

# Chris Paranicas

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4498338/publications.pdf>

Version: 2024-02-01

205  
papers

6,447  
citations

61984

43  
h-index

102487

66  
g-index

216  
all docs

216  
docs citations

216  
times ranked

2118  
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetospheric Ion Bombardment of Europa's Surface. Planetary Science Journal, 2022, 3, 5.	3.6	10
2	Science Goals and Mission Architecture of the Europa Lander Mission Concept. Planetary Science Journal, 2022, 3, 22.	3.6	42
3	A Comprehensive Set of Juno In Situ and Remote Sensing Observations of the Ganymede Auroral Footprint. Geophysical Research Letters, 2022, 49, .	4.0	8
4	Loss of Energetic Ions Comprising the Ring Current Populations of Jupiter's Middle and Inner Magnetosphere. Journal of Geophysical Research: Space Physics, 2022, 127, .	2.4	4
5	Dawn-Dusk Asymmetry in Energetic (>20 keV) Particles Adjacent to Saturn's Magnetopause. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028264.	2.4	1
6	Science of the Europa Lander Mission Concept. , 2021, 53, .		1
7	Exogenic versus endogenic features of the planetary satellites. , 2021, 53, .		1
8	Comment on "An Active Plume Eruption on Europa During Galileo Flyby E26 as Indicated by Energetic Proton Depletions" by Huybrighs et Al.. Geophysical Research Letters, 2021, 48, e2020GL091550.	4.0	7
9	The Magnetosphere of Jupiter: Moving from Discoveries Towards Understanding. , 2021, 53, .		0
10	Jupiter's Ion Radiation Belts Inward of Europa's Orbit. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028925.	2.4	10
11	Energy Spectra Near Ganymede From Juno Data. Geophysical Research Letters, 2021, 48, e2021GL093021.	4.0	10
12	Jupiter high-energy/high-latitude electron environment from Juno's JEDI and UVS science instrument background noise. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 1002, 165244.	1.6	2
13	The Statistical Morphology of Saturn's Equatorial Energetic Neutral Atom Emission. Geophysical Research Letters, 2021, 48, e2020GL091595.	4.0	3
14	A Complete Data Set of Equatorial Projections of Saturn's Energetic Neutral Atom Emissions Observed by Cassini's INCA. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028908.	2.4	2
15	Simultaneous UV Images and High-Latitude Particle and Field Measurements During an Auroral Dawn Storm at Jupiter. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029679.	2.4	3
16	Energetic Electron Distributions Near the Magnetic Equator in the Jovian Plasma Sheet and Outer Radiation Belt Using Juno Observations. Geophysical Research Letters, 2021, 48, .	4.0	6
17	Proton Acceleration by Io's Alfvénic Interaction. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027314.	2.4	18
18	Heavy Ion Charge States in Jupiter's Polar Magnetosphere Inferred From Auroral Megavolt Electric Potentials. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA028052.	2.4	21

