

Norbert Krupp

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

156
papers

5,420
citations

40
h-index

66
g-index

161
ext. papers

5,821
ext. citations

6.4
avg, IF

5.01
L-index

#	Paper	IF	Citations
156	A source of very energetic oxygen located in Jupiter's inner radiation belts.. <i>Science Advances</i> , 2022 , 8, eabm4234	14.3	1
155	Spectra of Saturn's proton belts revealed. <i>Icarus</i> , 2022 , 376, 114795	3.8	2
154	Cassini Observation of Relativistic Electron Butterfly Distributions in Saturn's Inner Radiation Belts: Evidence for Acceleration by Local Processes. <i>Geophysical Research Letters</i> , 2021 , 48, e2021GL092690	4.9	1
153	Dawn-Dusk Asymmetry in Energetic (>20 keV) Particles Adjacent to Saturn's Magnetopause. <i>Journal of Geophysical Research: Space Physics</i> , 2021 , 126, e2020JA028264	2.6	0
152	Reply to Comment on "An Active Plume Eruption on Europa During Galileo Flyby E26 as Indicated by Energetic Proton Depletions" <i>Geophysical Research Letters</i> , 2021 , 48, e2021GL095240	4.9	1
151	Saturn's Inner Magnetospheric Convection in the View of Zebra Stripe Patterns in Energetic Electron Spectra. <i>Journal of Geophysical Research: Space Physics</i> , 2021 , 126, e2021JA029600	2.6	2
150	A Rotating Azimuthally Distributed Auroral Current System on Saturn Revealed by the Cassini Spacecraft. <i>Astrophysical Journal Letters</i> , 2021 , 919, L25	7.9	0
149	Saturn's Nightside Dynamics During Cassini's F Ring and Proximal Orbits: Response to Solar Wind and Planetary Period Oscillation Modulations. <i>Journal of Geophysical Research: Space Physics</i> , 2020 , 125, e2020JA027907	2.6	6
148	An Active Plume Eruption on Europa During Galileo Flyby E26 as Indicated by Energetic Proton Depletions. <i>Geophysical Research Letters</i> , 2020 , 47, e2020GL087806	4.9	13
147	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	4.7	10
146	The Formation of Saturn's and Jupiter's Electron Radiation Belts by Magnetospheric Electric Fields. <i>Astrophysical Journal Letters</i> , 2020 , 905, L10	7.9	6
145	Sustaining Saturn's Electron Radiation Belts Through Episodic, Global-Scale Relativistic Electron Flux Enhancements. <i>Journal of Geophysical Research: Space Physics</i> , 2020 , 125, e2019JA027621	2.6	5
144	Inflow Speed Analysis of Interchange Injections in Saturn's Magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2020 , 125, e2020JA028299	2.6	3
143	Magnetospheric Interactions of Saturn's Moon Dione (2005-2015). <i>Journal of Geophysical Research: Space Physics</i> , 2020 , 125, e2019JA027688	2.6	5
142	Long-standing Small-scale Reconnection Processes at Saturn Revealed by Cassini. <i>Astrophysical Journal Letters</i> , 2019 , 884, L14	7.9	4
141	Jovian Cosmic-Ray Protons in the Heliosphere: Constraints by Cassini Observations. <i>Astrophysical Journal</i> , 2019 , 871, 223	4.7	6
140	Galactic Cosmic Rays Access to the Magnetosphere of Saturn. <i>Journal of Geophysical Research: Space Physics</i> , 2019 , 124, 166-177	2.6	7

