

Jharna Tamang

List of Publications by Year in descending order

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papers

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840776

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docs citations

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223
citing authors

#	ARTICLE	IF	CITATIONS
1	Phase plane analysis of the dust-acoustic waves for the Burgers equation in a strongly coupled dusty plasma. Indian Journal of Physics, 2021, 95, 749-757.	1.8	14
2	Supernonlinear wave and multistability in magneto-rotating plasma with (r, q) distributed electrons. Physica Scripta, 2021, 96, 095605.	2.5	29
3	Dynamical Properties of Ion-Acoustic Waves in Space Plasma and Its Application to Image Encryption. IEEE Access, 2021, 9, 18762-18782.	4.2	61
4	Modeling and Multistability of Ion-Acoustic Waves in Titan's Atmosphere. Advances in Intelligent Systems and Computing, 2021, , 113-123.	0.6	0
5	Dynamical properties of dust-ion-acoustic wave solutions in a nonextensive collisional dusty plasma. Journal of Taibah University for Science, 2021, 15, 710-720.	2.5	8
6	Bifurcations of small-amplitude supernonlinear waves of the mKdV and modified Gardner equations in a three-component electron-ion plasma. Physics of Plasmas, 2020, 27, .	1.9	44
7	Bifurcation Analysis for Small-Amplitude Nonlinear and Supernonlinear Ion-Acoustic Waves in a Superthermal Plasma. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2020, 75, 183-191.	1.5	17
8	Stable Oscillation and Chaotic Motion of the Dust-Acoustic Waves for the KdV-Burgers Equation in a Four-Component Dusty Plasma. IEEE Transactions on Plasma Science, 2020, 48, 3982-3990.	1.3	7
9	Electron-acoustic supernonlinear waves and their multistability in the framework of the nonlinear Schrödinger equation. Communications in Theoretical Physics, 2020, 72, 075502.	2.5	27
10	Phase plane analysis of small amplitude electron-acoustic supernonlinear and nonlinear waves in magnetized plasmas. Physica Scripta, 2020, 95, 105604.	2.5	27
11	Superperiodicity, chaos and coexisting orbits of ion-acoustic waves in a four-component nonextensive plasma. Communications in Theoretical Physics, 2020, 72, 115501.	2.5	4
12	Dynamical properties of nonlinear ion-acoustic waves based on the nonlinear Schrödinger equation in a multi-pair nonextensive plasma. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2020, 75, 687-697.	1.5	11
13	Dynamical Behavior of Supernonlinear Positron-Acoustic Periodic Waves and Chaos in Nonextensive Electron-Positron-Ion Plasmas. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2019, 74, 499-511.	1.5	33
14	Effect of q -nonextensive hot electrons on bifurcations of nonlinear and supernonlinear ion-acoustic periodic waves. Advances in Space Research, 2019, 63, 1596-1606.	2.6	54
15	Solitary wave solution and dynamic transition of dust ion acoustic waves in a collisional nonextensive dusty plasma with ionization effect. Physica A: Statistical Mechanics and Its Applications, 2018, 505, 18-34.	2.6	47
16	Qualitative analysis of the positron-acoustic waves in electron-positron-ion plasmas with $\langle i \rangle^p \langle i \rangle$ deformed Kaniadakis distributed electrons and hot positrons. Physics of Plasmas, 2017, 24, .	1.9	28
17	Influence of dust-neutral collisional frequency and nonextensivity on dynamic motion of dust-acoustic waves. Waves in Random and Complex Media, 0, , 1-21.	2.7	12
18	Investigation of supernonlinear and nonlinear ion-acoustic waves in a magnetized electron-ion plasma with generalized $\langle i \rangle \langle i \rangle$, $\langle i \rangle q \langle i \rangle$ distributed electrons. Waves in Random and Complex Media, 0, , 1-22.	2.7	19