

# 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	A new model of field-aligned currents derived from high-precision satellite magnetic field data. <i>Geophysical Research Letters</i> , 2002, 29, 28-1-28-4.	4.0	165
2	A PIC-MCC code for simulation of streamer propagation in air. <i>Journal of Computational Physics</i> , 2008, 227, 7222-7245.	3.8	140
3	Årsted Initial Field Model. <i>Geophysical Research Letters</i> , 2000, 27, 3607-3610.	4.0	120
4	Generation of a Small-Scale Quasi-Static Magnetic Field and Fast Particles during the Collision of Electron-Positron Plasma Clouds. <i>Astrophysical Journal</i> , 1998, 498, L183-L186.	4.5	119
5	Seasonal variations of high-latitude field-aligned currents inferred from Årsted and Magsat observations. <i>Journal of Geophysical Research</i> , 2002, 107, SMP 5-1-SMP 5-13.	3.3	119
6	Recent Results from Studies of Electric Discharges in the Mesosphere. <i>Surveys in Geophysics</i> , 2008, 29, 71-137.	4.6	114
7	Årsted satellite captures high-precision geomagnetic field data. <i>Eos</i> , 2001, 82, 81-88.	0.1	99
8	New model simulations of the global atmospheric electric circuit driven by thunderstorms and electrified shower clouds: The roles of lightning and sprites. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2007, 69, 2485-2509.	1.6	96
9	The ASIM Mission on the International Space Station. <i>Space Science Reviews</i> , 2019, 215, 1.	8.1	93
10	Production of runaway electrons by negative streamer discharges. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	86
11	Co-ordinated observations of transient luminous events during the EuroSprite2003 campaign. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2005, 67, 807-820.	1.6	81
12	Observations of the relationship between sprite morphology and in-cloud lightning processes. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	79
13	Sprites over Europe. <i>Geophysical Research Letters</i> , 2001, 28, 3585-3588.	4.0	68
14	Recent results from studies of electron beam phenomena in space plasmas. <i>Planetary and Space Science</i> , 1992, 40, 153-183.	1.7	66
15	Subionospheric early VLF signal perturbations observed in one-to-one association with sprites. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	66
16	ATMOSPHERIC SCIENCE: Enhanced: On Sprites and Their Exotic Kin. <i>Science</i> , 2003, 300, 747-749.	12.6	64
17	Identification of infrasound produced by sprites during the Sprite2003 campaign. <i>Geophysical Research Letters</i> , 2005, 32, .	4.0	63
18	Thermal structure of intense convective clouds derived from GPS radio occultations. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 5309-5318.	4.9	61

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19	A terrestrial gamma-ray flash and ionospheric ultraviolet emissions powered by lightning. <i>Science</i> , 2020, 367, 183-186.	12.6	60
20	Profuse activity of blue electrical discharges at the tops of thunderstorms. <i>Geophysical Research Letters</i> , 2017, 44, 496-503.	4.0	55
21	Small-scale, field-aligned currents at the top-side ionosphere. <i>Geophysical Research Letters</i> , 2003, 30, .	4.0	53
22	Analysis of thunderstorm and lightning activity associated with sprites observed during the EuroSprite campaigns: Two case studies. <i>Atmospheric Research</i> , 2009, 91, 514-528.	4.1	53
23	The Modular Multispectral Imaging Array (MMIA) of the ASIM Payload on the International Space Station. <i>Space Science Reviews</i> , 2019, 215, 1.	8.1	53
24	First 10 Months of TGF Observations by ASIM. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 14024-14036.	3.3	52
25	Solar wind-magnetosphere interaction as simulated by a 3-D EM particle code. <i>IEEE Transactions on Plasma Science</i> , 1992, 20, 810-816.	1.3	50
26	Parameterisation of the chemical effect of sprites in the middle atmosphere. <i>Annales Geophysicae</i> , 2008, 26, 13-27.	1.6	49
27	“Early/slow” events: A new category of VLF perturbations observed in relation with sprites. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	47
28	Study of nonlinear Alfvén waves in an electron-positron plasma with a three-dimensional electromagnetic particle code. <i>Physics of Plasmas</i> , 1994, 1, 103-108.	1.9	44
29	The Modular X- and Gamma-Ray Sensor (MXGS) of the ASIM Payload on the International Space Station. <i>Space Science Reviews</i> , 2019, 215, 1.	8.1	42
30	Kinetic equilibria of plasma shear layers. <i>Physics of Fluids B</i> , 1990, 2, 75-85.	1.7	40
31	Subionospheric VLF signatures and their association with sprites observed during EuroSprite-2003. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2005, 67, 1580-1597.	1.6	39
32	Tropical cyclone cloud-top height and vertical temperature structure detection using GPS radio occultation measurements. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 5247-5259.	3.3	39
33	Blue Optical Observations of Narrow Bipolar Events by ASIM Suggest Corona Streamer Activity in Thunderstorms. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2020JD032708.	3.3	38
34	A model for electric field enhancement in lightning leader tips to levels allowing X-ray and $\beta$ ray emissions. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 5087-5100.	2.4	37
35	The dynamics of low- $\beta$ plasma clouds as simulated by a three-dimensional, electromagnetic particle code. <i>Journal of Geophysical Research</i> , 1992, 97, 12057-12072.	3.3	36
36	Electron collection enhancement arising from neutral gas jets on a charged vehicle in the ionosphere. <i>Journal of Geophysical Research</i> , 1990, 95, 2469-2475.	3.3	35

