

# Prasanta Chatterjee

## List of Publications by Year in descending order

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139  
papers

2,817  
citations

186265

28  
h-index

276875

41  
g-index

141  
all docs

141  
docs citations

141  
times ranked

500  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	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
6	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
7	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
8	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
9	Head-on collision of dust-ion-acoustic soliton in quantum pair-ion plasma. <i>Physics of Plasmas</i> , 2011, 18, .	1.9	46
10	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
11	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
12	Analytical Solitary Wave Solution of the Dust Ion Acoustic Waves for the Damped Forced Korteweg-de Vries Equation in Superthermal Plasmas. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2018, 73, 151-159.	1.5	44
13	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
14	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
15	Analytical electron acoustic solitary wave solution for the forced KdV equation in superthermal plasmas. <i>Physics of Plasmas</i> , 2017, 24, .	1.9	43
16	Dressed soliton in quantum dusty pair-ion plasma. <i>Physics of Plasmas</i> , 2009, 16, 112106.	1.9	41
17	Dynamics of the positron acoustic waves in electron-positron-ion magnetoplasmas. <i>Indian Journal of Physics</i> , 2017, 91, 689-699.	1.8	41
18	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

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19	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
20	Dynamics of ion-acoustic waves in Thomas-Fermi plasmas with source term. <i>Advances in Space Research</i> , 2019, 64, 427-435.	2.6	38
21	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
22	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
23	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
24	Analytical solitary wave solution of the dust ion acoustic waves for the damped forced modified Korteweg-de Vries equation in q-nonextensive plasmas. <i>European Physical Journal: Special Topics</i> , 2019, 228, 2753-2768.	2.6	35
25	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
26	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
27	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
28	Effect of externally applied periodic force on ion acoustic waves in superthermal plasmas. <i>Physics of Plasmas</i> , 2018, 25, .	1.9	31
29	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
30	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
31	Effect of ion temperature on large-amplitude ion-acoustic solitary waves in relativistic plasma. <i>Physics of Plasmas</i> , 1994, 1, 2148-2153.	1.9	28
32	Generation of a dressed soliton in a four-component dusty plasma with nonthermal ions. <i>Physics of Plasmas</i> , 2009, 16, .	1.9	28
33	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
34	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
35	Arbitrary-amplitude electron acoustic solitary waves in a plasma. <i>Journal of Plasma Physics</i> , 1995, 53, 25-29.	2.1	27
36	Arbitrary amplitude double layers in dusty plasma. <i>Physics of Plasmas</i> , 1999, 6, 406-408.	1.9	27

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37	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
38	Synchronization of generalised linearly bidirectionally coupled unified chaotic system. <i>Chaos, Solitons and Fractals</i> , 2009, 40, 885-892.	5.1	26
39	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
40	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
41	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
42	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
43	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
44	Dressed solitons in quantum electron-positron-ion plasmas. <i>Physics of Plasmas</i> , 2009, 16, 122112.	1.9	25
45	Effect of electron inertia on the speed and shape of ion-acoustic solitary waves in plasma. <i>Physics of Plasmas</i> , 2004, 11, 3616-3620.	1.9	24
46	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
47	Ion acoustic solitary waves and double layers in dense electron-positron-ion magnetoplasma. <i>Physics of Plasmas</i> , 2010, 17, .	1.9	24
48	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
49	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
50	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. <i>Physics of Plasmas</i> , 2017, 24, .	1.9	24
51	Dynamic Motions of Ion Acoustic Waves in Plasmas with Superthermal Electrons. <i>Brazilian Journal of Physics</i> , 2015, 45, 656-663.	1.4	23
52	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
53	An open problem on supernonlinear waves in a two-component Maxwellian plasma. <i>European Physical Journal Plus</i> , 2020, 135, 1.	2.6	22
54	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

