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311 papers	10,678 citations	55 h-index	88 g-index
355 ext. papers	11,786 ext. citations	7.1 avg, IF	5.73 L-index

#	Paper	IF	Citations
3 ¹¹	Science Objectives and Rationale for the Radiation Belt Storm Probes Mission. <i>Space Science Reviews</i> , 2013 , 179, 3-27	7.5	686
3 ¹⁰	Electron-scale measurements of magnetic reconnection in space. <i>Science</i> , 2016 , 352, aaf2939	33.3	418
3 ⁰⁹	Magnetosphere Imaging Instrument (MIMI) on the Cassini Mission to Saturn/Titan. <i>Space Science Reviews</i> , 2004 , 114, 233-329	7.5	332
3 ⁰⁸	The Energetic Particle and Plasma Spectrometer Instrument on the MESSENGER Spacecraft. <i>Space Science Reviews</i> , 2007 , 131, 523-556	7.5	182
3 ⁰⁷	Correlation of Kp with the substorm-injected plasma boundary. <i>Journal of Geophysical Research</i> , 1974 , 79, 3193-3196		177
3 ⁰⁶	Energetic ion characteristics and neutral gas interactions in Jupiter's magnetosphere. <i>Journal of Geophysical Research</i> , 2004 , 109,		174
3 ⁰⁵	Dynamics of Saturn's magnetosphere from MIMI during Cassini's orbital insertion. <i>Science</i> , 2005 , 307, 1270-3	33.3	158
3 ⁰⁴	Electron-scale dynamics of the diffusion region during symmetric magnetic reconnection in space. <i>Science</i> , 2018 , 362, 1391-1395	33.3	139
3 ⁰³	Magnetospheric Science Objectives of the Juno Mission. <i>Space Science Reviews</i> , 2017 , 213, 219-287	7.5	138
3 ⁰²	An experimental test of the electromagnetic ion cyclotron instability within the earth's magnetosphere. <i>Physics of Fluids</i> , 1980 , 23, 2111		136
3 ⁰¹	Energetic ion acceleration in Saturn's magnetotail: Substorms at Saturn?. <i>Geophysical Research Letters</i> , 2005 , 32,	4.9	116
3 ⁰⁰	The Jupiter Energetic Particle Detector Instrument (JEDI) Investigation for the Juno Mission. <i>Space Science Reviews</i> , 2017 , 213, 289-346	7.5	113
2 ⁹⁹	Characterization of geostationary particle signatures based on the Injection Boundary Model. <i>Journal of Geophysical Research</i> , 1983 , 88, 3055		113
2 ⁹⁸	Electron beams and ion composition measured at Io and in its torus. <i>Science</i> , 1996 , 274, 401-3	33.3	111
2 ⁹⁷	The MESSENGER mission to Mercury: scientific payload. <i>Planetary and Space Science</i> , 2001 , 49, 1467-1479		104
2 ⁹⁶	Electron precipitation of evening diffuse aurora and its conjugate electron fluxes near the magnetospheric equator. <i>Journal of Geophysical Research</i> , 1979 , 84, 2545		103
2 ⁹⁵	X-ray enhancements detected during thunderstorm and lightning activities. <i>Geophysical Research Letters</i> , 1981 , 8, 1176-1179	4.9	103

294	Alfvén waves generated by an inverted plasma energy distribution. <i>Nature</i> , 1978 , 275, 43-45	50.4	103
293	Energetic neutral atoms from a trans-Europa gas torus at Jupiter. <i>Nature</i> , 2003 , 421, 920-2	50.4	102
292	Energetic particle injections in Saturn's magnetosphere. <i>Geophysical Research Letters</i> , 2005 , 32, n/a-n/a	4.9	100
291	Helium cyclotron resonance within the Earth's magnetosphere. <i>Geophysical Research Letters</i> , 1981 , 8, 103-106	4.9	100
290	Quantitative modeling of the convection surge mechanism of ion acceleration. <i>Journal of Geophysical Research</i> , 1986 , 91, 13423		96
289	The hot plasma and radiation environment of the Uranian magnetosphere. <i>Journal of Geophysical Research</i> , 1987 , 92, 15283		95
288	Jupiter's magnetosphere and aurorae observed by the Juno spacecraft during its first polar orbits. <i>Science</i> , 2017 , 356, 826-832	33.3	93
287	Transient aurora on Jupiter from injections of magnetospheric electrons. <i>Nature</i> , 2002 , 415, 1003-5	50.4	89
286	Storm-like dynamics of Jupiter's inner and middle magnetosphere. <i>Journal of Geophysical Research</i> , 1999 , 104, 22759-22778		89
285	Hot Plasma and Energetic Particles in Neptune's Magnetosphere. <i>Science</i> , 1989 , 246, 1483-9	33.3	88