139	Close Cassini flybys of Saturn's ring moons Pan, Daphnis, Atlas, Pandora, and Epimetheus. <i>Science</i> , 2019 , 364,	33.3	15
138	Spectral Signatures of Adiabatic Electron Acceleration at Saturn Through Corotation Drift Cancellation. <i>Geophysical Research Letters</i> , 2019 , 46, 10240-10249	4.9	8
137	Io's Effect on Energetic Charged Particles as Seen in Juno Data. <i>Geophysical Research Letters</i> , 2019 , 46, 13615-13620	4.9	9
136	Sources, Sinks, and Transport of Energetic Electrons Near Saturn's Main Rings. <i>Geophysical Research Letters</i> , 2019 , 46, 3590-3598	4.9	11
135	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	3.8	21
134	Magnetospheric considerations for solar system ice state. <i>Icarus</i> , 2018 , 302, 560-564	3.8	14
133	Energetic electron measurements near Enceladus by Cassini during 2005-2015. <i>Icarus</i> , 2018 , 306, 256-274	3.8	4
132	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	3.8	25
131	Energetic Electron Pitch Angle Distributions During the Cassini Final Orbits. <i>Geophysical Research Letters</i> , 2018 , 45, 2911-2917	4.9	3
130	Statistical Study of the Energetic Proton Environment at Titan's Orbit From the Cassini Spacecraft. <i>Journal of Geophysical Research: Space Physics</i> , 2018 , 123, 4820-4834	2.6	4
129	Heliospheric Conditions at Saturn During Cassini's Ring-Grazing and Proximal Orbits. <i>Geophysical Research Letters</i> , 2018 , 45, 10812-10818	4.9	12
128	Global Configuration and Seasonal Variations of Saturn's Magnetosphere 2018 , 126-165		2
127	Energetic Ion Moments and Polytopic Index in Saturn's Magnetosphere using Cassini/MIMI Measurements: A Simple Model Based on δ -Distribution Functions. <i>Journal of Geophysical Research: Space Physics</i> , 2018 , 123, 8066-8086	2.6	25
126	Auroral Storm and Polar Arcs at Saturn's Final Cassini/UVIS Auroral Observations. <i>Geophysical Research Letters</i> , 2018 , 45, 6832-6842	4.9	8
125	A radiation belt of energetic protons located between Saturn and its rings. <i>Science</i> , 2018 , 362,	33.3	19
124	Saturn's Innermost Radiation Belt Throughout and Inward of the D-Ring. <i>Geophysical Research Letters</i> , 2018 , 45, 10,912	4.9	7
123	Recurrent Magnetic Dipolarization at Saturn: Revealed by Cassini. <i>Journal of Geophysical Research: Space Physics</i> , 2018 , 123, 8502-8517	2.6	11
122	Mapping Saturn's Nightside Plasma Sheet Using Cassini's Proximal Orbits. <i>Geophysical Research Letters</i> , 2018 , 45, 6798-6804	4.9	4

121	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	4.9	7
120	. <i>IEEE Transactions on Plasma Science</i> , 2018 , 46, 2126-2145	1.3	
119	On the in-situ detectability of Europa's water vapour plumes from a flyby mission. <i>Icarus</i> , 2017 , 289, 270-280	3.8	8
118	The evolution of Saturn's radiation belts modulated by changes in radial diffusion. <i>Nature Astronomy</i> , 2017 , 1, 872-877	12.1	16
117	Interplanetary coronal mass ejection observed at STEREO-A, Mars, comet 67P/Churyumov-Gerasimenko, Saturn, and New Horizons en route to Pluto: Comparison of its Forbush decreases at 1.4, 3.1, and 9.9 AU. <i>Journal of Geophysical Research: Space Physics</i> , 2017 , 122, 7865-7890	2.6	66
116	Radial and local time structure of the Saturnian ring current, revealed by Cassini. <i>Journal of Geophysical Research: Space Physics</i> , 2017 , 122, 1803-1815	2.6	32
115	Quasi-periodic injections of relativistic electrons in Saturn's outer magnetosphere. <i>Icarus</i> , 2016 , 263, 101-116	3.8	34
114	Survey of pickup ion signatures in the vicinity of Titan using CAPS/IMS. <i>Journal of Geophysical Research: Space Physics</i> , 2016 , 121, 8317-8328	2.6	9
113	The vertical thickness of Jupiter's Europa gas torus from charged particle measurements. <i>Geophysical Research Letters</i> , 2016 , 43, 9425-9433	4.9	17
112	Evidence for dust-driven, radial plasma transport in Saturn's inner radiation belts. <i>Icarus</i> , 2016 , 274, 272-283	3.8	10
111	Access of energetic particles to Titan's exobase: A study of Cassini's T9 flyby. <i>Planetary and Space Science</i> , 2016 , 130, 40-53	2	18
110	Statistical analysis and multi-instrument overview of the quasi-periodic 1-hour pulsations in Saturn's outer magnetosphere. <i>Icarus</i> , 2016 , 271, 1-18	3.8	25
109	Effects of radial motion on interchange injections at Saturn. <i>Icarus</i> , 2016 , 264, 342-351	3.8	29
108	Cassini plasma observations of Saturn's magnetospheric cusp. <i>Journal of Geophysical Research: Space Physics</i> , 2016 , 121, 12,047-12,067	2.6	8
107	Cassini observations of Saturn's southern polar cusp. <i>Journal of Geophysical Research: Space Physics</i> , 2016 , 121, 3006-3030	2.6	12
106	Auroral Processes at the Giant Planets: Energy Deposition, Emission Mechanisms, Morphology and Spectra. <i>Space Science Reviews</i> , 2015 , 187, 99-179	7.5	70
105	Jupiter's Magnetotail. <i>Geophysical Monograph Series</i> , 2015 , 85-98	1.1	3
104	MeV proton flux predictions near Saturn's D ring. <i>Journal of Geophysical Research: Space Physics</i> , 2015 , 120, 8586-8602	2.6	9