#	ARTICLE	IF	CITATIONS
19	Jupiter's X-ray Emission During the 2007 Solar Minimum. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027219.	2.4	17
20	Wave-Particle Interactions Associated With Io's Auroral Footprint: Evidence of Alfvén, Ion Cyclotron, and Whistler Modes. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088432.	4.0	34
21	Variability in the Energetic Electron Bombardment of Ganymede. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA028347.	2.4	22
22	Inflow Speed Analysis of Interchange Injections in Saturn's Magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA028299.	2.4	7
23	Magnetospheric Interactions of Saturn's Moon Dione (2005–2015). <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027688.	2.4	9
24	Juno Energetic Neutral Atom (ENA) Remote Measurements of Magnetospheric Injection Dynamics in Jupiter's Io Torus Regions. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA027964.	2.4	11
25	Energetic Particles and Acceleration Regions Over Jupiter's Polar Cap and Main Aurora: A Broad Overview. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027699.	2.4	47
26	Magnetotail Reconnection at Jupiter: A Survey of Juno Magnetic Field Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027486.	2.4	21
27	Energetic Particle Signatures Above Saturn's Aurorae. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027403.	2.4	5
28	Tracking Counterpart Signatures in Saturn's Auroras and ENA Imagery During Large-Scale Plasma Injection Events. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027542.	2.4	6
29	Photometric Analyses of Saturn's Small Moons: Aegaeon, Methone, and Pallene Are Dark; Helene and Calypso Are Bright. <i>Astronomical Journal</i> , 2020, 159, 129.	4.7	8
30	Energetic Proton Acceleration Associated With Io's Footprint Tail. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL090839.	4.0	16
31	Energetic Neutral Atoms From Jupiter's Polar Regions. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA028697.	2.4	2
32	Long- and Short-term Variability of Galactic Cosmic-Ray Radial Intensity Gradients between 1 and 9.5 au: Observations by Cassini, BESS, BESS-Polar, PAMELA, and AMS-02. <i>Astrophysical Journal</i> , 2020, 904, 165.	4.5	20
33	The Formation of Saturn's and Jupiter's Electron Radiation Belts by Magnetospheric Electric Fields. <i>Astrophysical Journal Letters</i> , 2020, 905, L10.	8.3	20
34	Heliospheric Maps from Cassini INCA Early in the Cruise to Saturn. <i>Astrophysical Journal Letters</i> , 2020, 902, L45.	8.3	7
35	Jovian Injections Observed at High Latitude. <i>Geophysical Research Letters</i> , 2019, 46, 9397-9404.	4.0	17
36	Energetic Oxygen and Sulfur Charge States in the Outer Jovian Magnetosphere: Insights From the Cassini Jupiter Flyby. <i>Geophysical Research Letters</i> , 2019, 46, 11709-11717.	4.0	12

#	ARTICLE	IF	CITATIONS
37	High-Energy (>10 MeV) Oxygen and Sulfur Ions Observed at Jupiter From Pulse Width Measurements of the JEDI Sensors. <i>Geophysical Research Letters</i> , 2019, 46, 10959-10966.	4.0	2
38	Surface composition and properties of Ganymede: Updates from ground-based observations with the near-infrared imaging spectrometer SINFONI/VLT/ESO. <i>Icarus</i> , 2019, 333, 496-515.	2.5	45
39	Jovian Cosmic-Ray Protons in the Heliosphere: Constraints by Cassini Observations. <i>Astrophysical Journal</i> , 2019, 871, 223.	4.5	8
40	Are Saturn's Interchange Injections Organized by Rotational Longitude?. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 1806-1822.	2.4	11
41	Close Cassini flybys of Saturn's ring moons Pan, Daphnis, Atlas, Pandora, and Epimetheus. <i>Science</i> , 2019, 364, .	12.6	24
42	Color centers in salts - Evidence for the presence of sulfates on Europa. <i>Icarus</i> , 2019, 326, 37-47.	2.5	23
43	Io's Effect on Energetic Charged Particles as Seen in Juno Data. <i>Geophysical Research Letters</i> , 2019, 46, 13615-13620.	4.0	12
44	Sources, Sinks, and Transport of Energetic Electrons Near Saturn's Main Rings. <i>Geophysical Research Letters</i> , 2019, 46, 3590-3598.	4.0	13
45	Comparing Electron Energetics and UV Brightness in Jupiter's Northern Polar Region During Juno PeriJove 5. <i>Geophysical Research Letters</i> , 2019, 46, 19-27.	4.0	18
46	Intervals of Intense Energetic Electron Beams Over Jupiter's Poles. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 1989-1999.	2.4	35
47	Diverse Electron and Ion Acceleration Characteristics Observed Over Jupiter's Main Aurora. <i>Geophysical Research Letters</i> , 2018, 45, 1277-1285.	4.0	49
48	Drift-resonant, relativistic electron acceleration at the outer planets: Insights from the response of Saturn's radiation belts to magnetospheric storms. <i>Icarus</i> , 2018, 305, 160-173.	2.5	26
49	Towards a Global Unified Model of Europa's Tenuous Atmosphere. <i>Space Science Reviews</i> , 2018, 214, 1.	8.1	36
50	Cold cases: What we don't know about Saturn's Moons. <i>Planetary and Space Science</i> , 2018, 155, 41-49.	1.7	5
51	Magnetospheric considerations for solar system ice state. <i>Icarus</i> , 2018, 302, 560-564.	2.5	23
52	Energetic electron measurements near Enceladus by Cassini during 2005-2015. <i>Icarus</i> , 2018, 306, 256-274.	2.5	4
53	Solar Energetic Particles (SEP) and Galactic Cosmic Rays (GCR) as tracers of solar wind conditions near Saturn: Event lists and applications. <i>Icarus</i> , 2018, 300, 47-71.	2.5	31
54	Icy Saturnian satellites: Disk-integrated UV-IR characteristics and links to exogenic processes. <i>Icarus</i> , 2018, 300, 103-114.	2.5	25