284	The Energetic Particle Detector (EPD) Investigation and the Energetic Ion Spectrometer (EIS) for the Magnetospheric Multiscale (MMS) Mission. <i>Space Science Reviews</i> , 2016 , 199, 471-514	7.5	87
283	Equatorial X-ray Emissions: Implications for Jupiter's High Exospheric Temperatures. <i>Science</i> , 1997 , 276, 104-8	33.3	87
282	Helium resonance and dispersion effects on geostationary Alfvén/ion cyclotron waves. <i>Journal of Geophysical Research</i> , 1982 , 87, 9107		84
281	Implications of Jovian X-ray emission for magnetosphere-ionosphere coupling. <i>Journal of Geophysical Research</i> , 2003 , 108,		83
280	The magnetosphere of uranus: hot plasma and radiation environment. <i>Science</i> , 1986 , 233, 97-102	33.3	82
279	ATS-6 - UCSD AURORAL PARTICLES EXPERIMENT. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 1975 , AES-11, 1125-1130	3.7	82
278	Electron radiation belts of the solar system. <i>Journal of Geophysical Research</i> , 2010 , 115, n/a-n/a		81
277	Energetic particle pressure in Saturn's magnetosphere measured with the Magnetospheric Imaging Instrument on Cassini. <i>Journal of Geophysical Research</i> , 2009 , 114, n/a-n/a		79

276	A compressional Pc4 pulsation observed by three satellites in geostationary orbit near local midnight. <i>Planetary and Space Science</i> , 1979 , 27, 821-840	2	78
275	The auroral footprint of Enceladus on Saturn. <i>Nature</i> , 2011 , 472, 331-3	50.4	77
274	Electron sources in Saturn's magnetosphere. <i>Journal of Geophysical Research</i> , 2007 , 112, n/a-n/a		76
273	Non-E B ordered ion beams upstream of the Earth's bow shock. <i>Journal of Geophysical Research</i> , 1981 , 86, 4415-4424		76
272	The role of small-scale ion injections in the buildup of Earth's ring current pressure: Van Allen Probes observations of the 17 March 2013 storm. <i>Journal of Geophysical Research: Space Physics</i> , 2014 , 119, 7327-7342	2.6	75
271	Juno observations of energetic charged particles over Jupiter's polar regions: Analysis of monodirectional and bidirectional electron beams. <i>Geophysical Research Letters</i> , 2017 , 44, 4410-4418	4.9	74
270	The ion environment near Europa and its role in surface energetics. <i>Geophysical Research Letters</i> , 2002 , 29, 18-1-18-4	4.9	73
269	Ion conics and electron beams associated with auroral processes on Saturn. <i>Journal of Geophysical Research</i> , 2009 , 114, n/a-n/a		72
268	Periodic intensity variations in global ENA images of Saturn. <i>Geophysical Research Letters</i> , 2005 , 32,	4.9	69
267	Acceleration of oxygen ions of ionospheric origin in the near-Earth magnetotail during substorms. <i>Journal of Geophysical Research</i> , 2000 , 105, 7669-7677		66
266	Currents and associated electron scattering and bouncing near the diffusion region at Earth's magnetopause. <i>Geophysical Research Letters</i> , 2016 , 43, 3042-3050	4.9	65
265	Ion sputtering and surface erosion at Europa. <i>Geophysical Research Letters</i> , 1998 , 25, 829-832	4.9	62
264	Electron jet of asymmetric reconnection. <i>Geophysical Research Letters</i> , 2016 , 43, 5571-5580	4.9	59
263	Hot ions in Jupiter's magnetodisc: A model for Voyager 2 low-energy charged particle measurements. <i>Journal of Geophysical Research</i> , 1995 , 100, 19473		58
262	The Fly Eye Energetic Particle Spectrometer (FEEPS) Sensors for the Magnetospheric Multiscale (MMS) Mission. <i>Space Science Reviews</i> , 2016 , 199, 309-329	7.5	57
261	Discrete and broadband electron acceleration in Jupiter's powerful aurora. <i>Nature</i> , 2017 , 549, 66-69	50.4	57
260	Magnetic reconnection, buoyancy, and flapping motions in magnetotail explosions. <i>Journal of Geophysical Research: Space Physics</i> , 2014 , 119, 7151-7168	2.6	57
259	Energy-time dispersed charged particle signatures of dynamic injections in Jupiter's inner magnetosphere. <i>Geophysical Research Letters</i> , 1997 , 24, 2949-2952	4.9	57