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37	A unified theory of ionosphere-plasmasphere transport of suprathermal electrons. IEEE Transactions on Plasma Science, 1994, 22, 187-198.	1.3	35
38	Resonantly laser-driven plasma waves for electron acceleration. Physical Review E, 1995, 51, 3484-3497.	2.1	35
39	Early VLF perturbations observed in association with elves. Annales Geophysicae, 2006, 24, 2179-2189.	1.6	35
40	A comparison of current-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
41	Waves generated during electron beam emissions from the space shuttle. Journal of Geophysical Research, 1986, 91, 11321-11329.	3.3	33
42	The Planetary rate of sprite events. Geophysical Research Letters, 2006, 33, .	4.0	33
43	Electron acceleration during streamer collisions in air. Geophysical Research Letters, 2017, 44, 2604-2613.	4.0	33
44	More evidence for a one-to-one correlation between <i>Sprites</i> and <i>Early</i> VLF perturbations. Journal of Geophysical Research, 2010, 115, .	3.3	31
45	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
46	Runaway electrons from a "beam-bulk" model of streamer: application to TGFs. Environmental Research Letters, 2014, 9, 055003.	5.2	28
47	Relativistic particle acceleration in an electron-positron plasma with a relativistic electron beam. Physics of Plasmas, 1994, 1, 4114-4119.	1.9	27
48	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
49	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
50	Relativistic electron beam propagation in the Earth's atmosphere: Modeling results. Geophysical Research Letters, 1996, 23, 1009-1012.	4.0	24
51	Spectral Observations of Optical Emissions Associated With Terrestrial Gamma-Ray Flashes. Geophysical Research Letters, 2021, 48, 2020GL090700.	4.0	24
52	Electromagnetic fields from pulsed electron beam experiments in space: Spacelab-2 results. Geophysical Research Letters, 1987, 14, 1015-1018.	4.0	23
53	VLF observations of ionospheric disturbances in association with TLEs from the EuroSprite-2007 campaign. Journal of Geophysical Research, 2010, 115, .	3.3	23
54	Relativistic runaway breakdown in low-frequency radio. Journal of Geophysical Research, 2010, 115, .	3.3	23