#	ARTICLE	IF	CITATIONS
55	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.	2.4	42
56	Heliospheric Conditions at Saturn During Cassini's Ring-Grazing and Proximal Orbits. <i>Geophysical Research Letters</i> , 2018, 45, 10812-10818.	4.0	14
57	Electron Acceleration to MeV Energies at Jupiter and Saturn. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 9110-9129.	2.4	46
58	Evolution of the Auroral Signatures of Jupiter's Magnetospheric Injections. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 8489-8501.	2.4	11
59	Bar Code Events in the Juno-UVS Data: Signature of 10 MeV Electron Microbursts at Jupiter. <i>Geophysical Research Letters</i> , 2018, 45, 12,108.	4.0	14
60	Energetic Ion Moments and Polytopic Index in Saturn's Magnetosphere using Cassini/MIMI Measurements: A Simple Model Based on $P^{\alpha}$ Distribution Functions. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 8066-8086.	2.4	34
61	Interchange Injections at Saturn: Statistical Survey of Energetic $H^{+}$ Sudden Flux Intensifications. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 4692-4711.	2.4	35
62	A radiation belt of energetic protons located between Saturn and its rings. <i>Science</i> , 2018, 362, .	12.6	27
63	Saturn's Innermost Radiation Belt Throughout and Inward of the Ring. <i>Geophysical Research Letters</i> , 2018, 45, 10,912.	4.0	9
64	Internal Versus External Sources of Plasma at Saturn: Overview From Magnetospheric Imaging Investigation/Charge-Energy-Mass Spectrometer Data. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 4712-4727.	2.4	15
65	Mapping Saturn's Nightside Plasma Sheet Using Cassini's Proximal Orbits. <i>Geophysical Research Letters</i> , 2018, 45, 6798-6804.	4.0	4
66	Energetic Neutral and Charged Particle Measurements in the Inner Saturnian Magnetosphere During the Grand Finale Orbits of Cassini 2016/2017. <i>Geophysical Research Letters</i> , 2018, 45, 10,847.	4.0	8
67	Strong whistler mode waves observed in the vicinity of Jupiter's moons. <i>Nature Communications</i> , 2018, 9, 3131.	12.8	22
68	Preservation of potential biosignatures in the shallow subsurface of Europa. <i>Nature Astronomy</i> , 2018, 2, 673-679.	10.1	76
69	A Physical Model of the Proton Radiation Belts of Jupiter inside Europa's Orbit. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 3512-3532.	2.4	30
70	The near-surface electron radiation environment of Saturn's moon Mimas. <i>Icarus</i> , 2017, 286, 56-68.	2.5	16
71	Jupiter's magnetosphere and aurorae observed by the Juno spacecraft during its first polar orbits. <i>Science</i> , 2017, 356, 826-832.	12.6	109
72	Plasma measurements in the Jovian polar region with Juno/JADE. <i>Geophysical Research Letters</i> , 2017, 44, 7122-7130.	4.0	35

