Torsten Neubert

List of Publications by Year
in descending order

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158 papers	4,150 citations	109321 35 h-index	155660 55 g-index
215 all docs	215 docs citations	215 times ranked	2234 citing authors

#	Article	IF	Citations
1	Initiation of lightning flashes simultaneously observed from space and the ground: Narrow bipolar events. Atmospheric Research, 2022, 268, 105981.	4.1	9
2	Analysis of Blue Corona Discharges at the Top of Tropical Thunderstorm Clouds in Different Phases of Convection. Geophysical Research Letters, 2022, 49, .	4.0	12
3	Production of Terrestrial Gammaâ€Ray Flashes During the Early Stages of Lightning Flashes. Journal of Geophysical Research D: Atmospheres, 2022, 127, .	3.3	12
4	Multispectral Optical Diagnostics of Lightning from Space. Remote Sensing, 2022, 14, 2057.	4.0	3
5	Terrestrial Gammaâ€Ray Flashes With Accompanying Elves Detected by ASIM. Journal of Geophysical Research D: Atmospheres, 2022, 127, .	3.3	11
6	Observations of Blue Corona Discharges in Thunderclouds. Geophysical Research Letters, 2022, 49, .	4.0	8
7	Multiâ€Pulse Corona Discharges in Thunderclouds Observed in Optical and Radio Bands. Geophysical Research Letters, 2022, 49, .	4.0	7
8	Observation of the onset of a blue jet into the stratosphere. Nature, 2021, 589, 371-375.	27.8	20
9	Spectral Observations of Optical Emissions Associated With Terrestrial Gammaâ€Ray Flashes. Geophysical Research Letters, 2021, 48, 2020GL090700.	4.0	24
10	Converging Luminosity in Columnâ€Sprite Filaments. Geophysical Research Letters, 2021, 48, e2020GL090364.	4.0	3
11	A Simultaneous Observation of Lightning by ASIM, Colombiaâ€Lightning Mapping Array, GLM, and ISSâ€LIS. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2020JD033735.	3.3	14
12	A three-dimensional model of streamer discharges in unsteady airflow. Plasma Sources Science and Technology, 2021, 30, 045012.	3.1	18
13	Constraining Spectral Models of a Terrestrial Gammaâ€Ray Flash From a Terrestrial Electron Beam Observation by the Atmosphereâ€Space Interactions Monitor. Geophysical Research Letters, 2021, 48, e2021GL093152.	4.0	6
14	Simultaneous Observations of EIP, TGF, Elve, and Optical Lightning. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2020JD033921.	3.3	15
15	Blue Flashes as Counterparts to Narrow Bipolar Events: The Optical Signal of Shallow Inâ€Cloud Discharges. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2021JD035013.	3.3	17
16	Dancing Sprites Above a Lightning Mapping Arrayâ€”An Analysis of the Storm and Flash/Sprite Developments. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2021JD035059.	3.3	1
17	Dynamics of negative coronas in airflow. Plasma Sources Science and Technology, 2021, 30, 105001.	3.1	4
18	Global Frequency and Geographical Distribution of Nighttime Streamer Corona Discharges (BLUEs) in Thunderclouds. Geophysical Research Letters, 2021, 48, e2021GL094657.	4.0	17

