

G Murtaza

List of Publications by Year in descending order

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times ranked

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#	ARTICLE	IF	CITATIONS
1	On the Characteristics of Magnetosonic Waves in a Spin-Polarized Degenerate Electron-Positron-Ion Plasma. IEEE Transactions on Plasma Science, 2021, 49, 2063-2069.	1.3	3
2	Field-aligned potential drops in nonthermal plasmas: Application to plasma sheet boundary layer. Physics of Plasmas, 2021, 28, 092903.	1.9	1
3	Solar coronal heating by Alfvén waves in bi-kappa distributed plasma. Monthly Notices of the Royal Astronomical Society, 2020, 491, 2403-2412.	4.4	4
4	Influence of Cairns-Tsallis distribution on double layers in magnetoplasma. European Physical Journal Plus, 2020, 135, 1.	2.6	12
5	Alfvén waves in temperature anisotropic Cairns distributed plasma. Communications in Theoretical Physics, 2020, 72, 035502.	2.5	4
6	Energy transport for ion acoustic waves in a spin polarized quantum plasma. Communications in Theoretical Physics, 2020, 72, 015502.	2.5	2
7	Shocklets in the comet Halley plasma. Physics of Plasmas, 2020, 27, .	1.9	7
8	Effects of superthermality and positron concentration on kinetic Alfvénic double layers in a low- β electron-positron-ion plasma. Physica Scripta, 2020, 95, 115602.	2.5	1
9	Surface impedance and skin depth for transverse waves in temperature anisotropic unmagnetized plasma. Physics of Plasmas, 2019, 26, 082116.	1.9	0
10	Distinct features of Alfvén wave in non-extensive plasmas. Physica A: Statistical Mechanics and Its Applications, 2019, 535, 122385.	2.6	4
11	Effect of anisotropic Cairns distribution on drift magnetosonic wave. European Physical Journal Plus, 2019, 134, 1.	2.6	7
12	On the two-stream instability with electron spin effects. Physics of Plasmas, 2019, 26, .	1.9	6
13	Energy behavior of spin electron cyclotron wave in a spin polarized plasma. Physics Letters, Section A: General, Atomic and Solid State Physics, 2019, 383, 2903-2907.	2.1	4
14	A transverse separate-spin-evolution streaming instability and new wave solutions in electron-positron-ion plasmas. Astrophysics and Space Science, 2019, 364, 1.	1.4	9
15	On the dispersion and damping of kinetic and inertial Alfvén waves in Cairns distributed plasmas. Physics of Plasmas, 2019, 26, 062101.	1.9	0
16	Separate spin evolution of electrostatic energy flow in a degenerate quantum plasma. Physics of Plasmas, 2019, 26, .	1.9	5
17	Spatial damping of extraordinary-Bernstein wave. Physics of Plasmas, 2019, 26, 042116.	1.9	0
18	Perturbed electromagnetic field and Poynting flux of kinetic Alfvén waves in kappa distributed space plasmas. European Physical Journal Plus, 2019, 134, 1.	2.6	9

