

# Hossein Hakimi Pajouh

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5846064/publications.pdf>

Version: 2024-02-01

27  
papers

248  
citations

1163117

8  
h-index

940533

16  
g-index

27  
all docs

27  
docs citations

27  
times ranked

139  
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of trapped electrons on ion-acoustic solitons in plasmas with superthermal electrons. <i>Physics of Plasmas</i> , 2007, 14, 012307.	1.9	67
2	Influence of superthermal electrons on obliquely propagating ion-acoustic solitons in magnetized plasmas. <i>Plasma Physics and Controlled Fusion</i> , 2011, 53, 025004.	2.1	28
3	Influence of superthermal and trapped electrons on oblique propagation of ion-acoustic waves in magnetized plasma. <i>Physics of Plasmas</i> , 2010, 17, .	1.9	24
4	Dust-ion-acoustic solitons in plasmas with non-Maxwellian electron distribution function. <i>Physics of Plasmas</i> , 2008, 15, .	1.9	20
5	Preventing the recurrence effect in the Vlasov simulation by randomizing phase-point velocities in phase space. <i>Physical Review E</i> , 2011, 84, 036702.	2.1	20
6	Adiabatic evolution of phase space electron "hole" in plasmas with super-thermal electrons. <i>Plasma Physics and Controlled Fusion</i> , 2008, 50, 095007.	2.1	16
7	Interaction of a relativistic soliton with a nonuniform plasma. <i>Physical Review E</i> , 2002, 65, 066406.	2.1	11
8	Modulational instability of electromagnetic electron-cyclotron wave packets in the magnetosphere with non-Maxwellian electron distribution. <i>Physics of Plasmas</i> , 2008, 15, 092902.	1.9	9
9	Nonlinear interaction of a Gaussian intense laser beam with plasma: Relativistic modulational instability. <i>Physics of Plasmas</i> , 2004, 11, 5697-5703.	1.9	8
10	Modeling of ion-acoustic soliton excitation through decay process of a localized perturbation. <i>Physics of Plasmas</i> , 2008, 15, 082105.	1.9	7
11	Jeans instability of a dusty plasma with dust charge variations. <i>Physics of Plasmas</i> , 2015, 22, .	1.9	7
12	Photon gas in a relativistic magnetoplasma. <i>Physics of Plasmas</i> , 2000, 7, 2348-2353.	1.9	6
13	Modulation of electromagnetic electron cyclotron waves in the presence of nonisothermal electrons in plasmas. <i>Physics of Plasmas</i> , 2004, 11, 4346-4352.	1.9	5
14	Kinetic effects of the dust charge fluctuations on the instability of dust ion-acoustic waves. <i>Astrophysics and Space Science</i> , 2015, 357, 1.	1.4	4
15	Influence of superthermal plasma particles on the Jeans instability in self-gravitating dusty plasmas with dust charge variations. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2016, 380, 3810-3816.	2.1	4
16	Spot size effects on the stationary envelope of intense laser pulses in plasma. <i>Physics of Plasmas</i> , 2004, 11, 3341-3348.	1.9	2
17	Influence of trapped electrons on the nonstationary stage of dust-ion-acoustic solitons formation from a localized perturbation. <i>Plasma Physics and Controlled Fusion</i> , 2009, 51, 015012.	2.1	2
18	Dust charge fluctuation effects on dust ion-acoustic waves in dusty electron-positron-ion plasmas. <i>Physica Scripta</i> , 2015, 90, 025604.	2.5	2

#	ARTICLE	IF	CITATIONS
19	Memory effects in the velocity relaxation process of the dust particle in dusty plasma. <i>Physics of Plasmas</i> , 2017, 24, 053702.	1.9	2
20	A proposal for dust-ion-acoustic soliton excitation in a discharge plasma. <i>Physics of Plasmas</i> , 2009, 16, 033704.	1.9	1
21	Dust charge fluctuation effects on Langmuir waves with kappa distributed electrons. <i>Astrophysics and Space Science</i> , 2016, 361, 1.	1.4	1
22	Anomalous diffusion due to the non-Markovian process of the dust particle velocity in complex plasmas. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2017, 381, 3952-3959.	2.1	1
23	Dispersion relation properties of quantum electron-hole semiconductor plasmas in the presence of an external magnetic field. <i>Physica Scripta</i> , 2019, 94, 075602.	2.5	1
24	Propagation of an intense short laser pulse in nonuniform plasma. <i>Laser and Particle Beams</i> , 2001, 19, 151-155.	1.0	0
25	Beyond the Paraxial Approximation in Laser Plasma Interaction. <i>Physica Scripta</i> , 2005, , 110.	2.5	0
26	Nonlinear model for bipolar electric field structures in the magnetosphere with non-Maxwellian electron distribution. <i>Physics of Plasmas</i> , 2009, 16, 032903.	1.9	0
27	Impact of an External Magnetic Field on Solitary Waves in Quantum Electron-Hole Plasmas of Semiconductors. <i>Semiconductors</i> , 2021, 55, 301-307.	0.5	0