

Ebraheem Ebraheem Behery

List of Publications by Year in descending order

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192
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Ion acoustic shock waves in a degenerate relativistic plasma with nuclei of heavy elements. European Physical Journal Plus, 2017, 132, 1. | 2.6 | 35 |
| 2 | Stability of three-dimensional dust acoustic waves in a dusty plasma with two opposite polarity dust species including dust size distribution. Physical Review E, 2013, 88, 023108. | 2.1 | 33 |
| 3 | Dust acoustic waves in a dusty plasma containing hybrid Cairns-Tsallis-distributed electrons and variable size dust grains. Chinese Journal of Physics, 2019, 58, 151-158. | 3.9 | 28 |
| 4 | Weakly nonlinear ion-acoustic excitations in a relativistic model for dense quantum plasma. Physical Review E, 2016, 93, 023206. | 2.1 | 26 |
| 5 | Stability of three-dimensional obliquely propagating dust acoustic waves in dusty plasma including the polarization force effect. European Physical Journal Plus, 2015, 130, 1. | 2.6 | 25 |
| 6 | The effect of dust size distribution on quantum dust acoustic wave. Physics of Plasmas, 2009, 16, 093701. | 1.9 | 23 |
| 7 | Head-on collision of dust acoustic solitons in a nonextensive plasma with variable size dust grains of arbitrary charge. Physical Review E, 2016, 94, 053205. | 2.1 | 21 |
| 8 | Oblique collision of ion acoustic solitons in a relativistic degenerate plasma. Scientific Reports, 2020, 10, 16152. | 3.3 | 20 |
| 9 | Two solitons oblique collision in anisotropic non-extensive dusty plasma. Physics of Plasmas, 2017, 24, . | 1.9 | 18 |
| 10 | Linear and nonlinear quantum dust ion acoustic wave with dust size distribution effect. Physics of Plasmas, 2010, 17, 053705. | 1.9 | 17 |
| 11 | Nonlinear dust acoustic waves in a self-gravitating and opposite-polarity complex plasma medium. European Physical Journal Plus, 2019, 134, 1. | 2.6 | 17 |
| 12 | Propagation and oblique collision of ion-acoustic solitary waves in a magnetized dusty electronegative plasma. Physics of Plasmas, 2013, 20, . | 1.9 | 16 |
| 13 | Collision of dust ion acoustic multisolitons in a non-extensive plasma using Hirota bilinear method. Physics of Plasmas, 2018, 25, . | 1.9 | 16 |
| 14 | Nonplanar dynamics of variable size dust grains in nonextensive dusty plasma. Physics of Plasmas, 2015, 22, . | 1.9 | 15 |
| 15 | Effect of anisotropic dust pressure and superthermal electrons on propagation and stability of dust acoustic solitary waves. Physics of Plasmas, 2015, 22, 062112. | 1.9 | 15 |
| 16 | Gravitoelectrostatic excitations in an opposite polarity complex plasma. Physics of Plasmas, 2019, 26, 063701. | 1.9 | 15 |
| 17 | The effects of variable dust size and charge on dust acoustic waves propagating in a hybrid Cairns-Tsallis complex plasma. Indian Journal of Physics, 2018, 92, 661-668. | 1.8 | 14 |
| 18 | Shock waves in magnetized electronegative plasma with nonextensive electrons. European Physical Journal D, 2020, 74, 1. | 1.3 | 12 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Transverse instability of ion acoustic solitons in a magnetized plasma including -nonextensive electrons and positrons. Journal of Plasma Physics, 2015, 81, . | 2.1 | 9 |
| 20 | Investigation of dust ion acoustic shock waves in dusty plasma using Cellular Neural Network. Physica Scripta, 2021, 96, 095606. | 2.5 | 6 |
| 21 | Dynamics of electrostatic waves in relativistic electron-positron-ion degenerate plasma. European Physical Journal Plus, 2021, 136, 1. | 2.6 | 0 |