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55	Synchronization of bidirectionally coupled chaotic Chen's system with delay. Chaos, Solitons and Fractals, 2009, 41, 190-197.	5.1	21
56	Propagation and interaction of two soliton in a quantum semiconductor plasma with exchange correlation effects. Physics of Plasmas, 2017, 24, .	1.9	21
57	Higher-order corrections to dust ion-acoustic soliton in a quantum dusty plasma. Physics of Plasmas, 2010, 17, 103705.	1.9	20
58	Interaction of dust-ion acoustic solitary waves in nonplanar geometry with electrons featuring Tsallis distribution. Physics of Plasmas, 2012, 19, .	1.9	20
59	Bifurcations of ion acoustic solitary and periodic waves in an electron-positron-ion plasma through non-perturbative approach. Journal of Plasma Physics, 2014, 80, 553-563.	2.1	20
60	A study on dust acoustic traveling wave solutions and quasiperiodic route to chaos in nonthermal magnetoplasmas. Iranian Physical Journal, 2016, 10, 271-280.	1.2	20
61	Dust acoustic solitary waves in a dusty plasma with variable dust charge and an arbitrary streaming ion beam. Indian Journal of Physics, 2012, 86, 529-533.	1.8	19
62	Head on collision of multi-solitons in an electron-positron-ion plasma having superthermal electrons. Physics of Plasmas, 2014, 21, 104509.	1.9	19
63	Two-soliton and three-soliton interactions of electron acoustic waves in quantum plasma. Pramana - Journal of Physics, 2016, 86, 873-883.	1.8	19
64	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
65	Propagation of Ion-Acoustic Solitary Waves for Damped Forced Zakharov Kuznetsov Equation in a Relativistic Rotating Magnetized Electron-Positron-Ion Plasma. International Journal of Applied and Computational Mathematics, 2020, 6, 1.	1.6	19
66	Effect of ion temperature on ion-acoustic solitary waves in a plasma with a q-nonextensive electron velocity distribution. Physics of Plasmas, 2012, 19, .	1.9	18
67	Shock waves in a dusty plasma having q-nonextensive electron velocity distribution. Astrophysics and Space Science, 2014, 350, 599-605.	1.4	18
68	Arbitrary amplitude double layers in a four component dusty plasma with kappa distributed electron. Astrophysics and Space Science, 2012, 342, 125-129.	1.4	17
69	Large amplitude double layers in dusty plasma with non-thermal electrons and two temperature isothermal ions. Physics Letters, Section A: General, Atomic and Solid State Physics, 2009, 373, 1144-1147.	2.1	16
70	Large amplitude double-layers in a dusty plasma with a q-nonextensive electron velocity distribution and two-temperature isothermal ions. Physics of Plasmas, 2012, 19, .	1.9	16
71	The effect of exchange-correlation coefficient in quantum semiconductor plasma in presence of electron-phonon collision frequency. Physics of Plasmas, 2016, 23, .	1.9	16
72	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

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73	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
74	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
75	Study of possible chaotic, quasi-periodic and periodic structures in quantum dusty plasma. <i>Physics of Plasmas</i> , 2014, 21, .	1.9	14
76	Nonlinear excitations for the positron acoustic waves in auroral acceleration regions. <i>Advances in Space Research</i> , 2017, 60, 1220-1236.	2.6	14
77	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
78	Integrability and the multi-soliton interactions of non-autonomous Zakharov-Kuznetsov equation. <i>European Physical Journal Plus</i> , 2022, 137, 1.	2.6	14
79	Nonlinear dust acoustic travelling waves in dusty plasmas due to dust charge fluctuations. <i>Journal of Plasma Physics</i> , 2015, 81, .	2.1	13
80	Effect of finite ion temperature on large-amplitude solitary kinetic Alfvén waves. <i>Physics of Plasmas</i> , 1998, 5, 3828-3832.	1.9	12
81	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
82	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
83	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
84	Nonplanar ion acoustic solitary waves with superthermal electrons and positrons. <i>Astrophysics and Space Science</i> , 2012, 341, 559-565.	1.4	11
85	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
86	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
87	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
88	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
89	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
90	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

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91	Effect of Dust Ion Collision on Dust Ion Acoustic Solitary Waves for Nonextensive Plasmas in the Framework of Damped Kortewegâ€“de Vriesâ€“Burgers Equation. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2019, 74, 861-867.	1.5	10
92	Non-stationary Solitary Wave Solution for Damped Forced Kadomtsevâ€“Petviashvili Equation in a Magnetized Dusty Plasma with q-Nonextensive Velocity Distributed Electron. International Journal of Applied and Computational Mathematics, 2021, 7, .	1.6	10
93	Speed and shape of dust acoustic solitary waves with variable dust charge and two temperature ions. Physics of Plasmas, 2006, 13, 062106.	1.9	9
94	Nonlinear Ion Acoustic Waves in a Magnetized Dusty Plasma in the Presence of Nonthermal Electrons. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2009, 64, 370-376.	1.5	9
95	Dust acoustic dressed solitons in a four component dusty plasma with nonthermal electron. Advances in Space Research, 2012, 50, 1288-1293.	2.6	9
96	Phase shifts of magneto-acoustic solitons in spin-1/2 fermionic quantum plasma during head-on collision. Journal of Plasma Physics, 2013, 79, 305-310.	2.1	9
97	Forced KdV and Envelope Soliton in Magnetoplasma With Kappa Distributed Ions. IEEE Transactions on Plasma Science, 2022, 50, 1565-1578.	1.3	9
98	Dust acoustic solitary waves with superthermal electrons in cylindrical and spherical geometry. Indian Journal of Physics, 2012, 86, 829-834.	1.8	8
99	Higher order corrections to dust-acoustic ZK-solitons in a magnetized quantum dusty plasma. Astrophysics and Space Science, 2013, 346, 191-201.	1.4	8
100	Oblique Interaction of Ion-Acoustic Solitary Waves in e-p-i Plasmas. Brazilian Journal of Physics, 2017, 47, 295-301.	1.4	8
101	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
102	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
103	Ion Acoustic Soliton in an Electron Beam Plasma. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 1996, 51, 1002-1006.	1.5	7
104	Nonplanar ion-acoustic two-soliton systems in quantum electronâ€“positronâ€“ion plasmas. Astrophysics and Space Science, 2015, 355, 89-94.	1.4	7
105	Effect of ion temperature on oblique propagation of large amplitude solitary kinetic AlfvÃ©n waves. Physics of Plasmas, 2009, 16, 103702.	1.9	6
106	Solitary waves and double layers in dense magnetoplasma. Physics of Plasmas, 2009, 16, .	1.9	6
107	Face-to-face interaction of multisolitons in spin-1/2 quantum plasma. Pramana - Journal of Physics, 2017, 88, 1.	1.8	6
108	Analytical solitary wave solution of dust ion acoustic waves in nonextensive plasma in the framework of damped forced Kortewegâ€“de Vriesâ€“Burgers equation. Indian Journal of Physics, 2021, 95, 2855-2863.	1.8	6