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19	Spin magnetoacoustic wave. Physics of Plasmas, 2019, 26, .	1.9	13
20	Lower hybrid wave instability in a spin polarized degenerate plasma. Contributions To Plasma Physics, 2019, 59, 284-291.	1.1	14
21	Langmuir instability in partially spin polarized bounded degenerate plasma. Physics of Plasmas, 2018, 25, .	1.9	10
22	Effect of kappa distribution on the damping rate of the obliquely propagating magnetosonic mode. Plasma Science and Technology, 2018, 20, 035302.	1.5	7
23	Non linear analysis of obliquely propagating spin electron acoustic wave in a partially spin polarized degenerate plasma. Physics Letters, Section A: General, Atomic and Solid State Physics, 2018, 382, 44-48.	2.1	21
24	Role of electron quantization on plasma shielding potentials. Physics of Plasmas, 2018, 25, .	1.9	2
25	Kinetic Instability of Anisotropic Drift Wave Accompanied by Field Aligned Currents in Solar Coronal Loop. Communications in Theoretical Physics, 2018, 70, 470.	2.5	0
26	Spatial propagation and damping of ordinary electromagnetic mode. Physics of Plasmas, 2018, 25, 082114.	1.9	5
27	Kinetic instability of electrostatic ion cyclotron waves in inter-penetrating plasmas. Physics of Plasmas, 2018, 25, 052114.	1.9	4
28	A transverse separate-spin-evolution streaming instability. Physics of Plasmas, 2018, 25, .	1.9	15
29	Ordinary Mode Instability in a Cairns Distributed Electron Plasma. Communications in Theoretical Physics, 2018, 69, 699.	2.5	10
30	On the upper hybrid wave instability in a spin polarized degenerate plasma. Physics of Plasmas, 2018, 25, .	1.9	12
31	Obliquely propagating magnetosonic waves in a plasma modeled by bi-anisotropic Cairns distribution. Physics of Plasmas, 2018, 25, .	1.9	9
32	Spatial damping of parallel propagating electromagnetic waves in magnetized plasmas. Physics of Plasmas, 2018, 25, 084501.	1.9	5
33	Raman three-wave interaction in partially spin polarized plasma. Physics of Plasmas, 2017, 24, .	1.9	24
34	Anomalous skin effects in anisotropic kappa distributed plasmas. Physics of Plasmas, 2017, 24, .	1.9	7
35	Effect of dust on drift magnetosonic wave in anisotropic low beta plasma. Physics of Plasmas, 2017, 24, .	1.9	5
36	On the Bernstein mode in a degenerate anisotropic quantum plasma. Physics of Plasmas, 2017, 24, 122114.	1.9	4

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37	Beam driven temporal growth and spatial amplification of electrostatic waves in a partially spin polarized degenerate magnetized plasma. <i>Physics of Plasmas</i> , 2017, 24, .	1.9	17
38	Linear Analysis of Obliquely Propagating Longitudinal Waves in Partially Spin Polarized Degenerate Magnetized Plasma. <i>Communications in Theoretical Physics</i> , 2017, 68, 791.	2.5	14
39	Quadruple Beltrami fields in three component plasmas. <i>Physics of Plasmas</i> , 2017, 24, 062903.	1.9	10
40	Kinetic instability of drift magnetosonic wave in anisotropic low beta plasmas. <i>Physics of Plasmas</i> , 2015, 22, 062117.	1.9	7
41	R- and L-waves in electron-positron spin quantum plasmas. <i>Physica Scripta</i> , 2015, 90, 025605.	2.5	25
42	On the perpendicular propagating modes in the ultra-relativistic weakly magnetized plasma. <i>Physics of Plasmas</i> , 2015, 22, .	1.9	8
43	Response to "Comment on "Generalized dispersion relation for electron Bernstein waves in a non-Maxwellian magnetized anisotropic plasma" TM [<i>Phys. Plasmas</i> 22, 024701 (2015)]. <i>Physics of Plasmas</i> , 2015, 22, .	1.9	1
44	On the damping of right hand circularly polarized waves in spin quantum plasmas. <i>Physics of Plasmas</i> , 2014, 21, 122118.	1.9	21
45	Electromagnetic effects on geodesic acoustic modes. <i>Physics of Plasmas</i> , 2014, 21, .	1.9	15
46	On the drift magnetosonic waves in anisotropic low beta plasmas. <i>Physics of Plasmas</i> , 2014, 21, 102112.	1.9	14
47	On the ordinary mode and whistler mode instabilities in the degenerate anisotropic plasmas. <i>Physics of Plasmas</i> , 2014, 21, 032128.	1.9	12
48	Drift kinetic Alfvén wave in temperature anisotropic plasma. <i>Physics of Plasmas</i> , 2014, 21, 032120.	1.9	14
49	Relativistic Bernstein mode instability. <i>Plasma Physics and Controlled Fusion</i> , 2014, 56, 055009.	2.1	9
50	On the kinetic Alfvén waves in nonrelativistic spin quantum plasmas. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2013, 377, 2131-2135.	2.1	25
51	Spin effect on parametric decay of oblique Langmuir wave in degenerate magneto-plasmas. <i>Physics of Plasmas</i> , 2013, 20, 082124.	1.9	17
52	Whistler instability in a semi-relativistic bi-Maxwellian plasma. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2013, 377, 2378-2383.	2.1	10
53	Inertial Alfvén waves in an inhomogeneous bi-Maxwellian plasma. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2013, 377, 2348-2360.	2.1	14
54	A comparison of parametric decay of oblique Langmuir wave in high and low density magneto-plasmas. <i>Physics of Plasmas</i> , 2013, 20, .	1.9	4

