Peter H Yoon

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/10832295/publications.pdf

Version: 2024-02-01

184	3,765	126901	182417
papers	citations	33 h-index	51 g-index

199	199	199	1362
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Exact analytical model of the classical Weibel instability in a relativistic anisotropic plasma. Physical Review A, 1987, 35, 2718-2721.	2.5	114
2	QUIET-TIME INTERPLANETARY â^¼2-20 ŧeV SUPERHALO ELECTRONS AT SOLAR MINIMUM. Astrophysical Journal Letters, 2012, 753, L23.	8.3	114
3	Self-Consistent Generation of Superthermal Electrons by Beam-Plasma Interaction. Physical Review Letters, 2005, 95, 215003.	7.8	113
4	Electron ŧappa distribution and quasiâ€ŧhermal noise. Journal of Geophysical Research: Space Physics, 2014, 119, 7074-7087.	2.4	110
5	Quasiâ€ŧinear analysis of ion Weibel instability in the Earth's neutral sheet. Journal of Geophysical Research, 1993, 98, 153-163.	3.3	94
6	Self-consistent formation of electron Îº distribution: 1. Theory. Journal of Geophysical Research, 2006, 111, .	3.3	80
7	Generation of Type III Solar Radio Bursts in the Low Corona by Direct Amplification. Astrophysical Journal, 2002, 575, 1094-1103.	4.5	75
8	Nonlinear development of weaŧ beamâ€“plasma instability. Physics of Plasmas, 2001, 8, 3982-3995.	1.9	72
9	Kinetic instabilities in the solar wind driven by temperature anisotropies. Reviews of Modern Plasma Physics, 2017, 1, 1.	4.1	72
10	Relativistic Weibel instability. Physics of Plasmas, 2007, 14, 024504.	1.9	71
11	Effect of finite ion gyroradius on the fireâ€hose instability in a high beta plasma. Physics of Fluids B, 1993, 5, 1971-1979.	1.7	70
12	Generalized lower-hybrid drift instabilities in current-sheet equilibrium. Physics of Plasmas, 2002, 9, 1526-1538.	1.9	69
13	Generalized weaŧ turbulence theory. Physics of Plasmas, 2000, 7, 4858-4871.	1.9	66
14	Electromagnetic Weibel instability in a fully relativistic biâ€Maxwellian plasma. Physics of Fluids B, 1989, 1, 1336-1338.	1.7	58
15	MULTIPLE HARMONIC PLASMA EMISSION. Astrophysical Journal, 2009, 694, 618-625.	4.5	58
16	Statistical theory of electromagnetic weaŧ turbulence. Physics of Plasmas, 2006, 13, 022302.	1.9	55
17	On the generation of auroral radio emissions at harmonics of the lower ionospheric electron cyclotron frequency:X,OandZmode maser calculations. Journal of Geophysical Research, 1998, 103, 4071-4078.	3.3	52
18	Model of ion- or electron-dominated current sheet. Journal of Geophysical Research, 2004, 109, .	3.3	52

