

Darrell F Strobel

List of Publications by Year in descending order

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256
papers

15,334
citations

11608

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257
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times ranked

4600
citing authors

#	ARTICLE	IF	CITATIONS
1	Pluto's atmosphere observations with ALMA: Spatially-resolved maps of CO and HCN emission and first detection of HNC. <i>Icarus</i> , 2022, 372, 114722.	1.1	9
2	Molecular hydrogen in the upper atmospheres of Saturn and Titan. <i>Icarus</i> , 2022, 376, 114876.	1.1	2
3	Constraints on the structure and seasonal variations of Triton's atmosphere from the 5 October 2017 stellar occultation and previous observations. <i>Astronomy and Astrophysics</i> , 2022, 659, A136.	2.1	8
4	Mapping the Brightness of Ganymede's Ultraviolet Aurora Using Hubble Space Telescope Observations. <i>Journal of Geophysical Research E: Planets</i> , 2022, 127, .	1.5	3
5	LORRI observations of waves in Pluto's atmosphere. <i>Icarus</i> , 2021, 356, 113825.	1.1	1
6	Constraints on Pluto's H and CH ₄ profiles from New Horizons Alice Ly α observations. <i>Icarus</i> , 2021, 356, 113973.	1.1	2
7	A major ice component in Pluto's haze. <i>Nature Astronomy</i> , 2021, 5, 289-297.	4.2	19
8	An empirical model of the Saturn thermosphere. <i>Icarus</i> , 2021, 362, 114396.	1.1	7
9	High-resolution radiometry of Pluto at 4.2 μ m with New Horizons. <i>Icarus</i> , 2021, 363, 114430.	1.1	1
10	Brown dwarfs as ideal candidates for detecting UV aurora outside the Solar System: <i>Hubble</i> Space Telescope observations of 2MASS J1237+6526. <i>Astronomy and Astrophysics</i> , 2021, 655, A75.	2.1	8
11	New Horizons Detection of the Local Galactic Lyman- α Background. <i>Astronomical Journal</i> , 2021, 162, 241.	1.9	7
12	An attempt to detect transient changes in Io's SO ₂ and NaCl atmosphere. <i>Icarus</i> , 2020, 350, 113925.	1.1	16
13	New Horizons Observations of an Ultraviolet Stellar Occultation and Appulse by Pluto's Atmosphere. <i>Astronomical Journal</i> , 2020, 159, 26.	1.9	3
14	Pluto's Ultraviolet Spectrum, Surface Reflectance, and Airglow Emissions. <i>Astronomical Journal</i> , 2020, 159, 274.	1.9	12
15	Suprathermal Ions in the Outer Heliosphere. <i>Astrophysical Journal</i> , 2019, 876, 46.	1.6	15
16	Initial results from the New Horizons exploration of 2014 MU ₆₉ , a small Kuiper Belt object. <i>Science</i> , 2019, 364, .	6.0	113
17	Constraining the IMF at Pluto Using New Horizons SWAP Data and Hybrid Simulations. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 1568-1581.	0.8	2
18	An intense thermospheric jet on Titan. <i>Nature Astronomy</i> , 2019, 3, 614-619.	4.2	29