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55	Shukla-Nambu-Salimullah potential with multi electron species in magnetoplasmas. Physics of Plasmas, 2013, 20, 022107.	1.9	3
56	Spin effect on parametric interactions of waves in magnetoplasmas. Physics of Plasmas, 2012, 19, .	1.9	16
57	Quantum modification of dust shear Alfvén wave in plasmas. Physics of Plasmas, 2012, 19, .	1.9	40
58	Study of high frequency parallel propagating modes in a weakly magnetized relativistic degenerate electron-positron-ion plasma. Physics of Plasmas, 2012, 19, 032103.	1.9	14
59	Nonlinear structure of ion-acoustic solitary waves in a relativistic degenerate electron-positron-ion plasma. Journal of Plasma Physics, 2012, 78, 133-141.	2.1	8
60	Multi electron species and shielding potentials in plasmas. Physics of Plasmas, 2012, 19, 114501.	1.9	0
61	Effect of Temperature Anisotropy on Various Modes and Instabilities for a Magnetized Non-relativistic Bi-Maxwellian Plasma. Brazilian Journal of Physics, 2012, 42, 487-504.	1.4	33
62	Stability analysis of self-gravitational electrostatic drift waves for a streaming nonuniform quantum dusty magnetoplasma. Physics of Plasmas, 2012, 19, .	1.9	18
63	Perpendicular propagating modes for weakly magnetized relativistic degenerate plasma. Physics of Plasmas, 2012, 19, .	1.9	9
64	Relativistic Bernstein waves in a degenerate plasma. Physics of Plasmas, 2011, 18, .	1.9	10
65	The parametric decay of dust ion acoustic waves in non-uniform quantum dusty magnetoplasmas. Physics of Plasmas, 2011, 18, 063705.	1.9	45
66	Ion-acoustic solitary waves in ultra-relativistic degenerate pair-ion plasmas. Physics of Plasmas, 2011, 18, .	1.9	43
67	Anomalous skin effects in relativistic parallel propagating weakly magnetized electron plasma waves. Physics of Plasmas, 2011, 18, 102115.	1.9	10
68	Dispersion relation for pure dust Bernstein waves in a non-Maxwellian magnetized dusty plasma. Physics of Plasmas, 2011, 18, .	1.9	8
69	New longitudinal waves in electron-positron-ion quantum plasmas. European Physical Journal D, 2011, 64, 447-452.	1.3	33
70	Propagation of Ordinary and Extraordinary Modes in Ultra-Relativistic Maxwellian Electron Plasma. Progress of Theoretical Physics, 2010, 124, 1083-1095.	2.0	8
71	Modified screening potential in a high density inhomogeneous quantum dusty magnetoplasma. Physics of Plasmas, 2010, 17, .	1.9	16
72	Whistler instability in non-Maxwellian plasmas. Physica Scripta, 2010, 81, 035501.	2.5	7

