

Denis C Grodent

List of Publications by Year in descending order

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152
papers

6,973
citations

38742

50
h-index

74163

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159
all docs

159
docs citations

159
times ranked

1455
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Mapping the Brightness of Ganymede's Ultraviolet Aurora Using Hubble Space Telescope Observations. <i>Journal of Geophysical Research E: Planets</i> , 2022, 127, .	3.6	3
3	Jupiter's X-ray and UV Dark Polar Region. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	6
4	Morphology of Jupiter's Polar Auroral Bright Spot Emissions via Juno's UVS Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028586.	2.4	5
5	A Statistical Survey of Low-Frequency Magnetic Fluctuations at Saturn. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028387.	2.4	5
6	Are Dawn Storms Jupiter's Auroral Substorms?. <i>AGU Advances</i> , 2021, 2, e2020AV000275.	5.4	25
7	Detection of a Bolide in Jupiter's Atmosphere With Juno UVS. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091797.	4.0	9
8	Variability and Hemispheric Symmetry of the Pedersen Conductance in the Jovian Aurora. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028949.	2.4	1
9	Ultralow-Frequency Waves in Driving Jovian Aurorae Revealed by Observations From HST and Juno. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091579.	4.0	13
10	Detection and Characterization of Circular Expanding UV Emissions Observed in Jupiter's Polar Auroral Regions. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028971.	2.4	4
11	How Jupiter's unusual magnetospheric topology structures its aurora. <i>Science Advances</i> , 2021, 7, .	10.3	31
12	A sublimated water atmosphere on Ganymede detected from Hubble Space Telescope observations. <i>Nature Astronomy</i> , 2021, 5, 1043-1051.	10.1	24
13	Revealing the source of Jupiter's x-ray auroral flares. <i>Science Advances</i> , 2021, 7, .	10.3	25
14	Jupiter's Double-Arc Aurora as a Signature of Magnetic Reconnection: Simultaneous Observations From HST and Juno. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093964.	4.0	3
15	Jupiter's X-ray aurora during UV dawn storms and injections as observed by XMM-Newton, Hubble, and Hisaki. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 1216-1228.	4.4	7
16	Meridional Variations of $C_{2H_{2}}$ in Jupiter's Stratosphere From Juno UVS Observations. <i>Journal of Geophysical Research E: Planets</i> , 2021, 126, e2021JE006928.	3.6	5
17	A Preliminary Study of Magnetosphere-Ionosphere-Thermosphere Coupling at Jupiter: Juno Multi-Instrument Measurements and Modeling Tools. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029469.	2.4	11
18	A Rotating Azimuthally Distributed Auroral Current System on Saturn Revealed by the Cassini Spacecraft. <i>Astrophysical Journal Letters</i> , 2021, 919, L25.	8.3	3