258	Fundamental Plasma Processes in Saturn's Magnetosphere 2009 , 281-331		57
257	Energetic particle signatures at Ganymede: Implications for Ganymede's magnetic field. <i>Geophysical Research Letters</i> , 1997 , 24, 2163-2166	4.9	56
256	Response of Jupiter's auroras to conditions in the interplanetary medium as measured by the Hubble Space Telescope and Juno. <i>Geophysical Research Letters</i> , 2017 , 44, 7643-7652	4.9	52
255	Electron beams and loss cones in the auroral regions of Jupiter. <i>Geophysical Research Letters</i> , 2017 , 44, 7131-7139	4.9	51
254	Electron circulation in Saturn's magnetosphere. <i>Journal of Geophysical Research</i> , 2008 , 113, n/a-n/a		51
253	Magnetospheric electric fields and currents. <i>Reviews of Geophysics</i> , 1987 , 25, 541	23.1	50
252	MESSENGER: Exploring Mercury's Magnetosphere. <i>Space Science Reviews</i> , 2007 , 131, 133-160	7.5	49
251	The Saturnian plasma sheet as revealed by energetic particle measurements. <i>Geophysical Research Letters</i> , 2005 , 32,	4.9	49
250	Energetic particle observations near Ganymede. <i>Journal of Geophysical Research</i> , 1999 , 104, 17459-17469		49
249	Properties of Ganymede's magnetosphere as revealed by energetic particle observations. <i>Journal of Geophysical Research</i> , 1998 , 103, 17523-17534		48
248	Energetic particles in the jovian magnetotail. <i>Science</i> , 2007 , 318, 220-2	33.3	47
247	Energetic electrons injected into Saturn's neutral gas cloud. <i>Geophysical Research Letters</i> , 2007 , 34,	4.9	46
246	Magnetospheric and Plasma Science with Cassini-Huygens. <i>Space Science Reviews</i> , 2002 , 104, 253-346	7.5	45
245	Energetic electron beams and trapped electrons at Io. <i>Journal of Geophysical Research</i> , 1999 , 104, 14739-14753		45
244	Dynamical injections as the source of near geostationary quiet time particle spatial boundaries. <i>Journal of Geophysical Research</i> , 1983 , 88, 10011		45
243	Electromagnetic wave energization of heavy ions by the electric field phase bunching process. <i>Geophysical Research Letters</i> , 1982 , 9, 1163-1166	4.9	45
242	Cassini evidence for rapid interchange transport at Saturn. <i>Planetary and Space Science</i> , 2009 , 57, 1779-1784		44
241	Morphology of the UV aurorae Jupiter during Juno's first perijove observations. <i>Geophysical Research Letters</i> , 2017 , 44, 4463-4471	4.9	43

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- 239 Hot plasma parameters of Jupiter's inner magnetosphere. *Journal of Geophysical Research*, **1996**, 101, 7685-7695 43
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- 236 Energetic ion and electron phase space densities in the magnetosphere of Uranus. *Journal of Geophysical Research*, **1987**, 92, 15315 42
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- 233 Upstream gyrophase bunched ions: A mechanism for creation at the bow shock and the growth of velocity space structure through gyrophase mixing. *Journal of Geophysical Research*, **1983**, 88, 9093-9100 40
- 232 Multispacecraft analysis of dipolarization fronts and associated whistler wave emissions using MMS data. *Geophysical Research Letters*, **2016**, 43, 7279-7286 4.9 38
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- 225 Trapped electrons in Ganymede's magnetic field. *Geophysical Research Letters*, **1997**, 24, 2953-2956 4.9 36
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- 223 Plasma Injection During Substorms. *Physica Scripta*, **1987**, T18, 128-139 2.6 36

222	Kinetic evidence of magnetic reconnection due to Kelvin-Helmholtz waves. <i>Geophysical Research Letters</i> , 2016 , 43, 5635-5643	4.9	36
221	Diverse Electron and Ion Acceleration Characteristics Observed Over Jupiter's Main Aurora. <i>Geophysical Research Letters</i> , 2018 , 45, 1277-1285	4.9	35
