

Chris Paranicas

List of Publications by Year in descending order

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205
papers

6,447
citations

61984

43
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102487

66
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216
all docs

216
docs citations

216
times ranked

2118
citing authors

#	ARTICLE	IF	CITATIONS
1	Energetic ion characteristics and neutral gas interactions in Jupiter's magnetosphere. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	214
2	Dynamics of Saturn's Magnetosphere from MIMI During Cassini's Orbital Insertion. <i>Science</i> , 2005, 307, 1270-1273.	12.6	166
3	Magnetospheric Science Objectives of the Juno Mission. <i>Space Science Reviews</i> , 2017, 213, 219-287.	8.1	163
4	The Jupiter Energetic Particle Detector Instrument (JEDI) Investigation for the Juno Mission. <i>Space Science Reviews</i> , 2017, 213, 289-346.	8.1	148
5	Recurrent energization of plasma in the midnight-to-dawn quadrant of Saturn's magnetosphere, and its relationship to auroral UV and radio emissions. <i>Planetary and Space Science</i> , 2009, 57, 1732-1742.	1.7	140
6	Energetic ion acceleration in Saturn's magnetotail: Substorms at Saturn?. <i>Geophysical Research Letters</i> , 2005, 32, .	4.0	124
7	Energetic neutral atoms from a trans-Europa gas torus at Jupiter. <i>Nature</i> , 2003, 421, 920-922.	27.8	116
8	Plasma, plumes and rings: Saturn system dynamics as recorded in global color patterns on its midsize icy satellites. <i>Icarus</i> , 2011, 211, 740-757.	2.5	114
9	Energetic particle injections in Saturn's magnetosphere. <i>Geophysical Research Letters</i> , 2005, 32, n/a-n/a.	4.0	109
10	Magnetospheric ion sputtering and water ice grain size at Europa. <i>Planetary and Space Science</i> , 2013, 77, 64-73.	1.7	109
11	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
12	Electron bombardment of Europa. <i>Geophysical Research Letters</i> , 2001, 28, 673-676.	4.0	105
13	Transient aurora on Jupiter from injections of magnetospheric electrons. <i>Nature</i> , 2002, 415, 1003-1005.	27.8	98
14	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
15	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
16	Electron sources in Saturn's magnetosphere. <i>Journal of Geophysical Research</i> , 2007, 112, n/a-n/a.	3.3	83
17	Discrete and broadband electron acceleration in Jupiter's powerful aurora. <i>Nature</i> , 2017, 549, 66-69.	27.8	79
18	Preservation of potential biosignatures in the shallow subsurface of Europa. <i>Nature Astronomy</i> , 2018, 2, 673-679.	10.1	76

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19	Sources of rotational signals in Saturn's magnetosphere. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	74
20	Periodic intensity variations in global ENA images of Saturn. <i>Geophysical Research Letters</i> , 2005, 32, .	4.0	71
21	Exogenic controls on sulfuric acid hydrate production at the surface of Europa. <i>Planetary and Space Science</i> , 2013, 77, 45-63.	1.7	71
22	Sources and losses of energetic protons in Saturn's magnetosphere. <i>Icarus</i> , 2008, 197, 519-525.	2.5	64
23	Electron microdiffusion in the Saturnian radiation belts: Cassini MIMI/LEMMS observations of energetic electron absorption by the icy moons. <i>Journal of Geophysical Research</i> , 2007, 112, n/a-n/a.	3.3	63
24	Saturn's inner magnetospheric convection pattern: Further evidence. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	60
25	The Source of Saturn's G Ring. <i>Science</i> , 2007, 317, 653-656.	12.6	59
26	Fundamental Plasma Processes in Saturn's Magnetosphere. , 2009, , 281-331.		59
27	Enceladus' Varying Imprint on the Magnetosphere of Saturn. <i>Science</i> , 2006, 311, 1412-1415.	12.6	57
28	ENA periodicities at Saturn. <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	57
29	A high-amplitude thermal inertia anomaly of probable magnetospheric origin on Saturn's moon Mimas. <i>Icarus</i> , 2011, 216, 221-226.	2.5	57
30	Energetic particle observations near Ganymede. <i>Journal of Geophysical Research</i> , 1999, 104, 17459-17469.	3.3	55
31	Satellite sputtering in Saturn's magnetosphere. <i>Planetary and Space Science</i> , 2001, 49, 319-326.	1.7	55
32	Electron circulation in Saturn's magnetosphere. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	55
33	Discovery of a transient radiation belt at Saturn. <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	54
34	The Dust Halo of Saturn's Largest Icy Moon, Rhea. <i>Science</i> , 2008, 319, 1380-1384.	12.6	53
35	The Saturnian plasma sheet as revealed by energetic particle measurements. <i>Geophysical Research Letters</i> , 2005, 32, .	4.0	51
36	Energetic particle phase space densities at Saturn: Cassini observations and interpretations. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	51

