

E J Bunce

List of Publications by Year in descending order

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143
papers

6,653
citations

57631

44
h-index

74018

75
g-index

145
all docs

145
docs citations

145
times ranked

2281
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	0.9	455
2	Origin of the main auroral oval in Jupiter's coupled magnetosphere-ionosphere system. <i>Planetary and Space Science</i> , 2001, 49, 1067-1088.	0.9	335
3	Magnetospheric Science Objectives of the Juno Mission. <i>Space Science Reviews</i> , 2017, 213, 219-287.	3.7	163
4	Response of Jupiter's and Saturn's auroral activity to the solar wind. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	161
5	Morphological differences between Saturn's ultraviolet aurorae and those of Earth and Jupiter. <i>Nature</i> , 2005, 433, 717-719.	13.7	155
6	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
7	Saturn's polar ionospheric flows and their relation to the main auroral oval. <i>Annales Geophysicae</i> , 2004, 22, 1379-1394.	0.6	139
8	Jupiter's polar ionospheric flows: Theoretical interpretation. <i>Geophysical Research Letters</i> , 2003, 30, n/a-n/a.	1.5	138
9	A simple quantitative model of plasma flows and currents in Saturn's polar ionosphere. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	134
10	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
11	The mercury imaging X-ray spectrometer (MIXS) on bepicolombo. <i>Planetary and Space Science</i> , 2010, 58, 79-95.	0.9	127
12	Energetic ion acceleration in Saturn's magnetotail: Substorms at Saturn?. <i>Geophysical Research Letters</i> , 2005, 32, .	1.5	124
13	Interplanetary magnetic field at $\approx 1/4$ AU during the declining phase of the solar cycle and its implications for Saturn's magnetospheric dynamics. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	114
14	Cassini observations of the variation of Saturn's ring current parameters with system size. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	108
15	Saturn's magnetic field revealed by the Cassini Grand Finale. <i>Science</i> , 2018, 362, .	6.0	108
16	Corotation-driven magnetosphere-ionosphere coupling currents in Saturn's magnetosphere and their relation to the auroras. <i>Annales Geophysicae</i> , 2003, 21, 1691-1707.	0.6	99
17	Planetary period oscillations in Saturn's magnetosphere: Phase relation of equatorial magnetic field oscillations and Saturn kilometric radiation modulation. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	98
18	Variable morphology of Saturn's southern ultraviolet aurora. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	96

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19	In situ observations of a solar wind compression-induced hot plasma injection in Saturn's tail. <i>Geophysical Research Letters</i> , 2005, 32, .	1.5	92
20	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
21	Saturn's magnetodisc current sheet. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	89
22	Jovian cusp processes: Implications for the polar aurora. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	87
23	Field-aligned currents in Saturn's southern nightside magnetosphere: Subcorotation and planetary period oscillation components. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 9847-9899.	0.8	87
24	Jupiter's polar ionospheric flows: Measured intensity and velocity variations poleward of the main auroral oval. <i>Geophysical Research Letters</i> , 2003, 30, n/a-n/a.	1.5	81
25	BepiColombo - Mission Overview and Science Goals. <i>Space Science Reviews</i> , 2021, 217, 1.	3.7	76
26	Investigating Mercury's Environment with the Two-Spacecraft BepiColombo Mission. <i>Space Science Reviews</i> , 2020, 216, 1.	3.7	71
27	Field-aligned currents in Saturn's northern nightside magnetosphere: Evidence for interhemispheric current flow associated with planetary period oscillations. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 7552-7584.	0.8	70
28	Cassini observations of planetary-period magnetic field oscillations in Saturn's magnetosphere: Doppler shifts and phase motion. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	69
29	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.	1.5	68
30	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
31	Auroral current systems in Saturn's magnetosphere: comparison of theoretical models with Cassini and HST observations. <i>Annales Geophysicae</i> , 2008, 26, 2613-2630.	0.6	60
32	A simple axisymmetric model of magnetosphere-ionosphere coupling currents in Jupiter's polar ionosphere. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	58
33	Magnetic field structure of Saturn's dayside magnetosphere and its mapping to the ionosphere: Results from ring current modeling. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	57
34	Structure and statistical properties of plasmoids in Jupiter's magnetotail. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 821-843.	0.8	54
35	Auroral counterpart of magnetic field dipolarizations in Saturn's tail. <i>Planetary and Space Science</i> , 2013, 82-83, 34-42.	0.9	53
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.	0.8	53