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55	Characteristics and conditions of production of transient luminous events observed over a maritime storm. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	22
56	Relativistic electron beams above thunderclouds. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 7747-7754.	4.9	22
57	Positive streamer initiation from raindrops in thundercloud fields. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 6393-6403.	3.3	22
58	Resonance between coherent whistler mode waves and electrons in the topside ionosphere. <i>Journal of Geophysical Research</i> , 1987, 92, 255-265.	3.3	21
59	Optical emissions associated with narrow bipolar events from thunderstorm clouds penetrating into the stratosphere. <i>Nature Communications</i> , 2021, 12, 6631.	12.8	21
60	New aspects of whistler waves driven by an electron beam studied by a 3-D electromagnetic code. <i>Geophysical Research Letters</i> , 1994, 21, 1019-1022.	4.0	20
61	ASIMâ€™an Instrument Suite for the International Space Station. , 2009, , .		20
62	The role of charged ice hydrometeors in lightning initiation. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2017, 154, 43-46.	1.6	20
63	Observation of the onset of a blue jet into the stratosphere. <i>Nature</i> , 2021, 589, 371-375.	27.8	20
64	Modeling lightning observations from space-based platforms (CloudScat.jl 1.0). <i>Geoscientific Model Development</i> , 2020, 13, 5549-5566.	3.6	20
65	Pulsed electron beam emission in space.. <i>Journal of Geomagnetism and Geoelectricity</i> , 1988, 40, 1221-1233.	0.9	20
66	Very-high-frequency oscillations in the main peak of a magnetar giant flare. <i>Nature</i> , 2021, 600, 621-624.	27.8	20
67	The influence of bremsstrahlung on electric discharge streamers in $N_2$ , $O_2$ gas mixtures. <i>Plasma Sources Science and Technology</i> , 2017, 26, 015006.	3.1	19
68	Streamer properties and associated x-rays in perturbed air. <i>Plasma Sources Science and Technology</i> , 2018, 27, 015017.	3.1	19
69	Coalescence of two current loops with a kink instability simulated by a three-dimensional electromagnetic particle code. <i>Astrophysical Journal</i> , 1994, 434, 363.	4.5	19
70	The sheath structure around a negatively charged rocket payload. <i>Journal of Geophysical Research</i> , 1990, 95, 6155-6165.	3.3	18
71	Gamma-Light: High-Energy Astrophysics above 10 MeV. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2013, 239-240, 193-198.	0.4	18
72	Influence of the angular scattering of electrons on the runaway threshold in air. <i>Plasma Physics and Controlled Fusion</i> , 2016, 58, 044001.	2.1	18

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73	High-Energy Emissions Induced by Air Density Fluctuations of Discharges. Geophysical Research Letters, 2018, 45, 5194-5203.	4.0	18
74	A three-dimensional model of streamer discharges in unsteady airflow. Plasma Sources Science and Technology, 2021, 30, 045012.	3.1	18
75	Is there a unique signature in the ULF response to sprite-associated lightning flashes?. Journal of Geophysical Research, 2006, 111, .	3.3	17
76	Blue Flashes as Counterparts to Narrow Bipolar Events: The Optical Signal of Shallow In-Cloud Discharges. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2021JD035013.	3.3	17
77	Global Frequency and Geographical Distribution of Nighttime Streamer Corona Discharges (BLUEs) in Thunderclouds. Geophysical Research Letters, 2021, 48, e2021GL094657.	4.0	17
78	VLF wave stimulation by pulsed electron beams injected from the space shuttle. Journal of Geophysical Research, 1988, 93, 162-174.	3.3	16
79	Field-aligned currents during IMF $\sim 1/40$ . Geophysical Research Letters, 2001, 28, 3055-3058.	4.0	16
80	Relativistic electron beam injection from spacecraft: performance and applications. Advances in Space Research, 2004, 34, 2409-2412.	2.6	16
81	Climatology of Transient Luminous Events and Lightning Observed Above Europe and the Mediterranean Sea. Surveys in Geophysics, 2020, 41, 167-199.	4.6	16
82	Computer modeling of current collection by the Charge-2 mother payload. Geophysical Research Letters, 1990, 17, 135-138.	4.0	15
83	The interaction of an artificial electron beam with the Earth's upper atmosphere: Effects on spacecraft charging and the near-plasma environment. Journal of Geophysical Research, 1990, 95, 12209-12217.	3.3	15
84	Artificial auroras in the upper atmosphere 1. Electron beam injections. Geophysical Research Letters, 1993, 20, 491-494.	4.0	15
85	Comparison of High-Speed Optical Observations of a Lightning Flash From Space and the Ground. Earth and Space Science, 2020, 7, e2020EA001249.	2.6	15
86	Simultaneous Observations of EIP, TGF, Elve, and Optical Lightning. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2020JD033921.	3.3	15
87	Particle simulations of relativistic electron beam injection from spacecraft. Journal of Geophysical Research, 2002, 107, SIA 9-1-SIA 9-10.	3.3	14
88	Radio occultation bending angle anomalies during tropical cyclones. Atmospheric Measurement Techniques, 2011, 4, 1053-1060.	3.1	14
89	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
90	A Simultaneous Observation of Lightning by ASIM, Colombia-Lightning Mapping Array, GLM, and ISS-LIS. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2020JD033735.	3.3	14