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37	Diverse Electron and Ion Acceleration Characteristics Observed Over Jupiter's Main Aurora. <i>Geophysical Research Letters</i> , 2018, 45, 1277-1285.	4.0	49
38	Cassini evidence for rapid interchange transport at Saturn. <i>Planetary and Space Science</i> , 2009, 57, 1779-1784.	1.7	47
39	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
40	Energetic electrons injected into Saturn's neutral gas cloud. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	46
41	Electron Acceleration to MeV Energies at Jupiter and Saturn. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 9110-9129.	2.4	46
42	Processes forming and sustaining Saturn's proton radiation belts. <i>Icarus</i> , 2013, 222, 323-341.	2.5	45
43	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
44	Europa's near-surface radiation environment. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	44
45	A noon-to-midnight electric field and nightside dynamics in Saturn's inner magnetosphere, using microsignature observations. <i>Icarus</i> , 2012, 220, 503-513.	2.5	44
46	Uranus Pathfinder: exploring the origins and evolution of Ice Giant planets. <i>Experimental Astronomy</i> , 2012, 33, 753-791.	3.7	44
47	Energetic particles in Saturn's magnetosphere during the Cassini nominal mission (July 2004–July 2017). <i>Journal of Geophysical Research</i> , 2018, 123, 8431-8443.	1.7	43
48	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
49	Science Goals and Mission Architecture of the Europa Lander Mission Concept. <i>Planetary Science Journal</i> , 2022, 3, 22.	3.6	42
50	Pressure anisotropy and radial stress balance in the Jovian neutral sheet. <i>Journal of Geophysical Research</i> , 1991, 96, 21135-21140.	3.3	41
51	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
52	Long- and short-term variability of Saturn's ionic radiation belts. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	40
53	Mapping Magnetospheric Equatorial Regions at Saturn from Cassini Prime Mission Observations. <i>Space Science Reviews</i> , 2011, 164, 1-83.	8.1	40
54	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

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55	Saturn's periodic magnetic field perturbations caused by a rotating partial ring current. <i>Geophysical Research Letters</i> , 2010, 37, .	4.0	37
56	Global magnetodisk disturbances and energetic particle injections at Jupiter. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 4495-4511.	2.4	37
57	Solar Wind and Internally Driven Dynamics: Influences on Magnetodisks and Auroral Responses. <i>Space Science Reviews</i> , 2015, 187, 51-97.	8.1	36
58	Quasi-periodic injections of relativistic electrons in Saturn's outer magnetosphere. <i>Icarus</i> , 2016, 263, 101-116.	2.5	36
59	Towards a Global Unified Model of Europa's Tenuous Atmosphere. <i>Space Science Reviews</i> , 2018, 214, 1.	8.1	36
60	Transient auroral features at Saturn: Signatures of energetic particle injections in the magnetosphere. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	35
61	Plasma measurements in the Jovian polar region with Juno/JADE. <i>Geophysical Research Letters</i> , 2017, 44, 7122-7130.	4.0	35
62	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
63	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
64	Energetic charged particles near Europa. <i>Journal of Geophysical Research</i> , 2000, 105, 16005-16015.	3.3	34
65	Transport of energetic electrons into Saturn's inner magnetosphere. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	34
66	Europa's disk-resolved ultraviolet spectra: Relationships with plasma flux and surface terrains. <i>Icarus</i> , 2011, 212, 736-743.	2.5	34
67	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
68	Energetic Ion Moments and Polytopic Index in Saturn's Magnetosphere using Cassini/MIMI Measurements: A Simple Model Based on $\langle i \rangle_p$ Distribution Functions. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 8066-8086.	2.4	34
69	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
70	Effects of radial motion on interchange injections at Saturn. <i>Icarus</i> , 2016, 264, 342-351.	2.5	33
71	Spatial and temporal dependence of the convective electric field in Saturn's inner magnetosphere. <i>Icarus</i> , 2014, 229, 57-70.	2.5	32
72	Investigation of energetic proton penetration in Titan's atmosphere using the Cassini INCA instrument. <i>Planetary and Space Science</i> , 2009, 57, 1538-1546.	1.7	31