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37	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
38	Divergence of the equatorial current in the dawn sector of Jupiter's magnetosphere: analysis of Pioneer and Voyager magnetic field data. <i>Planetary and Space Science</i> , 2001, 49, 1089-1113.	0.9	51
39	Modulation of Jupiter's main auroral oval emissions by solar wind induced expansions and compressions of the magnetosphere. <i>Planetary and Space Science</i> , 2003, 51, 57-79.	0.9	51
40	Interplanetary magnetic field control of Saturn's polar cusp aurora. <i>Annales Geophysicae</i> , 2005, 23, 1405-1431.	0.6	51
41	A multi-instrument view of tail reconnection at Saturn. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	48
42	Cassini observations of ion and electron beams at Saturn and their relationship to infrared auroral arcs. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	47
43	Rationale for BepiColombo Studies of Mercury's Surface and Composition. <i>Space Science Reviews</i> , 2020, 216, 1.	3.7	46
44	Origins of Jupiter's main oval auroral emissions. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	44
45	A global magnetic model of Saturn's magnetosphere and a comparison with Cassini SOI data. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	44
46	Characterization of auroral current systems in Saturn's magnetosphere: High-latitude Cassini observations. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	44
47	Jovian-like aurorae on Saturn. <i>Nature</i> , 2008, 453, 1083-1085.	13.7	43
48	The BepiColombo mission: An outstanding tool for investigating the Hermean environment. <i>Planetary and Space Science</i> , 2010, 58, 40-60.	0.9	43
49	Dynamic auroral storms on Saturn as observed by the Hubble Space Telescope. <i>Geophysical Research Letters</i> , 2014, 41, 3323-3330.	1.5	43
50	Complex structure within Saturn's infrared aurora. <i>Nature</i> , 2008, 456, 214-217.	13.7	42
51	Planetary period oscillations in Saturn's magnetosphere: Coalescence and reversal of northern and southern periods in late northern spring. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 9829-9862.	0.8	42
52	Precipitating Electron Energy Flux and Characteristic Energies in Jupiter's Main Auroral Region as Measured by Juno/JEDI. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 7554-7567.	0.8	42
53	Energetic particle signatures of magnetic field-aligned potentials over Jupiter's polar regions. <i>Geophysical Research Letters</i> , 2017, 44, 8703-8711.	1.5	41
54	Azimuthal magnetic fields in Saturn's magnetosphere: effects associated with plasma sub-corotation and the magnetopause-tail current system. <i>Annales Geophysicae</i> , 2003, 21, 1709-1722.	0.6	40