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109	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
110	Shock Waves in a Dusty Plasma with Positive and Negative Dust where Ions are Non-Thermal. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2010, 65, 85-90.	1.5	5
111	Effect of ion kinematic viscosity on large amplitude dust ion acoustic solitary waves. Astrophysics and Space Science, 2014, 349, 745-751.	1.4	5
112	Ion-Neutral Collisional Effect on Solitary Waves in Weakly Ionized Plasma with Cairns's Gurevich Distribution of Electrons. International Journal of Applied and Computational Mathematics, 2021, 7, 1.	1.6	5
113	Influence of External Periodic Force On Ion Acoustic Waves in a Magnetized Dusty Plasma Through Forced KP Equation and Modified Forced KP Equation. Brazilian Journal of Physics, 2022, 52, 1.	1.4	5
114	A Comparative Study on Academic Achievement of Mathematics and English with Other Subjects of Secondary Level in BTR of Assam, India, Using Mahalanobis Distance. Education Research International, 2022, 2022, 1-10.	1.1	5
115	Speed and shape of large-amplitude solitary waves in ion-beam plasma system. European Physical Journal D, 2006, 56, 1429-1436.	0.4	4
116	Synchronization threshold of a coupled n-dimensional time-delay system. Chaos, Solitons and Fractals, 2009, 41, 1123-1124.	5.1	4
117	Electron acoustic dressed soliton in quantum plasma. Indian Journal of Physics, 2013, 87, 827-834.	1.8	4
118	Head-on collision of electron-acoustic Korteweg-de Vries solitons in a magnetized quantum plasma. Astrophysics and Space Science, 2013, 348, 89-97.	1.4	4
119	Cylindrical Zakharov-Kuznestov equation for ion-acoustic waves with electrons featuring non-extensive distribution. Astrophysics and Space Science, 2014, 349, 765-771.	1.4	4
120	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
121	Speed and shape of solitary waves in relativistic warm plasma. European Physical Journal D, 2006, 56, 389-398.	0.4	3
122	Effect of superthermal electrons on dust-acoustic Gardner solitons in nonplanar geometry. Pramana - Journal of Physics, 2013, 80, 665-676.	1.8	3
123	Large amplitude double layers in a dusty plasma with nonthermal electrons featuring Tsallis distribution. Astrophysics and Space Science, 2013, 346, 409-413.	1.4	3
124	Approximate Analytical Solution of Nonlinear Evolution Equations. , 0, , .		3
125	Soliton turbulence in electronegative plasma due to head-on collision of multi solitons. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2020, 75, 999-1007.	1.5	3
126	Semi-Lagrangian Method to Study Nonlinear Electrostatic Waves in Quantum Plasma. IEEE Transactions on Plasma Science, 2022, 50, 1579-1584.	1.3	3



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127	Speed and Shape of Electrostatic Waves in Dust-Ion Plasma. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2006, 61, 661-666.	1.5	2
128	Non-planar dust-acoustic solitary waves and double layers in a four-component dusty plasma with super thermal electrons. Journal of Plasma Physics, 2013, 79, 691-698.	2.1	2
129	Average conservative chaos in quantum dusty plasmas. Chaos, 2021, 31, 013104.	2.5	2
130	Quasiperiodic Route to Chaos for the Dust Ion Acoustic Waves in Magnetized Dusty Plasmas. Plasma Physics Reports, 2021, 47, 419-426.	0.9	2
131	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
132	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)]. Physics of Plasmas, 2013, 20, 044704.	1.9	1
133	Comment on "Effects of damping solitary wave in a viscosity bounded plasma" [Phys. Plasmas 21, 022118 (2014)]. Physics of Plasmas, 2015, 22, 074701.	1.9	1
134	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
135	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
136	Effect of nonthermal distributed electrons and temperature on phase shifts during the collision of inward and outward ion-acoustic solitary waves in nonplanar geometry. Pramana - Journal of Physics, 2013, 81, 631-640.	1.8	0
137	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
138	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
139	In search of hyperchaos in a high dimensional unmagnetized quantum plasma. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2021, 76, 99-108.	1.5	0