103	Modeling of the energetic ion observations in the vicinity of Rhea and Dione. <i>Icarus</i> , 2015 , 258, 402-417	3.8	12
102	Comparison of Plasma Sources in Solar System Magnetospheres. <i>Space Science Reviews</i> , 2015 , 192, 285-295		1
101	Saturn's hinge parameter from Cassini magnetotail passes in 2013-2014. <i>Journal of Geophysical Research: Space Physics</i> , 2015 , 120, 4438-4445	2.6	9
100	Injection, Interchange, and Reconnection. <i>Geophysical Monograph Series</i> , 2015 , 327-343	1.1	28
99	Giant magnetospheres in our solar system: Jupiter and Saturn compared. <i>Astronomy and Astrophysics Review</i> , 2014 , 22, 1	28.8	2
98	The lens feature on the inner saturnian satellites. <i>Icarus</i> , 2014 , 234, 155-161	3.8	20
97	Cassini multi-instrument assessment of Saturn's polar cap boundary. <i>Journal of Geophysical Research: Space Physics</i> , 2014 , 119, 8161-8177	2.6	30
96	Cusp observation at Saturn's high-latitude magnetosphere by the Cassini spacecraft. <i>Geophysical Research Letters</i> , 2014 , 41, 1382-1388	4.9	31
95	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	2	20
94	The variable extension of Saturn's electron radiation belts. <i>Planetary and Space Science</i> , 2014 , 104, 3-17	2	25
93	Spatial and temporal dependence of the convective electric field in Saturn's inner magnetosphere. <i>Icarus</i> , 2014 , 229, 57-70	3.8	30
92	Jupiter ICy moons Explorer (JUICE): An ESA mission to orbit Ganymede and to characterise the Jupiter system. <i>Planetary and Space Science</i> , 2013 , 78, 1-21	2	308
91	Numerical simulation of energetic electron microsignature drifts at Saturn: Methods and applications. <i>Icarus</i> , 2013 , 226, 1595-1611	3.8	16
90	Processes forming and sustaining Saturn's proton radiation belts. <i>Icarus</i> , 2013 , 222, 323-341	3.8	41
89	Energetic particle measurements in the vicinity of Dione during the three Cassini encounters 2005-2011. <i>Icarus</i> , 2013 , 226, 617-628	3.8	15
88	The extended Saturnian neutral cloud as revealed by global ENA simulations using Cassini/MIMI measurements. <i>Journal of Geophysical Research: Space Physics</i> , 2013 , 118, 3027-3041	2.6	26
87	Asymmetric distribution of reconnection jet fronts in the Jovian nightside magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2013 , 118, 375-384	2.6	42
86	Saturn's magnetospheric refresh rate. <i>Geophysical Research Letters</i> , 2013 , 40, 2479-2483	4.9	18