#	ARTICLE	IF	CITATIONS
73	Juno/JEDI observations of 0.01 to $>10$ MeV energetic ions in the Jovian auroral regions: Anticipating a source for polar X-ray emission. <i>Geophysical Research Letters</i> , 2017, 44, 6476-6482.	4.0	16
74	A heavy ion and proton radiation belt inside of Jupiter's rings. <i>Geophysical Research Letters</i> , 2017, 44, 5259-5268.	4.0	28
75	Searching for low-altitude magnetic field anomalies by using observations of the energetic particle loss cone on JUNO. <i>Geophysical Research Letters</i> , 2017, 44, 4472-4480.	4.0	3
76	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.	4.0	90
77	Observation and interpretation of energetic ion conics in Jupiter's polar magnetosphere. <i>Geophysical Research Letters</i> , 2017, 44, 4419-4425.	4.0	21
78	Radiation near Jupiter detected by Juno/JEDI during PJ1 and PJ3. <i>Geophysical Research Letters</i> , 2017, 44, 4426-4431.	4.0	10
79	Electron butterfly distributions at particular magnetic latitudes observed during Juno's perijove pass. <i>Geophysical Research Letters</i> , 2017, 44, 4489-4496.	4.0	6
80	Jovian bow shock and magnetopause encounters by the Juno spacecraft. <i>Geophysical Research Letters</i> , 2017, 44, 4506-4512.	4.0	30
81	The evolution of Saturn's radiation belts modulated by changes in radial diffusion. <i>Nature Astronomy</i> , 2017, 1, 872-877.	10.1	18
82	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.	4.0	34
83	Energetic particle signatures of magnetic field-aligned potentials over Jupiter's polar regions. <i>Geophysical Research Letters</i> , 2017, 44, 8703-8711.	4.0	41
84	Discrete and broadband electron acceleration in Jupiter's powerful aurora. <i>Nature</i> , 2017, 549, 66-69.	27.8	79
85	The Jupiter Energetic Particle Detector Instrument (JEDI) Investigation for the Juno Mission. <i>Space Science Reviews</i> , 2017, 213, 289-346.	8.1	148
86	Magnetospheric Science Objectives of the Juno Mission. <i>Space Science Reviews</i> , 2017, 213, 219-287.	8.1	163
87	The Kappa-Shaped Particle Spectra in Planetary Magnetospheres. , 2017, , 481-522.		6
88	The "Puck" energetic charged particle detector: Design, heritage, and advancements. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 7900-7913.	2.4	15
89	The GIRE2 model and its application to the Europa mission. , 2016, , .		4
90	An empirical model of the high-energy electron environment at Jupiter. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 9732-9743.	2.4	31