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19	Local Time Dependence of Jupiter's Polar Auroral Emissions Observed by Juno UVS. <i>Journal of Geophysical Research E: Planets</i> , 2021, 126, e2021JE006954.	3.6	9
20	Six Pieces of Evidence Against the Corotation Enforcement Theory to Explain the Main Aurora at Jupiter. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA028152.	2.4	23
21	An attempt to detect transient changes in $10\text{e}^{-10}\text{s}^{-1}\text{SO}^+$ and NaCl atmosphere. <i>Icarus</i> , 2020, 350, 113925.	2.5	16
22	Reconnection- and Dipolarization-Driven Auroral Dawn Storms and Injections. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027663.	2.4	27
23	Possible Transient Luminous Events Observed in Jupiter's Upper Atmosphere. <i>Journal of Geophysical Research E: Planets</i> , 2020, 125, e2020JE006659.	3.6	13
24	An Enhancement of Jupiter's Main Auroral Emission and Magnetospheric Currents. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA027904.	2.4	13
25	Spatial Distribution of the Pedersen Conductance in the Jovian Aurora From Juno UVS Spectral Images. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA028142.	2.4	19
26	Temporal and Spectral Studies by XMM-Newton of Jupiter's X-ray Auroras During a Compression Event. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027676.	2.4	20
27	A Long-Lasting Auroral Spiral Rotating Around Saturn's Pole. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088810.	4.0	4
28	Spatial Variations in the Altitude of the CH_4 Homopause at Jupiter's Mid-to-high Latitudes, as Constrained from IRTF-TEXES Spectra. <i>Planetary Science Journal</i> , 2020, 1, 85.	3.6	9
29	Juno UVS Observation of the Io Footprint During Solar Eclipse. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 5184-5199.	2.4	19
30	Cassini UVIS Detection of Saturn's North Polar Hexagon in the Grand Finale Orbits. <i>Journal of Geophysical Research E: Planets</i> , 2019, 124, 1979-1988.	3.6	5
31	Auroral Beads at Saturn and the Driving Mechanism: Cassini Proximal Orbits. <i>Astrophysical Journal Letters</i> , 2019, 885, L16.	8.3	10
32	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.	4.0	32
33	A brightening of Jupiter's auroral $7.8\text{-}\frac{1}{4}\mu\text{m}$ CH_4 emission during a solar-wind compression. <i>Nature Astronomy</i> , 2019, 3, 607-613.	10.1	17
34	In-flight Characterization and Calibration of the Juno-ultraviolet Spectrograph (Juno-UVS). <i>Astronomical Journal</i> , 2019, 157, 90.	4.7	18
35	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.	2.4	22
36	Jupiter's Aurora Observed With HST During Juno Orbits 3 to 7. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 3299-3319.	2.4	53

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37	Reconnection Acceleration in Saturn's Dayside Magnetodisk: A Multicase Study with Cassini. <i>Astrophysical Journal Letters</i> , 2018, 868, L23.	8.3	15
38	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
39	Bar Code Events in the Juno-UVIS Data: Signature of 10 MeV Electron Microbursts at Jupiter. <i>Geophysical Research Letters</i> , 2018, 45, 12,108.	4.0	14
40	Hubble Space Telescope Observations of Variations in Ganymede's Oxygen Atmosphere and Aurora. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 3777-3793.	2.4	16
41	Auroral Storm and Polar Arcs at Saturn's Final Cassini/UVIS Auroral Observations. <i>Geophysical Research Letters</i> , 2018, 45, 6832-6842.	4.0	10
42	In Situ Observations Connected to the Io Footprint Tail Aurora. <i>Journal of Geophysical Research E: Planets</i> , 2018, 123, 3061-3077.	3.6	48
43	Recurrent Magnetic Dipolarization at Saturn: Revealed by Cassini. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 8502-8517.	2.4	14
44	Concurrent ultraviolet and infrared observations of the north Jovian aurora during Juno's first perijove. <i>Icarus</i> , 2018, 312, 145-156.	2.5	18
45	Juno observations of spot structures and a split tail in Io-induced aurorae on Jupiter. <i>Science</i> , 2018, 361, 774-777.	12.6	53
46	Evidence for Auroral Emissions From Callisto's Footprint in HST UV Images. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 364-373.	2.4	23
47	Rotationally driven magnetic reconnection in Saturn's dayside. <i>Nature Astronomy</i> , 2018, 2, 640-645.	10.1	32
48	In-flight characterization and calibration of the Juno-Ultraviolet Spectrograph (Juno-UVS). , 2018, , .		2
49	Statistical study of Saturn's auroral electron properties with Cassini/UVIS FUV spectral images. <i>Icarus</i> , 2017, 284, 264-283.	2.5	19
50	Similarity of the Jovian satellite footprints: Spots multiplicity and dynamics. <i>Icarus</i> , 2017, 292, 208-217.	2.5	23
51	Transient brightening of Jupiter's aurora observed by the Hisaki satellite and Hubble Space Telescope during approach phase of the Juno spacecraft. <i>Geophysical Research Letters</i> , 2017, 44, 4523-4531.	4.0	30
52	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
53	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.	4.0	68
54	Morphology of the UV aurorae Jupiter during Juno's first perijove observations. <i>Geophysical Research Letters</i> , 2017, 44, 4463-4471.	4.0	54