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91	ELF oscillations associated with electron beam injections from the space shuttle. Journal of Geophysical Research, 1987, 92, 12451-12457.	3.3	13
92	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
93	Interactions between the space experiments with particle plasma contactor and the ionosphere. Journal of Spacecraft and Rockets, 1994, 31, 1079-1084.	1.9	13
94	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
95	On the electric breakdown field of the mesosphere and the influence of electron detachment. Geophysical Research Letters, 2013, 40, 2373-2377.	4.0	13
96	Magnetic fields in the vicinity of pulsed electron beams in space. Planetary and Space Science, 1988, 36, 469-470.	1.7	12
97	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
98	Observation of Terrestrial Gamma-Ray Flashes at Mid Latitude. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2020JD034432.	3.3	12
99	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
100	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
101	Production of Terrestrial Gamma-Ray Flashes During the Early Stages of Lightning Flashes. Journal of Geophysical Research D: Atmospheres, 2022, 127, .	3.3	12
102	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
103	Observations of ionosphere heating in the TSS-1 subsatellite presheath. Journal of Geophysical Research, 1994, 99, 8961.	3.3	11
104	Streamer propagation in the atmosphere of Titan and other N <sub>2</sub> :CH <sub>4</sub> mixtures compared to N <sub>2</sub> :O <sub>2</sub> mixtures. Icarus, 2019, 333, 294-305.	2.5	11
105	The Sensitivity of Sprite Streamer Inception on the Initial Electron Ion Patch. Journal of Geophysical Research: Space Physics, 2019, 124, 3083-3099.	2.4	11
106	Terrestrial Gamma-Ray Flashes With Accompanying Elves Detected by ASIM. Journal of Geophysical Research D: Atmospheres, 2022, 127, .	3.3	11
107	Charge-2 rocket observations of vehicle charging and charge neutralization. Advances in Space Research, 1990, 10, 133-136.	2.6	10
108	Solar wind-magnetosphere interaction as simulated by a 3D, EM particle code. Geophysical Monograph Series, 1995, , 347-356.	0.1	10

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109	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
110	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
111	VLF Signal Anomalies During Cyclone Activity in the Atlantic Ocean. Geophysical Research Letters, 2018, 45, 10,185.	4.0	10
112	Spectral Analysis of Individual Terrestrial Gamma-Ray Flashes Detected by ASIM. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2021JD035347.	3.3	10
113	Estimating radiated power from a conducting tethered satellite system. Journal of Geophysical Research, 1991, 96, 21245-21253.	3.3	9
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	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
116	Initiation of lightning flashes simultaneously observed from space and the ground: Narrow bipolar events. Atmospheric Research, 2022, 268, 105981.	4.1	9
117	Stimulated Scattering of Whistler Waves by Ion Acoustic Waves in the Magnetosphere. Physica Scripta, 1982, 26, 239-247.	2.5	8
118	A kinetic description of electron beam ejection from spacecraft. Geophysical Research Letters, 1993, 20, 1999-2002.	4.0	8
119	Solar wind-magnetosphere interaction as simulated by a 3-D em particle code. Astrophysics and Space Science, 1995, 227, 265-276.	1.4	8
120	The First Terrestrial Electron Beam Observed by the Atmosphere-Space Interactions Monitor. Journal of Geophysical Research: Space Physics, 2019, 124, 10497-10511.	2.4	8
121	Observations of Blue Corona Discharges in Thunderclouds. Geophysical Research Letters, 2022, 49, .	4.0	8
122	Spacelab 2 electron beam wave stimulation: Studies of important parameters. Journal of Geophysical Research, 1990, 95, 10655-10670.	3.3	7
123	The SEPAC artificial aurora. Geophysical Research Letters, 1995, 22, 2469-2472.	4.0	7
124	Generation of Langmuir Waves from Alfvén Waves by the Plasma Maser in Pair Plasmas. Journal of the Physical Society of Japan, 1997, 66, 3470-3476.	1.6	7
125	Analyses of electron runaway in front of the negative streamer channel. Journal of Geophysical Research: Space Physics, 2017, 122, 8974-8984.	2.4	7
126	Multi-Pulse Corona Discharges in Thunderclouds Observed in Optical and Radio Bands. Geophysical Research Letters, 2022, 49, .	4.0	7