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73	Alfvénic modes in a bi-Maxwellian electron-ion plasma. <i>Physics of Plasmas</i> , 2010, 17, 102112.	1.9	29
74	High frequency electromagnetic modes in a weakly magnetized relativistic electron plasma. <i>Physics of Plasmas</i> , 2010, 17, 072105.	1.9	14
75	Generalized dispersion relation for electron Bernstein waves in a non-Maxwellian magnetized anisotropic plasma. <i>Physics of Plasmas</i> , 2010, 17, 102114.	1.9	13
76	Nonlinear structure of ion-acoustic waves in completely degenerate electron-positron and ion plasma. <i>Physical Review E</i> , 2010, 82, 016403.	2.1	38
77	Nonlinear screening effect in an ultrarelativistic degenerate electron-positron gas. <i>Physics of Plasmas</i> , 2009, 16, 112307.	1.9	17
78	Influence of non-monochromaticity on zonal-flow generation by magnetized Rossby waves in the ionospheric E-layer. <i>Journal of Plasma Physics</i> , 2009, 75, 345-357.	2.1	4
79	Dense plasma focus ion-based titanium nitride coating on titanium. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2009, 267, 1911-1917.	1.4	32
80	Modified Debye screening potential in a magnetized quantum plasma. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2009, 373, 2577-2580.	2.1	14
81	Nonlinear Landau damping of transverse electromagnetic waves in dusty plasmas. <i>Physics of Plasmas</i> , 2009, 16, .	1.9	18
82	Two types of lower-hybrid waves in dusty plasmas and cusp solitons. <i>Physics of Plasmas</i> , 2009, 16, 023702.	1.9	16
83	Jeans instability in a quantum dusty magnetoplasma. <i>Physics of Plasmas</i> , 2009, 16, .	1.9	62
84	Synthesis of nanocrystalline multiphase titanium oxycarbide (TiC _x O _y) thin films by UNU/ICTP and NX2 plasma focus devices. <i>Applied Physics A: Materials Science and Processing</i> , 2008, 90, 669-677.	2.3	66
85	Wake potential in a self-gravitating dusty plasma. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2008, 372, 871-875.	2.1	3
86	Dust-lower-hybrid waves in quantum plasmas. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2008, 372, 2291-2293.	2.1	13
87	Langmuir probe characterization of nitrogen plasma for surface nitriding of AISI-4140 steel. <i>Journal of Materials Processing Technology</i> , 2008, 199, 363-368.	6.3	28
88	Nitridation of zirconium using energetic ions from plasma focus device. <i>Thin Solid Films</i> , 2008, 516, 8255-8263.	1.8	86
89	SYNTHESIS OF ZIRCONIUM OXYNITRIDE (ZrON) NANOCOMPOSITE FILMS ON ZIRCONIUM SUBSTRATE BY DENSE PLASMA FOCUS DEVICE. <i>International Journal of Modern Physics B</i> , 2008, 22, 3941-3955.	2.0	22
90	Plasma characterization for nitridation of aluminium alloy using 50ÂHz ac discharge. <i>Plasma Devices and Operations</i> , 2008, 16, 247-266.	0.6	7

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91	Jeans instability in a magneto-radiative dusty plasma. <i>Journal of Plasma Physics</i> , 2008, 74, 847-853.	2.1	51
92	Perpendicularly propagating electromagnetic modes in a strongly magnetized hot relativistic Maxwellian plasma. <i>Physica Scripta</i> , 2008, 77, 035503.	2.5	5
93	Compression enhancement by current stepping in a multicascade liner gas-puff Z-pinch plasma. <i>Physica Scripta</i> , 2008, 77, 045501.	2.5	0
94	Dust acoustic shock wave in electronegative dusty plasma: Roles of weak magnetic field. <i>Physics of Plasmas</i> , 2008, 15, .	1.9	25
95	Possible colloid crystal formation in a magnetized and inhomogeneous semiconductor plasma. <i>Journal of Applied Physics</i> , 2007, 102, 053301.	2.5	5
96	Weibel instability with semirelativistic Maxwellian distribution function. <i>Physics of Plasmas</i> , 2007, 14, 072106.	1.9	19
97	Dust charge fluctuation instability in a dusty plasma with equilibrium density and magnetic field inhomogeneities. <i>Physics of Plasmas</i> , 2007, 14, 114502.	1.9	5
98	Stability of a charged interface between a magnetoradiative dusty plasma and vacuum. <i>Physics of Plasmas</i> , 2007, 14, 073703.	1.9	14
99	Glow Discharge Plasma Nitriding of AISI 304 Stainless Steel. <i>Plasma Science and Technology</i> , 2007, 9, 463-468.	1.5	9
100	Collective modes of ultra-relativistic magnetoactive electron plasma. <i>Physica Scripta</i> , 2007, 76, 649-654.	2.5	7
101	Nitriding of titanium by using an ion beam delivered by a plasma focus. <i>Journal Physics D: Applied Physics</i> , 2007, 40, 769-777.	2.8	60
102	Longitudinal photons in a relativistic magneto-active plasma. <i>Physics of Plasmas</i> , 2007, 14, 102113.	1.9	2
103	Weibel instability with non-Maxwellian distribution functions. <i>Physics of Plasmas</i> , 2007, 14, 022108.	1.9	53
104	Wake potential in a nonuniform self-gravitating dusty magnetoplasma in the presence of ion streaming. <i>Physics of Plasmas</i> , 2007, 14, 104505.	1.9	5
105	Kinetic Alfvén waves in a homogeneous dusty magnetoplasma with dust charge fluctuation effects. <i>Physics of Plasmas</i> , 2007, 14, 032105.	1.9	21
106	Effects of inhomogeneity on the Shukla-Nambu-Salimullah potential in a magnetized plasma. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2007, 364, 54-56.	2.1	2
107	Debye length in non-Maxwellian plasmas. <i>Physica Scripta</i> , 2006, 74, 145-148.	2.5	94
108	Electrostatic potentials and energy loss due to a projectile propagating through a non-Maxwellian dusty plasma. <i>Physics of Plasmas</i> , 2006, 13, 082108.	1.9	7

