

Prasanta Chatterjee

List of Publications by Year in descending order

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139
papers

2,817
citations

186265

28
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276875

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141
docs citations

141
times ranked

500
citing authors

#	ARTICLE	IF	CITATIONS
1	Inward and outward dust acoustic cylindrical and spherical waves interaction in four-component dusty plasma with nonthermal ions. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2022, 77, 1-12.	1.5	11
2	Forced KdV and Envelope Soliton in Magnetoplasma With Kappa Distributed Ions. <i>IEEE Transactions on Plasma Science</i> , 2022, 50, 1565-1578.	1.3	9
3	Influence of External Periodic Force On Ion Acoustic Waves in a Magnetized Dusty Plasma Through Forced KP Equation and Modified Forced KP Equation. <i>Brazilian Journal of Physics</i> , 2022, 52, 1.	1.4	5
4	A Comparative Study on Academic Achievement of Mathematics and English with Other Subjects of Secondary Level in BTR of Assam, India, Using Mahalanobis Distance. <i>Education Research International</i> , 2022, 2022, 1-10.	1.1	5
5	Semi-Lagrangian Method to Study Nonlinear Electrostatic Waves in Quantum Plasma. <i>IEEE Transactions on Plasma Science</i> , 2022, 50, 1579-1584.	1.3	3
6	Integrability and the multi-soliton interactions of non-autonomous Zakharov-Kuznetsov equation. <i>European Physical Journal Plus</i> , 2022, 137, 1.	2.6	14
7	Analytical solitary wave solution of dust ion acoustic waves in nonextensive plasma in the framework of damped forced Korteweg-de Vries-Burgers equation. <i>Indian Journal of Physics</i> , 2021, 95, 2855-2863.	1.8	6
8	Average conservative chaos in quantum dusty plasmas. <i>Chaos</i> , 2021, 31, 013104.	2.5	2
9	Propagation of dust-ion-acoustic solitary waves for damped modified Kadomtsev-Petviashvili-Burgers equation in dusty plasma with a q-nonextensive nonthermal electron velocity distribution. <i>SeMA Journal</i> , 2021, 78, 571-593.	2.0	22
10	Two-dimensional ion-acoustic solitary waves obliquely propagating in a relativistic rotating magnetised electron-positron-ion plasma in the presence of external periodic force. <i>Pramana - Journal of Physics</i> , 2021, 95, 1.	1.8	14
11	Quasiperiodic Route to Chaos for the Dust Ion Acoustic Waves in Magnetized Dusty Plasmas. <i>Plasma Physics Reports</i> , 2021, 47, 419-426.	0.9	2
12	Approximate Analytical Solutions of Generalized Zakharov-Kuznetsov and Generalized Modified Zakharov-Kuznetsov Equations. <i>International Journal of Applied and Computational Mathematics</i> , 2021, 7, 1.	1.6	11
13	Ion-Neutral Collisional Effect on Solitary Waves in Weakly Ionized Plasma with Cairns-Gurevich Distribution of Electrons. <i>International Journal of Applied and Computational Mathematics</i> , 2021, 7, 1.	1.6	5
14	Non-stationary Solitary Wave Solution for Damped Forced Kadomtsev-Petviashvili Equation in a Magnetized Dusty Plasma with q-Nonextensive Velocity Distributed Electron. <i>International Journal of Applied and Computational Mathematics</i> , 2021, 7, .	1.6	10
15	In search of hyperchaos in a high dimensional unmagnetized quantum plasma. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2021, 76, 99-108.	1.5	0
16	An open problem on supernonlinear waves in a two-component Maxwellian plasma. <i>European Physical Journal Plus</i> , 2020, 135, 1.	2.6	22
17	Propagation of Ion-Acoustic Solitary Waves for Damped Forced Zakharov Kuznetsov Equation in a Relativistic Rotating Magnetized Electron-Positron-Ion Plasma. <i>International Journal of Applied and Computational Mathematics</i> , 2020, 6, 1.	1.6	19
18	Soliton turbulence in electronegative plasma due to head-on collision of multi solitons. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2020, 75, 999-1007.	1.5	3