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55	Junoâ€™s approach observations of Jupiter's auroras. <i>Geophysical Research Letters</i> , 2017, 44, 7668-7675.	4.0	25
56	An explanation of auroral intensification during the substorm expansion phase. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 8560-8576.	2.4	10
57	The tails of the satellite auroral footprints at Jupiter. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 7985-7996.	2.4	57
58	Two fundamentally different drivers of dipolarizations at Saturn. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 4348-4356.	2.4	22
59	An isolated, bright cusp aurora at Saturn. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 6121-6138.	2.4	9
60	Stagnation of Saturn's auroral emission at noon. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 6078-6087.	2.4	7
61	Mechanisms of Saturn's Nearâ€™Noon Transient Aurora: In Situ Evidence From Cassini Measurements. <i>Geophysical Research Letters</i> , 2017, 44, 11,217.	4.0	10
62	Corotating Magnetic Reconnection Site in Saturnâ€™s Magnetosphere. <i>Astrophysical Journal Letters</i> , 2017, 846, L25.	8.3	23
63	Dawn Auroral Breakup at Saturn Initiated by Auroral Arcs: UVIS/Cassini Beginning of Grand Finale Phase. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 12,111.	2.4	8
64	The Ultraviolet Spectrograph on NASAâ€™s Juno Mission. <i>Space Science Reviews</i> , 2017, 213, 447-473.	8.1	109
65	Pulsations of the polar cusp aurora at Saturn. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 11,952.	2.4	13
66	The color ratio-intensity relation in the Jovian aurora: Hubble observations of auroral components. <i>Planetary and Space Science</i> , 2016, 131, 14-23.	1.7	13
67	Dynamics of the flares in the active polar region of Jupiter. <i>Geophysical Research Letters</i> , 2016, 43, 11,963.	4.0	19
68	Characteristics of north jovian aurora from STIS FUV spectral images. <i>Icarus</i> , 2016, 268, 215-241.	2.5	38
69	A multi-scale magnetotail reconnection event at Saturn and associated flows: Cassini/UVIS observations. <i>Icarus</i> , 2016, 263, 75-82.	2.5	21
70	Auroral spirals at Saturn. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 8633-8643.	2.4	9
71	The far-ultraviolet main auroral emission at Jupiter â€™ Part 1: Dawnâ€™dusk brightness asymmetries. <i>Annales Geophysicae</i> , 2015, 33, 1203-1209.	1.6	22
72	The far-ultraviolet main auroral emission at Jupiter â€™ Part 2: Vertical emission profile. <i>Annales Geophysicae</i> , 2015, 33, 1211-1219.	1.6	12

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73	Magnetosphere-ionosphere mapping at Jupiter: Quantifying the effects of using different internal field models. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 2584-2599.	2.4	35
74	A Brief Review of Ultraviolet Auroral Emissions on Giant Planets. <i>Space Science Reviews</i> , 2015, 187, 23-50.	8.1	112
75	Transient small-scale structure in the main auroral emission at Jupiter. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 9931-9938.	2.4	12
76	Saturn's elusive nightside polar arc. <i>Geophysical Research Letters</i> , 2014, 41, 6321-6328.	4.0	15
77	Jupiter's equatorward auroral features: Possible signatures of magnetospheric injections. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 10,068.	2.4	35
78	Dynamic auroral storms on Saturn as observed by the Hubble Space Telescope. <i>Geophysical Research Letters</i> , 2014, 41, 3323-3330.	4.0	43
79	Mapping the electron energy in Jupiter's aurora: Hubble spectral observations. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 9072-9088.	2.4	47
80	Cassini nightside observations of the oscillatory motion of Saturn's northern auroral oval. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 3528-3543.	2.4	17
81	Cusp observation at Saturn's high-latitude magnetosphere by the Cassini spacecraft. <i>Geophysical Research Letters</i> , 2014, 41, 1382-1388.	4.0	34
82	Hubble observations of Jupiter's north-south conjugate ultraviolet aurora. <i>Icarus</i> , 2013, 226, 1559-1567.	2.5	20
83	Auroral counterpart of magnetic field dipolarizations in Saturn's tail. <i>Planetary and Space Science</i> , 2013, 82-83, 34-42.	1.7	53
84	Evolution of the Io footprint brightness I: Far-UV observations. <i>Planetary and Space Science</i> , 2013, 88, 64-75.	1.7	32
85	Effects of methane on giant planet's UV emissions and implications for the auroral characteristics. <i>Journal of Molecular Spectroscopy</i> , 2013, 291, 108-117.	1.2	24
86	Evolution of the Io footprint brightness II: Modeling. <i>Planetary and Space Science</i> , 2013, 88, 76-85.	1.7	23
87	Remote sensing of the energy of auroral electrons in Saturn's atmosphere: Hubble and Cassini spectral observations. <i>Icarus</i> , 2013, 223, 211-221.	2.5	11
88	Signatures of magnetospheric injections in Saturn's aurora. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 1922-1933.	2.4	32
89	The multiple spots of the Ganymede auroral footprint. <i>Geophysical Research Letters</i> , 2013, 40, 4977-4981.	4.0	31
90	Auroral signatures of multiple magnetopause reconnection at Saturn. <i>Geophysical Research Letters</i> , 2013, 40, 4498-4502.	4.0	50