220	Energetic particle signatures of magnetic field-aligned potentials over Jupiter's polar regions. <i>Geophysical Research Letters</i> , 2017 , 44, 8703-8711	4.9	35
219	Saturn's periodic magnetic field perturbations caused by a rotating partial ring current. <i>Geophysical Research Letters</i> , 2010 , 37, n/a-n/a	4.9	35
218	ENA imaging from the Swedish micro satellite Astrid during the magnetic storm of 8 February, 1995. <i>Advances in Space Research</i> , 1997 , 20, 1061-1066	2.4	34
217	A convected K distribution model for hot ions in the Jovian magnetodisc. <i>Geophysical Research Letters</i> , 1992 , 19, 1435-1438	4.9	34
216	The magnetotail of Uranus. <i>Journal of Geophysical Research</i> , 1987 , 92, 15354		34
215	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	4.9	33
214	Particle and field stress balance within a planetary magnetosphere. <i>Journal of Geophysical Research</i> , 1985 , 90, 8253		33
213	Precipitating Electron Energy Flux and Characteristic Energies in Jupiter's Main Auroral Region as Measured by Juno/JEDI. <i>Journal of Geophysical Research: Space Physics</i> , 2018 , 123, 7554-7567	2.6	33
212	The magnetosphere of Neptune: Hot plasmas and energetic particles. <i>Journal of Geophysical Research</i> , 1991 , 96, 19061		32
211	Characteristics of magnetospheric particle injection deduced from events observed on August 18, 1974. <i>Journal of Geophysical Research</i> , 1977 , 82, 5208-5214		32
210	Autogenous and efficient acceleration of energetic ions upstream of Earth's bow shock. <i>Nature</i> , 2018 , 561, 206-210	50.4	32
209	Accelerated flows at Jupiter's magnetopause: Evidence for magnetic reconnection along the dawn flank. <i>Geophysical Research Letters</i> , 2017 , 44, 4401-4409	4.9	31
208	Azimuthal plasma flow in the Kronian magnetosphere. <i>Journal of Geophysical Research</i> , 2010 , 115, n/a-n/a		31
207	Plasma measurements in the Jovian polar region with Juno/JADE. <i>Geophysical Research Letters</i> , 2017 , 44, 7122-7130	4.9	30
206	Spatial Distribution and Properties of 0.1–100 keV Electrons in Jupiter's Polar Auroral Region. <i>Geophysical Research Letters</i> , 2017 , 44, 9199-9207	4.9	30
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203	Equatorial electron beams and auroral structuring at Jupiter. <i>Journal of Geophysical Research</i> , 2007 , 112, n/a-n/a		30
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200	Jupiter's Aurora Observed With HST During Juno Orbits 3 to 7. <i>Journal of Geophysical Research: Space Physics</i> , 2018 , 123, 3299-3319	2.6	29
199	Charge states of energetic oxygen and sulfur ions in Jupiter's magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2016 , 121, 2264-2273	2.6	29
198	Energetic ion sputtering effects at Ganymede. <i>Geophysical Research Letters</i> , 1997 , 24, 2631-2634	4.9	29
197	Adiabatic vs. non-adiabatic particle distributions during convection surges. <i>Geophysical Research Letters</i> , 1993 , 20, 177-180	4.9	29
196	High-Resolution Measurements of the Cross-Shock Potential, Ion Reflection, and Electron Heating at an Interplanetary Shock by MMS. <i>Journal of Geophysical Research: Space Physics</i> , 2019 , 124, 3961-3978	2.6	28
195	Injection, Interchange, and Reconnection. <i>Geophysical Monograph Series</i> , 2015 , 327-343	1.1	28
194	A multi-instrument study of a Jovian magnetospheric disturbance. <i>Journal of Geophysical Research</i> , 2001 , 106, 29883-29898		28
193	Galileo energetic particles detector measurements of hot ions in the neutral sheet region of Jupiter's magnetodisk. <i>Geophysical Research Letters</i> , 1999 , 26, 5-8	4.9	28
192	Science Objectives and Rationale for the Radiation Belt Storm Probes Mission 2012 , 3-27		28
191	A new view of Jupiter's auroral radio spectrum. <i>Geophysical Research Letters</i> , 2017 , 44, 7114-7121	4.9	27
190	Rotationally driven 'zebra stripes' in Earth's inner radiation belt. <i>Nature</i> , 2014 , 507, 338-40	50.4	27