#	Article	IF	Citations
19	Quasilinear theory of anisotropyâ€beta relations for proton cyclotron and parallel firehose instabilities. Journal of Geophysical Research, 2012, 117, .	3.3	51
20	Solar-Wind Proton Anisotropy Versus Beta Relation. Physical Review Letters, 2013, 110, 071103.	7.8	51
21	Nonlinear analysis of generalized crossâ€field current instability. Physics of Fluids B, 1993, 5, 836-853.	1.7	48
22	A theory of electron cyclotron waves generated along auroral field lines observed by ground facilities. Geophysical Research Letters, 1989, 16, 1461-1464.	4.0	47
23	Theory and simulation of Kelvin-Helmholtz instability in the geomagnetic tail. Journal of Geophysical Research, 1996, 101, 27327-27339.	3.3	47
24	Quasilinear evolution of AlfvÃ©nâ€ionâ€cyclotron and mirror instabilities driven by ion temperature anisotropy. Physics of Fluids B, 1992, 4, 3627-3637.	1.7	46
25	Quasilinear theory of anisotropyâ€beta relation for combined mirror and proton cyclotron instabilities. Journal of Geophysical Research, 2012, 117, .	3.3	45
26	Lowerâ€hybridâ€drift instability operative in the geomagnetic tail. Physics of Plasmas, 1994, 1, 3033-3043.	1.9	42
27	Simulation and quasilinear theory of proton firehose instability. Physics of Plasmas, 2015, 22, .	1.9	41
28	Effects of spontaneous fluctuations on the generalized weak turbulence theory. Physics of Plasmas, 2005, 12, 042306.	1.9	39
29	Nonlocal ion-Weibel instability in the geomagnetic tail. Journal of Geophysical Research, 1996, 101, 4899-4906.	3.3	37
30	Spontaneous thermal magnetic field fluctuation. Physics of Plasmas, 2007, 14, 064504.	1.9	37
31	Electron kappa distribution and steady-state Langmuir turbulence. Physics of Plasmas, 2012, 19, .	1.9	37
32	Quasilinear theory and particle-in-cell simulation of proton cyclotron instability. Physics of Plasmas, 2014, 21, .	1.9	37
33	Large-amplitude whistler waves and electron acceleration. Geophysical Research Letters, 2011, 38, n/a-n/a.	4.0	34
34	ASYMMETRIC SOLAR WIND ELECTRON DISTRIBUTIONS. Astrophysical Journal, 2012, 755, 112.	4.5	34
35	Preliminary nonlocal analysis of cross-field current instability for substorm expansion onset. Journal of Geophysical Research, 1995, 100, 19147.	3.3	33
36	Motion of ions influenced by enhanced AlfvÃ©n waves. Physics of Plasmas, 1997, 4, 856-862.	1.9	33

#	Article	IF	Citations
37	Kinetic theory of weak turbulence in magnetized plasmas: Perpendicular propagation. Physics of Plasmas, 2015, 22, .	1.9	33
38	Lower ionospheric cyclotron maser theory: A possible source of 2Æ'ceand 3Æ'ceauroral radio emissions. Journal of Geophysical Research, 1996, 101, 27015-27025.	3.3	32
39	Lower-hybrid-drift and modified-two-stream instabilities in current sheet equilibrium. Journal of Geophysical Research, 2004, 109, .	3.3	30
40	Self-consistent formation of electron Îº distribution: 2. Further numerical investigation. Journal of Geophysical Research, 2006, 111, .	3.3	30
41	Simulation of electromagnetic fluctuations in thermal magnetized plasma. Plasma Physics and Controlled Fusion, 2017, 59, 115003.	2.1	30
42	Theory of 2Ï‰peradiation induced by the bow shock. Journal of Geophysical Research, 1994, 99, 23481.	3.3	29
43	Ion pitch-angle scattering by AlfvÃ©n waves. Physics of Plasmas, 1997, 4, 4103-4117.	1.9	29
44	Closed-form analytical model of the electron whistler and cyclotron maser instabilities in relativistic plasma with arbitrary energy anisotropy. Physical Review A, 1987, 35, 2619-2630.	2.5	28
45	Particle kinetic equation including weakly turbulent mode coupling. Physics of Plasmas, 2003, 10, 3881-3886.	1.9	28
46	ASYMPTOTIC THEORY OF SOLAR WIND ELECTRONS. Astrophysical Journal, 2015, 806, 32.	4.5	28
47	Plasma emission by a nonlinear beam instability. Physics of Plasmas, 1995, 2, 537-548.	1.9	25
48	Two-fluid theory of drift-kink instability in a one-dimensional neutral sheet. Journal of Geophysical Research, 1998, 103, 11875-11886.	3.3	25
49	Kinetic theory of hydromagnetic turbulence. I. Formal results for parallel propagation. Physics of Plasmas, 2007, 14, .	1.9	25
50	Asymptotic equilibrium between Langmuir turbulence and suprathermal electrons. Physics of Plasmas, 2011, 18, .	1.9	25
51	ASYMMETRIC ELECTRON DISTRIBUTIONS IN THE SOLAR WIND. Astrophysical Journal Letters, 2013, 775, L21.	8.3	25
52	A beam-maser instability: Direct amplification of radiation. Physics of Plasmas, 2002, 9, 2816-2821.	1.9	24
53	Parallel cascade of AlfvÃ©n waves. Plasma Physics and Controlled Fusion, 2008, 50, 085007.	2.1	23
54	Protonâ€cyclotron and firehose instabilities in inhomogeneous plasmas. Journal of Geophysical Research: Space Physics, 2014, 119, 7108-7119.	2.4	23