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19	Effect of Dust Ion Collision on Dust Ion Acoustic Solitary Waves for Nonextensive Plasmas in the Framework of Damped Korteweg-de Vries-Burgers Equation. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2019, 74, 861-867.	1.5	10
20	Dynamics of ion-acoustic waves in Thomas-Fermi plasmas with source term. Advances in Space Research, 2019, 64, 427-435.	2.6	38
21	Three-Soliton Interaction and Soliton Turbulence in Superthermal Dusty Plasmas. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2019, 74, 757-766.	1.5	8
22	Analytical solitary wave solution of the dust ion acoustic waves for the damped forced modified Korteweg-de Vries equation in q-nonextensive plasmas. European Physical Journal: Special Topics, 2019, 228, 2753-2768.	2.6	35
23	Effect of externally applied periodic force on ion acoustic waves in superthermal plasmas. Physics of Plasmas, 2018, 25, .	1.9	31
24	Chaotic to Periodic Phenomena of Dust-Ion-Acoustic Waves in a Collisional Dusty Plasma. Advances in Intelligent Systems and Computing, 2018, , 405-413.	0.6	0
25	Non-head-on Non-overtaking Collision of Two Solitary Waves in a Multicomponent Plasma. Advances in Intelligent Systems and Computing, 2018, , 505-513.	0.6	0
26	Analytical Solitary Wave Solution of the Dust Ion Acoustic Waves for the Damped Forced Korteweg-de Vries Equation in Superthermal Plasmas. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2018, 73, 151-159.	1.5	44
27	Comment on "The collision effect between dust grains and ions to the dust ion acoustic waves in a dusty plasma" [Phys. Plasmas 19, 103705 (2012)]. Physics of Plasmas, 2018, 25, 084701.	1.9	1
28	Dynamics of the positron acoustic waves in electron-positron ion magnetoplasmas. Indian Journal of Physics, 2017, 91, 689-699.	1.8	41
29	Face-to-face interaction of multisolitons in spin-1/2 quantum plasma. Pramana - Journal of Physics, 2017, 88, 1.	1.8	6
30	Propagation and interaction of two soliton in a quantum semiconductor plasma with exchange correlation effects. Physics of Plasmas, 2017, 24, .	1.9	21
31	Oblique Interaction of Ion-Acoustic Solitary Waves in e-p-i Plasmas. Brazilian Journal of Physics, 2017, 47, 295-301.	1.4	8
32	Effect of dust ion collision on dust ion acoustic waves in the framework of damped Zakharov-Kuznetsov equation in presence of external periodic force. Physics of Plasmas, 2017, 24, .	1.9	19
33	Effect of dust ion collisional frequency on transition of dust ion acoustic waves from quasiperiodic motion to limit cycle oscillation in a magnetized dusty plasma. Physics of Plasmas, 2017, 24, .	1.9	24
34	Comment on "Solitonic and chaotic behaviors for the nonlinear dust-acoustic waves in a magnetized dusty plasma" [Phys. Plasmas 23, 052301 (2016)]. Physics of Plasmas, 2017, 24, 094701.	1.9	1
35	Analytical electron acoustic solitary wave solution for the forced KdV equation in superthermal plasmas. Physics of Plasmas, 2017, 24, .	1.9	43
36	Deformed Korteweg-de Vries equation of two solitons in a quantum semiconductor plasma in the presence of electron-phonon collision frequency and exchange-correlation potential. European Physical Journal Plus, 2017, 132, 1.	2.6	4