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19	Radio thermal emission from Pluto and Charon during the New Horizons encounter. <i>Icarus</i> , 2019, 322, 192-209.	1.1	8
20	Titan's cold case files - Outstanding questions after Cassini-Huygens. <i>Planetary and Space Science</i> , 2018, 155, 50-72.	0.9	37
21	An upper limit on Pluto's ionosphere from radio occultation measurements with New Horizons. <i>Icarus</i> , 2018, 307, 17-24.	1.1	30
22	Structure and composition of Pluto's atmosphere from the New Horizons solar ultraviolet occultation. <i>Icarus</i> , 2018, 300, 174-199.	1.1	90
23	The UV Spectrum of the Ultracool Dwarf LSR J1835+3259 Observed with the Hubble Space Telescope. <i>Astrophysical Journal</i> , 2018, 859, 74.	1.6	8
24	MHD Modeling of the Plasma Interaction With Io's Asymmetric Atmosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 9286-9311.	0.8	36
25	Saturn's Variable Thermosphere. , 2018, , 224-250.		0
26	Material Flux From the Rings of Saturn Into Its Atmosphere. <i>Geophysical Research Letters</i> , 2018, 45, 10,093.	1.5	25
27	The Lyman- α Sky Background as Observed by New Horizons. <i>Geophysical Research Letters</i> , 2018, 45, 8022-8028.	1.5	19
28	Pluto's haze as a surface material. <i>Icarus</i> , 2018, 314, 232-245.	1.1	50
29	DETECTION OF A HYDROGEN CORONA IN HST Ly α IMAGES OF EUROPA IN TRANSIT OF JUPITER. <i>Astronomical Journal</i> , 2017, 153, 67.	1.9	27
30	Haze in Pluto's atmosphere. <i>Icarus</i> , 2017, 290, 112-133.	1.1	72
31	Morphology of Ganymede's FUV auroral ovals. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 2855-2876.	0.8	12
32	Constraints on Io's interior from auroral spot oscillations. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 1903-1927.	0.8	23
33	Radio occultation measurements of Pluto's neutral atmosphere with New Horizons. <i>Icarus</i> , 2017, 290, 96-111.	1.1	74
34	Comparative planetary nitrogen atmospheres: Density and thermal structures of Pluto and Triton. <i>Icarus</i> , 2017, 291, 55-64.	1.1	56
35	Detection of CO and HCN in Pluto's atmosphere with ALMA. <i>Icarus</i> , 2017, 286, 289-307.	1.1	89
36	Haze heats Pluto's atmosphere yet explains its cold temperature. <i>Nature</i> , 2017, 551, 352-355.	13.7	71

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37	Structure and density of Callisto's atmosphere from a fluid-kinetic model of its ionosphere: Comparison with Hubble Space Telescope and Galileo observations. <i>Icarus</i> , 2017, 282, 237-259.	1.1	23
38	The puzzling detection of x-rays from Pluto by Chandra. <i>Icarus</i> , 2017, 287, 103-109.	1.1	19
39	Constraints on an exosphere at Ceres from Hubble Space Telescope observations. <i>Geophysical Research Letters</i> , 2016, 43, 2465-2472.	1.5	19
40	Europa's far ultraviolet oxygen aurora from a comprehensive set of HST observations. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 2143-2170.	0.8	54
41	The formation of Charon's red poles from seasonally cold-trapped volatiles. <i>Nature</i> , 2016, 539, 65-68.	13.7	44
42	Pluto's interaction with the solar wind. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 4232-4246.	0.8	32
43	The atmosphere of Pluto as observed by New Horizons. <i>Science</i> , 2016, 351, aad8866.	6.0	201
44	Pluto's interaction with its space environment: Solar wind, energetic particles, and dust. <i>Science</i> , 2016, 351, aad9045.	6.0	60
45	The geology of Pluto and Charon through the eyes of New Horizons. <i>Science</i> , 2016, 351, 1284-1293.	6.0	219
46	Saturn's variable thermosphere from Cassini/UVIS occultations. <i>Icarus</i> , 2015, 260, 174-189.	1.1	40
47	The search for a subsurface ocean in Ganymede with Hubble Space Telescope observations of its auroral ovals. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 1715-1737.	0.8	128
48	Detection of Callisto's oxygen atmosphere with the Hubble Space Telescope. <i>Icarus</i> , 2015, 254, 178-189.	1.1	46
49	Solar wind at 33 AU: Setting bounds on the Pluto interaction for New Horizons. <i>Journal of Geophysical Research E: Planets</i> , 2015, 120, 1497-1511.	1.5	19
50	The Pluto system: Initial results from its exploration by New Horizons. <i>Science</i> , 2015, 350, aad1815.	6.0	407
51	Pluto's solar wind interaction: Collisional effects. <i>Icarus</i> , 2015, 246, 303-309.	1.1	11
52	Titan's upper atmosphere/exosphere, escape processes, and rates. , 2014, , 355-375.		7
53	Orbital apocenter is not a sufficient condition for HST/STIS detection of Europa's water vapor aurora. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E5123-32.	3.3	65
54	A phenomenological model of Io's UV aurora based on HST/STIS observations. <i>Icarus</i> , 2014, 228, 386-406.	1.1	24