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109	Electromagnetic dust-lower-hybrid and dust-magnetosonic waves and their instabilities in a dusty magnetoplasma. <i>Physics of Plasmas</i> , 2006, 13, 122102.	1.9	15
110	Study of obliquely propagating dust acoustic solitary waves in magnetized tropical mesospheric plasmas with effect of dust charge variations and rotation of the plasma. <i>Physics of Plasmas</i> , 2006, 13, 062903.	1.9	23
111	Perpendicularly propagating electromagnetic modes in a strongly magnetized hot plasma with non-Maxwellian distribution function. <i>Physics of Plasmas</i> , 2006, 13, 062109.	1.9	15
112	Surface modification of AlFe _{1.8} Zn _{0.8} alloy by using dense plasma focus. <i>Vacuum</i> , 2006, 81, 291-298.	3.5	38
113	Parallel Proton Heating in Solar Wind Using Generalized (r, q) Distribution Function. <i>Solar Physics</i> , 2006, 236, 167-183.	2.5	44
114	A specific property of electromagnetic waves interacting with dust-laden plasma. <i>Physics of Plasmas</i> , 2006, 13, 072103.	1.9	23
115	Effect of non-Maxwellian particle trapping and dust grain charging on dust acoustic solitary waves. <i>Physics of Plasmas</i> , 2006, 13, 112104.	1.9	22
116	A novel aspect of dust in plasma. <i>Physics of Plasmas</i> , 2006, 13, 022103.	1.9	16
117	Generation of vortex rings by nonstationary laser wake field. <i>Physics of Plasmas</i> , 2006, 13, 012307.	1.9	3
118	Dust-charge fluctuations with non-Maxwellian distribution functions. <i>Physica Scripta</i> , 2006, 73, 178-183.	2.5	98
119	Co-deposition of titanium and iron nitrides on SS-321 by using plasma focus. <i>Radiation Effects and Defects in Solids</i> , 2006, 161, 121-129.	1.2	13
120	Collective Modes and Linear Landau Damping in a QuarkGluon Plasma. <i>Physica Scripta</i> , 2005, , 93.	2.5	0
121	Correlation effects due to an axial propagation of projectiles in a dusty plasma. <i>Physics of Plasmas</i> , 2005, 12, 033502.	1.9	7
122	Energy loss for the assemblies of charged projectiles in a dusty plasma. <i>Physics of Plasmas</i> , 2005, 12, 072104.	1.9	12
123	Some electrostatic modes based on non-Maxwellian distribution functions. <i>Physics of Plasmas</i> , 2004, 11, 2246-2255.	1.9	55
124	Parallel propagating electromagnetic modes with the generalized (r,q) distribution function. <i>Physics of Plasmas</i> , 2004, 11, 3819-3829.	1.9	101
125	Exact nonlinear dust kinetic Alfvén waves in a dust-ion plasma. <i>New Journal of Physics</i> , 2003, 5, 116-116.	2.9	18
126	Characterization of Argon Plasma by Use of Optical Emission Spectroscopy and Langmuir Probe Measurements. <i>International Journal of Modern Physics B</i> , 2003, 17, 2749-2759.	2.0	24

