

# Anisa Qamar

## List of Publications by Year in descending order

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papers

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citations

516710

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610901

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all docs

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docs citations

55  
times ranked

265  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dust ion acoustic waves in non-thermal Cairns bi-Maxwellian plasma. Contributions To Plasma Physics, 2021, 61, e202000216.	1.1	1
2	Nonlinear excitations of magnetosonic solitary waves and their chaotic behavior in spin-polarized degenerate quantum magnetoplasma. Chaos, 2021, 31, 023133.	2.5	10
3	Role of entropy in $\hat{\nu}$ -mode driven nonlinear structures obtained by homotopy perturbation method in electron-positron-ion plasma. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2021, 76, 671-681.	1.5	1
4	Coexistence of positive and negative polarity dust ion acoustic excitations with $\kappa$ -deformed Kaniadakis distribution. European Physical Journal Plus, 2021, 136, 1.	2.6	8
5	3D non-driven magnetic reconnection at multiple separators. Chaos, 2021, 31, 123123.	2.5	1
6	Head-on Collision of Magnetosonic Shock Waves with Separated Spin Evolution in Degenerate Quantum Magnetoplasma. Journal of the Physical Society of Japan, 2020, 89, 094502.	1.6	8
7	Interaction of kinetic Alfvén wave solitons in nonthermal plasmas. Physics of Plasmas, 2019, 26, .	1.9	13
8	Effect of Pressure Anisotropy on Nonlinear Periodic Waves in a Magnetized Superthermal Electron-Positron-Ion Plasma. Brazilian Journal of Physics, 2019, 49, 379-390.	1.4	5
9	Kinetic Study of Dust Ion Acoustic Waves in a Nonthermal Plasma. Journal of the Physical Society of Japan, 2019, 88, 034501.	1.6	8
10	Magnetosonic shock waves in magnetized quantum plasma with the evolution of spin-up and spin-down electrons. Physical Review E, 2019, 100, 053206.	2.1	14
11	Interaction of magnetoacoustic solitons in electron-positron plasmas. Advances in Space Research, 2019, 63, 1192-1203.	2.6	9
12	Oblique Interaction of Dust-ion Acoustic Solitons with Superthermal Electrons in a Magnetized Plasma. Journal of the Physical Society of Japan, 2018, 87, 014502.	1.6	16
13	Electron Bernstein waves in a collisionless magnetoplasma with Cairns distribution function. Canadian Journal of Physics, 2018, 96, 406-410.	1.1	0
14	Interaction of magnetoacoustic solitons in plasmas with dispersion effects through electron inertia. Contributions To Plasma Physics, 2018, 58, 1015-1026.	1.1	7
15	Nonplanar dust-acoustic waves and chaotic motions in Thomas Fermi dusty plasmas. Physics of Plasmas, 2018, 25, 083706.	1.9	29
16	Tripolar vortices in ion-temperature-gradient mode with non-Maxwellian electrons in an inhomogeneous magnetoplasma. Canadian Journal of Physics, 2017, 95, 650-654.	1.1	0
17	Oblique ion acoustic excitations in an ultra-relativistic degenerate dense magnetoplasma. Canadian Journal of Physics, 2017, 95, 655-661.	1.1	3
18	On the characteristics of obliquely propagating electrostatic structures in non-Maxwellian plasmas in the presence of ion pressure anisotropy. Physics of Plasmas, 2017, 24, .	1.9	15