#	Article	IF	Citations
55	Quasi-linear theory of anomalous resistivity. Journal of Geophysical Research, 2006, 111, .	3.3	22
56	Nonlinear saturation of relativistic Weibel instability driven by thermal anisotropy. Physics of Plasmas, 2009, 16, 082103.	1.9	22
57	Asymptotic equilibrium between Langmuir turbulence and suprathermal electrons in three dimensions. Physics of Plasmas, 2012, 19, .	1.9	22
58	Oblique nonlinear whistler wave. Journal of Geophysical Research: Space Physics, 2014, 119, 1851-1862.	2.4	22
59	Interplay of Electron and Proton Instabilities in Expanding Solar Wind. Astrophysical Journal, 2017, 835, 246.	4.5	22
60	Nonlinear bound on unstable field energy in relativistic electron beams and plasmas. Physics of Fluids B, 1989, 1, 195-203.	1.7	21
61	STRAHL FORMATION IN THE SOLAR WIND ELECTRONS VIA WHISTLER INSTABILITY. Astrophysical Journal Letters, 2015, 811, L7.	8.3	21
62	Macroscopic quasiâ€linear theory and particleâ€inâ€cell simulation of helium ion anisotropy instabilities. Journal of Geophysical Research: Space Physics, 2015, 120, 6071-6084.	2.4	21
63	Garden-hose instability in high-beta plasmas. Physica Scripta, 1995, T60, 127-135.	2.5	20
64	Spontaneous emission of electromagnetic fluctuations in magnetized plasmas. Physics of Plasmas, 2017, 24, 022117.	1.9	19
65	Empirical versus exact numerical quasilinear analysis of electromagnetic instabilities driven by temperature anisotropy. Journal of Plasma Physics, 2012, 78, 47-54.	2.1	18
66	Loss coneâ€driven cyclotron maser instability. Journal of Geophysical Research: Space Physics, 2013, 118, 7036-7044.	2.4	18
67	Highâ€Frequency Wave Generation in Magnetotail Reconnection: Nonlinear Harmonics of Upper Hybrid Waves. Geophysical Research Letters, 2019, 46, 7873-7882.	4.0	18
68	A purely growing electromagnetic mode operative in the geomagnetic tail. Journal of Geophysical Research, 1992, 97, 141-151.	3.3	17
69	Plasma emission via a beam instability with density modulation. Physics of Plasmas, 1994, 1, 76-89.	1.9	17
70	Generation of harmonic Langmuir mode by beam-plasma instability. Physics of Plasmas, 2002, 9, 96-110.	1.9	17
71	SUPRATHERMAL SOLAR WIND ELECTRONS AND LANGMUIR TURBULENCE. Astrophysical Journal, 2016, 828, 60.	4.5	17
72	Kinetic Scale Structure of Low-frequency Waves and Fluctuations. Astrophysical Journal, 2017, 845, 60.	4.5	17