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55	Transient Water Vapor at Europa's South Pole. <i>Science</i> , 2014, 343, 171-174.	6.0	401
56	The density and thermal structure of Pluto's atmosphere and associated escape processes and rates. <i>Icarus</i> , 2014, 228, 301-314.	1.1	75
57	Ion densities and magnetic signatures of dust pickup at Enceladus. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 2740-2774.	0.8	38
58	On the thermal electron balance in Titan's sunlit upper atmosphere. <i>Icarus</i> , 2013, 223, 234-251.	1.1	35
59	Aurora on Ganymede. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 2043-2054.	0.8	58
60	Hydrogen and methane in Titan's atmosphere: chemistry, diffusion, escape, and the Hunten limiting flux principle ¹ This article is part of a Special Issue that honours the work of Dr. Donald M. Hunten FRSC who passed away in December 2010 after a very illustrious career.. <i>Canadian Journal of Physics</i> , 2012, 90, 795-805.	0.4	26
61	Titan airglow during eclipse. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	12
62	The CH ₄ structure in Titan's upper atmosphere revisited. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	61
63	<i>HUBBLE SPACE TELESCOPE/ADVANCED CAMERA FOR SURVEYS OBSERVATIONS OF EUROPA'S ATMOSPHERIC ULTRAVIOLET EMISSION AT EASTERN ELONGATION.</i> <i>Astrophysical Journal</i> , 2011, 738, 153.	1.6	34
64	OBSERVATIONS AND MODELING OF H ₂ FLUORESCENCE WITH PARTIAL FREQUENCY REDISTRIBUTION IN GIANT PLANET ATMOSPHERES. <i>Astrophysical Journal</i> , 2011, 732, 37.	1.6	2
65	Simulation of Io's auroral emission: Constraints on the atmosphere in eclipse. <i>Icarus</i> , 2011, 214, 495-509.	1.1	26
66	An investigation of Pluto's troposphere using stellar occultation light curves and an atmospheric radiative-conductive-convective model. <i>Icarus</i> , 2011, 214, 685-700.	1.1	22
67	An analysis of Pluto occultation light curves using an atmospheric radiative-conductive model. <i>Icarus</i> , 2011, 211, 804-818.	1.1	47
68	Molecular hydrogen in Titan's atmosphere: Implications of the measured tropospheric and thermospheric mole fractions. <i>Icarus</i> , 2010, 208, 878-886.	1.1	68
69	Energetic neutral atoms from Titan: Particle simulations in draped magnetic and electric fields. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	13
70	Closing remarks. <i>Faraday Discussions</i> , 2010, 147, 553.	1.6	0
71	The New Horizons Radio Science Experiment (REX). , 2009, , 217-259.		3
72	TandEM: Titan and Enceladus mission. <i>Experimental Astronomy</i> , 2009, 23, 893-946.	1.6	77