189	Energetic particle loss through the magnetopause: A combined global MHD and test-particle study. <i>Journal of Geophysical Research: Space Physics</i> , 2017 , 122, 9329-9343	2.6	27
188	Understanding Io's space environment interaction: Recent energetic electron measurements from Galileo. <i>Journal of Geophysical Research</i> , 2001 , 106, 26195-26208		27
187	Multiscale Currents Observed by MMS in the Flow Braking Region. <i>Journal of Geophysical Research: Space Physics</i> , 2018 , 123, 1260-1278	2.6	27

186	In Situ Observations Connected to the Io Footprint Tail Aurora. <i>Journal of Geophysical Research E: Planets</i> , 2018 , 123, 3061-3077	4.1	27
185	Juno observations of spot structures and a split tail in Io-induced aurorae on Jupiter. <i>Science</i> , 2018 , 361, 774-777	33.3	27
184	Plasma waves in Jupiter's high-latitude regions: Observations from the Juno spacecraft. <i>Geophysical Research Letters</i> , 2017 , 44, 4447-4454	4.9	25
183	Energy Flux and Characteristic Energy of Electrons Over Jupiter's Main Auroral Emission. <i>Journal of Geophysical Research: Space Physics</i> , 2020 , 125, e2019JA027693	2.6	25
182	Comparative investigation of the energetic ion spectra comprising the magnetospheric ring currents of the solar system. <i>Journal of Geophysical Research: Space Physics</i> , 2014 , 119, 9729-9746	2.6	25
181	Energetic neutral atoms from Jupiter measured with the Cassini magnetospheric imaging instrument: Time dependence and composition. <i>Journal of Geophysical Research</i> , 2004 , 109,		25
180	Microscopic, Multipoint Characterization of Foreshock Bubbles With Magnetospheric Multiscale (MMS). <i>Journal of Geophysical Research: Space Physics</i> , 2020 , 125, e2019JA027707	2.6	25
179	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, 12,236-12,257	2.6	24
178	Storm-time convection electric field in the near-Earth plasma sheet. <i>Journal of Geophysical Research</i> , 2005 , 110,		24
177	Europa's FUV auroral tail on Jupiter. <i>Geophysical Research Letters</i> , 2006 , 33,	4.9	24
176	Magnetosphere-Ionosphere Coupling at Earth, Jupiter, and Beyond. <i>Geophysical Monograph Series</i> , 2002 , 97-114	1.1	24
175	Leakage of energetic particles from Jupiter's dusk magnetosphere: Dual spacecraft observations. <i>Geophysical Research Letters</i> , 2002 , 29, 26-1-26-4	4.9	24
174	Auroral X ray images. <i>Journal of Geophysical Research</i> , 1981 , 86, 6827		24
173	Electron Acceleration to MeV Energies at Jupiter and Saturn. <i>Journal of Geophysical Research: Space Physics</i> , 2018 , 123, 9110-9129	2.6	24
172	Multipoint Observations of Energetic Particle Injections and Substorm Activity During a Conjunction Between Magnetospheric Multiscale (MMS) and Van Allen Probes. <i>Journal of Geophysical Research: Space Physics</i> , 2017 , 122, 11,481-11,504	2.6	23
171	Birkeland currents in Jupiter's magnetosphere observed by the polar-orbiting Juno spacecraft. <i>Nature Astronomy</i> , 2019 , 3, 904-909	12.1	23
170	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	4.9	23
169	Radiation belt storm probes: Resolving fundamental physics with practical consequences. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2011 , 73, 1417-1424	2	22

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167	Plasma environment at the dawn flank of Jupiter's magnetosphere: Juno arrives at Jupiter. <i>Geophysical Research Letters</i> , 2017 , 44, 4432-4438	4.9	21
166	Intervals of Intense Energetic Electron Beams Over Jupiter's Poles. <i>Journal of Geophysical Research: Space Physics</i> , 2018 , 123, 1989	2.6	21
165	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	4.9	21
164	On the Relation Between Jovian Aurorae and the Loading/Unloading of the Magnetic Flux: Simultaneous Measurements From Juno, Hubble Space Telescope, and Hisaki. <i>Geophysical Research Letters</i> , 2019 , 46, 11632-11641	4.9	21