#	ARTICLE	IF	CITATIONS
91	Charge states of energetic oxygen and sulfur ions in Jupiter's magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 2264-2273.	2.4	38
92	The vertical thickness of Jupiter's Europa gas torus from charged particle measurements. <i>Geophysical Research Letters</i> , 2016, 43, 9425-9433.	4.0	27
93	Evidence for dust-driven, radial plasma transport in Saturn's inner radiation belts. <i>Icarus</i> , 2016, 274, 272-283.	2.5	12
94	Effects of radial motion on interchange injections at Saturn. <i>Icarus</i> , 2016, 264, 342-351.	2.5	33
95	Quasi-periodic injections of relativistic electrons in Saturn's outer magnetosphere. <i>Icarus</i> , 2016, 263, 101-116.	2.5	36
96	Solar Wind and Internally Driven Dynamics: Influences on Magnetodiscs and Auroral Responses. <i>Space Sciences Series of ISSI</i> , 2016, , 51-97.	0.0	2
97	Energetic Particles and Waves in the Outer Planet Radiation Belts. , 2016, , 377-410.		2
98	MeV proton flux predictions near Saturn's D ring. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 8586-8602.	2.4	12
99	Field dipolarization in Saturn's magnetotail with planetward ion flows and energetic particle flow bursts: Evidence of quasi-steady reconnection. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 3603-3617.	2.4	20
100	Solar Wind and Internally Driven Dynamics: Influences on Magnetodiscs and Auroral Responses. <i>Space Science Reviews</i> , 2015, 187, 51-97.	8.1	36
101	Global magnetodisk disturbances and energetic particle injections at Jupiter. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 4495-4511.	2.4	37
102	Evolution of electron pitch angle distributions across Saturn's middle magnetospheric region from MIMI/LEMMS. <i>Planetary and Space Science</i> , 2014, 104, 18-28.	1.7	25
103	The variable extension of Saturn's electron radiation belts. <i>Planetary and Space Science</i> , 2014, 104, 3-17.	1.7	27
104	Spatial and temporal dependence of the convective electric field in Saturn's inner magnetosphere. <i>Icarus</i> , 2014, 229, 57-70.	2.5	32
105	The lens feature on the inner saturnian satellites. <i>Icarus</i> , 2014, 234, 155-161.	2.5	24
106	Plasma and energetic particle observations in Jupiter's deep tail near the magnetopause. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 6432-6444.	2.4	4
107	Ion composition in interchange injection events in Saturn's magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 9761-9772.	2.4	23
108	Magnetospheric Science Objectives of the Juno Mission. , 2014, , 39-107.		3

#	ARTICLE	IF	CITATIONS
109	Exogenic controls on sulfuric acid hydrate production at the surface of Europa. Planetary and Space Science, 2013, 77, 45-63.	1.7	71
110	Magnetospheric ion sputtering and water ice grain size at Europa. Planetary and Space Science, 2013, 77, 64-73.	1.7	109
111	Numerical simulation of energetic electron microsignature drifts at Saturn: Methods and applications. Icarus, 2013, 226, 1595-1611.	2.5	17
112	Processes forming and sustaining Saturn's proton radiation belts. Icarus, 2013, 222, 323-341.	2.5	45
113	Energetic particle measurements in the vicinity of Dione during the three Cassini encounters 2005-2011. Icarus, 2013, 226, 617-628.	2.5	16
114	ULF waves in Ganymede's upstream magnetosphere. Annales Geophysicae, 2013, 31, 45-59.	1.6	6
115	The Jupiter Energetic Particle Detector Instrument (JEDI) Investigation for the Juno Mission. , 2013, , 471-528.		1
116	Io Volcano Observer's (IVO) integrated approach to optimizing system design for radiation challenges. , 2012, , .		3
117	Characterizing electron bombardment of Europa's surface by location and depth. Icarus, 2012, 220, 286-290.	2.5	26
118	A noon-to-midnight electric field and nightside dynamics in Saturn's inner magnetosphere, using microsignature observations. Icarus, 2012, 220, 503-513.	2.5	44
119	Mimas' far-UV albedo: Spatial variations. Icarus, 2012, 220, 922-931.	2.5	17
120	Saturn's inner magnetospheric convection pattern: Further evidence. Journal of Geophysical Research, 2012, 117, .	3.3	60
121	The observed composition of ions outflowing from Titan. Geophysical Research Letters, 2012, 39, .	4.0	12
122	Energetic electron observations of Rhea's magnetospheric interaction. Icarus, 2012, 221, 116-134.	2.5	24
123	Uranus Pathfinder: exploring the origins and evolution of Ice Giant planets. Experimental Astronomy, 2012, 33, 753-791.	3.7	44
124	The Cassini Enceladus encounters 2005-2010 in the view of energetic electron measurements. Icarus, 2012, 218, 433-447.	2.5	14
125	Energetic charged particle weathering of Saturn's inner satellites. Planetary and Space Science, 2012, 61, 60-65.	1.7	31
126	Long- and short-term variability of Saturn's ionic radiation belts. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	40