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19	Observation of Terrestrial Gammaâ€Ray Flashes at Mid Latitude. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2020JD034432.	3.3	12
20	Underlying mechanism of the stagnation of positive streamers. Plasma Sources Science and Technology, 2021, 30, 115014.	3.1	2
21	Optical emissions associated with narrow bipolar events from thunderstorm clouds penetrating into the stratosphere. Nature Communications, 2021, 12, 6631.	12.8	21
22	Spectral Analysis of Individual Terrestrial Gammaâ€Ray Flashes Detected by ASIM. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2021JD035347.	3.3	10
23	Very-high-frequency oscillations in the main peak of a magnetar giant flare. Nature, 2021, 600, 621-624.	27.8	20
24	Climatology of Transient Luminous Events and Lightning Observed Above Europe and the Mediterranean Sea. Surveys in Geophysics, 2020, 41, 167-199.	4.6	16
25	A terrestrial gamma-ray flash and ionospheric ultraviolet emissions powered by lightning. Science, 2020, 367, 183-186.	12.6	60
26	The Emission of Terrestrial Gamma Ray Flashes From Encountering Streamer Coronae Associated to the Breakdown of Lightning Leaders. Geophysical Research Letters, 2020, 47, e2020GL089749.	4.0	9
27	Comparison of Highâ€Speed Optical Observations of a Lightning Flash From Space and the Ground. Earth and Space Science, 2020, 7, e2020EA001249.	2.6	15
28	Blue Optical Observations of Narrow Bipolar Events by ASIM Suggest Corona Streamer Activity in Thunderstorms. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2020JD032708.	3.3	38
29	The emission of energetic electrons from the complex streamer corona adjacent to leader stepping. Plasma Sources Science and Technology, 2020, 29, 035023.	3.1	14
30	Modeling lightning observations from space-based platforms (CloudScat.jl 1.0). Geoscientific Model Development, 2020, 13, 5549-5566.	3.6	20
31	Streamer propagation in the atmosphere of Titan and other N2:CH4 mixtures compared to N2:O2 mixtures. Icarus, 2019, 333, 294-305.	2.5	11
32	The Modular Multispectral Imaging Array (MMIA) of the ASIM Payload on the International Space Station. Space Science Reviews, 2019, 215, 1.	8.1	53
33	The Modular X- and Gamma-Ray Sensor (MXGS) of the ASIM Payload on the International Space Station. Space Science Reviews, 2019, 215, 1.	8.1	42
34	The ASIM Mission on the International Space Station. Space Science Reviews, 2019, 215, 1.	8.1	93
35	The Sensitivity of Sprite Streamer Inception on the Initial Electronâ€Ion Patch. Journal of Geophysical Research: Space Physics, 2019, 124, 3083-3099.	2.4	11
36	The First Terrestrial Electron Beam Observed by the Atmosphereâ€Space Interactions Monitor. Journal of Geophysical Research: Space Physics, 2019, 124, 10497-10511.	2.4	8

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37	First 10 Months of TGF Observations by ASIM. Journal of Geophysical Research D: Atmospheres, 2019, 124, 14024-14036.	3.3	52
38	Streamer properties and associated x-rays in perturbed air. Plasma Sources Science and Technology, 2018, 27, 015017.	3.1	19
39	VLF Signal Anomalies During Cyclone Activity in the Atlantic Ocean. Geophysical Research Letters, 2018, 45, 10,185.	4.0	10
40	Highâ€Energy Emissions Induced by Air Density Fluctuations of Discharges. Geophysical Research Letters, 2018, 45, 5194-5203.	4.0	18
41	Profuse activity of blue electrical discharges at the tops of thunderstorms. Geophysical Research Letters, 2017, 44, 496-503.	4.0	55
42	The influence of bremsstrahlung on electric discharge streamers in N₂, O₂gas mixtures. Plasma Sources Science and Technology, 2017, 26, 015006.	3.1	19
43	Electron acceleration during streamer collisions in air. Geophysical Research Letters, 2017, 44, 2604-2613.	4.0	33
44	The role of charged ice hydrometeors in lightning initiation. Journal of Atmospheric and Solar-Terrestrial Physics, 2017, 154, 43-46.	1.6	20
45	Analyses of electron runaway in front of the negative streamer channel. Journal of Geophysical Research: Space Physics, 2017, 122, 8974-8984.	2.4	7
46	Assessment of Unusual Gigantic Jets observed during the Monsoon season: First observations from Indian Subcontinent. Scientific Reports, 2017, 7, 16436.	3.3	5
47	Perturbations to the lower ionosphere by tropical cyclone Evan in the South Pacific Region. Journal of Geophysical Research: Space Physics, 2017, 122, 8720-8732.	2.4	29
48	Influence of the angular scattering of electrons on the runaway threshold in air. Plasma Physics and Controlled Fusion, 2016, 58, 044001.	2.1	18
49	Positive streamer initiation from raindrops in thundercloud fields. Journal of Geophysical Research D: Atmospheres, 2016, 121, 6393-6403.	3.3	22
50	Numerical simulation of positive streamer development in thundercloud field enhanced near raindrops. JETP Letters, 2016, 103, 449-454.	1.4	2
51	A model for electric field enhancement in lightning leader tips to levels allowing Xâ€ray and Î³ ray emissions. Journal of Geophysical Research: Space Physics, 2015, 120, 5087-5100.	2.4	37
52	Runaway electrons from a â€˜beam-bulkâ€™ model of streamer: application to TGFs. Environmental Research Letters, 2014, 9, 055003.	5.2	28
53	Tropical cyclone cloudâ€top height and vertical temperature structure detection using GPS radio occultation measurements. Journal of Geophysical Research D: Atmospheres, 2013, 118, 5247-5259.	3.3	39
54	On the electric breakdown field of the mesosphere and the influence of electron detachment. Geophysical Research Letters, 2013, 40, 2373-2377.	4.0	13