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73	Results from the Huygens probe on Titan. <i>Astronomy and Astrophysics Review</i> , 2009, 17, 149-179.	9.1	33
74	Titan's hydrodynamically escaping atmosphere: Escape rates and the structure of the exobase region. <i>Icarus</i> , 2009, 202, 632-641.	1.1	62
75	Titan ionospheric conductivities from Cassini measurements. <i>Planetary and Space Science</i> , 2009, 57, 1828-1833.	0.9	30
76	Atmospheric Structure and Composition. , 2009, , 235-257.		21
77	Titan's hydrodynamically escaping atmosphere. <i>Icarus</i> , 2008, 193, 588-594.	1.1	77
78	The New Horizons Radio Science Experiment (REX). <i>Space Science Reviews</i> , 2008, 140, 217-259.	3.7	62
79	Photoemission Phenomena in the Solar System. <i>Space Science Reviews</i> , 2008, 139, 267-310.	3.7	21
80	Plasma Flow and Related Phenomena in Planetary Aeronomy. <i>Space Science Reviews</i> , 2008, 139, 311-353.	3.7	30
81	Neutral Atmospheres. <i>Space Science Reviews</i> , 2008, 139, 191-234.	3.7	27
82	Exospheres and Atmospheric Escape. <i>Space Science Reviews</i> , 2008, 139, 355-397.	3.7	103
83	New Horizons: Anticipated Scientific Investigations at the Pluto System. <i>Space Science Reviews</i> , 2008, 140, 93-127.	3.7	74
84	Exchange of global mean angular momentum between an atmosphere and its underlying planet. <i>Planetary and Space Science</i> , 2008, 56, 1524-1531.	0.9	4
85	N ₂ escape rates from Pluto's atmosphere. <i>Icarus</i> , 2008, 193, 612-619.	1.1	75
86	An equatorial oscillation in Saturn's middle atmosphere. <i>Nature</i> , 2008, 453, 200-202.	13.7	88
87	Evidence for temporal variability of Enceladus' gas jets: Modeling of Cassini observations. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	78
88	The Dust Halo of Saturn's Largest Icy Moon, Rhea. <i>Science</i> , 2008, 319, 1380-1384.	6.0	53
89	Neutral Atmospheres. <i>Space Sciences Series of ISSI</i> , 2008, , 191-234.	0.0	1
90	Exospheres and Atmospheric Escape. <i>Space Sciences Series of ISSI</i> , 2008, , 355-397.	0.0	7

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91	Photoemission Phenomena in the Solar System. Space Sciences Series of ISSI, 2008, , 267-310.	0.0	0
92	Plasma Flow and Related Phenomena in Planetary Aeronomy. Space Sciences Series of ISSI, 2008, , 311-353.	0.0	0
93	Io's Atmospheric Response to Eclipse: UV Aurorae Observations. Science, 2007, 318, 237-240.	6.0	41
94	Meridional variations of C ₂ H ₂ and C ₂ H ₆ in Jupiter's atmosphere from Cassini CIRS infrared spectra. Icarus, 2007, 188, 47-71.	1.1	72
95	Temporal behavior of the SO 1.707 μ m ro-vibronic emission band in Io's atmosphere. Icarus, 2007, 189, 401-408.	1.1	10
96	Gravitational tidal waves in Titan's upper atmosphere. Icarus, 2006, 182, 251-258.	1.1	28
97	On the HCN and CO ₂ abundance and distribution in Jupiter's stratosphere. Icarus, 2006, 184, 478-497.	1.1	39
98	Atmospheres and Plasma Interactions at Saturn's Largest Inner Icy Satellites. Astrophysical Journal, 2005, 620, L115-L118.	1.6	32
99	Comparative Planetary Atmospheres of the Galilean Satellites. Highlights of Astronomy, 2005, 13, 894-895.	0.0	5
100	On the maintenance of thermal wind balance and equatorial superrotation in Titan's stratosphere. Icarus, 2005, 176, 331-350.	1.1	6
101	Photochemistry in Outer Solar System Atmospheres. Space Science Reviews, 2005, 116, 155-170.	3.7	48
102	Temperatures, Winds, and Composition in the Saturnian System. Science, 2005, 307, 1247-1251.	6.0	184
103	Titan's Atmospheric Temperatures, Winds, and Composition. Science, 2005, 308, 975-978.	6.0	318
104	Photochemistry in Outer Solar System Atmospheres. , 2005, , 155-170.		1
105	Jupiter's Atmospheric Composition from the Cassini Thermal Infrared Spectroscopy Experiment. Science, 2004, 305, 1582-1586.	6.0	63
106	Cassini observations of Io's visible aurorae. Icarus, 2004, 172, 127-140.	1.1	55
107	New perspectives on Titan's upper atmosphere from a reanalysis of the Voyager 1 UVS solar occultations. Icarus, 2004, 170, 91-112.	1.1	174
108	Relative contributions of sublimation and volcanoes to Io's atmosphere inferred from its plasma interaction during solar eclipse. Icarus, 2004, 171, 411-420.	1.1	39