#	ARTICLE	IF	CITATIONS
127	Pitch angle distributions of energetic electrons at Saturn. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	25
128	Energetic particle phase space densities at Saturn: Cassini observations and interpretations. Journal of Geophysical Research, 2011, 116, .	3.3	51
129	Energetic electron spectra in Saturn's plasma sheet. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	10
130	A high-amplitude thermal inertia anomaly of probable magnetospheric origin on Saturn's moon Mimas. Icarus, 2011, 216, 221-226.	2.5	57
131	Mapping Magnetospheric Equatorial Regions at Saturn from Cassini Prime Mission Observations. Space Science Reviews, 2011, 164, 1-83.	8.1	40
132	Europa's disk-resolved ultraviolet spectra: Relationships with plasma flux and surface terrains. Icarus, 2011, 212, 736-743.	2.5	34
133	Plasma, plumes and rings: Saturn system dynamics as recorded in global color patterns on its midsize icy satellites. Icarus, 2011, 211, 740-757.	2.5	114
134	Energetic electron microsignatures as tracers of radial flows and dynamics in Saturn's innermost magnetosphere. Journal of Geophysical Research, 2010, 115, .	3.3	10
135	Asymmetries in Saturn's radiation belts. Journal of Geophysical Research, 2010, 115, .	3.3	28
136	Saturn's periodic magnetic field perturbations caused by a rotating partial ring current. Geophysical Research Letters, 2010, 37, .	4.0	37
137	Transport of energetic electrons into Saturn's inner magnetosphere. Journal of Geophysical Research, 2010, 115, .	3.3	34
138	Energetic ions trapped in Saturn's inner magnetosphere. Planetary and Space Science, 2009, 57, 1723-1731.	1.7	27
139	Investigation of energetic proton penetration in Titan's atmosphere using the Cassini INCA instrument. Planetary and Space Science, 2009, 57, 1538-1546.	1.7	31
140	Recurrent energization of plasma in the midnight-to-dawn quadrant of Saturn's magnetosphere, and its relationship to auroral UV and radio emissions. Planetary and Space Science, 2009, 57, 1732-1742.	1.7	140
141	Cassini evidence for rapid interchange transport at Saturn. Planetary and Space Science, 2009, 57, 1779-1784.	1.7	47
142	Energetic particles in Saturn's magnetosphere during the Cassini nominal mission (July 2004-July 2008). Journal of Geophysical Research, 2009, 114, 1-10.	1.7	43
143	Energetic neutral atom (ENA) and charged particle periodicities in Saturn's magnetosphere. Advances in Space Research, 2009, 44, 483-493.	2.6	14
144	Energetic particle evidence for magnetic filaments in Jupiter's magnetotail. Journal of Geophysical Research, 2009, 114, .	3.3	18

