1	1
49	Ion-scale Kinetic Alfvén Turbulence: MMS Measurements of the Alfvén Ratio in the Magnetosheath. <i>Geophysical Research Letters</i> , 2018, 45, 7974-7984.	1.5	19
50	Energy Conversion and Collisionless Plasma Dissipation Channels in the Turbulent Magnetosheath Observed by the Magnetospheric Multiscale Mission. <i>Astrophysical Journal</i> , 2018, 862, 32.	1.6	55
51	Electron magnetic reconnection without ion coupling in Earth's turbulent magnetosheath. <i>Nature</i> , 2018, 557, 202-206.	13.7	263
52	Electron Heating at Kinetic Scales in Magnetosheath Turbulence. <i>Astrophysical Journal</i> , 2017, 836, 247.	1.6	50
53	Magnetospheric Multiscale mission observations of the outer electron diffusion region. <i>Geophysical Research Letters</i> , 2017, 44, 2049-2059.	1.5	41
54	Quantitative analysis of a Hall system in the exhaust of asymmetric magnetic reconnection. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 5277-5289.	0.8	21

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55	Electron Scattering by High-frequency Whistler Waves at Earth's Bow Shock. <i>Astrophysical Journal Letters</i> , 2017, 842, L11.	3.0	46
56	Electron diffusion region during magnetopause reconnection with an intermediate guide field: Magnetospheric multiscale observations. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 5235-5246.	0.8	52
57	Reconstruction of the electron diffusion region observed by the Magnetospheric Multiscale spacecraft: First results. <i>Geophysical Research Letters</i> , 2017, 44, 4566-4574.	1.5	27
58	Parallel electron heating in the magnetospheric inflow region. <i>Geophysical Research Letters</i> , 2017, 44, 4384-4392.	1.5	8
59	Wave-particle energy exchange directly observed in a kinetic Alfvén-branch wave. <i>Nature Communications</i> , 2017, 8, 14719.	5.8	73
60	Drift waves, intense parallel electric fields, and turbulence associated with asymmetric magnetic reconnection at the magnetopause. <i>Geophysical Research Letters</i> , 2017, 44, 2978-2986.	1.5	46
61	Lower hybrid waves in the ion diffusion and magnetospheric inflow regions. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 517-533.	0.8	108
62	MMS Observation of Magnetic Reconnection in the Turbulent Magnetosheath. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 11,442.	0.8	73
63	Lower Hybrid Drift Waves and Electromagnetic Electron Space-Phase Holes Associated With Dipolarization Fronts and Field-Aligned Currents Observed by the Magnetospheric Multiscale Mission During a Substorm. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 12,236.	0.8	31
64	Spacecraft and Instrument Photoelectrons Measured by the Dual Electron Spectrometers on MMS. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 11,548.	0.8	39
65	Simultaneous Remote Observations of Intense Reconnection Effects by DMSP and MMS Spacecraft During a Storm Time Substorm. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 10891-10909.	0.8	17
66	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
67	Structure and Dissipation Characteristics of an Electron Diffusion Region Observed by MMS During a Rapid, Normal-Incidence Magnetopause Crossing. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 11,901.	0.8	18
68	Performance of a space-based wavelet compressor for plasma count data on the MMS Fast Plasma Investigation. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 765-779.	0.8	12
69	Mission Oriented Support and Theory (MOST) for MMS at the Goddard Space Flight Center/University of California Los Angeles Interdisciplinary Science Program. , 2017, , 687-717.		0
70	Fast Plasma Investigation for Magnetospheric Multiscale. , 2017, , 329-404.		3
71	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
72	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

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73	Electron jet of asymmetric reconnection. <i>Geophysical Research Letters</i> , 2016, 43, 5571-5580.	1.5	66
74	Electron scale structures and magnetic reconnection signatures in the turbulent magnetosheath. <i>Geophysical Research Letters</i> , 2016, 43, 5969-5978.	1.5	92
75	Study of the spacecraft potential under active control and plasma density estimates during the MMS commissioning phase. <i>Geophysical Research Letters</i> , 2016, 43, 4858-4864.	1.5	13
