

Hui Chen

List of Publications by Year in descending order

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papers

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1307594

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1372567

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docs citations

22
times ranked

61
citing authors

#	ARTICLE	IF	CITATIONS
1	Jeans Gravitational Instability with κ -Deformed Kaniadakis Distribution. Chinese Physics Letters, 2017, 34, 075101.	3.3	16
2	The longitudinal plasmas modes of κ -deformed Kaniadakis distributed plasmas. Physics of Plasmas, 2017, 24, .	1.9	14
3	Strong Langmuir turbulence in κ distributed plasmas. Physics of Plasmas, 2012, 19, .	1.9	12
4	Jeans gravitational instability with κ -deformed Kaniadakis distribution in Eddington-inspired Born-Infeld gravity*. Chinese Physics B, 2020, 29, 110401.	1.4	11
5	Modified Jeans instability in Lorentzian dusty self-gravitating plasmas with Lennard-Jones potential. Physics of Plasmas, 2014, 21, 113703.	1.9	10
6	Dust-acoustic waves in self-gravitating dusty plasmas with Lorentzian electrons and ions. Physica Scripta, 2015, 90, 045602.	2.5	10
7	The effect of dark matter on the Jeans instability with the q -nonextensive velocity distribution. AIP Advances, 2020, 10, .	1.3	8
8	The influence of polarization and charge gradient forces on the dust sheath formation. Physics of Plasmas, 2018, 25, 083712.	1.9	7
9	Langmuir solitons in plasma with κ -distributed electrons in the kinetic regime. Physica Scripta, 2011, 84, 055502.	2.5	6
10	Effect of ion drag on a pulsational mode of gravitational collapse. Communications in Theoretical Physics, 2020, 72, 075504.	2.5	5
11	The dust-acoustic mode in two-temperature electron plasmas with charging effects. Pramana - Journal of Physics, 2016, 86, 885-892.	1.8	4
12	Effect of plasma absorption on dust lattice waves in hexagonal dust crystals. Plasma Science and Technology, 2018, 20, 045001.	1.5	4
13	Dust-ion-acoustic modes at comet 67P/Churyumov-Gerasimenko. Physics of Plasmas, 2019, 26, .	1.9	4
14	Jeans instability of dark-baryonic matter model in the context of Kaniadakis' statistic distribution. Journal of Taibah University for Science, 2022, 16, 337-343.	2.5	4
15	Analytical model for quasi-linear flow response to resonant magnetic perturbation in resistive-inertial and viscous-resistive regimes. Physics of Plasmas, 2020, 27, .	1.9	3
16	Modified dust-acoustic waves in dusty plasma with Lennard-Jones potential. Astrophysics and Space Science, 2015, 359, 1.	1.4	1
17	The nonlinear longitudinal lattice waves in a one-dimensional dusty chain with the plasma absorption effect. Japanese Journal of Applied Physics, 2019, 58, 116002.	1.5	1
18	Effect of polarization and charge gradient forces on the dust acoustic solitary waves. Japanese Journal of Applied Physics, 2020, 59, 016001.	1.5	1

#	ARTICLE	IF	CITATIONS
19	Shock wave in one-dimensional dusty plasma crystal with charge gradient. AIP Advances, 2020, 10, .	1.3	1
20	The longitudinal plasma modes in mDM-plasma system. AIP Advances, 2021, 11, 065013.	1.3	1
21	Dust-induced instability with dust charge fluctuations in a rotating dusty plasma. European Physical Journal D, 2020, 74, 1.	1.3	0
22	The feature of the wake-plasma of a space vehicle induced by modulational instability. Physica Scripta, 0, , .	2.5	0