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55	Gamma-Light: High-Energy Astrophysics above 10 MeV. Nuclear Physics, Section B, Proceedings Supplements, 2013, 239-240, 193-198.	0.4	18
56	Bending Angle and Temperature Climatologies from Global Positioning System Radio Occultations. Dataset Papers in Geosciences, 2013, 2013, 1-5.	0.3	0
57	Thermal structure of intense convective clouds derived from GPS radio occultations. Atmospheric Chemistry and Physics, 2012, 12, 5309-5318.	4.9	61
58	The properties of a gigantic jet reflected in a simultaneous sprite: Observations interpreted by a model. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	25
59	Relativistic electron beams above thunderclouds. Atmospheric Chemistry and Physics, 2011, 11, 7747-7754.	4.9	22
60	Measurements of the upper troposphere and lower stratosphere during tropical cyclones using the GPS radio occultation technique. Advances in Space Research, 2011, 47, 348-355.	2.6	10
61	Radio occultation bending angle anomalies during tropical cyclones. Atmospheric Measurement Techniques, 2011, 4, 1053-1060.	3.1	14
62	Production of runaway electrons by negative streamer discharges. Journal of Geophysical Research, 2010, 115, .	3.3	86
63	VLF observations of ionospheric disturbances in association with TLEs from the EuroSpriteâ€2007 campaign. Journal of Geophysical Research, 2010, 115, .	3.3	23
64	More evidence for a oneâ€toâ€one correlation between Sprites and Early VLF perturbations. Journal of Geophysical Research, 2010, 115, .	3.3	31
65	Characteristics and conditions of production of transient luminous events observed over a maritime storm. Journal of Geophysical Research, 2010, 115, .	3.3	22
66	Relativistic runaway breakdown in lowâ€frequency radio. Journal of Geophysical Research, 2010, 115, .	3.3	23
67	ASIMâ€”an Instrument Suite for the International Space Station. , 2009, , .		20
68	ELF/VLF signatures of sprite-producing lightning discharges observed during the 2005 EuroSprite campaign. Journal of Atmospheric and Solar-Terrestrial Physics, 2009, 71, 1254-1266.	1.6	13
69	Analysis of thunderstorm and lightning activity associated with sprites observed during the EuroSprite campaigns: Two case studies. Atmospheric Research, 2009, 91, 514-528.	4.1	53
70	A PIC-MCC code for simulation of streamer propagation in air. Journal of Computational Physics, 2008, 227, 7222-7245.	3.8	140
71	Recent Results from Studies of Electric Discharges in the Mesosphere. Surveys in Geophysics, 2008, 29, 71-137.	4.6	114
72	Parameterisation of the chemical effect of sprites in the middle atmosphere. Annales Geophysicae, 2008, 26, 13-27.	1.6	49