#	ARTICLE	IF	CITATIONS
145	Europa radiation environment and monitoring. , 2009, , .		2
146	Sources of rotational signals in Saturn's magnetosphere. Journal of Geophysical Research, 2009, 114, .	3.3	74
147	Transient auroral features at Saturn: Signatures of energetic particle injections in the magnetosphere. Journal of Geophysical Research, 2009, 114, .	3.3	35
148	Composition of energetic particles in the Jovian magnetotail. Journal of Geophysical Research, 2009, 114, .	3.3	23
149	Fundamental Plasma Processes in Saturn's Magnetosphere. , 2009, , 281-331.		59
150	Energetic electron signatures of Saturn's smaller moons: Evidence of an arc of material at Methone. Icarus, 2008, 193, 455-464.	2.5	22
151	Sources and losses of energetic protons in Saturn's magnetosphere. Icarus, 2008, 197, 519-525.	2.5	64
152	Electron circulation in Saturn's magnetosphere. Journal of Geophysical Research, 2008, 113, .	3.3	55
153	ENA periodicities at Saturn. Geophysical Research Letters, 2008, 35, .	4.0	57
154	Understanding the global evolution of Saturn's ring current. Geophysical Research Letters, 2008, 35, .	4.0	30
155	Discovery of a transient radiation belt at Saturn. Geophysical Research Letters, 2008, 35, .	4.0	54
156	Direct observation of warping in the plasma sheet of Saturn. Geophysical Research Letters, 2008, 35, .	4.0	19
157	The Dust Halo of Saturn's Largest Icy Moon, Rhea. Science, 2008, 319, 1380-1384.	12.6	53
158	The Source of Saturn's G Ring. Science, 2007, 317, 653-656.	12.6	59
159	Energetic electrons injected into Saturn's neutral gas cloud. Geophysical Research Letters, 2007, 34, .	4.0	46
160	Electron sources in Saturn's magnetosphere. Journal of Geophysical Research, 2007, 112, n/a-n/a.	3.3	83
161	Electron microdiffusion in the Saturnian radiation belts: Cassini MIMI/LEMMS observations of energetic electron absorption by the icy moons. Journal of Geophysical Research, 2007, 112, n/a-n/a.	3.3	63
162	Europa's near-surface radiation environment. Geophysical Research Letters, 2007, 34, .	4.0	44

#	ARTICLE	IF	CITATIONS
163	Energetic nitrogen ions within the inner magnetosphere of Saturn. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	20
164	Enceladus' Varying Imprint on the Magnetosphere of Saturn. <i>Science</i> , 2006, 311, 1412-1415.	12.6	57
165	The plasma plumes of Europa and Callisto. <i>Icarus</i> , 2005, 178, 360-366.	2.5	5
166	Dynamics of Saturn's Magnetosphere from MIMI During Cassini's Orbital Insertion. <i>Science</i> , 2005, 307, 1270-1273.	12.6	166
167	Energetic particle injections in Saturn's magnetosphere. <i>Geophysical Research Letters</i> , 2005, 32, n/a-n/a.	4.0	109
168	Energetic ion acceleration in Saturn's magnetotail: Substorms at Saturn?. <i>Geophysical Research Letters</i> , 2005, 32, .	4.0	124
169	The Saturnian plasma sheet as revealed by energetic particle measurements. <i>Geophysical Research Letters</i> , 2005, 32, .	4.0	51
170	Periodic intensity variations in global ENA images of Saturn. <i>Geophysical Research Letters</i> , 2005, 32, .	4.0	71
171	Evidence of Enceladus and Tethys microsignatures. <i>Geophysical Research Letters</i> , 2005, 32, .	4.0	27
172	Low energy electron microsignatures at the orbit of Tethys: Cassini MIMI/LEMMS observations. <i>Geophysical Research Letters</i> , 2005, 32, .	4.0	28
173	Energetic ion composition in Saturn's magnetosphere revisited. <i>Geophysical Research Letters</i> , 2004, 31, .	4.0	10
174	Energetic neutral atoms from Jupiter measured with the Cassini magnetospheric imaging instrument: Time dependence and composition. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	28
175	Energetic ion characteristics and neutral gas interactions in Jupiter's magnetosphere. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	214
176	Energetic neutral atoms from a trans-Europa gas torus at Jupiter. <i>Nature</i> , 2003, 421, 920-922.	27.8	116
177	The radiation environment near Io. <i>Geophysical Research Letters</i> , 2003, 30, .	4.0	12
178	The ion environment near Europa and its role in surface energetics. <i>Geophysical Research Letters</i> , 2002, 29, 18-1-18-4.	4.0	87
179	Transient aurora on Jupiter from injections of magnetospheric electrons. <i>Nature</i> , 2002, 415, 1003-1005.	27.8	98
180	Electron bombardment of Europa. <i>Geophysical Research Letters</i> , 2001, 28, 673-676.	4.0	105

