J-C GÃ©rard

List of Publications by Year
in descending order

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327 papers	13,117 citations	22099 59 h-index	43802 91 g-index

345 all docs	345 docs citations	345 times ranked	4406 citing authors

#	Article	IF	Citations
1	Discrete Aurora at Mars: Dependence on Upstream Solar Wind Conditions. Journal of Geophysical Research: Space Physics, 2022, 127, .	0.8	7
2	Observations and Modeling of Martian Auroras. Space Science Reviews, 2022, 218, .	3.7	1
3	Density and Temperature of the Upper Mesosphere and Lower Thermosphere of Mars Retrieved From the OI 557.7Ânm Dayglow Measured by TGO/NOMAD. Journal of Geophysical Research E: Planets, 2022, 127, .	1.5	6
4	The Mars Oxygen Visible Dayglow: A Martian Year of NOMAD/UVIS Observations. Journal of Geophysical Research E: Planets, 2022, 127, .	1.5	2
5	Planetâ€Wide Ozone Destruction in the Middle Atmosphere on Mars During Global Dust Storm. Geophysical Research Letters, 2022, 49, .	1.5	7
6	Laboratory Study of the Cameron Bands, the First Negative Bands, and Fourth Positive Bands in the Middle Ultraviolet 180â€“280Ânm by Electron Impact Upon CO. Journal of Geophysical Research E: Planets, 2021, 126, .	1.5	7
7	Morphology of Jupiter's Polar Auroral Bright Spot Emissions via Junoâ€UVS Observations. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028586.	0.8	5
8	Are Dawn Storms Jupiter's Auroral Substorms?. AGU Advances, 2021, 2, e2020AV000275.	2.3	25
9	Detection of a Bolide in Jupiter's Atmosphere With Juno UVS. Geophysical Research Letters, 2021, 48, e2020GL091797.	1.5	9
10	Variability and Hemispheric Symmetry of the Pedersen Conductance in the Jovian Aurora. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028949.	0.8	1
11	Detection and Characterization of Circular Expanding UVâ€Emissions Observed in Jupiter's Polar Auroral Regions. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028971.	0.8	4
12	First Observation of the Oxygen 630Ânm Emission in the Martian Dayglow. Geophysical Research Letters, 2021, 48, e2020GL092334.	1.5	8
13	Discrete Aurora on Mars: Spectral Properties, Vertical Profiles, and Electron Energies. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029495.	0.8	12
14	A Preliminary Study of Magnetosphereâ€Ionosphereâ€Thermosphere Coupling at Jupiter: Juno Multiâ€Instrument Measurements and Modeling Tools. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029469.	0.8	11
15	Discrete Aurora on Mars: Insights Into Their Distribution and Activity From MAVEN/IUVS Observations. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029428.	0.8	20
16	First ICONâ€FUV Nighttime NmF2 and hmF2 Comparison to Ground and Spaceâ€Based Measurements. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029360.	0.8	11
17	Local Time Dependence of Jupiter's Polar Auroral Emissions Observed by Juno UVS. Journal of Geophysical Research E: Planets, 2021, 126, e2021JE006954.	1.5	9
18	Imaging of Martian Circulation Patterns and Atmospheric Tides Through MAVEN/IUVS Nightglow Observations. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027318.	0.8	13