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109	Detection of Atomic Chlorine in Io's Atmosphere with the Hubble Space Telescope GHR. <i>Astrophysical Journal</i> , 2004, 610, 1191-1198.	1.6	17
110	The Far Ultraviolet Spectrum of the Io Plasma Torus. <i>Astrophysical Journal</i> , 2004, 601, 583-591.	1.6	29
111	The ion mass loading rate at Io. <i>Icarus</i> , 2003, 163, 456-468.	1.1	42
112	Volcanically emitted sodium chloride as a source for Io's neutral clouds and plasma torus. <i>Nature</i> , 2003, 421, 45-47.	13.7	102
113	Io's auroral limb glow: Hubble Space Telescope FUV observations. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	31
114	[ITAL]Hubble Space Telescope[/ITAL] Space Telescope Imaging Spectrograph Search for an Atmosphere on Callisto: A Jovian Unipolar Inductor. <i>Astrophysical Journal</i> , 2002, 581, L51-L54.	1.6	40
115	Aeronomics systems on planets, moons, and comets. <i>Geophysical Monograph Series</i> , 2002, , 7-22.	0.1	45
116	Interpretation of Galileo's Io plasma and field observations: I0, I24, and I27 flybys and close polar passes. <i>Journal of Geophysical Research</i> , 2002, 107, SMP 5-1-SMP 5-18.	3.3	56
117	Detection of the Forbidden SO $\pi\pi$ Rovibronic Transition on Io at 1.7 μ m. <i>Icarus</i> , 2002, 156, 296-301.	1.1	43
118	Carbon Monoxide on Jupiter: Evidence for Both Internal and External Sources. <i>Icarus</i> , 2002, 159, 95-111.	1.1	126
119	Emission profiles of neutral oxygen and sulfur in Io's exospheric corona. <i>Journal of Geophysical Research</i> , 2001, 106, 26155-26182.	3.3	37
120	Model update for mesospheric/thermospheric nitric oxide. <i>Physics and Chemistry of the Earth, Part C: Solar, Terrestrial and Planetary Science</i> , 2001, 26, 533-537.	0.2	1
121	Detection of Chlorine Ions in the [ITAL]Far Ultraviolet Spectroscopic Explorer[/ITAL] Spectrum of the Io Plasma Torus. <i>Astrophysical Journal</i> , 2001, 554, L123-L126.	1.6	35
122	Excitation of the Ganymede Ultraviolet Aurora. <i>Astrophysical Journal</i> , 2001, 555, 1013-1019.	1.6	51
123	Interaction of Gravity Waves with Ionospheric Plasma: Implications for Jupiter's Ionosphere. <i>Icarus</i> , 2001, 152, 347-365.	1.1	36
124	The Atmosphere of Io: Abundances and Sources of Sulfur Dioxide and Atomic Hydrogen. <i>Astrophysics and Space Science</i> , 2001, 277, 271-287.	0.5	54
125	The Atmosphere of Io: Abundances and Sources of Sulfur Dioxide and Atomic Hydrogen. , 2001, , 271-287.		9
126	HST/STIS Ultraviolet Imaging of Polar Aurora on Ganymede. <i>Astrophysical Journal</i> , 2000, 535, 1085-1090.	1.6	102