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73	Energetic charged particle weathering of Saturn's inner satellites. <i>Planetary and Space Science</i> , 2012, 61, 60-65.	1.7	31
74	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
75	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
76	Understanding the global evolution of Saturn's ring current. <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	30
77	Jovian bow shock and magnetopause encounters by the Juno spacecraft. <i>Geophysical Research Letters</i> , 2017, 44, 4506-4512.	4.0	30
78	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
79	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
80	Low energy electron microsignatures at the orbit of Tethys: Cassini MIMI/LEMMS observations. <i>Geophysical Research Letters</i> , 2005, 32, .	4.0	28
81	Asymmetries in Saturn's radiation belts. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	28
82	A heavy ion and proton radiation belt inside of Jupiter's rings. <i>Geophysical Research Letters</i> , 2017, 44, 5259-5268.	4.0	28
83	Evidence of Enceladus and Tethys microsignatures. <i>Geophysical Research Letters</i> , 2005, 32, .	4.0	27
84	Energetic ions trapped in Saturn's inner magnetosphere. <i>Planetary and Space Science</i> , 2009, 57, 1723-1731.	1.7	27
85	The variable extension of Saturn's electron radiation belts. <i>Planetary and Space Science</i> , 2014, 104, 3-17.	1.7	27
86	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
87	A radiation belt of energetic protons located between Saturn and its rings. <i>Science</i> , 2018, 362, .	12.6	27
88	Characterizing electron bombardment of Europa's surface by location and depth. <i>Icarus</i> , 2012, 220, 286-290.	2.5	26
89	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
90	A Model of Satellite Microsignatures for Saturn. <i>Icarus</i> , 1997, 125, 380-396.	2.5	25

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91	Pitch angle distributions of energetic electrons at Saturn. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	25
92	Evolution of electron pitch angle distributions across Saturn's middle magnetospheric region from MIMI/LEMMS. Planetary and Space Science, 2014, 104, 18-28.	1.7	25
93	Icy Saturnian satellites: Disk-integrated UV-IR characteristics and links to exogenic processes. Icarus, 2018, 300, 103-114.	2.5	25
94	Energetic electron observations of Rhea's magnetospheric interaction. Icarus, 2012, 221, 116-134.	2.5	24
95	The lens feature on the inner saturnian satellites. Icarus, 2014, 234, 155-161.	2.5	24
96	Close Cassini flybys of Saturn's ring moons Pan, Daphnis, Atlas, Pandora, and Epimetheus. Science, 2019, 364, .	12.6	24
97	Ballooning stability of axisymmetric plasmas with sheared equilibrium flows. Physics of Fluids B, 1989, 1, 2207-2212.	1.7	23
98	Composition of energetic particles in the Jovian magnetotail. Journal of Geophysical Research, 2009, 114, .	3.3	23
99	Ion composition in interchange injection events in Saturn's magnetosphere. Journal of Geophysical Research: Space Physics, 2014, 119, 9761-9772.	2.4	23
100	Magnetospheric considerations for solar system ice state. Icarus, 2018, 302, 560-564.	2.5	23
101	Color centers in salts - Evidence for the presence of sulfates on Europa. Icarus, 2019, 326, 37-47.	2.5	23
102	Energetic electron signatures of Saturn's smaller moons: Evidence of an arc of material at Methone. Icarus, 2008, 193, 455-464.	2.5	22
103	Strong whistler mode waves observed in the vicinity of Jupiter's moons. Nature Communications, 2018, 9, 3131.	12.8	22
104	Variability in the Energetic Electron Bombardment of Ganymede. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA028347.	2.4	22
105	Observation and interpretation of energetic ion conics in Jupiter's polar magnetosphere. Geophysical Research Letters, 2017, 44, 4419-4425.	4.0	21
106	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
107	Magnetotail Reconnection at Jupiter: A Survey of Juno Magnetic Field Observations. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027486.	2.4	21
108	Energetic nitrogen ions within the inner magnetosphere of Saturn. Journal of Geophysical Research, 2006, 111, .	3.3	20