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19	Possible Transient Luminous Events Observed in Jupiter's Upper Atmosphere. Journal of Geophysical Research E: Planets, 2020, 125, e2020JE006659.	1.5	13
20	Spatial Distribution of the Pedersen Conductance in the Jovian Aurora From Junoâ€UVS Spectral Images. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA028142.	0.8	19
21	Isobar Altitude Variations in the Upper Mesosphere Observed With IUVSâ€MAVEN in Response to Martian Dust Storms. Geophysical Research Letters, 2020, 47, e2020GL087468.	1.5	4
22	Detection of green line emission in the dayside atmosphere of Mars from NOMAD-TGO observations. Nature Astronomy, 2020, 4, 1049-1052.	4.2	13
23	Airglow remote sensing of the seasonal variation of the Martian upper atmosphere: MAVEN limb observations and model comparison. Icarus, 2020, 341, 113666.	1.1	11
24	A Longâ€Lasting Auroral Spiral Rotating Around Saturn's Pole. Geophysical Research Letters, 2020, 47, e2020GL088810.	1.5	4
25	Junoâ€UVS Observation of the Io Footprint During Solar Eclipse. Journal of Geophysical Research: Space Physics, 2019, 124, 5184-5199.	0.8	19
26	MAVENâ€IUVS Observations of the CO₂⁺ UV Doublet and CO Cameron Bands in the Martian Thermosphere: Aeronomy, Seasonal, and Latitudinal Distribution. Journal of Geophysical Research: Space Physics, 2019, 124, 5816-5827.	0.8	18
27	Cassini UVIS Detection of Saturn's North Polar Hexagon in the Grand Finale Orbits. Journal of Geophysical Research E: Planets, 2019, 124, 1979-1988.	1.5	5
28	Auroral Beads at Saturn and the Driving Mechanism: Cassini Proximal Orbits. Astrophysical Journal Letters, 2019, 885, L16.	3.0	10
29	On the Relation Between Jovian Aurorae and the Loading/Unloading of the Magnetic Flux: Simultaneous Measurements From Juno, Hubble Space Telescope, and Hisaki. Geophysical Research Letters, 2019, 46, 11632-11641.	1.5	32
30	The OIâ€135.6Ânm Nighttime Emission in ICONâ€FUV Images: A New Tool for the Observation of Classical Mediumâ€Scale Traveling Ionospheric Disturbances?. Journal of Geophysical Research: Space Physics, 2019, 124, 7670-7686.	0.8	2
31	Kinetic Monte Carlo Model for the Precipitation of High-Energy Protons and Hydrogen Atoms into the Atmosphere of Mars with Taking into Account the Measured Magnetic Field. Astronomy Reports, 2019, 63, 835-845.	0.2	12
32	H3+ characteristics in the Jupiter atmosphere as observed at limb with Juno/JIRAM. Icarus, 2019, 329, 132-139.	1.1	11
33	Characteristics of Mars UV Dayglow Emissions From Atomic Oxygen at 130.4 and 135.6 nm: MAVEN/IUVS Limb Observations and Modeling. Journal of Geophysical Research: Space Physics, 2019, 124, 4809-4832.	0.8	12
34	UV Study of the Fourth Positive Band System of CO and O <scp>i</scp> 135.6Ânm From Electron Impact on CO and CO₂. Journal of Geophysical Research: Space Physics, 2019, 124, 2954-2977.	0.8	12
35	No detection of methane on Mars from early ExoMars Trace Gas Orbiter observations. Nature, 2019, 568, 517-520.	13.7	111
36	Martian dust storm impact on atmospheric H2O and D/H observed by ExoMars Trace Gas Orbiter. Nature, 2019, 568, 521-525.	13.7	107