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37	Nonlinear excitations for the positron acoustic waves in auroral acceleration regions. <i>Advances in Space Research</i> , 2017, 60, 1220-1236.	2.6	14
38	The effect of exchange-correlation coefficient in quantum semiconductor plasma in presence of electron-phonon collision frequency. <i>Physics of Plasmas</i> , 2016, 23, .	1.9	16
39	A study on dust acoustic traveling wave solutions and quasiperiodic route to chaos in nonthermal magnetoplasmas. <i>Iranian Physical Journal</i> , 2016, 10, 271-280.	1.2	20
40	Head-on Collision of Ion-acoustic Multi-Solitons in e-p-i Plasma. <i>Communications in Theoretical Physics</i> , 2016, 65, 237-246.	2.5	26
41	Two-soliton and three-soliton interactions of electron acoustic waves in quantum plasma. <i>Pramana - Journal of Physics</i> , 2016, 86, 873-883.	1.8	19
42	Nonlinear dust acoustic travelling waves in dusty plasmas due to dust charge fluctuations. <i>Journal of Plasma Physics</i> , 2015, 81, .	2.1	13
43	Comment on "Effects of damping solitary wave in a viscosity bounded plasma" [Phys. Plasmas 21, 022118 (2014)]. <i>Physics of Plasmas</i> , 2015, 22, 074701.	1.9	1
44	Qualitative structures of electron-acoustic waves in an unmagnetized plasma with q-nonextensive hot electrons. <i>European Physical Journal Plus</i> , 2015, 130, 1.	2.6	37
45	Overtaking Collision and Phase Shifts of Dust Acoustic Multi-Solitons in a Four Component Dusty Plasma with Nonthermal Electrons. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2015, 70, 703-711.	1.5	29
46	Solitonic, Periodic and Quasiperiodic Behaviors of Dust Ion Acoustic Waves in Superthermal Plasmas. <i>Brazilian Journal of Physics</i> , 2015, 45, 419-426.	1.4	36
47	Bifurcation and Quasiperiodic Behaviors of Ion Acoustic Waves in Magnetoplasmas with Nonthermal Electrons Featuring Tsallis Distribution. <i>Brazilian Journal of Physics</i> , 2015, 45, 325-333.	1.4	30
48	Dynamic Motions of Ion Acoustic Waves in Plasmas with Superthermal Electrons. <i>Brazilian Journal of Physics</i> , 2015, 45, 656-663.	1.4	23
49	Dynamic structures of nonlinear ion acoustic waves in a nonextensive electron-positron-ion plasma. <i>Iranian Physical Journal</i> , 2015, 9, 321-329.	1.2	31
50	Solitonic, periodic, quasiperiodic and chaotic structures of dust ion acoustic waves in nonextensive dusty plasmas. <i>European Physical Journal D</i> , 2015, 69, 1.	1.3	66
51	Nonplanar ion-acoustic two-soliton systems in quantum electron-positron-ion plasmas. <i>Astrophysics and Space Science</i> , 2015, 355, 89-94.	1.4	7
52	Head on collision of multi-solitons in an electron-positron-ion plasma having superthermal electrons. <i>Physics of Plasmas</i> , 2014, 21, 104509.	1.9	19
53	Study of possible chaotic, quasi-periodic and periodic structures in quantum dusty plasma. <i>Physics of Plasmas</i> , 2014, 21, .	1.9	14
54	Bifurcations of ion acoustic solitary and periodic waves in an electron-positron-ion plasma through non-perturbative approach. <i>Journal of Plasma Physics</i> , 2014, 80, 553-563.	2.1	20

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55	Effect of ion kinematic viscosity on large amplitude dust ion acoustic solitary waves. <i>Astrophysics and Space Science</i> , 2014, 349, 745-751.	1.4	5
56	Cylindrical Zakharov-Kuznestov equation for ion-acoustic waves with electrons featuring non-extensive distribution. <i>Astrophysics and Space Science</i> , 2014, 349, 765-771.	1.4	4
57	Dust ion acoustic travelling waves in the framework of a modified Kadomtsev-Petviashvili equation in a magnetized dusty plasma with superthermal electrons. <i>Astrophysics and Space Science</i> , 2014, 349, 813-820.	1.4	54
58	Bifurcations of ion acoustic solitary waves and periodic waves in an unmagnetized plasma with kappa distributed multi-temperature electrons. <i>Astrophysics and Space Science</i> , 2014, 350, 631-636.	1.4	28
59	Shock waves in a dusty plasma having q-nonextensive electron velocity distribution. <i>Astrophysics and Space Science</i> , 2014, 350, 599-605.	1.4	18
60	Bifurcations of dust acoustic solitary waves and periodic waves in an unmagnetized plasma with nonextensive ions. <i>Astrophysics and Space Science</i> , 2014, 351, 533-537.	1.4	45
61	Bifurcations of electron acoustic traveling waves in an unmagnetized quantum plasma with cold and hot electrons. <i>Astrophysics and Space Science</i> , 2014, 349, 239-244.	1.4	28
62	New analytical solutions for dust acoustic solitary and periodic waves in an unmagnetized dusty plasma with kappa distributed electrons and ions. <i>Physics of Plasmas</i> , 2014, 21, 022111.	1.9	43
63	Dynamic behavior of ion acoustic waves in electron-positron-ion magnetoplasmas with superthermal electrons and positrons. <i>Physics of Plasmas</i> , 2014, 21, .	1.9	61
64	Electron acoustic blow up solitary waves and periodic waves in an unmagnetized plasma with kappa distributed hot electrons. <i>Astrophysics and Space Science</i> , 2014, 353, 163-168.	1.4	32
65	Propagation and interaction of dust acoustic multi-soliton in dusty plasmas with q-nonextensive electrons and ions. <i>Astrophysics and Space Science</i> , 2014, 353, 169-177.	1.4	46
66	Overtaking collision of two ion acoustic soliton in a plasma with a q-nonextensive electron and thermal positrons. <i>Astrophysics and Space Science</i> , 2014, 352, 151-157.	1.4	24
67	Electron acoustic dressed soliton in quantum plasma. <i>Indian Journal of Physics</i> , 2013, 87, 827-834.	1.8	4
68	Bifurcations of dust ion acoustic travelling waves in a magnetized quantum dusty plasma. <i>Astrophysics and Space Science</i> , 2013, 347, 293-298.	1.4	43
69	Head-on collision of electron-acoustic Korteweg-de Vries solitons in a magnetized quantum plasma. <i>Astrophysics and Space Science</i> , 2013, 348, 89-97.	1.4	4
70	Effect of nonthermal distributed electrons and temperature on phase shifts during the collision of inward and outward ion-acoustic solitary waves in nonplanar geometry. <i>Pramana - Journal of Physics</i> , 2013, 81, 631-640.	1.8	0
71	Nonplanar ion-acoustic shocks in electron-positron-ion plasmas: Effect of superthermal electrons. <i>Pramana - Journal of Physics</i> , 2013, 81, 491-501.	1.8	10
72	Nonplanar ion-acoustic Gardner solitons in a pair-ion plasma with nonextensive electrons and positrons. <i>Astrophysics and Space Science</i> , 2013, 343, 265-272.	1.4	38

