

# Hossein Hakimi Pajouh

## List of Publications by Year in descending order

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citations

1163117

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docs citations

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times ranked

139  
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of an External Magnetic Field on Solitary Waves in Quantum Electronâ€‘Hole Plasmas of Semiconductors. Semiconductors, 2021, 55, 301-307.	0.5	0
2	Dispersion relation properties of quantum electronâ€‘hole semiconductor plasmas in the presence of an external magnetic field. Physica Scripta, 2019, 94, 075602.	2.5	1
3	Memory effects in the velocity relaxation process of the dust particle in dusty plasma. Physics of Plasmas, 2017, 24, 053702.	1.9	2
4	Anomalous diffusion due to the non-Markovian process of the dust particle velocity in complex plasmas. Physics Letters, Section A: General, Atomic and Solid State Physics, 2017, 381, 3952-3959.	2.1	1
5	Influence of superthermal plasma particles on the Jeans instability in self-gravitating dusty plasmas with dust charge variations. Physics Letters, Section A: General, Atomic and Solid State Physics, 2016, 380, 3810-3816.	2.1	4
6	Dust charge fluctuation effects on Langmuir waves with kappa distributed electrons. Astrophysics and Space Science, 2016, 361, 1.	1.4	1
7	Jeans instability of a dusty plasma with dust charge variations. Physics of Plasmas, 2015, 22, .	1.9	7
8	Kinetic effects of the dust charge fluctuations on the instability of dust ion-acoustic waves. Astrophysics and Space Science, 2015, 357, 1.	1.4	4
9	Dust charge fluctuation effects on dust ion-acoustic waves in dusty electron-positron-ion plasmas. Physica Scripta, 2015, 90, 025604.	2.5	2
10	Preventing the recurrence effect in the Vlasov simulation by randomizing phase-point velocities in phase space. Physical Review E, 2011, 84, 036702.	2.1	20
11	Influence of superthermal electrons on obliquely propagating ion-acoustic solitons in magnetized plasmas. Plasma Physics and Controlled Fusion, 2011, 53, 025004.	2.1	28
12	Influence of superthermal and trapped electrons on oblique propagation of ion-acoustic waves in magnetized plasma. Physics of Plasmas, 2010, 17, .	1.9	24
13	Nonlinear model for bipolar electric field structures in the magnetosphere with non-Maxwellian electron distribution. Physics of Plasmas, 2009, 16, 032903.	1.9	0
14	A proposal for dust-ion-acoustic soliton excitation in a discharge plasma. Physics of Plasmas, 2009, 16, 033704.	1.9	1
15	Influence of trapped electrons on the nonstationary stage of dust-ion-acoustic solitons formation from a localized perturbation. Plasma Physics and Controlled Fusion, 2009, 51, 015012.	2.1	2
16	Modulational instability of electromagnetic electron-cyclotron wave packets in the magnetosphere with non-Maxwellian electron distribution. Physics of Plasmas, 2008, 15, 092902.	1.9	9
17	Dust-ion-acoustic solitons in plasmas with non-Maxwellian electron distribution function. Physics of Plasmas, 2008, 15, .	1.9	20
18	Adiabatic evolution of phase space electronâ€‘hole in plasmas with super-thermal electrons. Plasma Physics and Controlled Fusion, 2008, 50, 095007.	2.1	16

#	ARTICLE	IF	CITATIONS
19	Modeling of ion-acoustic soliton excitation through decay process of a localized perturbation. <i>Physics of Plasmas</i> , 2008, 15, 082105.	1.9	7
20	Influence of trapped electrons on ion-acoustic solitons in plasmas with superthermal electrons. <i>Physics of Plasmas</i> , 2007, 14, 012307.	1.9	67
21	Beyond the Paraxial Approximation in Laser Plasma Interaction. <i>Physica Scripta</i> , 2005, , 110.	2.5	0
22	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
23	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
24	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
25	Interaction of a relativistic soliton with a nonuniform plasma. <i>Physical Review E</i> , 2002, 65, 066406.	2.1	11
26	Propagation of an intense short laser pulse in nonuniform plasma. <i>Laser and Particle Beams</i> , 2001, 19, 151-155.	1.0	0
27	Photon gas in a relativistic magnetoplasma. <i>Physics of Plasmas</i> , 2000, 7, 2348-2353.	1.9	6