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37	In-flight Characterization and Calibration of the Juno-ultraviolet Spectrograph (Juno-UVS). Astronomical Journal, 2019, 157, 90.	1.9	18
38	Contemporaneous Observations of Jovian Energetic Auroral Electrons and Ultraviolet Emissions by the Juno Spacecraft. Journal of Geophysical Research: Space Physics, 2019, 124, 8298-8317.	0.8	22
39	Lyman-Î± emission in the Martian proton aurora: Line profile and role of horizontal induced magnetic field. Icarus, 2019, 321, 266-271.	1.1	17
40	The Atmospheric Chemistry Suite (ACS) of Three Spectrometers for the ExoMars 2016 Trace Gas Orbiter. Space Science Reviews, 2018, 214, 1.	3.7	119
41	Investigations of the Mars Upper Atmosphere with ExoMars Trace Gas Orbiter. Space Science Reviews, 2018, 214, 1.	3.7	13
42	Jupiter's Aurora Observed With HST During Juno Orbits 3 to 7. Journal of Geophysical Research: Space Physics, 2018, 123, 3299-3319.	0.8	53
43	Temperature estimation from hydroxyl airglow emission in the Venus night side mesosphere. Icarus, 2018, 300, 386-391.	1.1	1
44	The Ionospheric Connection Explorer Mission: Mission Goals and Design. Space Science Reviews, 2018, 214, 1.	3.7	152
45	Bar Code Events in the Junoâ€UVS Data: Signature â^¼10ÂMeV Electron Microbursts at Jupiter. Geophysical Research Letters, 2018, 45, 12,108.	1.5	14
46	The O(¹S) 297.2â€nm Dayglow Emission: A Tracer of CO₂ Density Variations in the Martian Lower Thermosphere. Journal of Geophysical Research E: Planets, 2018, 123, 3119-3132.	1.5	14
47	Hubble Space Telescope Observations of Variations in Ganymede's Oxygen Atmosphere and Aurora. Journal of Geophysical Research: Space Physics, 2018, 123, 3777-3793.	0.8	16
48	Auroral Storm and Polar Arcs at Saturnâ€"Final Cassini/UVIS Auroral Observations. Geophysical Research Letters, 2018, 45, 6832-6842.	1.5	10
49	A chemical survey of exoplanets with ARIEL. Experimental Astronomy, 2018, 46, 135-209.	1.6	249
50	The Largest Electron Differential Energy Flux Observed at Mars by the Mars Express Spacecraft, 2004-2016. Journal of Geophysical Research: Space Physics, 2018, 123, 6576-6590.	0.8	0
51	Recurrent Magnetic Dipolarization at Saturn: Revealed by Cassini. Journal of Geophysical Research: Space Physics, 2018, 123, 8502-8517.	0.8	14
52	NOMAD, an Integrated Suite of Three Spectrometers for the ExoMars Trace Gas Mission: Technical Description, Science Objectives and Expected Performance. Space Science Reviews, 2018, 214, 1.	3.7	95
53	Concurrent ultraviolet and infrared observations of the north Jovian aurora during Juno's first perijove. Icarus, 2018, 312, 145-156.	1.1	18
54	Juno observations of spot structures and a split tail in Io-induced aurorae on Jupiter. Science, 2018, 361, 774-777.	6.0	53

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55	Monte Carlo Simulations of the Interaction of Fast Proton and Hydrogen Atoms With the Martian Atmosphere and Comparison With In Situ Measurements. Journal of Geophysical Research: Space Physics, 2018, 123, 5850-5861.	0.8	15
56	Observations of the Proton Aurora on Mars With SPICAM on Board Mars Express. Geophysical Research Letters, 2018, 45, 612-619.	1.5	32
57	Evidence for Auroral Emissions From Callisto's Footprint in HST UV Images. Journal of Geophysical Research: Space Physics, 2018, 123, 364-373.	0.8	23
58	In-flight characterization and calibration of the Juno-Ultraviolet Spectrograph (Juno-UVS). , 2018, , .		2
59	Similarity of the Jovian satellite footprints: Spots multiplicity and dynamics. Icarus, 2017, 292, 208-217.	1.1	23
60	The Mars diffuse aurora: A model of ultraviolet and visible emissions. Icarus, 2017, 288, 284-294.	1.1	20
61	The thermal structure of the Venus atmosphere: Intercomparison of Venus Express and ground based observations of vertical temperature and density profiles. Icarus, 2017, 294, 124-155.	1.1	34
62	Jupiterâ€™s magnetosphere and aurorae observed by the Juno spacecraft during its first polar orbits. Science, 2017, 356, 826-832.	6.0	109
63	Infrared observations of Jovian aurora from Juno's first orbits: Main oval and satellite footprints. Geophysical Research Letters, 2017, 44, 5308-5316.	1.5	30
64	Preliminary JIRAM results from Juno polar observations: 2. Analysis of the Jupiter southern H₃⁺ emissions and comparison with the north aurora. Geophysical Research Letters, 2017, 44, 4633-4640.	1.5	20
65	Preliminary JIRAM results from Juno polar observations: 1. Methodology and analysis applied to the Jovian northern polar region. Geophysical Research Letters, 2017, 44, 4625-4632.	1.5	18
66	Response of Jupiter's auroras to conditions in the interplanetary medium as measured by the Hubble Space Telescope and Juno. Geophysical Research Letters, 2017, 44, 7643-7652.	1.5	68
67	Morphology of the UV aurorae Jupiter during Juno's first perijove observations. Geophysical Research Letters, 2017, 44, 4463-4471.	1.5	54
68	Junoâ€UVS approach observations of Jupiter's auroras. Geophysical Research Letters, 2017, 44, 7668-7675.	1.5	25
69	Preliminary JIRAM results from Juno polar observations: 3. Evidence of diffuse methane presence in the Jupiter auroral regions. Geophysical Research Letters, 2017, 44, 4641-4648.	1.5	13
70	Nitric oxide nightglow and Martian mesospheric circulation from MAVEN/IUVS observations and LMDâ€MGCM predictions. Journal of Geophysical Research: Space Physics, 2017, 122, 5782-5797.	0.8	36
71	Changes in the Martian atmosphere induced by auroral electron precipitation. Solar System Research, 2017, 51, 362-372.	0.3	2
72	SPICAM on Mars Express: A 10 year in-depth survey of the Martian atmosphere. Icarus, 2017, 297, 195-216.	1.1	64

