

Jharna Tamang

List of Publications by Year in descending order

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papers

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840776

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18
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223
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamical Properties of Ion-Acoustic Waves in Space Plasma and Its Application to Image Encryption. IEEE Access, 2021, 9, 18762-18782.	4.2	61
2	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
3	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
4	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
5	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
6	Supernonlinear wave and multistability in magneto-rotating plasma with (r, q) distributed electrons. Physica Scripta, 2021, 96, 095605.	2.5	29
7	Qualitative analysis of the positron-acoustic waves in electron-positron-ion plasmas with $\langle i \rangle^{\hat{p}} \langle i \rangle$ deformed Kaniadakis distributed electrons and hot positrons. Physics of Plasmas, 2017, 24, .	1.9	28
8	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
9	Phase plane analysis of small amplitude electron-acoustic supernonlinear and nonlinear waves in magnetized plasmas. Physica Scripta, 2020, 95, 105604.	2.5	27
10	Investigation of supernonlinear and nonlinear ion-acoustic waves in a magnetized electron-ion plasma with generalized ($\langle i \rangle^r \langle i \rangle$, $\langle i \rangle^q \langle i \rangle$) distributed electrons. Waves in Random and Complex Media, 0, , 1-22.	2.7	19
11	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
12	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
13	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
14	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
15	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
16	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
17	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
18	Modeling and Multistability of Ion-Acoustic Waves in Titan's Atmosphere. Advances in Intelligent Systems and Computing, 2021, , 113-123.	0.6	0