

# J Juul Rasmussen

## List of Publications by Citations

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262  
papers

7,872  
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47  
h-index

78  
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280  
ext. papers

8,420  
ext. citations

2.8  
avg, IF

5.58  
L-index

#	Paper	IF	Citations
262	Collapse arrest and soliton stabilization in nonlocal nonlinear media. <i>Physical Review E</i> , <b>2002</b> , 66, 046619	2.4	395
261	Blow-up in Nonlinear Schroedinger Equations-I A General Review. <i>Physica Scripta</i> , <b>1986</b> , 33, 481-497	2.6	389
260	Modulational instability, solitons and beam propagation in spatially nonlocal nonlinear media. <i>Journal of Optics B: Quantum and Semiclassical Optics</i> , <b>2004</b> , 6, S288-S294		312
259	Modulational instability in nonlocal nonlinear Kerr media. <i>Physical Review E</i> , <b>2001</b> , 64, 016612	2.4	292
258	Formation and Coalescence of Electron Solitary Holes. <i>Physical Review Letters</i> , <b>1979</b> , 42, 501-504	7.4	181
257	Generic features of modulational instability in nonlocal Kerr media. <i>Physical Review E</i> , <b>2002</b> , 66, 066615	2.4	170
256	Attraction of nonlocal dark optical solitons. <i>Optics Letters</i> , <b>2004</b> , 29, 286-8	3	169
255	Computations of intermittent transport in scrape-off layer plasmas. <i>Physical Review Letters</i> , <b>2004</b> , 92, 165003	7.4	140
254	Dynamics of a Potential Barrier Formed on the Tail of a Moving Double Layer in a Collisionless Plasma. <i>Physical Review Letters</i> , <b>1982</b> , 48, 145-148	7.4	133
253	Fluctuations and transport in the TCV scrape-off layer. <i>Nuclear Fusion</i> , <b>2007</b> , 47, 667-676	3.3	130
252	Interchange turbulence in the TCV scrape-off layer. <i>Plasma Physics and Controlled Fusion</i> , <b>2006</b> , 48, L1-L10		127
251	Overview of the JET results in support to ITER. <i>Nuclear Fusion</i> , <b>2017</b> , 57, 102001	3.3	125
250	Observations of Solitary Structures in a Magnetized, Plasma Loaded Waveguide. <i>Physica Scripta</i> , <b>1979</b> , 20, 328-335	2.6	103
249	Turbulence and intermittent transport at the boundary of magnetized plasmas. <i>Physics of Plasmas</i> , <b>2005</b> , 12, 062309	2.1	91
248	Mechanism and scaling for convection of isolated structures in nonuniformly magnetized plasmas. <i>Physics of Plasmas</i> , <b>2005</b> , 12, 090701	2.1	90
247	Self-guiding light in layered nonlinear media. <i>Optics Letters</i> , <b>2000</b> , 25, 1037-9	3	87
246	Superdiffusion and viscoelastic vortex flows in a two-dimensional complex plasma. <i>Physical Review Letters</i> , <b>2006</b> , 96, 105010	7.4	86

245	Modulational instability of short pulses in long optical fibers. <i>Optics Letters</i> , <b>1986</b> , 11, 171	3	86
244	Blow-up in Nonlinear Schroedinger Equations-II Similarity structure of the blow-up singularity. <i>Physica Scripta</i> , <b>1986</b> , 33, 498-504	2.6	82
243	Coherent structures in two-dimensional plasma turbulence. <i>Physics of Fluids B</i> , <b>1991</b> , 3, 1609-1625		80
242	Dissipative processes in interchange driven scrape-off layer turbulence. <i>Nuclear Fusion</i> , <b>2007</b> , 47, 417-433	3.3	76
241	Ultrastrong Stationary Double Layers in a Nondischarge Magnetoplasma. <i>Physical Review Letters</i> , <b>1981</b> , 46, 1330-1333	7.4	75
240	New edge coherent mode providing continuous transport in long-pulse H-mode plasmas. <i>Physical Review Letters</i> , <b>2014</b> , 112, 185004	7.4	74
239	Fractional generalization of the Ginzburg-Landau equation: an unconventional approach to critical phenomena in complex media. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2005</b> , 337, 75-80	2.3	72
238	Sharper criteria for the wave collapse. <i>Physica D: Nonlinear Phenomena</i> , <b>1995</b> , 87, 273-284	3.3	69
237	. <i>IEEE Transactions on Plasma Science</i> , <b>1991</b> , 19, 457-501	1.3	69
236	Turbulent transport in low- $\beta$ plasmas. <i>Physics of Plasmas</i> , <b>1996</b> , 3, 1530-1544	2.1	68
235	Subcritical localization in the discrete nonlinear Schrodinger equation with arbitrary power nonlinearity. <i>Nonlinearity</i> , <b>1994</b> , 7, 205-218	1.7	67
234	Blob/hole formation and zonal-flow generation in the edge plasma of the JET tokamak. <i>Nuclear Fusion</i> , <b>2009</b> , 49, 092002	3.3	66
233	Collisionality dependent transport in TCV SOL plasmas. <i>Plasma Physics and Controlled Fusion</i> , <b>2007</b> , 49, B47-B57	2	66
232	Double Layer Dynamics in a Collisionless Magnetoplasma. <i>Journal of the Physical Society of Japan</i> , <b>1985</b> , 54, 2516-2529	1.5	62
231	Shear flow generation and energetics in electromagnetic turbulence. <i>Physics of Plasmas</i> , <b>2005</b> , 12, 052515	1.5	61
230	Anatomy of a bathtub vortex. <i>Physical Review Letters</i> , <b>2003</b> , 91, 104502	7.4	59
229	Formation of stable solitons in quadratic nonlinear media. <i>Physical Review A</i> , <b>1995</b> , 52, R28-R31	2.6	59
228	Overview of the JET results with the ITER-like wall. <i>Nuclear Fusion</i> , <b>2013</b> , 53, 104002	3.3	58