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73	The tails of the satellite auroral footprints at Jupiter. Journal of Geophysical Research: Space Physics, 2017, 122, 7985-7996.	0.8	57
74	Influence of the crustal magnetic field on the Mars aurora electron flux and UV brightness. Icarus, 2017, 282, 127-135.	1.1	17
75	Stagnation of Saturn's auroral emission at noon. Journal of Geophysical Research: Space Physics, 2017, 122, 6078-6087.	0.8	7
76	Mechanisms of Saturn's Nearâ€Noon Transient Aurora: In Situ Evidence From Cassini Measurements. Geophysical Research Letters, 2017, 44, 11,217.	1.5	10
77	Aeronomy of the Venus Upper Atmosphere. Space Science Reviews, 2017, 212, 1617-1683.	3.7	33
78	Corotating Magnetic Reconnection Site in Saturnâ€™s Magnetosphere. Astrophysical Journal Letters, 2017, 846, L25.	3.0	23
79	Dawn Auroral Breakup at Saturn Initiated by Auroral Arcs: UVIS/Cassini Beginning of Grand Finale Phase. Journal of Geophysical Research: Space Physics, 2017, 122, 12,111.	0.8	8
80	The Ultraviolet Spectrograph on NASAâ€™s Juno Mission. Space Science Reviews, 2017, 213, 447-473.	3.7	109
81	Magnetic reconnection during steady magnetospheric convection and other magnetospheric modes. Annales Geophysicae, 2017, 35, 505-524.	0.6	6
82	Pulsations of the polar cusp aurora at Saturn. Journal of Geophysical Research: Space Physics, 2016, 121, 11,952.	0.8	13
83	The color ratio-intensity relation in the Jovian aurora: Hubble observations of auroral components. Planetary and Space Science, 2016, 131, 14-23.	0.9	13
84	Analytical estimate for lowâ€altitude ENA emissivity. Journal of Geophysical Research: Space Physics, 2016, 121, 1167-1191.	0.8	9
85	Dynamics of the flares in the active polar region of Jupiter. Geophysical Research Letters, 2016, 43, 11,963.	1.5	19
86	SPICAM observations and modeling of Mars aurorae. Icarus, 2016, 264, 398-406.	1.1	52
87	Scientific problems addressed by the Spektr-UV space project (world space Observatoryâ€”Ultraviolet). Astronomy Reports, 2016, 60, 1-42.	0.2	63
88	A multi-scale magnetotail reconnection event at Saturn and associated flows: Cassini/UVIS observations. Icarus, 2016, 263, 75-82.	1.1	21
89	Concurrent observations of ultraviolet aurora and energetic electron precipitation with Mars Express. Journal of Geophysical Research: Space Physics, 2015, 120, 6749-6765.	0.8	37
90	Ten years of Martian nitric oxide nightglow observations. Geophysical Research Letters, 2015, 42, 720-725.	1.5	29