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73	Head on collision of dust ion acoustic solitary waves in magnetized quantum dusty plasmas. <i>Astrophysics and Space Science</i> , 2013, 343, 639-645.	1.4	35
74	Interaction of cylindrical and spherical ion acoustic solitary waves with superthermal electrons and positrons. <i>Astrophysics and Space Science</i> , 2013, 344, 127-133.	1.4	15
75	Bifurcations of dust ion acoustic travelling waves in a magnetized dusty plasma with a q -nonextensive electron velocity distribution. <i>Physics of Plasmas</i> , 2013, 20, .	1.9	98
76	Head-on collision of dust-ion-acoustic solitons in electron-dust-ion quantum plasmas. <i>Pramana - Journal of Physics</i> , 2013, 80, 519-531.	1.8	11
77	Phase shifts of magneto-acoustic solitons in spin-1/2 fermionic quantum plasma during head-on collision. <i>Journal of Plasma Physics</i> , 2013, 79, 305-310.	2.1	9
78	Effect of superthermal electrons on dust-acoustic Gardner solitons in nonplanar geometry. <i>Pramana - Journal of Physics</i> , 2013, 80, 665-676.	1.8	3
79	Head-on collisions of ion-acoustic Korteweg-de Vries/modified Korteweg-de Vries solitons in a magnetized quantum electron-positron-ion plasma. <i>Astrophysics and Space Science</i> , 2013, 345, 273-281.	1.4	11
80	Nonplanar Ion Acoustic Solitary Waves in Electron-Positron-Ion Plasma With Warm Ions, and Electron and Positron Following Q -Nonextensive Velocity Distribution. <i>IEEE Transactions on Plasma Science</i> , 2013, 41, 1600-1606.	1.3	24
81	Bifurcations of nonlinear ion acoustic travelling waves in the frame of a Zakharov-Kuznetsov equation in magnetized plasma with a kappa distributed electron. <i>Physics of Plasmas</i> , 2013, 20, .	1.9	66
82	Large amplitude double layers in a dusty plasma with nonthermal electrons featuring Tsallis distribution. <i>Astrophysics and Space Science</i> , 2013, 346, 409-413.	1.4	3
83	Soliton and shocks in pair ion plasma in presence of superthermal electron. <i>Astrophysics and Space Science</i> , 2013, 345, 291-296.	1.4	15
84	Effect of non-extensivity during the collision between inward and outward ion acoustic solitary waves in cylindrical and spherical geometry. <i>Journal of Plasma Physics</i> , 2013, 79, 789-795.	2.1	12
85	Higher order corrections to dust-acoustic ZK-solitons in a magnetized quantum dusty plasma. <i>Astrophysics and Space Science</i> , 2013, 346, 191-201.	1.4	8
86	Response to "Comment on "Nonplanar dust-ion acoustic Gardner solitons in a dusty plasma with q -nonextensive electron velocity distribution" [Phys. Plasmas 20, 044703 (2013)]. <i>Physics of Plasmas</i> , 2013, 20, 044704.	1.9	1
87	Non-planar dust-acoustic solitary waves and double layers in a four-component dusty plasma with super thermal electrons. <i>Journal of Plasma Physics</i> , 2013, 79, 691-698.	2.1	2
88	Non-planar ion acoustic Gardner solitons in electron-positron-ion plasma with superthermal electrons and positrons. <i>Journal of Plasma Physics</i> , 2013, 79, 37-44.	2.1	11
89	Arbitrary amplitude double layers in a four component dusty plasma with kappa distributed electron. <i>Astrophysics and Space Science</i> , 2012, 342, 125-129.	1.4	17
90	Superthermal effect of electrons on nonplanar dust-ion-acoustic solitary waves and double layers in a dusty plasma. <i>Astrophysics and Space Science</i> , 2012, 342, 449-456.	1.4	12