85	Energetic charged particle weathering of Saturn's inner satellites. <i>Planetary and Space Science</i> , 2012 , 61, 60-65	2	30
84	A noon-to-midnight electric field and nightside dynamics in Saturn's inner magnetosphere, using microsignature observations. <i>Icarus</i> , 2012 , 220, 503-513	3.8	40
83	Energetic electron observations of Rhea's magnetospheric interaction. <i>Icarus</i> , 2012 , 221, 116-134	3.8	20
82	Uranus Pathfinder: exploring the origins and evolution of Ice Giant planets. <i>Experimental Astronomy</i> , 2012 , 33, 753-791	1.3	36
81	Field-aligned beams and reconnection in the jovian magnetotail. <i>Icarus</i> , 2012 , 217, 55-65	3.8	19
80	The Cassini Enceladus encounters 2005-2010 in the view of energetic electron measurements. <i>Icarus</i> , 2012 , 218, 433-447	3.8	13
79	Long- and short-term variability of Saturn's ionic radiation belts. <i>Journal of Geophysical Research</i> , 2011 , 116, n/a-n/a		37
78	Pitch angle distributions of energetic electrons at Saturn. <i>Journal of Geophysical Research</i> , 2011 , 116, n/a-n/a		20
77	Dynamics and seasonal variations in Saturn's magnetospheric plasma sheet, as measured by Cassini. <i>Journal of Geophysical Research</i> , 2011 , 116, n/a-n/a		38
76	Energetic particle phase space densities at Saturn: Cassini observations and interpretations. <i>Journal of Geophysical Research</i> , 2011 , 116,		46
75	Auroral electron distributions within and close to the Saturn kilometric radiation source region. <i>Journal of Geophysical Research</i> , 2011 , 116,		28
74	Energetic electron spectra in Saturn's plasma sheet. <i>Journal of Geophysical Research</i> , 2011 , 116, n/a-n/a		8
73	Properties of energetic particle bursts at dawnside magnetosheath: Cassini observations during the 1999 Earth swing-by. <i>Journal of Geophysical Research</i> , 2011 , 116, n/a-n/a		8
72	Magnetic reconnection in the Jovian tail: X-line evolution and consequent plasma sheet structures. <i>Journal of Geophysical Research</i> , 2011 , 116, n/a-n/a		32
71	Mapping Magnetospheric Equatorial Regions at Saturn from Cassini Prime Mission Observations. <i>Space Science Reviews</i> , 2011 , 164, 1-83	7.5	39
70	JOSE: A New Jovian Specification Environment Model. <i>IEEE Transactions on Nuclear Science</i> , 2011 , 58, 923-931	1.7	25
69	A new form of Saturn's magnetopause using a dynamic pressure balance model, based on in situ, multi-instrument Cassini measurements. <i>Journal of Geophysical Research</i> , 2010 , 115, n/a-n/a		134
68	Asymmetries in Saturn's radiation belts. <i>Journal of Geophysical Research</i> , 2010 , 115,		25

67	Azimuthal plasma flow in the Kronian magnetosphere. <i>Journal of Geophysical Research</i> , 2010 , 115, n/a-n/a		31
66	A plasmopause-like density boundary at high latitudes in Saturn's magnetosphere. <i>Geophysical Research Letters</i> , 2010 , 37, n/a-n/a	4.9	36
65	Cassini observations of a Kelvin-Helmholtz vortex in Saturn's outer magnetosphere. <i>Journal of Geophysical Research</i> , 2010 , 115,		91
64	Surface charging of Saturn's plasma-absorbing moons. <i>Journal of Geophysical Research</i> , 2010 , 115, n/a-n/a		16
63	Transport of energetic electrons into Saturn's inner magnetosphere. <i>Journal of Geophysical Research</i> , 2010 , 115, n/a-n/a		34
62	Statistical analysis of the energetic ion and ENA data for the Titan environment. <i>Planetary and Space Science</i> , 2010 , 58, 1811-1822	2	29
61	Environments in the Outer Solar System. <i>Space Science Reviews</i> , 2010 , 153, 11-59	7.5	8
60	Environments in the Outer Solar System. <i>Space Sciences Series of ISSI</i> , 2010 , 11-59	0.1	
59	A summary of observational records on periodicities above the rotational period in the Jovian magnetosphere. <i>Annales Geophysicae</i> , 2009 , 27, 2565-2573	2	23
58	Analysis of a sequence of energetic ion and magnetic field events upstream from the Saturnian magnetosphere. <i>Planetary and Space Science</i> , 2009 , 57, 1785-1794	2	10
57	Energetic ions trapped in Saturn's inner magnetosphere. <i>Planetary and Space Science</i> , 2009 , 57, 1723-1731		26
56	Energetic particles in Saturn's magnetosphere during the Cassini nominal mission (July 2004-July 2008). <i>Planetary and Space Science</i> , 2009 , 57, 1754-1768	2	43
55	Sources of rotational signals in Saturn's magnetosphere. <i>Journal of Geophysical Research</i> , 2009 , 114, n/a-n/a		70
54	Ion conics and electron beams associated with auroral processes on Saturn. <i>Journal of Geophysical Research</i> , 2009 , 114, n/a-n/a		72
53	Transient auroral features at Saturn: Signatures of energetic particle injections in the magnetosphere. <i>Journal of Geophysical Research</i> , 2009 , 114, n/a-n/a		33
52	Energetic ion spectral characteristics in the Saturnian magnetosphere using Cassini/MIMI measurements. <i>Journal of Geophysical Research</i> , 2009 , 114, n/a-n/a		103
51	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
50	Saturn's Magnetospheric Configuration 2009 , 203-255		40