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91	Nonthermal radiative transfer of oxygen 98.9â€‰nm ultraviolet emission: Solving an old mystery. Journal of Geophysical Research: Space Physics, 2015, 120, 10,772.	0.8	3
92	Auroral spirals at Saturn. Journal of Geophysical Research: Space Physics, 2015, 120, 8633-8643.	0.8	9
93	The EChO science case. Experimental Astronomy, 2015, 40, 329-391.	1.6	31
94	Terrestrial <scp>OH</scp> nightglow measurements during the <scp>Rosetta</scp> flyby. Geophysical Research Letters, 2015, 42, 5670-5677.	1.5	7
95	The far-ultraviolet main auroral emission at Jupiter â€“ Part 1: Dawnâ€“dusk brightness asymmetries. Annales Geophysicae, 2015, 33, 1203-1209.	0.6	22
96	The far-ultraviolet main auroral emission at Jupiter â€“ Part 2: Vertical emission profile. Annales Geophysicae, 2015, 33, 1211-1219.	0.6	12
97	MONTE CARLO SIMULATION OF METASTABLE OXYGEN PHOTOCHEMISTRY IN COMETARY ATMOSPHERES. Astrophysical Journal, 2015, 798, 21.	1.6	5
98	Is the O2(a1Î”g) Venus nightglow emission controlled by solar activity?. Icarus, 2015, 262, 170-172.	1.1	22
99	Science objectives and performances of NOMAD, a spectrometer suite for the ExoMars TGO mission. Planetary and Space Science, 2015, 119, 233-249.	0.9	77
100	Mars thermospheric scale height: CO Cameron and CO2+ dayglow observations from Mars Express. Icarus, 2015, 245, 295-305.	1.1	29
101	Saturn's elusive nightside polar arc. Geophysical Research Letters, 2014, 41, 6321-6328.	1.5	15
102	Jupiter's equatorward auroral features: Possible signatures of magnetospheric injections. Journal of Geophysical Research: Space Physics, 2014, 119, 10,068.	0.8	35
103	Dynamic auroral storms on Saturn as observed by the Hubble Space Telescope. Geophysical Research Letters, 2014, 41, 3323-3330.	1.5	43
104	Time variations of O2(a1Î”) nightglow spots on the Venus nightside and dynamics of the upper mesosphere. Icarus, 2014, 237, 306-314.	1.1	17
105	Isolating auroral FUV emission lines using compact, broadband instrumentation. Planetary and Space Science, 2014, 103, 291-298.	0.9	1
106	Latitudinal structure of the Venus O2 infrared airglow: A signature of small-scale dynamical processes in the upper atmosphere. Icarus, 2014, 236, 92-103.	1.1	11
107	Open flux in Saturnâ€™s magnetosphere. Icarus, 2014, 231, 137-145.	1.1	43
108	Mapping the electron energy in Jupiter's aurora: Hubble spectral observations. Journal of Geophysical Research: Space Physics, 2014, 119, 9072-9088.	0.8	47

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109	The Ultraviolet Spectrograph on NASAâ€™s Juno Mission. , 2014, , 325-351.		2
110	Hubble observations of Jupiterâ€™s northâ€“south conjugate ultraviolet aurora. Icarus, 2013, 226, 1559-1567.	1.1	20
111	Evolution of the Io footprint brightness I: Far-UV observations. Planetary and Space Science, 2013, 88, 64-75.	0.9	32
112	Venus nitric oxide nightglow mapping from SPICAV nadir observations. Icarus, 2013, 226, 428-436.	1.1	35
113	Effects of methane on giant planetâ€™s UV emissions and implications for the auroral characteristics. Journal of Molecular Spectroscopy, 2013, 291, 108-117.	0.4	24
114	The characteristics of the O2 Herzberg II and Chamberlain bands observed with VIRTIS/Venus Express. Icarus, 2013, 223, 609-614.	1.1	31
115	Oxygen nightglow emissions of Venus: Vertical distribution and collisional quenching. Icarus, 2013, 223, 602-608.	1.1	13
116	Comparative analysis of airglow emissions in terrestrial planets, observed with VIRTIS-M instruments on board Rosetta and Venus Express. Icarus, 2013, 226, 1115-1127.	1.1	11
117	Evolution of the Io footprint brightness II: Modeling. Planetary and Space Science, 2013, 88, 76-85.	0.9	23
118	Remote sensing of the energy of auroral electrons in Saturnâ€™s atmosphere: Hubble and Cassini spectral observations. Icarus, 2013, 223, 211-221.	1.1	11
119	Signatures of magnetospheric injections in Saturn's aurora. Journal of Geophysical Research: Space Physics, 2013, 118, 1922-1933.	0.8	32
120	He²⁺ transport in the Martian upper atmosphere with an induced magnetic field. Journal of Geophysical Research: Space Physics, 2013, 118, 1231-1242.	0.8	8
121	The multiple spots of the Ganymede auroral footprint. Geophysical Research Letters, 2013, 40, 4977-4981.	1.5	31
122	Auroral signatures of multiple magnetopause reconnection at Saturn. Geophysical Research Letters, 2013, 40, 4498-4502.	1.5	50
123	Jupiter's aurora in ultraviolet and infrared: Simultaneous observations with the Hubble Space Telescope and the NASA Infrared Telescope Facility. Journal of Geophysical Research: Space Physics, 2013, 118, 2286-2295.	0.8	24
124	The OH Venus nightglow spectrum: Intensity and vibrational composition from VIRTISâ€”Venus Express observations. Planetary and Space Science, 2012, 73, 387-396.	0.9	32
125	Cassini-UVIS observation of dayglow FUV emissions of carbon in the thermosphere of Venus. Icarus, 2012, 220, 635-646.	1.1	29
126	The vertical distribution of the Venus NO nightglow: Limb profiles inversion and one-dimensional modeling. Icarus, 2012, 220, 981-989.	1.1	13