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109	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
110	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
111	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
112	Direct observation of warping in the plasma sheet of Saturn. <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	19
113	Energetic particle evidence for magnetic filaments in Jupiter's magnetotail. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	18
114	The evolution of Saturn's radiation belts modulated by changes in radial diffusion. <i>Nature Astronomy</i> , 2017, 1, 872-877.	10.1	18
115	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
116	Proton Acceleration by Io's Alfvénic Interaction. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027314.	2.4	18
117	Trapped Energetic Electrons in the Magnetosphere of Ganymede. <i>Journal of Geophysical Research</i> , 2000, 105, 5547-5553.	3.3	17
118	Mimas' far-UV albedo: Spatial variations. <i>Icarus</i> , 2012, 220, 922-931.	2.5	17
119	Numerical simulation of energetic electron microsignature drifts at Saturn: Methods and applications. <i>Icarus</i> , 2013, 226, 1595-1611.	2.5	17
120	Jovian Injections Observed at High Latitude. <i>Geophysical Research Letters</i> , 2019, 46, 9397-9404.	4.0	17
121	Jupiter's X-ray Emission During the 2007 Solar Minimum. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027219.	2.4	17
122	Energetic particle measurements in the vicinity of Dione during the three Cassini encounters 2005-2011. <i>Icarus</i> , 2013, 226, 617-628.	2.5	16
123	The near-surface electron radiation environment of Saturn's moon Mimas. <i>Icarus</i> , 2017, 286, 56-68.	2.5	16
124	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
125	Energetic Proton Acceleration Associated With Io's Footprint Tail. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL090839.	4.0	16
126	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

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127	Internal Versus External Sources of Plasma at Saturn: Overview From Magnetospheric Imaging Investigation/Charge&Energy&Mass Spectrometer Data. Journal of Geophysical Research: Space Physics, 2018, 123, 4712-4727.	2.4	15
128	Energetic neutral atom (ENA) and charged particle periodicities in Saturn&TM's magnetosphere. Advances in Space Research, 2009, 44, 483-493.	2.6	14
129	The Cassini Enceladus encounters 2005"2010 in the view of energetic electron measurements. Icarus, 2012, 218, 433-447.	2.5	14
130	Heliospheric Conditions at Saturn During Cassini's Ring&Grazing and Proximal Orbits. Geophysical Research Letters, 2018, 45, 10812-10818.	4.0	14
131	<i>Bar Code</i> Events in the Juno&UJVS Data: Signature ~ 10 MeV Electron Microbursts at Jupiter. Geophysical Research Letters, 2018, 45, 12,108.	4.0	14
132	Europa&TM's Radiation Environment and Its Effects on the Surface. , 0, , 529-544.		14
133	Theory of ring sweeping of energetic particles. Journal of Geophysical Research, 1991, 96, 19123-19129.	3.3	13
134	Sources, Sinks, and Transport of Energetic Electrons Near Saturn's Main Rings. Geophysical Research Letters, 2019, 46, 3590-3598.	4.0	13
135	Banded electrostatic emissions observed by the CRRES Plasma Wave Experiment. Journal of Geophysical Research, 1992, 97, 13889-13898.	3.3	12
136	Inference of Europa's conductance from the Galileo Energetic Particles Detector. Journal of Geophysical Research, 1998, 103, 15001-15007.	3.3	12
137	The radiation environment near Io. Geophysical Research Letters, 2003, 30, .	4.0	12
138	The observed composition of ions outflowing from Titan. Geophysical Research Letters, 2012, 39, .	4.0	12
139	MeV proton flux predictions near Saturn's D ring. Journal of Geophysical Research: Space Physics, 2015, 120, 8586-8602.	2.4	12
140	Evidence for dust-driven, radial plasma transport in Saturn&TM's inner radiation belts. Icarus, 2016, 274, 272-283.	2.5	12
141	Energetic Oxygen and Sulfur Charge States in the Outer Jovian Magnetosphere: Insights From the Cassini Jupiter Flyby. Geophysical Research Letters, 2019, 46, 11709-11717.	4.0	12
142	Io's Effect on Energetic Charged Particles as Seen in Juno Data. Geophysical Research Letters, 2019, 46, 13615-13620.	4.0	12
143	Evidence of a source of energetic ions at Saturn. Journal of Geophysical Research, 1997, 102, 17459-17466.	3.3	11
144	Evolution of the Auroral Signatures of Jupiter's Magnetospheric Injections. Journal of Geophysical Research: Space Physics, 2018, 123, 8489-8501.	2.4	11

