

M O Chandler

List of Publications by Year in descending order

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29
papers

2,323
citations

430843

18
h-index

477281

29
g-index

29
all docs

29
docs citations

29
times ranked

1564
citing authors

#	ARTICLE	IF	CITATIONS
1	Observations of Mirror Mode Structures in the Dawn-Side Magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028649.	2.4	2
2	Observations and Validation of Plasma Density, Temperature, and Abundance From a Langmuir Probe Onboard the International Space Station. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029393.	2.4	4
3	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.	2.4	8
4	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.	4.0	20
5	Ion Beams in the Plasma Sheet Boundary Layer: MMS Observations and Test Particle Simulations. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027113.	2.4	4
6	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.	2.4	7
7	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.	2.4	35
8	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.	2.4	21
9	Cold Ionospheric Ions in the Magnetic Reconnection Outflow Region. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 10,194.	2.4	19
10	Ion velocity distributions in dipolarization events: Beams in the vicinity of the plasma sheet boundary. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 8026-8036.	2.4	10
11	Currents and associated electron scattering and bouncing near the diffusion region at Earth's magnetopause. <i>Geophysical Research Letters</i> , 2016, 43, 3042-3050.	4.0	81
12	Fast Plasma Investigation for Magnetospheric Multiscale. <i>Space Science Reviews</i> , 2016, 199, 331-406.	8.1	960
13	Electron-scale measurements of magnetic reconnection in space. <i>Science</i> , 2016, 352, aaf2939.	12.6	545
14	Decay of mesoscale flux transfer events during quasi-continuous spatially extended reconnection at the magnetopause. <i>Geophysical Research Letters</i> , 2016, 43, 4755-4762.	4.0	28
15	Magnetic reconnection and modification of the Hall physics due to cold ions at the magnetopause. <i>Geophysical Research Letters</i> , 2016, 43, 6705-6712.	4.0	45
16	Cold ion demagnetization near the X-line of magnetic reconnection. <i>Geophysical Research Letters</i> , 2016, 43, 6759-6767.	4.0	35
17	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.	4.0	17
18	SNOWPLOW injection front effects. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 6478-6488.	2.4	6

#	ARTICLE	IF	CITATIONS
19	Observations of the ion signatures of double merging and the formation of newly closed field lines. Geophysical Research Letters, 2008, 35, .	4.0	6
20	Plasma sheet and (nonstorm) ring current formation from solar and polar wind sources. Journal of Geophysical Research, 2005, 110, .	3.3	43
21	Observations of the geopause at the equatorial magnetopause: Density and temperature. Geophysical Research Letters, 2003, 30, .	4.0	25
22	Observations at low latitudes of magnetic merging signatures within a flux transfer event during a northward interplanetary magnetic field. Journal of Geophysical Research, 2003, 108, .	3.3	8
23	The dayside reconnection X line. Journal of Geophysical Research, 2002, 107, SMP 26-1.	3.3	92
24	Plasmaspheric material on high-latitude open field lines. Journal of Geophysical Research, 2001, 106, 6085-6095.	3.3	28
25	Evidence of component merging equatorward of the cusp. Journal of Geophysical Research, 1999, 104, 22623-22633.	3.3	62
26	High-Altitude Observations of the Polar Wind. Science, 1997, 277, 349-351.	12.6	90
27	The Thermal Ion Dynamics Experiment and Plasma Source Instrument. Space Science Reviews, 1995, 71, 409-458.	8.1	96
28	Problems in simulating ion temperatures in low density flux tubes. Geophysical Monograph Series, 1995, , 155-160.	0.1	7
29	Modeling of the thermal plasma in the outer plasmashpereâ€”A magnetoshpere heat source. Geophysical Monograph Series, 1988, , 101-105.	0.1	19