76	Two-scale ion meandering caused by the polarization electric field during asymmetric reconnection. <i>Geophysical Research Letters</i> , 2016, 43, 7831-7839.	1.5	19
77	Fast Plasma Investigation for Magnetospheric Multiscale. <i>Space Science Reviews</i> , 2016, 199, 331-406.	3.7	960
78	Electron-scale measurements of magnetic reconnection in space. <i>Science</i> , 2016, 352, aaf2939.	6.0	545
79	Electron dynamics in a subproton-gyroscale magnetic hole. <i>Geophysical Research Letters</i> , 2016, 43, 4112-4118.	1.5	49
80	Transient, small-scale field-aligned currents in the plasma sheet boundary layer during storm time substorms. <i>Geophysical Research Letters</i> , 2016, 43, 4841-4849.	1.5	30
81	Kinetic evidence of magnetic reconnection due to Kelvin-Helmholtz waves. <i>Geophysical Research Letters</i> , 2016, 43, 5635-5643.	1.5	47
82	Decay of mesoscale flux transfer events during quasi-continuous spatially extended reconnection at the magnetopause. <i>Geophysical Research Letters</i> , 2016, 43, 4755-4762.	1.5	28
83	Magnetic reconnection and modification of the Hall physics due to cold ions at the magnetopause. <i>Geophysical Research Letters</i> , 2016, 43, 6705-6712.	1.5	45
84	The substructure of a flux transfer event observed by the MMS spacecraft. <i>Geophysical Research Letters</i> , 2016, 43, 9434-9443.	1.5	33
85	The parameterization of microchannel-plate-based detection systems. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 10,005-10,018.	0.8	4
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	Strong current sheet at a magnetosheath jet: Kinetic structure and electron acceleration. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 9608-9618.	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 observations of magnetic reconnection associated with Kelvinâ€Helmholtz waves. <i>Geophysical Research Letters</i> , 2016, 43, 5606-5615.	1.5	104
92	Thick escaping magnetospheric ion layer in magnetopause reconnection with MMS observations. <i>Geophysical Research Letters</i> , 2016, 43, 6028-6035.	1.5	1
93	Ion demagnetization in the magnetopause current layer observed by MMS. <i>Geophysical Research Letters</i> , 2016, 43, 4850-4857.	1.5	12
94	Energy limits of electron acceleration in the plasma sheet during substorms: A case study with the Magnetospheric Multiscale (MMS) mission. <i>Geophysical Research Letters</i> , 2016, 43, 7785-7794.	1.5	51
95	Cold ion demagnetization near the Xâ€line of magnetic reconnection. <i>Geophysical Research Letters</i> , 2016, 43, 6759-6767.	1.5	35
96	Electron currents and heating in the ion diffusion region of asymmetric reconnection. <i>Geophysical Research Letters</i> , 2016, 43, 4691-4700.	1.5	53
97	Whistler mode waves and Hall fields detected by MMS during a dayside magnetopause crossing. <i>Geophysical Research Letters</i> , 2016, 43, 5943-5952.	1.5	44
98	Electron energization and mixing observed by MMS in the vicinity of an electron diffusion region during magnetopause reconnection. <i>Geophysical Research Letters</i> , 2016, 43, 6036-6043.	1.5	67
99	Estimates of terms in Ohm's law during an encounter with an electron diffusion region. <i>Geophysical Research Letters</i> , 2016, 43, 5918-5925.	1.5	86
100	Rippled Quasiperpendicular Shock Observed by the Magnetospheric Multiscale Spacecraft. <i>Physical Review Letters</i> , 2016, 117, 165101.	2.9	87
101	Extended magnetohydrodynamics with embedded particleâ€inâ€cell simulation of Ganymede's magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 1273-1293.	0.8	78
102	Spacecraft Observations and Analytic Theory of Crescent-Shaped Electron Distributions in Asymmetric Magnetic Reconnection. <i>Physical Review Letters</i> , 2016, 117, 185101.	2.9	42
103	Separator reconnection at the magnetopause for predominantly northward and southward IMF: Techniques and results. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 140-156.	0.8	34
104	Signatures of complex magnetic topologies from multiple reconnection sites induced by Kelvinâ€Helmholtz instability. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 9926-9939.	0.8	35
105	Ionâ€scale structure in Mercury's magnetopause reconnection diffusion region. <i>Geophysical Research Letters</i> , 2016, 43, 5935-5942.	1.5	11