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127	Auroral evidence of Io's control over the magnetosphere of Jupiter. Geophysical Research Letters, 2012, 39, .	1.5	111
128	Conversion from HST ACS and STIS auroral counts into brightness, precipitated power, and radiated power for H₂ giant planets. Journal of Geophysical Research, 2012, 117, .	3.3	60
129	Atomic oxygen on the Venus nightside: Global distribution deduced from airglow mapping. Icarus, 2012, 217, 849-855.	1.1	50
130	Atomic oxygen distributions in the Venus thermosphere: Comparisons between Venus Express observations and global model simulations. Icarus, 2012, 217, 759-766.	1.1	30
131	Spatial correlation of OH Meinel and O2 infrared atmospheric nightglow emissions observed with VIRTIS-M on board Venus Express. Icarus, 2012, 217, 813-817.	1.1	30
132	Quasi-periodic polar flares at Jupiter: A signature of pulsed dayside reconnections?. Geophysical Research Letters, 2011, 38, n/a-n/a.	1.5	53
133	Nightside reconnection at Jupiter: Auroral and magnetic field observations from 26 July 1998. Journal of Geophysical Research, 2011, 116, .	3.3	43
134	Bifurcations of the main auroral ring at Saturn: ionospheric signatures of consecutive reconnection events at the magnetopause. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	69
135	Small-scale structures in Saturn's ultraviolet aurora. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	55
136	Proton and hydrogen atom transport in the Martian upper atmosphere with an induced magnetic field. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	35
137	HUBBLE SPACE TELESCOPE/ADVANCED CAMERA FOR SURVEYS OBSERVATIONS OF EUROPA'S ATMOSPHERIC ULTRAVIOLET EMISSION AT EASTERN ELONGATION. Astrophysical Journal, 2011, 738, 153.	1.6	34
138	The auroral footprint of Enceladus on Saturn. Nature, 2011, 472, 331-333.	13.7	82
139	Measurements of the helium 584Ã... airglow during the Cassini flyby of Venus. Planetary and Space Science, 2011, 59, 1524-1528.	0.9	23
140	A layer of ozone detected in the nightside upper atmosphere of Venus. Icarus, 2011, 216, 82-85.	1.1	81
141	EUV spectroscopy of the Venus dayglow with UVIS on Cassini. Icarus, 2011, 211, 70-80.	1.1	47
142	Two-dimensional time-dependent model of the transport of minor species in the Venus night side upper atmosphere. Planetary and Space Science, 2010, 58, 1857-1867.	0.9	10
143	The distributions of the OH Meinel and nightglow emissions in the Venus mesosphere based on VIRTIS observations. Advances in Space Research, 2010, 45, 1268-1275.	1.2	26
144	UVIS observations of the FUV OI and CO 4P Venus dayglow during the Cassini flyby. Icarus, 2010, 207, 549-557.	1.1	47