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91	Bursty magnetic reconnection at Saturn's magnetopause. <i>Geophysical Research Letters</i> , 2013, 40, 1027-1031.	4.0	73
92	Auroral evidence of Io's control over the magnetosphere of Jupiter. <i>Geophysical Research Letters</i> , 2012, 39, .	4.0	111
93	Conversion from HST ACS and STIS auroral counts into brightness, precipitated power, and radiated power for H ₂ giant planets. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	60
94	Quasi-periodic polar flares at Jupiter: A signature of pulsed dayside reconnections?. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	4.0	53
95	Improved mapping of Jupiter's auroral features to magnetospheric sources. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	98
96	Nightside reconnection at Jupiter: Auroral and magnetic field observations from 26 July 1998. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	43
97	Model of the Jovian magnetic field topology constrained by the Io auroral emissions. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	100
98	Bifurcations of the main auroral ring at Saturn: ionospheric signatures of consecutive reconnection events at the magnetopause. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	69
99	Small-scale structures in Saturn's ultraviolet aurora. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	55
100	HUBBLE SPACE TELESCOPE/ADVANCED CAMERA FOR SURVEYS OBSERVATIONS OF EUROPA'S ATMOSPHERIC ULTRAVIOLET EMISSION AT EASTERN ELONGATION. <i>Astrophysical Journal</i> , 2011, 738, 153.	4.5	34
101	The auroral footprint of Enceladus on Saturn. <i>Nature</i> , 2011, 472, 331-333.	27.8	82
102	Location and spatial shape of electron beams in Io's wake. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	29
103	Auroral signatures of flow bursts released during magnetotail reconnection at Jupiter. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	32
104	On the origin of Saturn's outer auroral emission. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	44
105	Observations of Jovian polar auroral filaments. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	37
106	Equatorward diffuse auroral emissions at Jupiter: Simultaneous HST and Galileo observations. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	40
107	Saturn's equinoctial auroras. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	37
108	Variation of different components of Jupiter's auroral emission. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	95

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109	Auroral footprint of Ganymede. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	44
110	The Io UV footprint: Location, inter-spot distances and tail vertical extent. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	77
111	Altitude of Saturn's aurora and its implications for the characteristic energy of precipitated electrons. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	81
112	Response of Jupiter's and Saturn's auroral activity to the solar wind. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	161
113	UV Io footprint leading spot: A key feature for understanding the UV Io footprint multiplicity?. <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	84
114	Auroral polar dawn spots: Signatures of internally driven reconnection processes at Jupiter's magnetotail. <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	53
115	Spectral morphology of the X-ray emission from Jupiter's aurorae. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	75
116	Jupiter's changing auroral location. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	41
117	Discontinuity in Jupiter's main auroral oval. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	52
118	Auroral evidence of a localized magnetic anomaly in Jupiter's northern hemisphere. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	89
119	Origin of Saturn's aurora: Simultaneous observations by Cassini and the Hubble Space Telescope. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	127
120	Oscillation of Saturn's southern auroral oval. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	88
121	Auroral current systems in Saturn's magnetosphere: comparison of theoretical models with Cassini and HST observations. <i>Annales Geophysicae</i> , 2008, 26, 2613-2630.	1.6	60
122	Ultraviolet Io footprint short timescale dynamics. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	20
123	Response of Jupiter's UV auroras to interplanetary conditions as observed by the Hubble Space Telescope during the Cassini flyby campaign. <i>Journal of Geophysical Research</i> , 2007, 112, n/a-n/a.	3.3	66
124	Europa's FUV auroral tail on Jupiter. <i>Geophysical Research Letters</i> , 2006, 33, .	4.0	29
125	Morphology of the ultraviolet Io footprint emission and its control by Io's location. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	50
126	Characteristics of Jovian morning bright FUV aurora from Hubble Space Telescope/Space Telescope Imaging Spectrograph imaging and spectral observations. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	48