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91	Dust acoustic dressed solitons in a four component dusty plasma with nonthermal electron. <i>Advances in Space Research</i> , 2012, 50, 1288-1293.	2.6	9
92	Effect of ion temperature on ion-acoustic solitary waves in a plasma with a q-nonextensive electron velocity distribution. <i>Physics of Plasmas</i> , 2012, 19, .	1.9	18
93	Nonplanar ion acoustic solitary waves with superthermal electrons and positrons. <i>Astrophysics and Space Science</i> , 2012, 341, 559-565.	1.4	11
94	The effect of q-distributed electrons on the head-on collision of ion acoustic solitary waves. <i>Physics of Plasmas</i> , 2012, 19, .	1.9	72
95	Interaction of dust-ion acoustic solitary waves in nonplanar geometry with electrons featuring Tsallis distribution. <i>Physics of Plasmas</i> , 2012, 19, .	1.9	20
96	Nonplanar dust-ion acoustic Gardner solitons in a dusty plasma with q-nonextensive electron velocity distribution. <i>Physics of Plasmas</i> , 2012, 19, 033703.	1.9	26
97	Large amplitude double-layers in a dusty plasma with a q -nonextensive electron velocity distribution and two-temperature isothermal ions. <i>Physics of Plasmas</i> , 2012, 19, .	1.9	16
98	Dust acoustic solitary waves with superthermal electrons in cylindrical and spherical geometry. <i>Indian Journal of Physics</i> , 2012, 86, 829-834.	1.8	8
99	The effect of q-distributed ions during the head-on collision of dust acoustic solitary waves. <i>Astrophysics and Space Science</i> , 2012, 339, 255-260.	1.4	40
100	Planar and nonplanar ion acoustic shock waves with nonthermal electrons and positrons. <i>Astrophysics and Space Science</i> , 2012, 339, 261-267.	1.4	26
101	Dust acoustic solitary waves in a dusty plasma with variable dust charge and an arbitrary streaming ion beam. <i>Indian Journal of Physics</i> , 2012, 86, 529-533.	1.8	19
102	Head-on collision of dust acoustic solitary waves with variable dust charge and two temperature ions in an unmagnetized plasma. <i>Astrophysics and Space Science</i> , 2012, 340, 87-92.	1.4	22
103	Head-on collision of dust acoustic solitary waves in a four-component dusty plasma with nonthermal ions. <i>Physics of Plasmas</i> , 2011, 18, .	1.9	61
104	Head-on collision of dust-ion-acoustic soliton in quantum pair-ion plasma. <i>Physics of Plasmas</i> , 2011, 18, .	1.9	46
105	Shock Waves in a Dusty Plasma with Positive and Negative Dust where Ions are Non-Thermal. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2010, 65, 85-90.	1.5	5
106	Ion acoustic solitary waves and double layers in dense electron-positron-ion magnetoplasma. <i>Physics of Plasmas</i> , 2010, 17, .	1.9	24
107	Large-amplitude double layers in a dusty plasma with an arbitrary streaming ion beam. <i>Pramana - Journal of Physics</i> , 2010, 74, 973-981.	1.8	11
108	Higher-order corrections to dust ion-acoustic soliton in a quantum dusty plasma. <i>Physics of Plasmas</i> , 2010, 17, 103705.	1.9	20

