S Peter Gary

List of Publications by Year
in descending order

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155 papers	9,570 citations	28190 55 h-index	51492 86 g-index
156 all docs	156 docs citations	156 times ranked	2301 citing authors

#	Article	IF	Citations
1	Solar wind electrons. Journal of Geophysical Research, 1975, 80, 4181-4196.	3.3	651
2	Wind/SWE observations of firehose constraint on solar wind proton temperature anisotropy. Geophysical Research Letters, 2002, 29, 20-1-20-4.	1.5	237
3	Electromagnetic ion beam instabilities. Physics of Fluids, 1984, 27, 1852.	1.4	231
4	Magnetic spectral signatures in the Earth's magnetosheath and plasma depletion layer. Journal of Geophysical Research, 1994, 99, 5877.	3.3	229
5	The mirror and ion cyclotron anisotropy instabilities. Journal of Geophysical Research, 1992, 97, 8519-8529.	3.3	215
6	Solar wind magnetic fluctuation spectra: Dispersion versus damping. Journal of Geophysical Research, 2001, 106, 8273-8281.	3.3	191
7	Hot Solar-Wind Helium: Direct Evidence for Local Heating by AlfvÃ©n-Cyclotron Dissipation. Physical Review Letters, 2008, 101, 261103.	2.9	177
8	Whistler instability: Electron anisotropy upper bound. Journal of Geophysical Research, 1996, 101, 10749-10754.	3.3	160
9	Heat flux instabilities in the solar wind. Journal of Geophysical Research, 1975, 80, 4197-4203.	3.3	134
10	The proton cyclotron instability and the anisotropy/Î² inverse correlation. Journal of Geophysical Research, 1994, 99, 5903.	3.3	125
11	INSTABILITY-DRIVEN LIMITS ON HELIUM TEMPERATURE ANISOTROPY IN THE SOLAR WIND: OBSERVATIONS AND LINEAR VLASOV ANALYSIS. Astrophysical Journal, 2012, 748, 137.	1.6	123
12	Low-frequency waves in a high-beta collisionless plasma: polarization, compressibility and helicity. Journal of Plasma Physics, 1986, 35, 431-447.	0.7	116
13	Whistler turbulence: Particle-in-cell simulations. Physics of Plasmas, 2008, 15, .	0.7	115
14	Proton temperature anisotropy constraint in the solar wind: ACE observations. Geophysical Research Letters, 2001, 28, 2759-2762.	1.5	113
15	Shortâ€wavelength turbulence in the solar wind: Linear theory of whistler and kinetic AlfvÃ©n fluctuations. Journal of Geophysical Research, 2009, 114, .	3.3	113
16	The ion cyclotron anisotropy instability and the inverse correlation between proton anisotropy and proton beta. Journal of Geophysical Research, 1994, 99, 11297.	3.3	110
17	Proton resonant firehose instability: Temperature anisotropy and fluctuating field constraints. Journal of Geophysical Research, 1998, 103, 14567-14574.	3.3	102
18	Whistler anisotropy instabilities as the source of banded chorus: Van Allen Probes observations and particleâ€inâ€cell simulations. Journal of Geophysical Research: Space Physics, 2014, 119, 8288-8298.	0.8	101