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55	Mapping Magnetospheric Equatorial Regions at Saturn from Cassini Prime Mission Observations. Space Science Reviews, 2011, 164, 1-83.	3.7	40
56	MESSENGER X-ray observations of magnetosphere-surface interaction on the nightside of Mercury. Planetary and Space Science, 2016, 125, 72-79.	0.9	40
57	Birkeland currents in Jupiter's magnetosphere observed by the polar-orbiting Juno spacecraft. Nature Astronomy, 2019, 3, 904-909.	4.2	40
58	Thickness of Saturn's ring current determined from north-south Cassini passes through the current layer. Journal of Geophysical Research, 2009, 114, .	3.3	39
59	Saturn's ring current: Local time dependence and temporal variability. Journal of Geophysical Research, 2011, 116, .	3.3	39
60	Interplanetary magnetic field properties and variability near Mercury's orbit. Journal of Geophysical Research: Space Physics, 2017, 122, 7907-7924.	0.8	39
61	Ice Giant Systems: The scientific potential of orbital missions to Uranus and Neptune. Planetary and Space Science, 2020, 191, 105030.	0.9	39
62	Characteristics of north jovian aurora from STIS FUV spectral images. Icarus, 2016, 268, 215-241.	1.1	38
63	Modulation of Jovian middle magnetosphere currents and auroral precipitation by solar wind-induced compressions and expansions of the magnetosphere: initial response and steady state. Planetary and Space Science, 2003, 51, 31-56.	0.9	37
64	Signatures of field-aligned currents in Saturn's nightside magnetosphere. Geophysical Research Letters, 2009, 36, .	1.5	37
65	Saturn's equinoctial auroras. Geophysical Research Letters, 2009, 36, .	1.5	37
66	The BepiColombo Mercury Imaging X-Ray Spectrometer: Science Goals, Instrument Performance and Operations. Space Science Reviews, 2020, 216, 1.	3.7	36
67	Saturn's auroral morphology and activity during quiet magnetospheric conditions. Journal of Geophysical Research, 2006, 111, .	3.3	35
68	Statistical characteristics of field-aligned currents in Saturn's nightside magnetosphere. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	35
69	Magnetosphere-ionosphere mapping at Jupiter: Quantifying the effects of using different internal field models. Journal of Geophysical Research: Space Physics, 2015, 120, 2584-2599.	0.8	35
70	Planetary Period Oscillations in Saturn's Magnetosphere: Cassini Magnetic Field Observations Over the Northern Summer Solstice Interval. Journal of Geophysical Research: Space Physics, 2018, 123, 3859-3899.	0.8	35
71	Distributions of current and auroral precipitation in Jupiter's middle magnetosphere computed from steady-state Hill-Pontius angular velocity profiles: solutions for current sheet and dipole magnetic field models. Planetary and Space Science, 2002, 50, 717-734.	0.9	34
72	Auroral Processes. , 2009, , 333-374.		34

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73	Local time asymmetry of the equatorial current sheet in Jupiter's magnetosphere. <i>Planetary and Space Science</i> , 2001, 49, 261-274.	0.9	33
74	Interplanetary conditions and magnetospheric dynamics during the Cassini orbit insertion fly-through of Saturn's magnetosphere. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	33
75	The landscape of Saturn's internal magnetic field from the Cassini Grand Finale. <i>Icarus</i> , 2020, 344, 113541.	1.1	33
76	A note on the vector potential of Connerney et al.'s model of the equatorial current sheet in Jupiter's magnetosphere. <i>Planetary and Space Science</i> , 2001, 49, 1115-1123.	0.9	32
77	Recurrent pulsations in Saturn's high latitude magnetosphere. <i>Icarus</i> , 2016, 263, 94-100.	1.1	32
78	Extraordinary field-aligned current signatures in Saturn's high-latitude magnetosphere: Analysis of Cassini data during Revolution 89. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	31
79	Cassini multi-instrument assessment of Saturn's polar cap boundary. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 8161-8177.	0.8	31
80	A note on the ring current in Saturn's magnetosphere: Comparison of magnetic data obtained during the Pioneer-11 and Voyager-1 and -2 fly-bys. <i>Annales Geophysicae</i> , 2003, 21, 661-669.	0.6	28
81	Location of Saturn's northern infrared aurora determined from Cassini VIMS images. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	28
82	Nature of the ring current in Saturn's dayside magnetosphere. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	27
83	Saturn's auroral morphology and field-aligned currents during a solar wind compression. <i>Icarus</i> , 2016, 263, 83-93.	1.1	26
84	Cassini observations of the Interplanetary Medium Upstream of Saturn and their relation to the Hubble Space Telescope aurora data. <i>Advances in Space Research</i> , 2006, 38, 806-814.	1.2	25
85	Implications of rapid planetary rotation for the Dungey magnetotail of Saturn. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	24
86	Periodic Emission Within Jupiter's Main Auroral Oval. <i>Geophysical Research Letters</i> , 2017, 44, 9192-9198.	1.5	24
87	Field-Aligned Currents in Saturn's Nightside Magnetosphere: Subcorotation and Planetary Period Oscillation Components During Northern Spring. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 3602-3636.	0.8	24
88	Saturn's Northern Aurorae at Solstice From HST Observations Coordinated With Cassini's Grand Finale. <i>Geophysical Research Letters</i> , 2018, 45, 9353-9362.	1.5	24
89	Comparisons Between Jupiter's X-ray, UV and Radio Emissions and In-situ Solar Wind Measurements During 2007. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027222.	0.8	24
90	Field-aligned currents in Saturn's magnetosphere: Local time dependence of southern summer currents in the dawn sector between midnight and noon. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 7785-7804.	0.8	21