#	ARTICLE	IF	CITATIONS
19	Arbitrary electron acoustic waves in degenerate dense plasmas. Indian Journal of Physics, 2017, 91, 581-587.	1.8	4
20	Landau damping of electrostatic modes in nonthermal plasmas. Physics of Plasmas, 2017, 24, .	1.9	19
21	Kinetic treatment of nonlinear ion-acoustic waves in multi-ion plasma. Physics of Plasmas, 2017, 24, 092304.	1.9	2
22	Characteristic study of head-on collision of dust-ion acoustic solitons of opposite polarity with kappa distributed electrons. Physics of Plasmas, 2016, 23, .	1.9	26
23	Quantum dust magnetosonic waves with spin and exchange correlation effects. Physics of Plasmas, 2016, 23, .	1.9	29
24	Ion temperature gradient mode driven solitons and shocks. Physics of Plasmas, 2016, 23, .	1.9	14
25	Small amplitude Kinetic Alfvén waves in a superthermal electron-positron-ion plasma. Advances in Space Research, 2016, 58, 1746-1754.	2.6	15
26	Small amplitude two dimensional electrostatic excitations in a magnetized dusty plasma with kappa distributed electrons. Astrophysics and Space Science, 2016, 361, 1.	1.4	7
27	Dust acoustic and drift waves in a non-Maxwellian dusty plasma with dust charge fluctuation. Journal of Plasma Physics, 2015, 81, .	2.1	3
28	Magnetohydrodynamic waves with relativistic electrons and positrons in degenerate spin-1/2 astrophysical plasmas. Physics of Plasmas, 2015, 22, .	1.9	15
29	Ion Streaming Instabilities in Pair Ion Plasma and Localized Structure with Non-Thermal Electrons. Brazilian Journal of Physics, 2015, 45, 633-642.	1.4	3
30	Electron temperature gradient mode instability and stationary vortices with elliptic and circular boundary conditions in non-Maxwellian plasmas. Physics of Plasmas, 2015, 22, 122105.	1.9	6
31	Electrostatic Solitary Waves in Relativistic Degenerate Electron-Positron-Ion Plasma. IEEE Transactions on Plasma Science, 2015, 43, 974-984.	1.3	40
32	Coupled ion acoustic and drift waves in magnetized superthermal electron-positron-ion plasmas. Physics of Plasmas, 2014, 21, 092119.	1.9	17
33	Dust acoustic solitary and shock excitations in a Thomas-Fermi magnetoplasma. Physics of Plasmas, 2014, 21, 072305.	1.9	10
34	Ion-temperature-gradient driven modes in dust-contaminated plasma with nonthermal electron distribution and dust charge fluctuations. Astrophysics and Space Science, 2014, 350, 565-572.	1.4	11
35	Small amplitude ion acoustic solitons in a weakly magnetized plasma with anisotropic ion pressure and kappa distributed electrons. Advances in Space Research, 2014, 53, 845-852.	2.6	18
36	Effect of Anisotropic Ion Pressure on Solitary Waves in Magnetized Dusty Plasmas. Contributions To Plasma Physics, 2014, 54, 724-734.	1.1	23

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37	Bernstein instability driven by thermal ring distribution. <i>Physics of Plasmas</i> , 2014, 21, .	1.9	11
38	On the ordinary mode instability for low beta plasmas. <i>Physics of Plasmas</i> , 2014, 21, .	1.9	18
39	Pressure anisotropy effects on nonlinear electrostatic excitations in magnetized electron-positron-ion plasmas. <i>European Physical Journal D</i> , 2014, 68, 1.	1.3	41
40	Kadomtsevâ€“Petviashvili equation for solitary waves in warm dense astrophysical electron-positron-ion plasmas. <i>Astrophysics and Space Science</i> , 2013, 347, 119-127.	1.4	8
41	Nonplanar Electrostatic Solitary Waves in a Relativistic Degenerate Dense Plasma. <i>Communications in Theoretical Physics</i> , 2013, 59, 479-483.	2.5	20
42	Planar and nonplanar ion acoustic shock waves in relativistic degenerate astrophysical electron-positron-ion plasmas. <i>Physics of Plasmas</i> , 2013, 20, 042305.	1.9	39
43	Nonlinear ion acoustic excitations in relativistic degenerate, astrophysical electronâ€“positronâ€“ion plasmas. <i>Journal of Plasma Physics</i> , 2013, 79, 817-823.	2.1	34
44	Linear and nonlinear dynamics of electron temperature gradient mode in non-Maxwellian plasmas. <i>Physics of Plasmas</i> , 2013, 20, .	1.9	3
45	Three dimensional electrostatic solitary waves in a dense magnetoplasma with relativistically degenerate electrons. <i>Physics of Plasmas</i> , 2013, 20, .	1.9	26
46	Tripolar vortex formation in dense quantum plasma with ion-temperature-gradients. <i>Physics of Plasmas</i> , 2012, 19, 052303.	1.9	7
47	Electrostatic solitons in rotating dusty plasmas with anisotropic ion pressure. <i>Astrophysics and Space Science</i> , 2012, 341, 551-558.	1.4	1
48	Dust ion acoustic soliton in pair-ion plasmas with non-isothermal electrons. <i>Physics of Plasmas</i> , 2012, 19, .	1.9	15
49	Magnetohydrodynamic spin waves in degenerate electron-positron-ion plasmas. <i>Physics of Plasmas</i> , 2012, 19, 052101.	1.9	31
50	Vortical structures in a nonuniform pair-ion dust magnetoplasma with sheared flows. <i>Physics of Plasmas</i> , 2010, 17, 014502.	1.9	3
51	Dipolar vortex formation in electromagnetic ion-temperature-gradient driven waves in a dust-contaminated magnetoplasma. <i>Physics of Plasmas</i> , 2010, 17, 062301.	1.9	2
52	Parametric studies of nonlinear magnetosonic waves in two-dimensional quantum magnetoplasmas. <i>Physics of Plasmas</i> , 2009, 16, .	1.9	47
53	Formation of quadrupolar vortices in ion-temperature-gradient modes. <i>Physics of Plasmas</i> , 2003, 10, 2819-2823.	1.9	8
54	Order and chaos in ETC-driven driftâ€“dissipative waves with sheared flows. <i>Journal of Plasma Physics</i> , 1999, 62, 531-540.	2.1	0