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19	Proton temperature anisotropy upper bound. Journal of Geophysical Research, 1997, 102, 27159-27169.	3.3	97
20	Cascade of whistler turbulence: Particleâ€inâ€cell simulations. Geophysical Research Letters, 2008, 35, .	1.5	97
21	Regulation of the solar wind electron heat flux from 1 to 5 AU: Ulysses observations. Journal of Geophysical Research, 1994, 99, 23401.	3.3	96
22	The ion-ion acoustic instability. Journal of Plasma Physics, 1987, 37, 45-61.	0.7	94
23	Linear theory of electron temperature anisotropy instabilities: Whistler, mirror, and Weibel. Journal of Geophysical Research, 2006, 111, .	3.3	94
24	Dispersion relation analysis of solar wind turbulence. Geophysical Research Letters, 2011, 38, n/a-n/a.	1.5	94
25	Excitation of magnetosonic waves in the terrestrial magnetosphere: Particle-in-cell simulations. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	94
26	Electromagnetic ion instabilities in a cometary environment. Journal of Geophysical Research, 1988, 93, 235-241.	3.3	92
27	Electromagnetic instabilities driven by unequal proton beams in the solar wind. Journal of Geophysical Research, 1976, 81, 2743-2749.	3.3	87
28	Electromagnetic proton cyclotron instability: Interactions with magnetospheric protons. Journal of Geophysical Research, 1995, 100, 21961-21972.	3.3	84
29	AlfvÃ©n-cyclotron fluctuations: Linear Vlasov theory. Journal of Geophysical Research, 2004, 109, .	3.3	84
30	Electromagnetic proton/proton instabilities in the solar wind: Simulations. Journal of Geophysical Research, 1999, 104, 4657-4667.	3.3	82
31	Resonant electron firehose instability: Particle-in-cell simulations. Physics of Plasmas, 2003, 10, 3571-3576.	0.7	82
32	Observed constraint on proton-proton relative velocities in the solar wind. Geophysical Research Letters, 2000, 27, 53-56.	1.5	80
33	Electron heat flux instabilities in the solar wind. Geophysical Research Letters, 1975, 2, 79-82.	1.5	78
34	The development of shellâ€like distributions from newborn cometary ions. Geophysical Research Letters, 1986, 13, 1364-1367.	1.5	77
35	Hot proton anisotropies and cool proton temperatures in the outer magnetosphere. Journal of Geophysical Research, 1994, 99, 23603.	3.3	75
36	Time History of Events and Macroscale Interactions during Substorms observations of a series of hot flow anomaly events. Journal of Geophysical Research, 2010, 115, .	3.3	75

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37	Evidence for local ion heating in solar wind high speed streams. Geophysical Research Letters, 1975, 2, 373-375.	1.5	74
38	Ion Bernstein instability in the terrestrial magnetosphere: Linear dispersion theory. Journal of Geophysical Research, 2010, 115, .	3.3	74
39	Inverse correlations between the ion temperature anisotropy and plasma beta in the Earth's quasi-parallel magnetosheath. Journal of Geophysical Research, 1994, 99, 14931.	3.3	73
40	A KINETIC ALFVÃ‰N WAVE CASCADE SUBJECT TO COLLISIONLESS DAMPING CANNOT REACH ELECTRON SCALES IN THE SOLAR WIND AT 1 AU. Astrophysical Journal, 2010, 712, 685-691.	1.6	73
41	FORWARD CASCADE OF WHISTLER TURBULENCE: THREE-DIMENSIONAL PARTICLE-IN-CELL SIMULATIONS. Astrophysical Journal, 2012, 755, 142.	1.6	70
42	The source of proton anisotropy in the highâ€speed solar wind. Journal of Geophysical Research, 1981, 86, 541-546.	3.3	69
43	Ion observations from geosynchronous orbit as a proxy for ion cyclotron wave growth during storm times. Journal of Geophysical Research, 2009, 114, .	3.3	66
44	Ionâ€driven instabilities in the solar wind: Wind observations of 19 March 2005. Journal of Geophysical Research: Space Physics, 2016, 121, 30-41.	0.8	66
45	Electromagnetic Ion-Beam Instabilities in the Solar Wind. Physical Review Letters, 1975, 35, 667-670.	2.9	64
46	Helium energetics in the high-latitude solar wind: Ulysses observations. Journal of Geophysical Research, 2001, 106, 5693-5708.	3.3	64
47	Ion distributions in large magnetic holes in the fast solar wind. Journal of Geophysical Research, 2001, 106, 5635-5648.	3.3	63
48	Computer simulations of cometaryâ€ion/ion instabilities and wave growth. Journal of Geophysical Research, 1989, 94, 3513-3525.	3.3	62
49	Scattering of suprathermal electrons in the solar wind: ACE observations. Journal of Geophysical Research, 2007, 112, n/a-n/a.	3.3	61
50	On the dissipation of magnetic fluctuations in the solar wind. Geophysical Research Letters, 2001, 28, 1347-1350.	1.5	60
51	Mirror and ion cyclotron anisotropy instabilities in the magnetosheath. Journal of Geophysical Research, 1992, 97, 19421-19432.	3.3	59
52	Electromagnetic alpha/proton instabilities in the solar wind. Geophysical Research Letters, 2000, 27, 1355-1358.	1.5	59
53	Kinetic AlfvÃ©n waves: Linear theory and a particle-in-cell simulation. Journal of Geophysical Research, 2004, 109, .	3.3	59
54	Electron anisotropy constraint in the magnetosheath: Cluster observations. Geophysical Research Letters, 2005, 32, .	1.5	59