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91	Saturn's northern auroras as observed using the Hubble Space Telescope. <i>Icarus</i> , 2016, 263, 17-31.	1.1	20
92	Field-Aligned Currents in Saturn's Magnetosphere: Observations From the Ring Orbits. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 3806-3821.	0.8	20
93	Solar Intensity X-Ray and Particle Spectrometer SIXS: Instrument Design and First Results. <i>Space Science Reviews</i> , 2020, 216, 1.	3.7	20
94	Axi-symmetric models of auroral current systems in Jupiter's magnetosphere with predictions for the Juno mission. <i>Annales Geophysicae</i> , 2008, 26, 4051-4074.	0.6	19
95	Solar Wind Interaction With Jupiter's Magnetosphere: A Statistical Study of Galileo In Situ Data and Modeled Upstream Solar Wind Conditions. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 10170-10199.	0.8	19
96	Simulating the effect of centrifugal forces in Jupiter's magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 1925-1950.	0.8	17
97	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.	0.8	17
98	Cassini observations of Saturn's southern polar cusp. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 3006-3030.	0.8	17
99	Planetary Period Modulation of Reconnection Bursts in Saturn's Magnetotail. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 9476-9507.	0.8	17
100	Jupiter's X-ray Emission During the 2007 Solar Minimum. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027219.	0.8	17
101	Review of Exchange Processes on Ganymede in View of Its Planetary Protection Categorization. <i>Astrobiology</i> , 2013, 13, 991-1004.	1.5	16
102	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.	0.8	16
103	Field Line Resonance in the Hermean Magnetosphere: Structure and Implications for Plasma Distribution. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 211-228.	0.8	16
104	Silicon carbide X-ray detectors for planetary exploration. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2009, 604, 174-176.	0.7	15
105	Magnetosphere-ionosphere coupling at Jupiter: Expectations for Juno Perijove 1 from a steady state axisymmetric physical model. <i>Geophysical Research Letters</i> , 2017, 44, 4497-4505.	1.5	15
106	Long-Term Variability of Jupiter's Magnetodisk and Implications for the Aurora. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 12,090.	0.8	15
107	Joint Europa Mission (JEM): a multi-scale study of Europa to characterize its habitability and search for extant life. <i>Planetary and Space Science</i> , 2020, 193, 104960.	0.9	15
108	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.	0.8	14

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109	Saturn's auroral/polar H ₃ ⁺ infrared emission: The effect of solar wind compression. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	13
110	Saturn kilometric radiation intensities during the Saturn auroral campaign of 2013. <i>Icarus</i> , 2016, 263, 2-9.	1.1	13
111	An Enhancement of Jupiter's Main Auroral Emission and Magnetospheric Currents. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA027904.	0.8	13
112	IMF dependence of Saturn's auroras: modelling study of HST and Cassini data from 12â€“15 February 2008. <i>Annales Geophysicae</i> , 2010, 28, 1559-1570.	0.6	12
113	The Dynamics of Saturn's Main Aurorae. <i>Geophysical Research Letters</i> , 2019, 46, 10283-10294.	1.5	12
114	Variability of Intraâ€“D Ring Azimuthal Magnetic Field Profiles Observed on Cassini's Proximal Periapsis Passes. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 379-404.	0.8	12
115	A statistical survey of ultralowâ€“frequency wave power and polarization in the Hermean magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 8755-8772.	0.8	11
116	Planetary Period Oscillations in Saturn's Magnetosphere: Comparison of Magnetic and SKR Modulation Periods and Phases During Northern Summer to the End of the Cassini Mission. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 1157-1172.	0.8	11
117	Structure of the interplanetary magnetic field during the interval spanning the first Cassini fly-through of Saturnâ€™s magnetosphere and its implications for Saturnâ€™s magnetospheric dynamics. <i>Advances in Space Research</i> , 2005, 36, 2120-2126.	1.2	10
118	A Wide Field Auroral Imager (WFAI) for low Earth orbit missions. <i>Annales Geophysicae</i> , 2007, 25, 519-532.	0.6	10
119	Coronal and heliospheric magnetic flux circulation and its relation to open solar flux evolution. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 5870-5894.	0.8	10
120	Auroral Storm and Polar Arcs at Saturnâ€™Final Cassini/LVIV Auroral Observations. <i>Geophysical Research Letters</i> , 2018, 45, 6832-6842.	1.5	10
121	An isolated, bright cusp aurora at Saturn. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 6121-6138.	0.8	9
122	Jupiter's Dark Polar Region as Observed by the Hubble Space Telescope During the Juno Approach Phase. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 9094-9105.	0.8	9
123	Local Time Dependence of Jupiter's Polar Auroral Emissions Observed by Juno LUVS. <i>Journal of Geophysical Research E: Planets</i> , 2021, 126, e2021JE006954.	1.5	9
124	The Mercury Imaging X-ray Spectrometer: instrument overview. <i>Proceedings of SPIE</i> , 2009, , .	0.8	8
125	Origins of Saturn's Auroral Emissions and their Relationship to Large-Scale Magnetosphere Dynamics. <i>Geophysical Monograph Series</i> , 0, , 397-410.	0.1	8
126	Determining the Nominal Thickness and Variability of the Magnetodisc Current Sheet at Saturn. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA027794.	0.8	8