227	Nonlinear electron waves in strongly magnetized plasmas. <i>Plasma Physics</i> , <b>1980</b> , 22, 421-438		58
226	Dynamical aspects of electrostatic double layers. <i>Astrophysics and Space Science</i> , <b>1988</b> , 144, 43-71	1.6	58
225	Parallel SOL flow on TCV. <i>Journal of Nuclear Materials</i> , <b>2007</b> , 363-365, 505-510	3.3	56
224	Instability of two-dimensional solitons and vortices in defocusing media. <i>Physical Review E</i> , <b>1995</b> , 51, 4479-4484	2.4	55
223	Self-focusing and solitonlike structures in materials with competing quadratic and cubic nonlinearities. <i>Physical Review E</i> , <b>1997</b> , 55, 3555-3570	2.4	54
222	Turbulent transport in the TCV SOL. <i>Journal of Nuclear Materials</i> , <b>2007</b> , 363-365, 575-580	3.3	54
221	The bathtub vortex in a rotating container. <i>Journal of Fluid Mechanics</i> , <b>2006</b> , 556, 121	3.7	54
220	Dynamical properties of vortical structures on the beta-plane. <i>Journal of Fluid Mechanics</i> , <b>1994</b> , 268, 103-131	3.7	53
219	Amalgamation of interacting light beamlets in Kerr-type media. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>1997</b> , 14, 2550	1.7	51
218	Equipartition and Transport in Two-Dimensional Electrostatic Turbulence. <i>Physical Review Letters</i> , <b>1998</b> , 81, 4148-4151	7.4	51
217	Self-focusing of chirped optical pulses in media with normal dispersion. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>1996</b> , 13, 1879	1.7	50
216	Sparse identification of a predator-prey system from simulation data of a convection model. <i>Physics of Plasmas</i> , <b>2017</b> , 24, 022310	2.1	49
215	The influence of finite Larmor radius effects on the radial interchange motions of plasma filaments. <i>Physics of Plasmas</i> , <b>2011</b> , 18, 112504	2.1	47
214	Turbulence spreading, anomalous transport, and pinch effect. <i>Physics of Plasmas</i> , <b>2005</b> , 12, 122306	2.1	47
213	Overview of the TCV tokamak program: scientific progress and facility upgrades. <i>Nuclear Fusion</i> , <b>2017</b> , 57, 102011	3.3	46
212	Turbulent flux and the diffusion of passive tracers in electrostatic turbulence. <i>Physics of Plasmas</i> , <b>2003</b> , 10, 2696-2703	2.1	46
211	The current-driven, ion-acoustic instability in a collisionless plasma. <i>Plasma Physics</i> , <b>1979</b> , 21, 61-73		46
210	Formation and temporal evolution of the Lamb-dipole. <i>Physics of Fluids</i> , <b>1997</b> , 9, 982-991	4.4	45