49	Comparison of periodic substorms at Jupiter and Earth. <i>Journal of Geophysical Research</i> , 2008 , 113, n/a-n/a		30
48	Discovery of a transient radiation belt at Saturn. <i>Geophysical Research Letters</i> , 2008 , 35,	4.9	51
47	Multi-instrument analysis of electron populations in Saturn's magnetosphere. <i>Journal of Geophysical Research</i> , 2008 , 113, n/a-n/a		290
46	Mass release process in the Jovian magnetosphere: Statistics on particle burst parameters. <i>Journal of Geophysical Research</i> , 2008 , 113,		34
45	A multi-instrument view of tail reconnection at Saturn. <i>Journal of Geophysical Research</i> , 2008 , 113, n/a-n/a		47
44	The dust halo of Saturn's largest icy moon, Rhea. <i>Science</i> , 2008 , 319, 1380-4	33.3	50
43	Plasma and fields in the wake of Rhea: 3-D hybrid simulation and comparison with Cassini data. <i>Annales Geophysicae</i> , 2008 , 26, 619-637	2	46
42	Energetic electron signatures of Saturn's smaller moons: Evidence of an arc of material at Methone. <i>Icarus</i> , 2008 , 193, 455-464	3.8	22
41	Sources and losses of energetic protons in Saturn's magnetosphere. <i>Icarus</i> , 2008 , 197, 519-525	3.8	60
40	New surprises in the largest magnetosphere of our solar system. <i>Science</i> , 2007 , 318, 216-7	33.3	4
39	Energetic electrons injected into Saturn's neutral gas cloud. <i>Geophysical Research Letters</i> , 2007 , 34,	4.9	46
38	Ring current at Saturn: Energetic particle pressure in Saturn's equatorial magnetosphere measured with Cassini/MIMI. <i>Geophysical Research Letters</i> , 2007 , 34,	4.9	76
37	A possible intrinsic mechanism for the quasi-periodic dynamics of the Jovian magnetosphere. <i>Journal of Geophysical Research</i> , 2007 , 112, n/a-n/a		57
36	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		58
35	Electron periodicities in Saturn's outer magnetosphere. <i>Journal of Geophysical Research</i> , 2007 , 112, n/a-n/a		27
34	Evidence for spiral pattern in Saturn's magnetosphere using the new SKR longitudes. <i>Geophysical Research Letters</i> , 2007 , 34, n/a-n/a	4.9	36
33	Spin-period effects in magnetospheres with no axial tilt. <i>Geophysical Research Letters</i> , 2007 , 34,	4.9	22
32	Europa's near-surface radiation environment. <i>Geophysical Research Letters</i> , 2007 , 34,	4.9	36