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127	Årsted verifies regional magnetic anomalies of the Antarctic lithosphere. Geophysical Research Letters, 2002, 29, ORS 3-1-ORS 3-3.	4.0	6
128	Optical observations geomagnetically conjugate to sprite-producing lightning discharges. Annales Geophysicae, 2005, 23, 2231-2237.	1.6	6
129	Constraining Spectral Models of a Terrestrial Gamma-Ray Flash From a Terrestrial Electron Beam Observation by the Atmosphere-Space Interactions Monitor. Geophysical Research Letters, 2021, 48, e2021GL093152.	4.0	6
130	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
131	Study of nonlinear alfvén waves in an electron-positron plasma with a 3-D EM particle code. Advances in Space Research, 1997, 19, 117-120.	2.6	5
132	Cosmic influences on the atmosphere. Astronomy and Geophysics, 2002, 43, 6.9-6.12.	0.2	5
133	Assessment of Unusual Gigantic Jets observed during the Monsoon season: First observations from Indian Subcontinent. Scientific Reports, 2017, 7, 16436.	3.3	5
134	Waves generated by pulsed electron beams. Advances in Space Research, 1990, 10, 137-142.	2.6	4
135	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
136	3D electromagnetic PIC simulations of relativistic electron pulse injections from spacecraft. Advances in Space Research, 2002, 29, 1385-1390.	2.6	4
137	Dynamics of negative coronas in airflow. Plasma Sources Science and Technology, 2021, 30, 105001.	3.1	4
138	Solar Wind-Magnetosphere Interaction as Simulated by a 3-D EM Particle Code. , 1995, , 265-276.		4
139	General processes responsible for the space leader birth in streamer coronas of negative leaders. Plasma Research Express, 0, , .	0.9	4
140	Excitation of large-amplitude Alfvén waves in a nonrelativistic electron-positron plasma with a temperature anisotropy $T_{\perp} > T_{\parallel}$ . Physics of Plasmas, 1997, 4, 3501-3508.	1.9	3
141	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
142	<title>Development of large-area CZT detector systems</title>. , 1999, , .		3
143	Converging Luminosity in Column-Sprite Filaments. Geophysical Research Letters, 2021, 48, e2020GL090364.	4.0	3
144	Multispectral Optical Diagnostics of Lightning from Space. Remote Sensing, 2022, 14, 2057.	4.0	3

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145	Space experiments with particle accelerators: SEPAC. <i>Advances in Space Research</i> , 1994, 14, 263-270.	2.6	2
146	New aspects of whistler waves driven by an electron beam studied by a 3-D electromagnetic code. <i>Advances in Space Research</i> , 1995, 15, 17-20.	2.6	2
147	Emission of whistler and electromagnetic waves from an electron shear-flow instability in a plasma. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2000, 265, 103-110.	2.1	2
148	Observation of angel sprites. <i>COSPAR Colloquia Series</i> , 2002, 12, 289-294.	0.2	2
149	Numerical simulation of positive streamer development in thundercloud field enhanced near raindrops. <i>JETP Letters</i> , 2016, 103, 449-454.	1.4	2
150	Passive remote sensing of artificial relativistic electron beams in the middle atmosphere. , 1999, , .		2
151	Underlying mechanism of the stagnation of positive streamers. <i>Plasma Sources Science and Technology</i> , 2021, 30, 115014.	3.1	2
152	AMPAS " A new active experiment mission. <i>Advances in Space Research</i> , 1995, 15, 3-12.	2.6	1
153	Dual-purpose camera for terrestrial x- and gamma-ray observations. , 1999, , .		1
154	Dancing Sprites Above a Lightning Mapping Array"An Analysis of the Storm and Flash/Sprite Developments. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD035059.	3.3	1
155	Electron acceleration by nonlinear plasma waves resonantly driven with optimized high-intensity laser pulse trains. <i>AIP Conference Proceedings</i> , 1996, , .	0.4	0
156	Coalescence of two current loops with a kink instability simulated by a 3-D EM particle code. <i>Advances in Space Research</i> , 1996, 17, 125-128.	2.6	0
157	Simulation on Emission of Whistler and Electromagnetic Waves from Kelvin-Helmholtz Instability Region in a Plasma. <i>Progress of Theoretical Physics Supplement</i> , 2000, 138, 722-723.	0.1	0
158	Bending Angle and Temperature Climatologies from Global Positioning System Radio Occultations. <i>Dataset Papers in Geosciences</i> , 2013, 2013, 1-5.	0.3	0