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127	Saturn's auroral morphology and activity during quiet magnetospheric conditions. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	35
128	A statistical analysis of the location and width of Saturn's southern auroras. <i>Annales Geophysicae</i> , 2006, 24, 3533-3545.	1.6	82
129	Cassini UVIS observations of Jupiter's auroral variability. <i>Icarus</i> , 2005, 178, 312-326.	2.5	39
130	Morphological differences between Saturn's ultraviolet aurorae and those of Earth and Jupiter. <i>Nature</i> , 2005, 433, 717-719.	27.8	155
131	Solar wind dynamic pressure and electric field as the main factors controlling Saturn's aurorae. <i>Nature</i> , 2005, 433, 720-722.	27.8	126
132	An Earth-like correspondence between Saturn's auroral features and radio emission. <i>Nature</i> , 2005, 433, 722-725.	27.8	104
133	Simultaneous Chandra X ray, Hubble Space Telescope ultraviolet, and Ulysses radio observations of Jupiter's aurora. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	149
134	Reconnection in a rotation-dominated magnetosphere and its relation to Saturn's auroral dynamics. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	151
135	Variable morphology of Saturn's southern ultraviolet aurora. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	96
136	Signature of Saturn's auroral cusp: Simultaneous Hubble Space Telescope FUV observations and upstream solar wind monitoring. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	52
137	Open flux estimates in Saturn's magnetosphere during the January 2004 Cassini-HST campaign, and implications for reconnection rates. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	92
138	Jovian auroral spectroscopy with FUSE: analysis of self-absorption and implications for electron precipitation. <i>Icarus</i> , 2004, 171, 336-355.	2.5	39
139	A possible auroral signature of a magnetotail reconnection process on Jupiter. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	64
140	Energy-flux relationship in the FUV Jovian aurora deduced from HST-STIS spectral observations. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	55
141	Characteristics of Saturn's FUV aurora observed with the Space Telescope Imaging Spectrograph. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	84
142	Spectral observations of transient features in the FUV Jovian polar aurora. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	35
143	Jupiter's main auroral oval observed with HST-STIS. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	157
144	Jupiter's polar auroral emissions. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	135

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145	Excitation of the FLUV Io tail on Jupiter: Characterization of the electron precipitation. Journal of Geophysical Research, 2002, 107, SMP 30-1.	3.3	59
146	A pulsating auroral X-ray hot spot on Jupiter. Nature, 2002, 415, 1000-1003.	27.8	183
147	Transient aurora on Jupiter from injections of magnetospheric electrons. Nature, 2002, 415, 1003-1005.	27.8	98
148	Ultraviolet emissions from the magnetic footprints of Io, Ganymede and Europa on Jupiter. Nature, 2002, 415, 997-1000.	27.8	203
149	A self-consistent model of the Jovian auroral thermal structure. Journal of Geophysical Research, 2001, 106, 12933-12952.	3.3	169
150	Diagnostics of the Jovian Aurora Deduced from Ultraviolet Spectroscopy: Model and HST/GHRS Observations. Icarus, 2000, 147, 251-266.	2.5	38
151	Simultaneous observations of the Saturnian aurora and polar haze with the HST/FOC. Geophysical Research Letters, 1995, 22, 2685-2688.	4.0	44
152	A Remarkable Auroral Event on Jupiter Observed in the Ultraviolet with the Hubble Space Telescope. Science, 1994, 266, 1675-1678.	12.6	55