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109	Head-on collision of ion acoustic solitary waves in an electron-positron-ion plasma with superthermal electrons. <i>Physics of Plasmas</i> , 2010, 17, .	1.9	115
110	Effect of ion temperature on arbitrary amplitude ion acoustic solitary waves in quantum electron-ion plasmas. <i>Physics of Plasmas</i> , 2009, 16, 042311.	1.9	25
111	Effect of ion temperature on oblique propagation of large amplitude solitary kinetic Alfvén waves. <i>Physics of Plasmas</i> , 2009, 16, 103702.	1.9	6
112	Dressed solitons in quantum electron-positron-ion plasmas. <i>Physics of Plasmas</i> , 2009, 16, 122112.	1.9	25
113	Dressed soliton in quantum dusty pair-ion plasma. <i>Physics of Plasmas</i> , 2009, 16, 112106.	1.9	41
114	Large amplitude double layers in dusty plasma with non-thermal electrons and two temperature isothermal ions. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2009, 373, 1144-1147.	2.1	16
115	Large amplitude double layers in a four component dusty plasma with non-thermal ions. <i>Indian Journal of Physics</i> , 2009, 83, 365-374.	1.8	24
116	Synchronization of bidirectionally coupled chaotic Chen's system with delay. <i>Chaos, Solitons and Fractals</i> , 2009, 41, 190-197.	5.1	21
117	Synchronization of generalised linearly bidirectionally coupled unified chaotic system. <i>Chaos, Solitons and Fractals</i> , 2009, 40, 885-892.	5.1	26
118	Synchronization threshold of a coupled n-dimensional time-delay system. <i>Chaos, Solitons and Fractals</i> , 2009, 41, 1123-1124.	5.1	4
119	Obliquely propagating ion acoustic solitary waves in magnetized dusty plasma in the presence of nonthermal electrons. <i>Physics of Plasmas</i> , 2009, 16, .	1.9	33
120	Generation of a dressed soliton in a four-component dusty plasma with nonthermal ions. <i>Physics of Plasmas</i> , 2009, 16, .	1.9	28
121	Solitary waves and double layers in dense magnetoplasma. <i>Physics of Plasmas</i> , 2009, 16, .	1.9	6
122	Nonlinear Ion Acoustic Waves in a Magnetized Dusty Plasma in the Presence of Nonthermal Electrons. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2009, 64, 370-376.	1.5	9
123	Obliquely propagating ion acoustic solitary waves and double layers in a magnetized dusty plasma with anisotropic ion pressure. <i>Physics of Plasmas</i> , 2008, 15, .	1.9	27
124	Large Amplitude Solitary Waves in a Four-Component Dusty Plasma with Nonthermal Ions. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2008, 63, 393-399.	1.5	25
125	Speed and shape of dust acoustic solitary waves with variable dust charge and two temperature ions. <i>Physics of Plasmas</i> , 2006, 13, 062106.	1.9	9
126	Speed and Shape of Electrostatic Waves in Dust-Ion Plasma. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2006, 61, 661-666.	1.5	2

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127	Speed and shape of large-amplitude solitary waves in ion-beam plasma system. European Physical Journal D, 2006, 56, 1429-1436.	0.4	4
128	Speed and shape of solitary waves in relativistic warm plasma. European Physical Journal D, 2006, 56, 389-398.	0.4	3
129	Effect of electron inertia on the speed and shape of ion-acoustic solitary waves in relativistic plasma. European Physical Journal D, 2005, 55, 489-496.	0.4	1
130	Speed and Shape of Dust Acoustic Solitary Waves in the Presence of Dust Streaming. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2005, 60, 275-281.	1.5	15
131	Speed and Shape of Solitary Waves in Two-electron Plasmas with Relativistic Warm Ions. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2004, 59, 353-358.	1.5	5
132	Effect of electron inertia on the speed and shape of ion-acoustic solitary waves in plasma. Physics of Plasmas, 2004, 11, 3616-3620.	1.9	24
133	Arbitrary amplitude double layers in dusty plasma. Physics of Plasmas, 1999, 6, 406-408.	1.9	27
134	Effect of finite ion temperature on large-amplitude solitary kinetic Alfvén waves. Physics of Plasmas, 1998, 5, 3828-3832.	1.9	12
135	Ion Acoustic Soliton in an Electron Beam Plasma. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 1996, 51, 1002-1006.	1.5	7
136	Arbitrary-amplitude electron acoustic solitary waves in a plasma. Journal of Plasma Physics, 1995, 53, 25-29.	2.1	27
137	The effect of finite ion temperature on solitary waves in a plasma with an ion beam. Physics of Plasmas, 1995, 2, 1352-1354.	1.9	7
138	Effect of ion temperature on large-amplitude ion-acoustic solitary waves in relativistic plasma. Physics of Plasmas, 1994, 1, 2148-2153.	1.9	28
139	Approximate Analytical Solution of Nonlinear Evolution Equations. , 0, , .		3