31	Charged particle periodicities in Saturn's outer magnetosphere. <i>Journal of Geophysical Research</i> , 2007 , 112, n/a-n/a		44
30	A dynamic, rotating ring current around Saturn. <i>Nature</i> , 2007 , 450, 1050-3	50.4	81
29	The source of Saturn's G ring. <i>Science</i> , 2007 , 317, 653-6	33.3	50
28	Enceladus' varying imprint on the magnetosphere of Saturn. <i>Science</i> , 2006 , 311, 1412-5	33.3	56
27	Anti-planetward auroral electron beams at Saturn. <i>Nature</i> , 2006 , 439, 699-702	50.4	37
26	Mass release at Jupiter: Substorm-like processes in the Jovian magnetotail. <i>Journal of Geophysical Research</i> , 2005 , 110,		87
25	Energetic particle injections in Saturn's magnetosphere. <i>Geophysical Research Letters</i> , 2005 , 32, n/a-n/a	4.9	100
24	Energetic ion acceleration in Saturn's magnetotail: Substorms at Saturn?. <i>Geophysical Research Letters</i> , 2005 , 32,	4.9	116
23	In situ observations of a solar wind compression-induced hot plasma injection in Saturn's tail. <i>Geophysical Research Letters</i> , 2005 , 32,	4.9	81
22	Evidence of Enceladus and Tethys microsignatures. <i>Geophysical Research Letters</i> , 2005 , 32,	4.9	26
21	Low energy electron microsignatures at the orbit of Tethys: Cassini MIMI/LEMMS observations. <i>Geophysical Research Letters</i> , 2005 , 32,	4.9	25
20	Jovian plasma sheet morphology: particle and field observations by the Galileo spacecraft. <i>Planetary and Space Science</i> , 2005 , 53, 681-692	2	18
19	Energetic Particles in the Magnetosphere of Saturn and a Comparison with Jupiter. <i>Space Science Reviews</i> , 2005 , 116, 345-369	7.5	10
18	Dynamics of Saturn's magnetosphere from MIMI during Cassini's orbital insertion. <i>Science</i> , 2005 , 307, 1270-3	33.3	158
17	Magnetosphere Imaging Instrument (MIMI) on the Cassini Mission to Saturn/Titan. <i>Space Science Reviews</i> , 2004 , 114, 233-329	7.5	332
16	Changes of the energetic particles characteristics in the inner part of the Jovian magnetosphere: a topological study. <i>Planetary and Space Science</i> , 2004 , 52, 491-498	2	16
15	Magnetosphere Imaging Instrument (MIMI) on the Cassini Mission to Saturn/Titan 2004 , 233-329		13
14	In-situ observations of a neutral gas torus at Europa. <i>Geophysical Research Letters</i> , 2003 , 30,	4.9	54

13	Particle bursts in the Jovian magnetosphere: Evidence for a near-Jupiter neutral line. <i>Geophysical Research Letters</i> , 2002 , 29, 42-1	4.9	88
12	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
11	Local time asymmetry of energetic ion anisotropies in the Jovian magnetosphere. <i>Planetary and Space Science</i> , 2001 , 49, 283-289	2	20
10	Global flows of energetic ions in Jupiter's equatorial plane: First-order approximation. <i>Journal of Geophysical Research</i> , 2001 , 106, 26017-26032		83
9	Plasma sheet dynamics in the Jovian magnetotail: Signatures For substorm-like processes ?. <i>Geophysical Research Letters</i> , 1999 , 26, 2137-2140	4.9	38
8	Energetic particles in the duskside Jovian Magnetosphere. <i>Journal of Geophysical Research</i> , 1999 , 104, 14767-14780		18
7	Determination of the neutral number density in the Io torus from Galileo-EPD measurements. <i>Geophysical Research Letters</i> , 1998 , 25, 4039-4042	4.9	17
6	Quasi-periodic modulations of the Jovian magnetotail. <i>Geophysical Research Letters</i> , 1998 , 25, 1253-1256	4.9	78
5	Energetic particle bursts in the predawn Jovian magnetotail. <i>Geophysical Research Letters</i> , 1998 , 25, 1249-1252	4.9	288
4	Ulysses observations of energetic H ³⁺ ions in Jupiter's magnetosphere. <i>Advances in Space Research</i> , 1997 , 20, 229-232	2.4	4
3	Zebra stripe patterns in energetic ion spectra at Saturn. <i>Geophysical Research Letters</i> ,	4.9	1
2	Galileo/EPD user guide		2
1	The in-situ exploration of Jupiter's radiation belts. <i>Experimental Astronomy</i> , 1	1.3	0