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73	New model simulations of the global atmospheric electric circuit driven by thunderstorms and electrified shower clouds: The roles of lightning and sprites. Journal of Atmospheric and Solar-Terrestrial Physics, 2007, 69, 2485-2509.	1.6	96
74	The Planetary rate of sprite events. Geophysical Research Letters, 2006, 33, .	4.0	33
75	Observations of the relationship between sprite morphology and in-cloud lightning processes. Journal of Geophysical Research, 2006, 111, .	3.3	79
76	Is there a unique signature in the ULF response to sprite-associated lightning flashes?. Journal of Geophysical Research, 2006, 111, .	3.3	17
77	â€œEarly/slowâ€•events: A new category of VLF perturbations observed in relation with sprites. Journal of Geophysical Research, 2006, 111, .	3.3	47
78	Early VLF perturbations observed in association with elves. Annales Geophysicae, 2006, 24, 2179-2189.	1.6	35
79	Co-ordinated observations of transient luminous events during the EuroSprite2003 campaign. Journal of Atmospheric and Solar-Terrestrial Physics, 2005, 67, 807-820.	1.6	81
80	Subionospheric VLF signatures and their association with sprites observed during EuroSprite-2003. Journal of Atmospheric and Solar-Terrestrial Physics, 2005, 67, 1580-1597.	1.6	39
81	Optical observations geomagnetically conjugate to sprite-producing lightning discharges. Annales Geophysicae, 2005, 23, 2231-2237.	1.6	6
82	Identification of infrasound produced by sprites during the Sprite2003 campaign. Geophysical Research Letters, 2005, 32, .	4.0	63
83	Relativistic electron beam injection from spacecraft: performance and applications. Advances in Space Research, 2004, 34, 2409-2412.	2.6	16
84	Subionospheric early VLF signal perturbations observed in one-to-one association with sprites. Journal of Geophysical Research, 2004, 109, .	3.3	66
85	ATMOSPHERIC SCIENCE: Enhanced: On Sprites and Their Exotic Kin. Science, 2003, 300, 747-749.	12.6	64
86	Small-scale, field-aligned currents at the top-side ionosphere. Geophysical Research Letters, 2003, 30, .	4.0	53
87	Observation of angel sprites. COSPAR Colloquia Series, 2002, 12, 289-294.	0.2	2
88	Particle simulations of relativistic electron beam injection from spacecraft. Journal of Geophysical Research, 2002, 107, SIA 9-1-SIA 9-10.	3.3	14
89	Ã˜rsted verifies regional magnetic anomalies of the Antarctic lithosphere. Geophysical Research Letters, 2002, 29, ORS 3-1-ORS 3-3.	4.0	6
90	A new model of field-aligned currents derived from high-precision satellite magnetic field data. Geophysical Research Letters, 2002, 29, 28-1-28-4.	4.0	165

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91	Seasonal variations of high-latitude field-aligned currents inferred from Ã˜rsted and Magsat observations. Journal of Geophysical Research, 2002, 107, SMP 5-1-SMP 5-13.	3.3	119
92	Cosmic influences on the atmosphere. Astronomy and Geophysics, 2002, 43, 6.9-6.12.	0.2	5
93	3D electromagnetic PIC simulations of relativistic electron pulse injections from spacecraft. Advances in Space Research, 2002, 29, 1385-1390.	2.6	4
94	Ã˜rsted satellite captures high-precision geomagnetic field data. Eos, 2001, 82, 81-88.	0.1	99
95	Sprites over Europe. Geophysical Research Letters, 2001, 28, 3585-3588.	4.0	68
96	Field-aligned currents during IMF â^¼0. Geophysical Research Letters, 2001, 28, 3055-3058.	4.0	16
97	Emission of whistler and electromagnetic waves from an electron shear-flow instability in a plasma. Physics Letters, Section A: General, Atomic and Solid State Physics, 2000, 265, 103-110.	2.1	2
98	Simulation on Emission of Whistler and Electromagnetic Waves from Kelvin-Helmholtz Instability Region in a Plasma. Progress of Theoretical Physics Supplement, 2000, 138, 722-723.	0.1	0
99	Ã˜rsted Initial Field Model. Geophysical Research Letters, 2000, 27, 3607-3610.	4.0	120
100	Dual-purpose camera for terrestrial x- and gamma-ray observations. , 1999, , .		1
101	‹title›Development of large-area CZT detector systems‹/title›. , 1999, , .		3
102	Emission of Electromagnetic Waves from Langmuir Waves Generated by Electron Beam Instability in Pair Plasmas. Journal of the Physical Society of Japan, 1999, 68, 471-477.	1.6	10
103	Passive remote sensing of artificial relativistic electron beams in the middle atmosphere. , 1999, , .		2
104	Generation of a Small-Scale Quasi-Static Magnetic Field and Fast Particles during the Collision of Electron-Positron Plasma Clouds. Astrophysical Journal, 1998, 498, L183-L186.	4.5	119
105	Magnetic Field Generation during the Collision of Electron-Ion Plasma Clouds. Journal of the Physical Society of Japan, 1998, 67, 1079-1082.	1.6	25
106	Electromagnetic Wave Emission from Kelvin-Helmholtz Instability Region in Pair Plasmas. Journal of the Physical Society of Japan, 1998, 67, 2170-2173.	1.6	3
107	Excitation of large-amplitude AlfvÃ©n waves in a nonrelativistic electronâ€“positron plasma with a temperature anisotropy TâŠ¥›Tâˆ¥. Physics of Plasmas, 1997, 4, 3501-3508.	1.9	3
108	Generation of Langmuir Waves from AlfvÃ©n Waves by the Plasma Maser in Pair Plasmas. Journal of the Physical Society of Japan, 1997, 66, 3470-3476.	1.6	7