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127	The Thermal Structure of Triton's Middle Atmosphere. <i>Icarus</i> , 2000, 143, 425-428.	1.1	50
128	Coupled models of photochemistry and dynamics in the mesosphere and lower thermosphere. <i>Geophysical Monograph Series</i> , 2000, , 337-342.	0.1	4
129	Io's equatorial spots: Morphology of neutral UV emissions. <i>Journal of Geophysical Research</i> , 2000, 105, 27157-27165.	3.3	38
130	Middle atmosphere age of air in a globally balanced two-dimensional model. <i>Journal of Geophysical Research</i> , 2000, 105, 15201-15212.	3.3	6
131	Lyman- α imaging of the SO ₂ distribution on Io. <i>Geophysical Research Letters</i> , 2000, 27, 1787-1790.	1.5	48
132	Io's ultraviolet aurora: Remote sensing of Io's interaction. <i>Geophysical Research Letters</i> , 2000, 27, 2893-2896.	1.5	43
133	On the numerical modelling of middle atmosphere tides. <i>Quarterly Journal of the Royal Meteorological Society</i> , 1999, 125, 1825-1857.	1.0	17
134	Heating of Jupiter's Thermosphere by Dissipation of Gravity Waves Due to Molecular Viscosity and Heat Conduction. <i>Icarus</i> , 1999, 140, 328-340.	1.1	73
135	Far-Ultraviolet Imaging Spectroscopy of Io's Atmosphere with HST/STIS. <i>Science</i> , 1999, 283, 353-357.	6.0	99
136	Three-dimensional plasma simulation of Io's interaction with the Io plasma torus: Asymmetric plasma flow. <i>Journal of Geophysical Research</i> , 1999, 104, 25105-25126.	3.3	126
137	Numerical modeling of chemical-dynamical coupling in the upper stratosphere and mesosphere. <i>Journal of Geophysical Research</i> , 1999, 104, 23995-24011.	3.3	15
138	The Ultraviolet Albedo of Titan. <i>Icarus</i> , 1998, 131, 382-392.	1.1	42
139	Interaction of the Jovian magnetosphere with Europa: Constraints on the neutral atmosphere. <i>Journal of Geophysical Research</i> , 1998, 103, 19947-19962.	3.3	175
140	The Far-Ultraviolet Oxygen Airglow of Europa and Ganymede. <i>Astrophysical Journal</i> , 1998, 499, 475-481.	1.6	239
141	Simultaneous Spectroscopy and Imaging of the Jovian Aurora with the Hopkins Ultraviolet Telescope and the Hubble Space Telescope. <i>Astrophysical Journal</i> , 1997, 476, 918-923.	1.6	24
142	Implications of Satellite OH Observations for Middle Atmospheric H ₂ O and Ozone. <i>Science</i> , 1997, 277, 1967-1970.	6.0	114
143	Seasonal variation of middle atmospheric CH ₄ and H ₂ O with a new chemical-dynamical model. <i>Journal of Geophysical Research</i> , 1997, 102, 3503-3526.	3.3	62
144	Ly α -induced Fluorescence of H ₂ and CO in Hubble Space Telescope Spectra of a Comet Shoemaker-Levy 9 Impact Site on Jupiter. <i>Astrophysical Journal</i> , 1997, 475, 835-842.	1.6	26