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55	Relativistic electron scattering by electromagnetic ion cyclotron fluctuations: Test particle simulations. Journal of Geophysical Research, 2010, 115, .	3.3	58
56	Whistler anisotropy instability at low electron Î²: Particle-in-cell simulations. Physics of Plasmas, 2011, 18, .	0.7	56
57	A limited closure relation for anisotropic plasmas from the Earthâ€™s magnetosheath*. Physics of Plasmas, 1994, 1, 1676-1683.	0.7	54
58	A second-order theory for kâˆ¥B0 electromagnetic instabilities. Physics of Fluids, 1978, 21, 72.	1.4	53
59	Two-dimensional simulations of ion anisotropy instabilities in the magnetosheath. Journal of Geophysical Research, 1994, 99, 11141.	3.3	52
60	Resonant heating and acceleration of ions in coronal holes driven by cyclotron resonant spectra. Journal of Geophysical Research, 2002, 107, SSH 9-1-SSH 9-9.	3.3	52
61	Wavenumber spectrum of whistler turbulence: Particle-in-cell simulation. Physics of Plasmas, 2010, 17, .	0.7	52
62	Collisionless dissipation wavenumber: Linear theory. Journal of Geophysical Research, 1999, 104, 6759-6762.	3.3	51
63	Consequences of proton and alpha anisotropies in the solar wind: Hybrid simulations. Journal of Geophysical Research, 2003, 108, .	3.3	51
64	ANALYTIC MODEL OF THEIBEXRIBBON WITH NEUTRAL SOLAR WIND BASED ION PICKUP BEYOND THE HELIOPAUSE. Astrophysical Journal, 2013, 766, 129.	1.6	51
65	NONLINEAR AND LINEAR TIMESCALES NEAR KINETIC SCALES IN SOLAR WIND TURBULENCE. Astrophysical Journal, 2014, 790, 155.	1.6	50
66	ON ELECTRON-SCALE WHISTLER TURBULENCE IN THE SOLAR WIND. Astrophysical Journal Letters, 2016, 827, L8.	3.0	49
67	Ion cyclotron anisotropy instabilities in the magnetosheath: Theory and simulations. Journal of Geophysical Research, 1993, 98, 3963-3971.	3.3	48
68	Excitation of banded whistler waves in the magnetosphere. Geophysical Research Letters, 2011, 38, n/a-n/a.	1.5	48
69	Electron heat flux constraints in the solar wind. Physics of Plasmas, 1999, 6, 2607-2612.	0.7	47
70	Electron temperature anisotropy instabilities: Computer simulations. Journal of Geophysical Research, 2000, 105, 10751-10759.	3.3	47
71	EFFECT OF DIFFERENTIAL FLOW OF ALPHA PARTICLES ON PROTON PRESSURE ANISOTROPY INSTABILITIES IN THE SOLAR WIND. Astrophysical Journal, 2011, 742, 41.	1.6	47
72	The secondâ€•order theory of electromagnetic hot ion beam instabilities. Journal of Geophysical Research, 1985, 90, 65-72.	3.3	46