163	Observations of energetic ion enhancements and fast neutrals upstream and downstream of Uranus' bow shock by the Voyager 2 spacecraft. <i>Planetary and Space Science</i> , 1988 , 36, 311-328	2	21
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161	The substructure of a flux transfer event observed by the MMS spacecraft. <i>Geophysical Research Letters</i> , 2016 , 43, 9434-9443	4.9	21
160	Infrared observations of Jovian aurora from Juno's first orbits: Main oval and satellite footprints. <i>Geophysical Research Letters</i> , 2017 , 44, 5308-5316	4.9	20
159	A heavy ion and proton radiation belt inside of Jupiter's rings. <i>Geophysical Research Letters</i> , 2017 , 44, 5259-5268	4.9	20
158	Low-altitude observations of the evolution of substorm injection boundaries. <i>Journal of Geophysical Research</i> , 1993 , 98, 5815-5838		20
157	Juno-UVS approach observations of Jupiter's auroras. <i>Geophysical Research Letters</i> , 2017 , 44, 7668-7675	4.9	19
156	The Engineering Radiation Monitor for the Radiation Belt Storm Probes Mission. <i>Space Science Reviews</i> , 2013 , 179, 485-502	7.5	19
155	Plasma injection and diamagnetism. <i>Journal of Geophysical Research</i> , 1979 , 84, 2049		19
154	A radiation belt of energetic protons located between Saturn and its rings. <i>Science</i> , 2018 , 362,	33.3	19
153	Observation and interpretation of energetic ion conics in Jupiter's polar magnetosphere. <i>Geophysical Research Letters</i> , 2017 , 44, 4419-4425	4.9	18
152	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	2.6	18
151	Comparative Auroral Physics: Earth and Other Planets. <i>Geophysical Monograph Series</i> , 2013 , 3-26	1.1	18

150	Macroscopic Ion Acceleration Associated with the Formation of the Ring Current in the Earth's Magnetosphere. <i>Geophysical Monograph Series</i> , 2013 , 351-361	1.1	18
149	Temperature characteristics of electron beams and ambient particles. <i>Journal of Geophysical Research</i> , 1979 , 84, 2651		18
148	Energetic electron acceleration observed by MMS in the vicinity of an X-line crossing. <i>Geophysical Research Letters</i> , 2016 , 43, 7356-7363	4.9	18
147	The response time of the magnetopause reconnection location to changes in the solar wind: MMS case study. <i>Geophysical Research Letters</i> , 2016 , 43, 4673-4682	4.9	18
146	Method to Derive Ion Properties From Juno JADE Including Abundance Estimates for O+ and S2+. <i>Journal of Geophysical Research: Space Physics</i> , 2020 , 125, e2018JA026169	2.6	18
145	Corotation anisotropies in Saturn's magnetosphere. <i>Journal of Geophysical Research</i> , 1983 , 88, 8937-8946		17
144	Preliminary JIRAM results from Juno polar observations: 2. Analysis of the Jupiter southern H3+ emissions and comparison with the north aurora. <i>Geophysical Research Letters</i> , 2017 , 44, 4633-4640	4.9	16
143	The MMS Dayside Magnetic Reconnection Locations During Phase 1 and Their Relation to the Predictions of the Maximum Magnetic Shear Model. <i>Journal of Geophysical Research: Space Physics</i> , 2017 , 122, 11,991-12,005	2.6	16
142	Comparison of Magnetospheric Multiscale ion jet signatures with predicted reconnection site locations at the magnetopause. <i>Geophysical Research Letters</i> , 2016 , 43, 5997-6004	4.9	16
141	Local time asymmetry of drift shells for energetic electrons in the middle magnetosphere of Saturn. <i>Advances in Space Research</i> , 1998 , 21, 1479-1482	2.4	16
140	Energetic nitrogen ions within the inner magnetosphere of Saturn. <i>Journal of Geophysical Research</i> , 2006 , 111,		16
139	Contemporaneous Observations of Jovian Energetic Auroral Electrons and Ultraviolet Emissions by the Juno Spacecraft. <i>Journal of Geophysical Research: Space Physics</i> , 2019 , 124, 8298-8317	2.6	16
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