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145	Characteristics of Saturnâ€™s FUV airglow from limb-viewing spectra obtained with Cassini-UVIS. Icarus, 2010, 210, 270-283.	1.1	12
146	Comparison of the open-closed field line boundary location inferred using IMAGE-FUV SI12 images and EISCAT radar observations. Annales Geophysicae, 2010, 28, 883-892.	0.6	20
147	Location and spatial shape of electron beams in Io's wake. Journal of Geophysical Research, 2010, 115, .	3.3	29
148	Auroral signatures of flow bursts released during magnetotail reconnection at Jupiter. Journal of Geophysical Research, 2010, 115, .	3.3	32
149	On the origin of Saturn's outer auroral emission. Journal of Geophysical Research, 2010, 115, .	3.3	44
150	Mars ultraviolet dayglow variability: SPICAM observations and comparison with airglow model. Journal of Geophysical Research, 2010, 115, .	3.3	23
151	Venus OH nightglow distribution based on VIRTIS limb observations from Venus Express. Geophysical Research Letters, 2010, 37, .	1.5	19
152	Variation of Saturn's UV aurora with SKR phase. Geophysical Research Letters, 2010, 37, .	1.5	57
153	Atomic oxygen distribution in the Venus mesosphere from observations of O2 infrared airglow by VIRTIS-Venus Express. Icarus, 2009, 199, 264-272.	1.1	27
154	Characteristics of Saturn's polar atmosphere and auroral electrons derived from HST/STIS, FUSE and Cassini/UVIS spectra. Icarus, 2009, 200, 176-187.	1.1	51
155	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.	0.9	140
156	Venus express: Highlights of the nominal mission. Solar System Research, 2009, 43, 185-209.	0.3	24
157	Observations of Jovian polar auroral filaments. Geophysical Research Letters, 2009, 36, .	1.5	37
158	Equatorward diffuse auroral emissions at Jupiter: Simultaneous HST and Galileo observations. Geophysical Research Letters, 2009, 36, .	1.5	40
159	Saturn's equinoctial auroras. Geophysical Research Letters, 2009, 36, .	1.5	37
160	Variation of different components of Jupiter's auroral emission. Journal of Geophysical Research, 2009, 114, .	3.3	95
161	Auroral footprint of Ganymede. Journal of Geophysical Research, 2009, 114, .	3.3	44
162	The Io UV footprint: Location, interâ€spot distances and tail vertical extent. Journal of Geophysical Research, 2009, 114, .	3.3	77

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163	Concurrent observations of the ultraviolet nitric oxide and infrared O₂ nightglow emissions with Venus Express. Journal of Geophysical Research, 2009, 114, .	3.3	25
164	Altitude of Saturn's aurora and its implications for the characteristic energy of precipitated electrons. Geophysical Research Letters, 2009, 36, .	1.5	81
165	Contributions of the driven process and the loadingâ€unloading process during substorms: A study based on the IMAGEâ€SI12 imager. Journal of Geophysical Research, 2009, 114, .	3.3	3
166	Transient auroral features at Saturn: Signatures of energetic particle injections in the magnetosphere. Journal of Geophysical Research, 2009, 114, .	3.3	35
167	Response of Jupiter's and Saturn's auroral activity to the solar wind. Journal of Geophysical Research, 2009, 114, .	3.3	161
168	The Venus ultraviolet oxygen dayglow and aurora: Model comparison with observations. Planetary and Space Science, 2008, 56, 542-552.	0.9	26
169	Distribution of the O₂ infrared nightglow observed with VIRTIS on board Venus Express. Geophysical Research Letters, 2008, 35, .	1.5	50
170	UV Io footprint leading spot: A key feature for understanding the UV Io footprint multiplicity?. Geophysical Research Letters, 2008, 35, .	1.5	84
171	Auroral polar dawn spots: Signatures of internally driven reconnection processes at Jupiter's magnetotail. Geophysical Research Letters, 2008, 35, .	1.5	53
172	Jupiterâ€™s changing auroral location. Journal of Geophysical Research, 2008, 113, .	3.3	41
173	Discontinuity in Jupiter's main auroral oval. Journal of Geophysical Research, 2008, 113, .	3.3	52
174	Monte Carlo model of electron transport for the calculation of Mars dayglow emissions. Journal of Geophysical Research, 2008, 113, .	3.3	68
175	Distribution of the ultraviolet nitric oxide Martian night airglow: Observations from Mars Express and comparisons with a oneâ€dimensional model. Journal of Geophysical Research, 2008, 113, .	3.3	59
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