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73	Alpha/proton magnetosonic instability in the solar wind. Journal of Geophysical Research, 2000, 105, 20989-20996.	3.3	46
74	AlfvÃ©n wave heating of heavy ions in the expanding solar wind: Hybrid simulations. Journal of Geophysical Research, 2005, 110, .	3.3	45
75	Twoâ€dimensional hybrid simulations of superdiffusion at the magnetopause driven by Kelvinâ€Helmholtz instability. Journal of Geophysical Research, 2009, 114, .	3.3	45
76	Do dispersive waves play a role in collisionless magnetic reconnection?. Physics of Plasmas, 2014, 21, 022113.	0.7	45
77	Simulations of ion cyclotron anisotropy instabilities in the terrestrial magnetosheath. Journal of Geophysical Research, 1993, 98, 9171-9179.	3.3	44
78	Whistler scattering of suprathermal electrons in the solar wind: Particle-in-cell simulations. Journal of Geophysical Research, 2007, 112, n/a-n/a.	3.3	42
79	Whistler turbulence at variable electron beta: Threeâ€dimensional particleâ€inâ€cell simulations. Journal of Geophysical Research: Space Physics, 2013, 118, 2824-2833.	0.8	42
80	Turbulent dissipation challenge: a community-driven effort. Journal of Plasma Physics, 2015, 81, .	0.7	42
81	Anomalous Resistivity Due to Electrostatic Turbulence. Physical Review Letters, 1971, 26, 1097-1100.	2.9	41
82	Constraints on the O[TSUP]+5[/TSUP] Anisotropy in the Solar Corona. Astrophysical Journal, 2001, 547, L175-L178.	1.6	41
83	Solar Wind Temperature Anisotropies. AIP Conference Proceedings, 2003, , .	0.3	41
84	Particle-in-cell simulations of AlfvÃ©n-cyclotron wave scattering: Proton velocity distributions. Journal of Geophysical Research, 2003, 108, .	3.3	39
85	Hybrid simulations of debrisâ€ambient ion interactions in astrophysical explosions. Journal of Geophysical Research, 2007, 112, .	3.3	39
86	All whistlers are not created equally: Scattering of strahl electrons in the solar wind via particle-in-cell simulations. Geophysical Research Letters, 2007, 34, .	1.5	38
87	Electromagnetic heavy ion cyclotron instability: Anisotropy constraint in the solar corona. Journal of Geophysical Research, 2001, 106, 10715-10722.	3.3	37
88	Broadening of solar wind strahl pitchâ€angles by the electron/electron instability: Particleâ€inâ€cell simulations. Geophysical Research Letters, 2007, 34, .	1.5	36
89	Multiple harmonic ULF waves in the plasma sheet boundary layer: Instability analysis. Journal of Geophysical Research, 2010, 115, .	3.3	36
90	Whistler turbulence forward cascade: Three-dimensional particle-in-cell simulations. Geophysical Research Letters, 2011, 38, n/a-n/a.	1.5	36

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91	Signatures of wave-ion interactions in the solar wind: Ulysses observations. Journal of Geophysical Research, 2002, 107, SSH 4-1-SSH 4-7.	3.3	33
92	Kinetic properties of mirror waves in magnetosheath plasmas. Geophysical Research Letters, 1992, 19, 1331-1334.	1.5	32
93	Helium ion acceleration and heating by AlfvÃ©n/cyclotron fluctuations in the solar wind. Journal of Geophysical Research, 2001, 106, 24955-24963.	3.3	32
94	Short-wavelength plasma turbulence and temperature anisotropy instabilities: recent computational progress. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2015, 373, 20140149.	1.6	32
95	Scalings of AlfvÃ©nâ€cyclotron and ion Bernstein instabilities on temperature anisotropy of a ringâ€like velocity distribution in the inner magnetosphere. Journal of Geophysical Research: Space Physics, 2016, 121, 2185-2193.	0.8	32
96	Dispersion relation analysis of turbulent magnetic field fluctuations in fast solar wind. Annales Geophysicae, 2013, 31, 1949-1955.	0.6	31
97	Solar wind electrons: Parametric constraints. Journal of Geophysical Research, 1999, 104, 19843-19849.	3.3	30
98	How important are the alphaâ€proton relative drift and the electron heat flux for the proton heating of the solar wind in the inner heliosphere?. Journal of Geophysical Research: Space Physics, 2014, 119, 5210-5219.	0.8	30
99	WHISTLER TURBULENCE HEATING OF ELECTRONS AND IONS: THREE-DIMENSIONAL PARTICLE-IN-CELL SIMULATIONS. Astrophysical Journal, 2016, 816, 102.	1.6	30
100	Pickup proton instabilities and scattering in the distant solar wind and the outer heliosheath: Hybrid simulations. Journal of Geophysical Research, 2012, 117, .	3.3	29
101	Nonlinear theory of the Weibel instability. Journal of Plasma Physics, 1979, 21, 287-300.	0.7	28
102	Electromagnetic proton cyclotron anisotropy instability: Wave-particle scattering rate. Geophysical Research Letters, 2000, 27, 2457-2459.	1.5	28
103	Solar cycle variations in the electron heat flux: Ulysses observations. Geophysical Research Letters, 2001, 28, 2169-2172.	1.5	28
104	Energy dissipation and ion heating at the heliospheric termination shock. Journal of Geophysical Research, 2009, 114, .	3.3	28
105	WHISTLER TURBULENCE WAVEVECTOR ANISOTROPIES: PARTICLE-IN-CELL SIMULATIONS. Astrophysical Journal, 2010, 716, 1332-1335.	1.6	28
106	Kinetic AlfvÃ©n Turbulence: Electron and Ion Heating by Particle-in-cell Simulations. Astrophysical Journal Letters, 2017, 847, L14.	3.0	28
107	AlfvÃ©nâ€cyclotron instability with singly ionized helium: Linear theory. Journal of Geophysical Research, 2012, 117, .	3.3	27
108	AlfvÃ©n-cyclotron scattering of solar wind ions: Hybrid simulations. Journal of Geophysical Research, 2006, 111, .	3.3	25