#	ARTICLE	IF	CITATIONS
181	Recurrent ion events and plasma disturbances at Voyager 2: 5 to 50AU. COSPAR Colloquia Series, 2001, , 321-324.	0.2	2
182	Satellite sputtering in Saturn's magnetosphere. Planetary and Space Science, 2001, 49, 319-326.	1.7	55
183	Energetic charged particles near Europa. Journal of Geophysical Research, 2000, 105, 16005-16015.	3.3	34
184	Trapped Energetic Electrons in the Magnetosphere of Ganymede. Journal of Geophysical Research, 2000, 105, 5547-5553.	3.3	17
185	Energetic particle observations near Ganymede. Journal of Geophysical Research, 1999, 104, 17459-17469.	3.3	55
186	Correction to "Energetic particle observations near Ganymede" by C. Paranicas, W. R. Paterson, A. F. Cheng, B. H. Mauk, R. W. McEntire, L. A. Frank, and D. J. Williams. Journal of Geophysical Research, 1999, 104, 22823-22824.	3.3	0
187	Model of field aligned potential drops near Io. Geophysical Research Letters, 1998, 25, 833-836.	4.0	5
188	Plasma flow in the magnetosphere of Ganymede. Geophysical Research Letters, 1998, 25, 1257-1260.	4.0	6
189	Inference of Europa's conductance from the Galileo Energetic Particles Detector. Journal of Geophysical Research, 1998, 103, 15001-15007.	3.3	12
190	Evidence of a source of energetic ions at Saturn. Journal of Geophysical Research, 1997, 102, 17459-17466.	3.3	11
191	A Model of Satellite Microsignatures for Saturn. Icarus, 1997, 125, 380-396.	2.5	25
192	Implications of Io's magnetic signature: Ferromagnetism?. Geophysical Research Letters, 1996, 23, 2879-2882.	4.0	5
193	Charged particle phase space densities in the magnetospheres of Uranus and Neptune. Journal of Geophysical Research, 1996, 101, 10681-10693.	3.3	4
194	Drift shells and aurora computed using the O8 magnetic field model for Neptune. Journal of Geophysical Research, 1994, 99, 19433.	3.3	9
195	Observations of wavelength and convection of electron cyclotron harmonics. Geophysical Research Letters, 1993, 20, 1779-1782.	4.0	2
196	Absence of magnetic trapping on closed field lines at Neptune. Geophysical Research Letters, 1993, 20, 2805-2808.	4.0	9
197	Banded electrostatic emissions observed by the CRRES Plasma Wave Experiment. Journal of Geophysical Research, 1992, 97, 13889-13898.	3.3	12
198	Theory of ring sweeping of energetic particles. Journal of Geophysical Research, 1991, 96, 19123-19129.	3.3	13

#	ARTICLE	IF	CITATIONS
199	Pressure anisotropy and radial stress balance in the Jovian neutral sheet. Journal of Geophysical Research, 1991, 96, 21135-21140.	3.3	41
200	Satellite sweeping of energetic particles at Neptune. Journal of Geophysical Research, 1991, 96, 19131-19136.	3.3	8
201	Ion phase space densities in the Jovian magnetosphere. Journal of Geophysical Research, 1990, 95, 20833-20838.	3.3	8
202	Relaxation of magnetotail plasmas with field-aligned currents. Journal of Geophysical Research, 1989, 94, 479-484.	3.3	6
203	Ballooning stability of axisymmetric plasmas with sheared equilibrium flows. Physics of Fluids B, 1989, 1, 2207-2212.	1.7	23
204	Europa's Radiation Environment and Its Effects on the Surface. , 0, , 529-544.		14
205	Energetic charged particle fluxes relevant to Ganymede's polar region. Geophysical Research Letters, 0, , .	4.0	6