209	Fractional diffusion models of non-local perturbative transport: numerical results and application to JET experiments. <i>Nuclear Fusion</i> , <b>2008</b> , 48, 075009	3.3	44
208	Phase space vortices in collisionless plasmas. <i>Nonlinear Processes in Geophysics</i> , <b>2003</b> , 10, 75-86	2.9	43
207	Dispersion of ideal particles in a two-dimensional model of electrostatic turbulence. <i>Physics of Plasmas</i> , <b>1999</b> , 6, 4575-4585	2.1	43
206	Multisplitting and collapse of self-focusing anisotropic beams in normal/anomalous dispersive media. <i>Physics of Plasmas</i> , <b>1996</b> , 3, 824-843	2.1	43
205	Dynamics of solitons and quasisolitons of the cubic third-order nonlinear Schrödinger equation. <i>Physical Review E</i> , <b>2001</b> , 64, 026614	2.4	42
204	Stability of solitary structures in the nonlinear Schrödinger equation. <i>Physica Scripta</i> , <b>1989</b> , 40, 192-201	2.6	41
203	Similarity structure of wave-collapse. <i>Physica D: Nonlinear Phenomena</i> , <b>1985</b> , 16, 339-357	3.3	41
202	On the relationship between ELM filaments and solar flares. <i>Plasma Physics and Controlled Fusion</i> , <b>2007</b> , 49, R43-R86	2	40
201	A method for measuring fast time evolutions of the plasma potential by means of a simple emissive probe. <i>Journal of Physics E: Scientific Instruments</i> , <b>1981</b> , 14, 1291-1295		38
200	Statistical properties of transport in plasma turbulence. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2004</b> , 321, 355-365	2.3	37
199	Dynamics in discrete two-dimensional nonlinear Schrödinger equations in the presence of point defects. <i>Physical Review B</i> , <b>1996</b> , 54, 900-912	3.3	37
198	Blob dynamics in the TORPEX experiment: a multi-code validation. <i>Plasma Physics and Controlled Fusion</i> , <b>2016</b> , 58, 044005	2	37
197	Physics research on the TCV tokamak facility: from conventional to alternative scenarios and beyond. <i>Nuclear Fusion</i> , <b>2019</b> , 59, 112023	3.3	36
196	Simulation of transition dynamics to high confinement in fusion plasmas. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2015</b> , 379, 3097-3101	2.3	35
195	Turbulence simulations of blob formation and radial propagation in toroidally magnetized plasmas. <i>Physica Scripta</i> , <b>2006</b> , T122, 89-103	2.6	35
194	Unstable electrostatic ion cyclotron waves excited by an ion beam. <i>Physics of Fluids</i> , <b>1976</b> , 19, 453		35
193	Overview of the JET results. <i>Nuclear Fusion</i> , <b>2015</b> , 55, 104001	3.3	34
192	Intermittent convective transport carried by propagating electromagnetic filamentary structures in nonuniformly magnetized plasma. <i>Physics of Plasmas</i> , <b>2010</b> , 17, 022501	2.1	34

191	Nonlinear Interaction of Convective Cells in Plasmas. <i>Physical Review Letters</i> , <b>1984</b> , 52, 2148-2151	7.4	34
190	Finite Larmor radius effects to arbitrary order. <i>Physica Scripta</i> , <b>1988</b> , 38, 829-834	2.6	33
189	Numerical modeling of the transition from low to high confinement in magnetically confined plasma. <i>Plasma Physics and Controlled Fusion</i> , <b>2016</b> , 58, 014031	2	32
188	Two-dimensional convection and interchange motions in fluids and magnetized plasmas. <i>Physica Scripta</i> , <b>2006</b> , T122, 104-124	2.6	32
187	Modification of plasma solitons by resonant particles. <i>Physics of Fluids</i> , <b>1980</b> , 23, 1782		32
186	Numerical simulations of blobs with ion dynamics. <i>Plasma Physics and Controlled Fusion</i> , <b>2017</b> , 59, 025012		29
185	Direct observation of current in type-I edge-localized-mode filaments on the ASDEX Upgrade tokamak. <i>Physical Review Letters</i> , <b>2011</b> , 106, 125002	7.4	29
184	Dynamics of a nonlinear dipole vortex. <i>Physics of Fluids</i> , <b>1995</b> , 7, 2220-2229	4.4	29
183	Shear-flow instability in a rotating fluid. <i>Journal of Fluid Mechanics</i> , <b>1999</b> , 387, 177-204	3.7	28
182	Turbulence and transport measurements with cold and emissive probes in ISTTOK. <i>Plasma Physics and Controlled Fusion</i> , <b>2008</b> , 50, 055004	2	27
181	Dynamics of LRI transition and I-phase in EAST. <i>Nuclear Fusion</i> , <b>2014</b> , 54, 103002	3.3	26
180	Experimental investigation of flute-type electrostatic turbulence. <i>Plasma Physics and Controlled Fusion</i> , <b>1988</b> , 30, 1297-1318	2	26
179	Stationary Double Layers in a Collisionless Magnetoplasma. <i>Journal of the Physical Society of Japan</i> , <b>1983</b> , 52, 875-884	1.5	26
178	Collisional transport across the magnetic field in drift-fluid models. <i>Physics of Plasmas</i> , <b>2016</b> , 23, 032306	2.1	26
177	Nonlinearity and disorder: classification and stability of nonlinear impurity modes. <i>Physical Review E</i> , <b>2001</b> , 63, 036601	2.4	25
176	Polaron dynamics in a two-dimensional anharmonic Holstein model. <i>Physical Review B</i> , <b>1998</b> , 58, 14305-14319	3.19	25
175	Interaction between electron holes in a strongly magnetized plasma. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>1980</b> , 80, 23-25	2.3	25
174	Modification of SOL profiles and fluctuations with line-average density and divertor flux expansion in TCV. <i>Nuclear Fusion</i> , <b>2017</b> , 57, 116014	3.3	24