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109	Damping of longâ€wavelength kinetic AlfvÃ©n fluctuations: Linear theory. Journal of Geophysical Research, 2008, 113, .	3.3	25
110	OBSERVATION OF BERNSTEIN WAVES EXCITED BY NEWBORN INTERSTELLAR PICKUP IONS IN THE SOLAR WIND. Astrophysical Journal, 2012, 745, 112.	1.6	25
111	Electron and ion heating by whistler turbulence: Threeâ€dimensional particleâ€inâ€cell simulations. Geophysical Research Letters, 2014, 41, 8681-8687.	1.5	25
112	Signatures of AlfvÃ©n-cyclotron wave-ion scattering: Advanced Composition Explorer (ACE) solar wind observations. Journal of Geophysical Research, 2005, 110, .	3.3	24
113	Hybrid simulations of the termination shock: Suprathermal ion velocity distributions in the heliosheath. Journal of Geophysical Research, 2010, 115, .	3.3	24
114	Bernstein instability driven by suprathermal protons in the ring current. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	24
115	Deep Space 1 encounter with Comet 19P/Borrelly: Ion composition measurements by the PEPE mass spectrometer. Geophysical Research Letters, 2003, 30, .	1.5	23
116	Generation of Highly Oblique Lower Band Chorus Via Nonlinear Threeâ€Wave Resonance. Geophysical Research Letters, 2017, 44, 9532-9538.	1.5	23
117	On shear viscosity and the Reynolds number of magnetohydrodynamic turbulence in collisionless magnetized plasmas: Coulomb collisions, Landau damping, and Bohm diffusion. Physics of Plasmas, 2009, 16, .	0.7	22
118	High-speed stream driven inferences of global wave distributions at geosynchronous orbit: relevance to radiation-belt dynamics. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2010, 466, 3351-3362.	1.0	22
119	Energy dissipation by whistler turbulence: Three-dimensional particle-in-cell simulations. Physics of Plasmas, 2014, 21, .	0.7	22
120	Ion Bernstein instability as a possible source for oxygen ion cyclotron harmonic waves. Journal of Geophysical Research: Space Physics, 2017, 122, 5449-5465.	0.8	22
121	MMS Observations of Beta-dependent Constraints on Ion Temperature Anisotropy in Earthâ€™s Magnetosheath. Astrophysical Journal, 2018, 866, 25.	1.6	21
122	Whistler anisotropy instability: Wave-particle scattering rate. Journal of Geophysical Research, 2002, 107, SMP 18-1.	3.3	20
123	Fluctuations in electron-positron plasmas: Linear theory and implications for turbulence. Physics of Plasmas, 2009, 16, 042104.	0.7	20
124	Beta dependence of electron heating in decaying whistler turbulence: Particle-in-cell simulations. Physics of Plasmas, 2012, 19, 012312.	0.7	19
125	Whistler anisotropy instability with a cold electron component: Linear theory. Journal of Geophysical Research, 2012, 117, .	3.3	18
126	Whistler anisotropy instability: Spectral transfer in a threeâ€dimensional particleâ€inâ€cell simulation. Journal of Geophysical Research: Space Physics, 2014, 119, 1429-1434.	0.8	17