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145	Are Saturn's Interchange Injections Organized by Rotational Longitude?. Journal of Geophysical Research: Space Physics, 2019, 124, 1806-1822.	2.4	11
146	Juno Energetic Neutral Atom (ENA) Remote Measurements of Magnetospheric Injection Dynamics in Jupiter's Io Torus Regions. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA027964.	2.4	11
147	Energetic ion composition in Saturn's magnetosphere revisited. Geophysical Research Letters, 2004, 31, .	4.0	10
148	Energetic electron microsignatures as tracers of radial flows and dynamics in Saturn's innermost magnetosphere. Journal of Geophysical Research, 2010, 115, .	3.3	10
149	Energetic electron spectra in Saturn's plasma sheet. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	10
150	Radiation near Jupiter detected by Juno/JEDI during PJ1 and PJ3. Geophysical Research Letters, 2017, 44, 4426-4431.	4.0	10
151	Jupiter's Ion Radiation Belts Inward of Europa's Orbit. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028925.	2.4	10
152	Energy Spectra Near Ganymede From Juno Data. Geophysical Research Letters, 2021, 48, e2021GL093021.	4.0	10
153	Magnetospheric Ion Bombardment of Europa's Surface. Planetary Science Journal, 2022, 3, 5.	3.6	10
154	Absence of magnetic trapping on closed field lines at Neptune. Geophysical Research Letters, 1993, 20, 2805-2808.	4.0	9
155	Drift shells and aurora computed using the O8 magnetic field model for Neptune. Journal of Geophysical Research, 1994, 99, 19433.	3.3	9
156	Saturn's Innermost Radiation Belt Throughout and Inward of the D-Ring. Geophysical Research Letters, 2018, 45, 10,912.	4.0	9
157	Magnetospheric Interactions of Saturn's Moon Dione (2005-2015). Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027688.	2.4	9
158	Ion phase space densities in the Jovian magnetosphere. Journal of Geophysical Research, 1990, 95, 20833-20838.	3.3	8
159	Satellite sweeping of energetic particles at Neptune. Journal of Geophysical Research, 1991, 96, 19131-19136.	3.3	8
160	Energetic Neutral and Charged Particle Measurements in the Inner Saturnian Magnetosphere During the Grand Finale Orbits of Cassini 2016/2017. Geophysical Research Letters, 2018, 45, 10,847.	4.0	8
161	Jovian Cosmic-Ray Protons in the Heliosphere: Constraints by Cassini Observations. Astrophysical Journal, 2019, 871, 223.	4.5	8
162	Photometric Analyses of Saturn's Small Moons: Aegaeon, Methone, and Pallene Are Dark; Helene and Calypso Are Bright. Astronomical Journal, 2020, 159, 129.	4.7	8

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163	A Comprehensive Set of Juno In Situ and Remote Sensing Observations of the Ganymede Auroral Footprint. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	8
164	Inflow Speed Analysis of Interchange Injections in Saturn's Magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA028299.	2.4	7
165	Comment on "An Active Plume Eruption on Europa During Galileo Flyby E26 as Indicated by Energetic Proton Depletions" by Huybrighs et al.. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091550.	4.0	7
166	Heliospheric Maps from Cassini INCA Early in the Cruise to Saturn. <i>Astrophysical Journal Letters</i> , 2020, 902, L45.	8.3	7
167	Relaxation of magnetotail plasmas with field-aligned currents. <i>Journal of Geophysical Research</i> , 1989, 94, 479-484.	3.3	6
168	Plasma flow in the magnetosphere of Ganymede. <i>Geophysical Research Letters</i> , 1998, 25, 1257-1260.	4.0	6
169	ULF waves in Ganymede's upstream magnetosphere. <i>Annales Geophysicae</i> , 2013, 31, 45-59.	1.6	6
170	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
171	The Kappa-Shaped Particle Spectra in Planetary Magnetospheres. , 2017, , 481-522.		6
172	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
173	Energetic Electron Distributions Near the Magnetic Equator in the Jovian Plasma Sheet and Outer Radiation Belt Using Juno Observations. <i>Geophysical Research Letters</i> , 2021, 48, .	4.0	6
174	Energetic charged particle fluxes relevant to Ganymede's polar region. <i>Geophysical Research Letters</i> , 0, , .	4.0	6
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