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145	Mesospheric HO x photochemistry: Constraints from recent satellite measurements of OH and H ₂ O. Geophysical Research Letters, 1996, 23, 2097-2100.	1.5	28
146	Detection of Sulfur Monoxide in Io's Atmosphere. Astrophysical Journal, 1996, 459, .	1.6	72
147	On the Vertical Thermal Structure of Pluto's Atmosphere. Icarus, 1996, 120, 266-289.	1.1	108
148	Photochemistry and Vertical Transport in Io's Atmosphere and Ionosphere. Icarus, 1996, 120, 290-316.	1.1	77
149	The CO Abundance on Neptune from HST Observations. Icarus, 1996, 123, 37-55.	1.1	16
150	Chemical and thermal response of Jupiter's atmosphere following the impact of comet Shoemaker-Levy 9. Nature, 1995, 373, 592-595.	13.7	90
151	Detection of an oxygen atmosphere on Jupiter's moon Europa. Nature, 1995, 373, 677-679.	13.7	345
152	The collision of comet Shoemaker-Levy 9 with Jupiter: Detection and evolution of HCN in the stratosphere of the planet. Geophysical Research Letters, 1995, 22, 1589-1592.	1.5	32
153	Far-UV emissions from the SL9 impacts with Jupiter. Geophysical Research Letters, 1995, 22, 2425-2428.	1.5	7
154	Detection of the SO ₂ Atmosphere on Io with the Hubble Space Telescope. Icarus, 1994, 111, 2-17.	1.1	88
155	On the Vertical Thermal Structure of Io's Atmosphere. Icarus, 1994, 111, 18-30.	1.1	71
156	A resolution of the N ₂ Carroll-Yoshino (c4 ⁺ -X) band problem in the Earth's atmosphere. Journal of Geophysical Research, 1994, 99, 417.	3.3	29
157	Hopkins Ultraviolet Telescope determination of the Io torus electron temperature. Astrophysical Journal, 1994, 420, L45.	1.6	14
158	Extreme ultraviolet explorer satellite observation of Jupiter's Io plasma torus. Astrophysical Journal, 1994, 426, L51.	1.6	56
159	An Analysis of the Voyager 2 Ultraviolet Spectrometer Occultation Data at Uranus: Inferring Heat Sources and Model Atmospheres. Icarus, 1993, 101, 45-63.	1.1	30
160	Upper Limit on Titan's Atmospheric Argon Abundance. Icarus, 1993, 103, 333-336.	1.1	24
161	The spectrum of the Jovian dayglow observed at 3 Å resolution with the Hopkins ultraviolet telescope. Astrophysical Journal, 1993, 406, 279.	1.6	43
162	On the thermal structure of Triton's thermosphere. Geophysical Research Letters, 1992, 19, 669-672.	1.5	47

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163	Titan's upper atmosphere: Structure and ultraviolet emissions. <i>Icarus</i> , 1992, 100, 512-526.	1.1	120
164	Nitrogen airglow sources: Comparison of Triton, Titan, and Earth. <i>Geophysical Research Letters</i> , 1991, 18, 689-692.	1.5	43
165	Triton's atmosphere: A source of N and H for Neptune's magnetosphere. <i>Geophysical Research Letters</i> , 1991, 18, 2309-2312.	1.5	43
166	THE UPPER ATMOSPHERE OF URANUS. , 1991, , 65-109.		18
167	The atmospheric abundance of SO_2 on Io. <i>Icarus</i> , 1990, 88, 1-23.	1.1	27
168	Magnetospheric interaction with Triton's ionosphere. <i>Geophysical Research Letters</i> , 1990, 17, 1661-1664.	1.5	48
169	The photochemistry of methane in the atmosphere of Triton. <i>Geophysical Research Letters</i> , 1990, 17, 1729-1732.	1.5	39
170	Long-term study of longitudinal dependence in primary particle precipitation in the north Jovian aurora. <i>Journal of Geophysical Research</i> , 1990, 95, 10375-10388.	3.3	50
171	The seasonal variation of water vapor and ozone in the upper mesosphere: Implications for vertical transport and ozone photochemistry. <i>Journal of Geophysical Research</i> , 1990, 95, 883-893.	3.3	56
172	On the role of vibration-vibration transitions in radiative cooling of the CO_2 $15\frac{1}{4}\mu\text{m}$ band around the mesopause. <i>Journal of Geophysical Research</i> , 1990, 95, 3571-3577.	3.3	15
173	A model study of the response of mesospheric ozone to short-term solar ultraviolet flux variations. <i>Journal of Geophysical Research</i> , 1990, 95, 22523-22538.	3.3	30
174	Atmospheres of Planets and their Satellites. <i>Highlights of Astronomy</i> , 1989, 8, 395-395.	0.0	0
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