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127	Attractive wake field formation due to an array of dipolar projectiles in a multi-component dusty plasma. <i>Physics of Plasmas</i> , 2003, 10, 941-947.	1.9	13
128	Longitudinal oscillations and linear Landau damping in quark-gluon plasma. <i>Physical Review E</i> , 2003, 68, 066404.	2.1	3
129	Effects of dust-charge fluctuations on the potential of an array of projectiles in a partially ionized dusty plasma. <i>Physics of Plasmas</i> , 2003, 10, 4207-4216.	1.9	19
130	Formation of quadrupolar vortices in ion-temperature-gradient modes. <i>Physics of Plasmas</i> , 2003, 10, 2819-2823.	1.9	8
131	SOFT X-RAY EMISSION IN THE (1.0-1.5 KEV) WINDOW WITH NITROGEN FILLING IN A LOW ENERGY PLASMA FOCUS. <i>Modern Physics Letters B</i> , 2002, 16, 309-318.	1.9	27
132	Elliptic Solitary Electron Drift Vortices in Semiconductor Piezoelectrics. <i>Physica Scripta</i> , 2002, 65, 181-184.	2.5	2
133	Fully nonlinear dust kinetic Alfvén waves. <i>Physics of Plasmas</i> , 2002, 9, 3794-3801.	1.9	25
134	Debye shielding distortion of dust grains in dusty plasmas. <i>Physics of Plasmas</i> , 2002, 9, 3629-3632.	1.9	17
135	Flow of an elasto-viscous fluid past an infinite wall with time-dependent suction. <i>Acta Mechanica</i> , 2002, 153, 133-145.	2.1	5
136	Study of X-ray Emission from a Compact Diode Operated by a High-Inductance Capacitor Discharge. <i>Journal of Fusion Energy</i> , 2002, 21, 211-215.	1.2	2
137	Study of Lateral Spread of Ions Emitted from 2.3 kJ Plasma Focus with Hydrogen and Nitrogen Gases. <i>Journal of Fusion Energy</i> , 2002, 21, 217-220.	1.2	28
138	Improved temperature measurement in a plasma focus by means of a cobalt filter. <i>Plasma Sources Science and Technology</i> , 2001, 10, 295-301.	3.1	7
139	High \hat{I}^2 relaxed states with internal conductor plasma configuration. <i>Physics of Plasmas</i> , 2001, 8, 1559-1564.	1.9	14
140	Wake-Field Excitations in a Multi-Component Dusty Plasma. <i>Physica Scripta</i> , 2001, T89, 191.	2.5	3
141	Correlation of plasma electron temperature with neutron emission in a low-energy plasma focus. <i>IEEE Transactions on Plasma Science</i> , 2001, 29, 62-68.	1.3	18
142	Thermonuclear fusion in a multicascade liner staged pinch. <i>Laser and Particle Beams</i> , 2001, 19, 657-663.	1.0	3
143	Anisotropic Energy Loss of a Pair of Charged Projectiles in a Dusty Plasma. <i>Physica Scripta</i> , 2001, 64, 346-350.	2.5	11
144	Electrostatic Ion-Temperature-Gradient Modes and Anomalous Transports in a Collision-Dominated Plasma. <i>Physica Scripta</i> , 2001, 63, 43-46.	2.5	2