#	Article	IF	Citations
73	On the current sheet model with Î¹ distribution. Physics of Plasmas, 2006, 13, 102108.	1.9	16
74	Ring-beam driven maser instability for quasiperpendicular shocks. Physics of Plasmas, 2007, 14, 022901.	1.9	16
75	Upper hybrid waves and energetic electrons in the radiation belt. Journal of Geophysical Research: Space Physics, 2017, 122, 5365-5376.	2.4	16
76	Non-equilibrium statistical mechanical approach to the formation of non-Maxwellian electron distribution in space. European Physical Journal: Special Topics, 2020, 229, 819-840.	2.6	16
77	On the drift-sausage mode in one-dimensional current sheet. Journal of Geophysical Research, 2001, 106, 1939-1947.	3.3	15
78	Kinetic theory of hydromagnetic turbulence. II. Susceptibilities. Physics of Plasmas, 2007, 14, 102303.	1.9	15
79	Simulation and quasilinear theory of aperiodic ordinary mode instability. Physics of Plasmas, 2015, 22, .	1.9	15
80	Collisional relaxation of bi-Maxwellian plasma temperatures in magnetized plasmas. Physics of Plasmas, 2016, 23, .	1.9	15
81	Thermodynamic, Non-Extensive, or Turbulent Quasi-Equilibrium for the Space Plasma Environment. Entropy, 2019, 21, 820.	2.2	15
82	Amplification of a highâ€frequency electromagnetic wave by a relativistic plasma. Physics of Fluids B, 1990, 2, 867-873.	1.7	14
83	A theory for AKR fine frequency structure. Geophysical Research Letters, 1998, 25, 4461-4464.	4.0	14
84	Kinetic theory for low-frequency turbulence in magnetized plasmas including discrete-particle effects. Physics of Plasmas, 2008, 15, .	1.9	14
85	Unified formulation for inhomogeneity-driven instabilities in the lower-hybrid range. Physical Review E, 2002, 65, 036407.	2.1	13
86	Harmonics of electromagnetic and electrostatic plasma waves. Physics of Plasmas, 2005, 12, 052305.	1.9	13
87	Multiple harmonic plasma emission. Physics of Plasmas, 2007, 14, 013301.	1.9	13
88	Relativistic electron acceleration by oblique whistler waves. Physics of Plasmas, 2013, 20, .	1.9	13
89	Pitch angle diffusion of newborn ions due to intrinsic turbulence in the solar wind. Journal of Geophysical Research, 1990, 95, 17075-17083.	3.3	12
90	REVISED MODEL OF THE STEADY-STATE SOLAR WIND HALO ELECTRON VELOCITY DISTRIBUTION FUNCTION. Astrophysical Journal, 2016, 826, 204.	4.5	12

#	Article	IF	Citations
91	ON THE ISOTROPIZATION OF SOLAR WIND PROTONS. Astrophysical Journal, 2016, 833, 106.	4.5	12
92	Proton temperature relaxation in the solar wind by combined collective and collisional processes. Journal of Geophysical Research: Space Physics, 2016, 121, 10,665.	2.4	12
93	Nonlinear Development of Electron Heat Flux Instability: Particle in Cell Simulation. Astrophysical Journal, 2019, 876, 117.	4.5	12
94	Kinetic hydromagnetic instabilities due to a spherical shell distribution of pickup ions. Journal of Geophysical Research, 1990, 95, 10273-10278.	3.3	11
95	Kilometric radio waves generated along auroral field lines observed by ground facilities: A theoretical model. Journal of Geophysical Research, 1991, 96, 1495-1501.	3.3	11
96	Plasma emission by a nonlinear beam instability in a weakly magnetized plasma. Physics of Plasmas, 1997, 4, 3863-3881.	1.9	11
97	Excitation of extraordinary Bernstein waves by a beam of energetic electrons. Journal of Geophysical Research, 1999, 104, 19801-19815.	3.3	11
98	Simulation and theory for two-dimensional beam-plasma instability. Physics of Plasmas, 2010, 17, .	1.9	11
99	Bernstein instability driven by thermal ring distribution. Physics of Plasmas, 2014, 21, .	1.9	11
100	Electromagnetic fireâ€hose instability in a fully relativistic biâ€Maxwellian plasma. Physics of Fluids B, 1990, 2, 842-844.	1.7	10
101	Pitch angle and velocity diffusions of newborn ions by turbulence in the solar wind. Journal of Geophysical Research, 1990, 95, 21203-21211.	3.3	10
102	Quasilinear evolution of cyclotron maser instability. Physical Review E, 1995, 51, 4908-4916.	2.1	10
103	Nonlinear electromagnetic susceptibilities of unmagnetized plasmas. Physics of Plasmas, 2005, 12, 112306.	1.9	10
104	Anomalous resistivity by fluctuation in the lower-hybrid frequency range. Journal of Geophysical Research, 2007, 112, n/a-n/a.	3.3	10
105	Kinetic theory of turbulence for parallel propagation revisited: Formal results. Physics of Plasmas, 2015, 22, .	1.9	10
106	Simulation and Quasiâ€Linear Theory of Whistler Anisotropy Instability. Journal of Geophysical Research: Space Physics, 2018, 123, 3277-3290.	2.4	10
107	Collective plasma microinstability as a possible mechanism for the one-sided core jet emission of extragalactic radio sources. Astrophysical Journal, 1989, 343, 31.	4.5	10
108	Generation of radiation in solar corona and interplanetary space by energetic electrons. Astrophysical Journal, 1994, 429, 406.	4.5	10