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109	Study of nonlinear alfven waves in an electron-positron plasma with a 3-D EM particle code. Advances in Space Research, 1997, 19, 117-120.	2.6	5
110	Generation of Langmuir Waves from Whistler Waves by the Plasma Maser. Journal of the Physical Society of Japan, 1997, 66, 525-528.	1.6	6
111	Relativistic electron beam propagation in the Earth's atmosphere: Modeling results. Geophysical Research Letters, 1996, 23, 1009-1012.	4.0	24
112	Electron acceleration by nonlinear plasma waves resonantly driven with optimized high-intensity laser pulse trains. AIP Conference Proceedings, 1996, , .	0.4	0
113	Coalescence of two current loops with a kink instability simulated by a 3-D EM particle code. Advances in Space Research, 1996, 17, 125-128.	2.6	0
114	Solar wind-magnetosphere interaction as simulated by a 3-D EM particle code: A 3-D reconnection at the magnetopause. Advances in Space Research, 1996, 18, 263-266.	2.6	9
115	Solar wind-magnetosphere interaction as simulated by a 3-D em particle code. Astrophysics and Space Science, 1995, 227, 265-276.	1.4	8
116	AMPAS â€" A new active experiment mission. Advances in Space Research, 1995, 15, 3-12.	2.6	1
117	New aspects of whistler waves driven by an electron beam studied by a 3-D electromagnetic code. Advances in Space Research, 1995, 15, 17-20.	2.6	2
118	Solar wind-magnetosphere interaction as simulated by a 3D, EM particle code. Geophysical Monograph Series, 1995, , 347-356.	0.1	10
119	Resonantly laser-driven plasma waves for electron acceleration. Physical Review E, 1995, 51, 3484-3497.	2.1	35
120	The SEPAC artificial aurora. Geophysical Research Letters, 1995, 22, 2469-2472.	4.0	7
121	Solar Wind-Magnetosphere Interaction as Simulated by a 3-D EM Particle Code. , 1995, , 265-276.		4
122	Interactions between the space experiments with particle plasma contactor and the ionosphere. Journal of Spacecraft and Rockets, 1994, 31, 1079-1084.	1.9	13
123	Relativistic particle acceleration in an electronâ€"positron plasma with a relativistic electron beam. Physics of Plasmas, 1994, 1, 4114-4119.	1.9	27
124	Study of nonlinear AlfvÃ©n waves in an electronâ€"positron plasma with a threeâ€dimensional electromagnetic particle code. Physics of Plasmas, 1994, 1, 103-108.	1.9	44
125	Space experiments with particle accelerators: SEPAC. Advances in Space Research, 1994, 14, 263-270.	2.6	2
126	New aspects of whistler waves driven by an electron beam studied by a 3-D electromagnetic code. Geophysical Research Letters, 1994, 21, 1019-1022.	4.0	20