106	Shift of the magnetopause reconnection line to the winter hemisphere under southward IMF conditions: Geotail and MMS observations. <i>Geophysical Research Letters</i> , 2016, 43, 5581-5588.	1.5	17
107	Finite gyroradius effects in the electron outflow of asymmetric magnetic reconnection. <i>Geophysical Research Letters</i> , 2016, 43, 6724-6733.	1.5	37
108	Observation of highâ€frequency electrostatic waves in the vicinity of the reconnection ion diffusion region by the spacecraft of the Magnetospheric Multiscale (MMS) mission. <i>Geophysical Research Letters</i> , 2016, 43, 4808-4815.	1.5	32

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109	A telescopic and microscopic examination of acceleration in the June 2015 geomagnetic storm: Magnetospheric Multiscale and Van Allen Probes study of substorm particle injection. <i>Geophysical Research Letters</i> , 2016, 43, 6051-6059.	1.5	30
110	Mission Oriented Support and Theory (MOST) for MMS—the Goddard Space Flight Center/University of California Los Angeles Interdisciplinary Science Program. <i>Space Science Reviews</i> , 2016, 199, 689-719.	3.7	5
111	The role of the Hall effect in the global structure and dynamics of planetary magnetospheres: Ganymede as a case study. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 5377-5392.	0.8	35
112	The calculation of moment uncertainties from velocity distribution functions with random errors. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 6633-6645.	0.8	34
113	A simple GPU-accelerated two-dimensional MUSCL-Hancock solver for ideal magnetohydrodynamics. <i>Journal of Computational Physics</i> , 2014, 259, 444-460.	1.9	8
114	Tracing magnetic separators and their dependence on IMF clock angle in global magnetospheric simulations. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 4998-5007.	0.8	36
115	Detection of Small-Scale Structures in the Dissipation Regime of Solar-Wind Turbulence. <i>Physical Review Letters</i> , 2012, 109, 191101.	2.9	116
116	The geometric factor of electrostatic plasma analyzers: A case study from the Fast Plasma Investigation for the Magnetospheric Multiscale mission. <i>Review of Scientific Instruments</i> , 2012, 83, 033303.	0.6	30
117	Is Quadrupole Structure of Out-of-Plane Magnetic Field Evidence for Hall Reconnection?. <i>AIP Conference Proceedings</i> , 2011, , .	0.3	3
118	Flux Pileup in Collisionless Magnetic Reconnection: Bursty Interaction of Large Flux Ropes. <i>Physical Review Letters</i> , 2011, 107, 025002.	2.9	56
119	On the generation and topology of flux transfer events. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	58
120	Defining and identifying three-dimensional magnetic reconnection in resistive magnetohydrodynamic simulations of Earth's magnetosphere. <i>Physics of Plasmas</i> , 2008, 15, 056504.	0.7	23
121	Separator reconnection at Earth's dayside magnetopause under generic northward interplanetary magnetic field conditions. <i>Journal of Geophysical Research</i> , 2007, 112, n/a-n/a.	3.3	73
122	Plasma sheet formation during long period of northward IMF. <i>Geophysical Research Letters</i> , 2005, 32, n/a-n/a.	1.5	78
123	Thin current sheets and loss of equilibrium: Three-dimensional theory and simulations. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	27
124	The spherical tearing mode. <i>Geophysical Research Letters</i> , 2004, 31, .	1.5	7
125	A new look at driven magnetic reconnection at the terrestrial subsolar magnetopause. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	36
126	Whistler-mediated magnetic reconnection in large systems: Magnetic flux pileup and the formation of thin current sheets. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	51

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127	Electron heat flow in the solar corona: Implications of non-Maxwellian velocity distributions, the solar gravitational field, and Coulomb collisions. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	22
128	Effects of Hall electric fields on the saturation of forced antiparallel magnetic field merging. <i>Physics of Plasmas</i> , 2003, 10, 3309-3314.	0.7	37
129	Electron magnetohydrodynamic simulations of magnetic island coalescence. <i>Physics of Plasmas</i> , 2001, 8, 4010-4019.	0.7	23
130	Electron heat flow carried by Kappa Distributions in the solar corona. <i>Geophysical Research Letters</i> , 1999, 26, 3537-3540.	1.5	21