#	Article	IF	Citations
109	A Source of Energetic Particles Associated with Solar Flares. Astrophysical Journal, 2001, 547, 1159-1166.	4.5	10
110	On the Generation of Compressible Mirror-mode Fluctuations in the Inner Heliosheath. Astrophysical Journal, 2020, 901, 76.	4.5	10
111	Evolution of an unstable shell distribution of pickup cometary ions. Geophysical Research Letters, 1989, 16, 1473-1476.	4.0	9
112	Exact dielectric tensor for relativistic magnetized plasma with loss-cone and field-aligned drift. Journal of Plasma Physics, 1989, 42, 193-204.	2.1	9
113	Kinetic instability associated with spherical shell distribution of cometary pickup ions. Geophysical Research Letters, 1990, 17, 1033-1036.	4.0	9
114	Nonlinear frequency shifts of plasma eigenmodes. Physics of Plasmas, 2002, 9, 4166-4173.	1.9	9
115	Ion Pickup by the Solar Wind Via Wave-Particle Interactions. Geophysical Monograph Series, 0, , 241-258.	0.1	9
116	Spontaneous emission of electromagnetic and electrostatic fluctuations in magnetized plasmas: Quasi-parallel modes. Physics of Plasmas, 2016, 23, .	1.9	9
117	Weak turbulence theory for beam-plasma interaction. Physics of Plasmas, 2018, 25, 011603.	1.9	9
118	Gyroharmonic maser instability for weakly relativistic electrons with a lossâ€cone distribution. Physics of Fluids B, 1990, 2, 1918-1927.	1.7	8
119	Plasma heating by a purely growing mode driven by crossâ€field currents in quasiperpendicular collisionless shock. Physics of Fluids B, 1991, 3, 3074-3081.	1.7	8
120	Quasilinear analysis of lossâ€cone driven weakly relativistic electron cyclotron maser instability. Physics of Plasmas, 1995, 2, 1285-1295.	1.9	8
121	On the higher-order nonlinear corrections to the theory of plasma emission by a nonlinear beam instability. Physics of Plasmas, 1998, 5, 2590-2595.	1.9	8
122	Exact Energy Principle in Magnetic Reconnection for Current-Sheet Models. Physical Review Letters, 2005, 94, 175004.	7.8	8
123	STEADY-STATE MODEL OF SOLAR WIND ELECTRONS REVISITED. Astrophysical Journal, 2015, 812, 169.	4.5	8
124	Theory of ion holes in space and astrophysical plasmas. Monthly Notices of the Royal Astronomical Society: Letters, 2020, 497, L69-L75.	3.3	8
125	A New Scenario for Type III Solar Radio Emission. Astrophysical Journal, 2000, 540, 572-582.	4.5	8
126	Maser-beam instability of Bernstein waves. Physics of Plasmas, 2000, 7, 4720-4728.	1.9	7