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145	High Efficiency Neutron Detector for Low Neutron Flux Measurement. Journal of Fusion Energy, 2000, 19, 91-92.	1.2	7
146	Low-Energy Plasma Focus as a Tailored X-Ray Source. Journal of Fusion Energy, 2000, 19, 143-157.	1.2	61
147	A COST EFFECTIVE X-RAY DETECTOR FOR PLASMA FOCUS DIAGNOSTICS. Modern Physics Letters B, 2000, 14, 563-570.	1.9	1
148	Energy Loss of a Test Charge in Collisional Dusty Plasmas. Physica Scripta, 2000, 61, 628-634.	2.5	9
149	Study of Plasma Parameters in a Spinning Thick-Gas-Puff Staged Pinch. Physica Scripta, 2000, 62, 399-404.	2.5	1
150	Title is missing!. Plasma Sources Science and Technology, 2000, 9, 592-596.	3.1	52
151	Energy loss of a test charge in partially ionized dusty plasmas. Physics of Plasmas, 2000, 7, 762-765.	1.9	22
152	Chaotic behavior of ion-temperature-gradient driven drift-dissipative modes. Physics of Plasmas, 2000, 7, 4499-4505.	1.9	0
153	Electromagnetic ion-temperature-gradient modes and anomalous transport in a nonuniform magnetized plasma with equilibrium flows. Physics of Plasmas, 2000, 7, 1125-1131.	1.9	7
154	Anomalous Heat Transport and Vortex Formation Due to Electronâ€“Temperatureâ€“Gradient Driven Drift Waves In a Sheared Flow Plasma. Physica Scripta, 1999, 60, 261-264.	2.5	2
155	Chaos in the parallel sheared plasma flow driven electromagnetic turbulence in nonuniform magnetoplasmas. Physics of Plasmas, 1999, 6, 1107-1112.	1.9	1
156	Nonlinear dynamics and anomalous energy transport in an electrostatic ion-temperature-gradient driven drift-dissipative mode. Physics of Plasmas, 1999, 6, 3571-3575.	1.9	10
157	Imaging of fusion reaction zone in plasma focus. Physics of Plasmas, 1999, 6, 3188-3193.	1.9	68
158	Energy Loss of a Test Charge in Dusty Plasmas: Collective and Individual Particle Contributions. Physica Scripta, 1999, 59, 379-388.	2.5	14
159	Effect of dust charge fluctuations on energy loss of a test dust charged particulate in a dusty plasma. Physics of Plasmas, 1999, 6, 1409-1414.	1.9	26
160	Radiative collapse in an impurity-seeded spinning gas-puff staged pinch. Journal of Plasma Physics, 1999, 61, 77-87.	2.1	2
161	Order and chaos in ETG-driven driftâ€“dissipative waves with sheared flows. Journal of Plasma Physics, 1999, 62, 531-540.	2.1	0
162	Plasma Vortices and Chaos in Velocity Gradient Driven Electromagnetic Fluctuations. Physica Scripta, 1999, T82, 20.	2.5	1

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163	Comparative study of ion, x-ray and neutron emission in a low energy plasma focus. Plasma Sources Science and Technology, 1998, 7, 206-218.	3.1	68
164	Microturbulence in the Presence of Energetic Alpha Particles in Fusion Plasmas. Physica Scripta, 1998, 57, 261-264.	2.5	0
165	Correlation Study of Ion, Electron and X-ray Emission from Argon Focus Plasma. Physica Scripta, 1998, 57, 136-141.	2.5	25
166	Drift-ballooning modes in the presence of charged dust impurities in a nonuniform rotating magnetoplasma. Physics of Plasmas, 1998, 5, 167-172.	1.9	0
167	Vortex formation in sheared flow driven fluctuations in nonuniform magnetized dusty gases. Physical Review E, 1998, 57, 1047-1052.	2.1	3
168	Energy loss of charged projectiles in dusty plasmas. Physics of Plasmas, 1998, 5, 3581-3587.	1.9	23
169	Exact wave solutions for a cylindrically bounded magnetized plasma. Journal of Plasma Physics, 1997, 57, 835-840.	2.1	3
170	Plasma focus characteristics using stainless steel anode. Physica Scripta, 1997, 56, 649-654.	2.5	15
171	Influence of magnetic probe presence on current sheath dynamics in plasma focus operation. Fusion Engineering and Design, 1997, 36, 437-446.	1.9	9
172	Collisionless drift wave instability and anomalous particle fluxes in plasmas with high-Z impurities. Physica Scripta, 1996, 53, 606-607.	2.5	1
173	Effects of anode shape on plasma focus operation with argon. Plasma Sources Science and Technology, 1996, 5, 544-552.	3.1	80
174	Electromagnetic instability in nonuniform resistive electron magnetohydrodynamics. Physics of Plasmas, 1996, 3, 731-743.	1.9	6
175	Thermonuclear fusion with a spinning gas-puff staged pinch. Plasma Physics and Controlled Fusion, 1996, 38, 847-852.	2.1	3
176	Neutron and x-ray emission studies in a low energy plasma focus. Physica Scripta, 1996, 53, 360-363.	2.5	15
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