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127	Nonlinear subcyclotron resonance as a formationmechanism for gaps in banded chorus. Geophysical Research Letters, 2015, 42, 3150-3159.	1.5	16
128	Predicting electromagnetic ion cyclotron wave amplitude from unstable ring current plasma conditions. Journal of Geophysical Research: Space Physics, 2016, 121, 10,954.	0.8	16
129	Collisionless electrostatic interchange instabilities. Journal of Plasma Physics, 1982, 28, 551-564.	0.7	14
130	Electron-ion Coulomb scattering and the electron Landau damping of AlfvÃ©n waves in the solar wind. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	14
131	Ring/Shell Ion Distributions at Geosynchronous Orbit. Journal of Geophysical Research: Space Physics, 2017, 122, 12,055.	0.8	14
132	Learning about coronal heating from solar wind observations. Physics of Plasmas, 2005, 12, 056501.	0.7	13
133	WHISTLER TURBULENCE FORWARD CASCADE VERSUS INVERSE CASCADE: THREE-DIMENSIONAL PARTICLE-IN-CELL SIMULATIONS. Astrophysical Journal, 2015, 800, 87.	1.6	13
134	Suprathermal ions and MHD turbulence observed upstream of an interplanetary shock by Advanced Composition Explorer. Journal of Geophysical Research, 2000, 105, 7521-7531.	3.3	12
135	Hybrid Simulations of Positively and Negatively Charged Pickup Ions and Cyclotron Wave Generation at Europa. Journal of Geophysical Research: Space Physics, 2017, 122, 10408-10420.	0.8	12
136	Solar wind ion scattering by AlfvÃ©n-cyclotron fluctuations: ion temperature anisotropies versus relative alpha particle densities. New Journal of Physics, 2006, 8, 17-17.	1.2	11
137	TEST FOR WAVEVECTOR ANISOTROPIES IN PLASMA TURBULENCE CASCADES. Astrophysical Journal, 2013, 769, 36.	1.6	11
138	Proton velocity ringâ€driven instabilities and their dependence on the ring speed: Linear theory. Journal of Geophysical Research: Space Physics, 2017, 122, 7891-7906.	0.8	11
139	Role of electron physics in slow mode shocks. Journal of Geophysical Research, 2001, 106, 25031-25039.	3.3	10
140	Effects of variations in electron thermal velocity on the whistler anisotropy instability: Particle-in-cell simulations. Physics of Plasmas, 2016, 23, .	0.7	10
141	Particle-in-cell Simulations of Electron and Ion Dissipation by Whistler Turbulence: Variations with Electron Î². Astrophysical Journal Letters, 2017, 835, L15.	3.0	10
142	Dissipation of Kinetic AlfvÃ©nic Turbulence as a Function of Ion and Electron Temperature Ratios. Astrophysical Journal, 2019, 882, 29.	1.6	10
143	Intermittency and Ion Temperatureâ€“Anisotropy Instabilities: Simulation and Magnetosheath Observation. Astrophysical Journal, 2020, 895, 83.	1.6	10
144	Superâ€AlfvÃ©nic Propagation and Damping of Reconnection Onset Signatures. Journal of Geophysical Research: Space Physics, 2018, 123, 341-349.	0.8	9

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145	Particle-in-cell Simulations of Decaying Plasma Turbulence: Linear Instabilities versus Nonlinear Processes in 3D and 2.5D Approximations. Astrophysical Journal, 2020, 901, 160.	1.6	9
146	Particle-in-cell simulations of velocity scattering of an anisotropic electron beam by electrostatic and electromagnetic instabilities. Physics of Plasmas, 2014, 21, .	0.7	8
147	Scalings for the AlfvÃ©nâ€cyclotron instability: Linear dispersion theory and hybrid particleâ€inâ€cell simulations. Journal of Geophysical Research: Space Physics, 2017, 122, 464-474.	0.8	7
148	Species Entropies in the Kinetic Range of Collisionless Plasma Turbulence: Particle-in-cell Simulations. Astrophysical Journal, 2018, 859, 110.	1.6	7
149	Linear density drift instabilities in very low beta plasmas: a different approach. Journal of Plasma Physics, 1983, 30, 75-94.	0.7	6
150	On the generation of double layers from ion- and electron-acoustic instabilities. Physics of Plasmas, 2016, 23, .	0.7	5
151	Dependence of kinetic plasma waves on ion-to-electron mass ratio and light-to-AlfvÃ©n speed ratio. Monthly Notices of the Royal Astronomical Society, 2020, 494, 2905-2911.	1.6	5
152	DISSIPATION WAVENUMBERS FOR TURBULENCE IN ELECTRONâ€“POSITRON PLASMAS. Astrophysical Journal, 2009, 701, 1695-1700.	1.6	3
153	Heliosheath fluctuations near the perpendicular termination shock: Twoâ€dimensional hybrid simulations. Journal of Geophysical Research, 2010, 115, .	3.3	3
154	Plasma Instabilities in the Terrestrial Magnetosphere: A Review of Recent Theoretical Research. Physica Scripta, 1987, T18, 179-187.	1.2	2
155	Perpendicular scattering for electron beams by the electron/electron instability in solar electron bursts. Journal of Geophysical Research, 2008, 113, .	3.3	2