#	Article	IF	Citations
127	Kinetic theory of turbulence for parallel propagation revisited: Low-to-intermediate frequency regime. Physics of Plasmas, 2015, 22, .	1.9	7
128	Stabilization of the cyclotron autoresonance maser instability by axial momentum spread. Physical Review A, 1989, 39, 2534-2538.	2.5	6
129	Alternative representation of the dielectric tensor for a relativistic magnetized plasma in thermal equilibrium. Journal of Plasma Physics, 1990, 43, 269-281.	2.1	6
130	Development of pitch angle anisotropy and velocity diffusion of pickup ion shell distribution by solar wind turbulence. Journal of Geophysical Research, 1990, 95, 17085-17094.	3.3	6
131	Ion heating by kinetic crossâ€field streaming instability due to reflected ions at a quasiperpendicular shock. Physics of Fluids B, 1992, 4, 719-729.	1.7	6
132	Stabilization of lower-hybrid drift instability in the magnetotail by finite north-south magnetic field component and destabilization by sheared cross-field flow. Journal of Geophysical Research, 2001, 106, 13203-13213.	3.3	6
133	Effects of spontaneous thermal fluctuations on nonlinear beam-plasma interaction. Physics of Plasmas, 2005, 12, 062310.	1.9	6
134	Solar Wind Electron Acceleration via Langmuir Turbulence. Terrestrial, Atmospheric and Oceanic Sciences, 2013, 24, 175.	0.6	6
135	Simulation and Quasiâ€linear Theory of Magnetospheric Bernstein Mode Instability. Journal of Geophysical Research: Space Physics, 2018, 123, 7320-7331.	2.4	6
136	Highâ€Frequency Waves Driven by Agyrotropic Electrons Near the Electron Diffusion Region. Geophysical Research Letters, 2020, 47, e2020GL087111.	4.0	6
137	Simulation of Plasma Emission in Magnetized Plasmas. Astrophysical Journal, 2022, 924, 36.	4.5	6
138	Effects of magnetized ions on the lower-hybrid-drift instability. Physics of Plasmas, 2003, 10, 4260-4264.	1.9	5
139	Progress in the kinetic theory of electrostatic harmonics of plasma waves. Physics of Plasmas, 2005, 12, 052313.	1.9	5
140	Empirical model of whistler anisotropy instability. Physics of Plasmas, 2011, 18, .	1.9	5
141	Effects of Thermal Fluctuations on Temperature Anisotropy Instabilities in the Solar Wind. Journal of Geophysical Research: Space Physics, 2018, 123, 8924-8939.	2.4	5
142	Quasi Thermal Noise Spectroscopy for Van Allen Probes. Journal of Geophysical Research: Space Physics, 2019, 124, 2811-2818.	2.4	5
143	Kinetic friction attributed to enhanced radiation by cyclotron maser instability. Physical Review A, 1991, 44, 6819-6827.	2.5	4
144	Global two-fluid stability of bifurcated current sheets. Journal of Geophysical Research, 2006, 111, .	3.3	4

#	Article	IF	Citations
145	Electromagnetic Thermal Noise in Upperâ€Hybrid Frequency Range. Journal of Geophysical Research: Space Physics, 2018, 123, 5356-5363.	2.4	4
146	Structural Characteristics of Ion Holes in Plasma. Plasma, 2021, 4, 435-449.	1.8	4
147	An Emission Mechanism for Extragalactic Radio Jets. Astrophysical Journal, 1996, 459, 529.	4.5	4
148	Quasilinear diffusion rates of cometary ions. Physics of Fluids B, 1991, 3, 2124-2132.	1.7	3
149	Further evolution of velocity shell distribution of cometary and interstellar pickup ions and excitation of oblique AlfvÃ©n waves. Journal of Geophysical Research, 1992, 97, 6467-6477.	3.3	3
150	Effects of nonlinear frequency shifts on certain induced scattering processes. Physics of Plasmas, 2002, 9, 4520-4524.	1.9	3
151	Highâ€Frequency Thermal Fluctuations and Instabilities in the Radiation Belt Environment. Journal of Geophysical Research: Space Physics, 2018, 123, 9239-9251.	2.4	3
152	Nonlinear evolutions of large amplitude oblique whistler waves. Physics of Plasmas, 2018, 25, 062904.	1.9	3
153	The Effects of Upperâ€Hybrid Waves on Energy Dissipation in the Electron Diffusion Region. Geophysical Research Letters, 2020, 47, e2020GL089778.	4.0	3
154	Weak magnetohydrodynamic turbulence. Physics of Plasmas, 2021, 28, .	1.9	3
155	Nonlinear frequency shift of a coherent dust-acoustic wave in the presence of dust-acoustic turbulence. Physics of Plasmas, 2003, 10, 4278-4283.	1.9	2
156	Nonlinear energy principle for model current sheets. Physics of Plasmas, 2006, 13, 012301.	1.9	2
157	Further investigation of energy principle for model current sheets. Physics of Plasmas, 2006, 13, 032301.	1.9	2
158	Electron distributions observed with Langmuir waves in the plasma sheet boundary layer. Physics of Plasmas, 2014, 21, 092121.	1.9	2
159	Ion temperature anisotropy due to perpendicular heating by AlfvÃ©n wave propagating along magnetic field lines. Physics of Plasmas, 2016, 23, 092903.	1.9	2
160	Waves Generated by Electron Beam in a Crater-Shaped Flux Rope. Frontiers in Physics, 2021, 9, .	2.1	2
161	Two-fluid approach to weak plasma turbulence. Plasma Physics and Controlled Fusion, 2021, 63, 125012.	2.1	2
162	Proton-Alpha Drift Instability of Electromagnetic Ion-Cyclotron Modes: Quasilinear Development. Physics, 2021, 3, 1175-1189.	1.4	2