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127	Observations of ionosphere heating in the TSS-1 subsatellite presheath. Journal of Geophysical Research, 1994, 99, 8961.	3.3	11
128	A unified theory of ionosphere-plasmasphere transport of suprathermal electrons. IEEE Transactions on Plasma Science, 1994, 22, 187-198.	1.3	35
129	Coalescence of two current loops with a kink instability simulated by a three-dimensional electromagnetic particle code. Astrophysical Journal, 1994, 434, 363.	4.5	19
130	Artificial auroras in the upper atmosphere 1. Electron beam injections. Geophysical Research Letters, 1993, 20, 491-494.	4.0	15
131	A kinetic description of electron beam ejection from spacecraft. Geophysical Research Letters, 1993, 20, 1999-2002.	4.0	8
132	Solar wind-magnetosphere interaction as simulated by a 3-D EM particle code. IEEE Transactions on Plasma Science, 1992, 20, 810-816.	1.3	50
133	The dynamics of lowâ€ plasma clouds as simulated by a threeâ€dimensional, electromagnetic particle code. Journal of Geophysical Research, 1992, 97, 12057-12072.	3.3	36
134	Recent results from studies of electron beam phenomena in space plasmas. Planetary and Space Science, 1992, 40, 153-183.	1.7	66
135	Observations of plasma wave turbulence generated around large ionospheric spacecraft: Effects of motionally induced EMF and of electron beam emission. Journal of Geophysical Research, 1991, 96, 9639-9654.	3.3	11
136	Estimating radiated power from a conducting tethered satellite system. Journal of Geophysical Research, 1991, 96, 21245-21253.	3.3	9
137	Ground level signal strength of electromagnetic waves generated by pulsed electron beams in space. Planetary and Space Science, 1991, 39, 1527-1535.	1.7	4
138	Kinetic equilibria of plasma shear layers. Physics of Fluids B, 1990, 2, 75-85.	1.7	40
139	Charge-2 rocket observations of vehicle charging and charge neutralization. Advances in Space Research, 1990, 10, 133-136.	2.6	10
140	Waves generated by pulsed electron beams. Advances in Space Research, 1990, 10, 137-142.	2.6	4
141	Computer modeling of current collection by the Chargeâ€ mother payload. Geophysical Research Letters, 1990, 17, 135-138.	4.0	15
142	Electron collection enhancement arising from neutral gas jets on a charged vehicle in the ionosphere. Journal of Geophysical Research, 1990, 95, 2469-2475.	3.3	35
143	The sheath structure around a negatively charged rocket payload. Journal of Geophysical Research, 1990, 95, 6155-6165.	3.3	18
144	VLF wave emissions by pulsed and DC electron beams in space: 2. Analysis of Spacelab 2 results. Journal of Geophysical Research, 1990, 95, 6505-6517.	3.3	12

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145	Spacelab 2 electron beam wave stimulation: Studies of important parameters. Journal of Geophysical Research, 1990, 95, 10655-10670.	3.3	7
146	The interaction of an artificial electron beam with the Earth's upper atmosphere: Effects on spacecraft charging and the nearâ€plasma environment. Journal of Geophysical Research, 1990, 95, 12209-12217.	3.3	15
147	A comparison of currentâ€voltage relationships of collectors in the Earth's ionosphere with and without electron beam emission. Geophysical Research Letters, 1989, 16, 365-368.	4.0	34
148	Magnetic fields in the vicinity of pulsed electron beams in space. Planetary and Space Science, 1988, 36, 469-470.	1.7	12
149	VLF wave stimulation by pulsed electron beams injected from the space shuttle. Journal of Geophysical Research, 1988, 93, 162-174.	3.3	16
150	VLF wave emissions by pulsed and DC electron beams in space, 1, Spacelab 2 observations. Journal of Geophysical Research, 1988, 93, 14699-14718.	3.3	13
151	Pulsed electron beam emission in space.. Journal of Geomagnetism and Geoelectricity, 1988, 40, 1221-1233.	0.9	20
152	Electromagnetic fields from pulsed electron beam experiments in space: Spacelabâ€2 results. Geophysical Research Letters, 1987, 14, 1015-1018.	4.0	23
153	Resonance between coherent whistler mode waves and electrons in the topside ionosphere. Journal of Geophysical Research, 1987, 92, 255-265.	3.3	21
154	ELF oscillations associated with electron beam injections from the space shuttle. Journal of Geophysical Research, 1987, 92, 12451-12457.	3.3	13
155	Waves generated during electron beam emissions from the space shuttle. Journal of Geophysical Research, 1986, 91, 11321-11329.	3.3	33
156	Stimulated Scattering of Whistler Waves by Ion Acoustic Waves in the Magnetosphere. Physica Scripta, 1982, 26, 239-247.	2.5	8
157	The EuroSprite2005 Observational Campaign: an example of training and outreach opportunities for CAL young scientists. Advances in Geosciences, 0, 13, 3-9.	12.0	12
158	General processes responsible for the space leader birth in streamer coronas of negative leaders. Plasma Research Express, 0, , .	0.9	4