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127	MESSENGER X-Ray Observations of Electron Precipitation on the Dayside of Mercury. Journal of Geophysical Research: Space Physics, 2022, 127, .	0.8	8
128	Building galaxies, stars, planets and the ingredients for life between the stars. The science behind the European Ultraviolet-Visible Observatory. Astrophysics and Space Science, 2014, 354, 229-246.	0.5	7
129	Magnetic Field Observations on Cassini's Proximal Periapsis Passes: Planetary Period Oscillations and Mean Residual Fields. Journal of Geophysical Research: Space Physics, 2019, 124, 8814-8864.	0.8	6
130	Simultaneous Observation of an Auroral Dawn Storm With the Hubble Space Telescope and Juno. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028717.	0.8	6
131	A simple empirical model of the equatorial radial field in Jupiter's middle magnetosphere, based on spacecraft fly-by and Galileo orbiter data. Planetary and Space Science, 2002, 50, 789-806.	0.9	5
132	Currents Associated With Saturn's Intra- Ring Azimuthal Field Perturbations. Journal of Geophysical Research: Space Physics, 2019, 124, 5675-5691.	0.8	4
133	Saturn's Auroral Field-Aligned Currents: Observations From the Northern Hemisphere Dawn Sector During Cassini's Proximal Orbits. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027683.	0.8	3
134	Saturn's Nightside Ring Current During Cassini's Grand Finale. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028605.	0.8	3
135	Planetary Period Oscillations of Saturn's Dayside Equatorial Ionospheric Electron Density Observed on Cassini's Proximal Passes. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029332.	0.8	3
136	Magnetospheric Science Objectives of the Juno Mission. , 2014, , 39-107.		3
137	A Machine Learning Approach to Classifying MESSENGER FIPS Proton Spectra. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027352.	0.8	2
138	The Distribution of Peak-Ring Basins on Mercury and Their Correlation With the High-Mg/Si Terrane. Journal of Geophysical Research E: Planets, 2021, 126, e2021JE006839.	1.5	2
139	Solar wind-magnetosphere-ionosphere coupling at Jupiter. Advances in Space Research, 2005, 36, 2090-2099.	1.2	1
140	Isolating auroral FUV emission lines using compact, broadband instrumentation. Planetary and Space Science, 2014, 103, 291-298.	0.9	1
141	Seasonal Dependence of the Magnetospheric Drag Torque on Saturn's Northern and Southern Polar Thermospheres and its Relation to the Periods of Planetary Period Oscillations. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA028247.	0.8	1
142	Correction to "Cassini observations of ion and electron beams at Saturn and their relationship to infrared auroral arcs". Journal of Geophysical Research, 2012, 117, .	3.3	0
143	Validation of a Geant4 full model for the MIXS instrument at BepiColombo. , 2017, , .		0