#	Article	IF	Citations
163	Transition from reactive to kinetic electromagnetic instabilities generated by ringâ€beam ions. Physics of Fluids B, 1991, 3, 2455-2462.	1.7	1
164	On the harmonic component of type III solar radio bursts. Geophysical Monograph Series, 2000, , 47-56.	0.1	1
165	Nonlinear frequency shift of the dust ion-acoustic wave. Physics of Plasmas, 2004, 11, 3191-3195.	1.9	1
166	Dynamical Coupling of Energetic Electrons and Upperâ€Hybrid Thermal Fluctuations in the Earth's Radiation Belt. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027748.	2.4	1
167	Turbulent Equilibrium and Nonextensive Entropy. Thirty Years of Astronomical Discovery With UKIRT, 2012, , 91-96.	0.3	1
168	Polarization vector formalism of plasma weak turbulence. AIP Advances, 2021, 11, 125103.	1.3	1
169	The effect of background temperature on the synchrotron maser process. Physics of Fluids B, 1990, 2, 1662-1665.	1.7	0
170	Weak Langmuir Turbulence. COSPAR Colloquia Series, 2005, 16, 251-260.	0.2	0
171	Turbulent Equilibria for Charged Particles in Space. Journal of Physics: Conference Series, 2017, 900, 012022.	0.4	0
172	Nonlinear Electrostatic Equations for Collisionless Plasmas. , 2019, , 3-45.		0
173	Electrostatic Vlasov Weak Turbulence Theory: Wave Kinetic Equation. , 2019, , 46-59.		0
174	Electrostatic Vlasov Weak Turbulence Theory: Particle Kinetic Equation. , 2019, , 60-72.		0
175	Electrostatic Klimontovich Weak Turbulence Theory. , 2019, , 75-104.		0
176	Spontaneous Emission and Collisional Kinetic Equation. , 2019, , 105-121.		0
177	Langmuir Turbulence and Electron Kappa Distribution. , 2019, , 122-152.		0
178	Nonlinear Electromagnetic Equations in Vlasov Plasmas. , 2019, , 155-197.		0
179	Electromagnetic Vlasov Weak Turbulence Theory. , 2019, , 198-222.		0
180	Electromagnetic Klimontovich Weak Turbulence Theory. , 2019, , 225-267.		0

#	Article	IF	Citations
181	Applications of Electromagnetic Klimontovich Weak Turbulence Theory. , 2019, , 268-288.		0
182	Electromagnetic Radiations in Space Plasma. , 2021, , .		0
183	Electron Acceleration by Quasilinear Processes in the Presence of a Ring-beam Electron Population. Brazilian Journal of Physics, 2022, 52, 1.	1.4	0
184	Electrostatic weak turbulence theory for warm magnetized plasmas. Physics of Plasmas, 2021, 28, 122302.	1.9	0