173	Anomalous diffusion, clustering, and pinch of impurities in plasma edge turbulence. <i>Physics of Plasmas</i> , <b>2005</b> , 12, 062312	2.1	24
172	Fracton pairing mechanism for unconventional superconductors: Self-assembling organic polymers and copper-oxide compounds. <i>Physical Review B</i> , <b>2002</b> , 66,	3.3	24
171	Solitary excitations in discrete two-dimensional nonlinear Schrödinger models with dispersive dipole-dipole interactions. <i>Physical Review B</i> , <b>1998</b> , 57, 11303-11318	3.3	24
170	Effects of sharp vorticity gradients in two-dimensional hydrodynamic turbulence. <i>Physics of Fluids</i> , <b>2007</b> , 19, 105110	4.4	23
169	Hyperbolic shock waves of the optical self-focusing with normal group-velocity dispersion. <i>Physical Review Letters</i> , <b>2002</b> , 89, 153902	7.4	23
168	Evolution of externally excited convective cells in plasmas. <i>Plasma Physics and Controlled Fusion</i> , <b>1984</b> , 26, 1021-1034	2	23
167	Finite amplitude electron plasma waves in a cylindrical waveguide. <i>Plasma Physics</i> , <b>1978</b> , 20, 997-1010		23
166	Nonlinear interaction of convective cells in plasmas. <i>Plasma Physics and Controlled Fusion</i> , <b>1985</b> , 27, 837-846		22
165	The influence of blobs on neutral particles in the scrape-off layer. <i>Plasma Physics and Controlled Fusion</i> , <b>2016</b> , 58, 044010	2	22
164	Statistical characterization of turbulence in the boundary plasma of EAST. <i>Plasma Physics and Controlled Fusion</i> , <b>2013</b> , 55, 115007	2	21
163	Geodesic acoustic modes excited by finite beta drift waves. <i>Physics of Plasmas</i> , <b>2008</b> , 15, 112310	2.1	21
162	Splittings, coalescence, bunch and snake patterns in the 3D nonlinear Schrödinger equation with anisotropic dispersion. <i>Physica D: Nonlinear Phenomena</i> , <b>2001</b> , 151, 175-198	3.3	21
161	Defocusing regimes of nonlinear waves in media with negative dispersion. <i>Physical Review E</i> , <b>1996</b> , 53, R1340-R1343	2.4	21
160	Vortex merging and spectral cascade in two-dimensional flows. <i>Physics of Fluids</i> , <b>1996</b> , 8, 2263-2265	4.4	21
159	Nonlinear evolution of the transverse instability of plane-envelope solitons. <i>Physics of Fluids</i> , <b>1983</b> , 26, 1279		21
158	Evolution of externally excited convective cells in plasmas. <i>Physics of Fluids</i> , <b>1983</b> , 26, 1388		20
157	The electrostatic ion-cyclotron instability-a two-dimensional potential relaxation instability. <i>Plasma Physics and Controlled Fusion</i> , <b>1985</b> , 27, 1063-1067	2	20
156	Plasma particle sources due to interactions with neutrals in a turbulent scrape-off layer of a toroidally confined plasma. <i>Physics of Plasmas</i> , <b>2018</b> , 25, 032307	2.1	19

155	Stretched-exponential decay functions from a self-consistent model of dielectric relaxation. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2008</b> , 372, 2148-2154	2.3	19
154	Transport barriers and edge localized modes-like bursts in a plasma model with turbulent equipartition profiles. <i>Physics of Plasmas</i> , <b>2003</b> , 10, 1075-1082	2.1	19
153	Does a sheared flow stabilize inversely stratified fluid?. <i>Physics of Fluids</i> , <b>2002</b> , 14, 1674-1680	4.4	18
152	Phase-Space Models of Solitary Electron Holes. <i>Physica Scripta</i> , <b>1985</b> , 31, 596-605	2.6	18
151	Modification of Plasma Solitons by Resonant Particles. <i>Physical Review Letters</i> , <b>1979</b> , 43, 210-214	7.4	18
150	Modulational instability in the nonlocal $\chi$ -model. <i>Physica D: Nonlinear Phenomena</i> , <b>2007</b> , 227, 8-25	3.3	16
149	Shear flow effect on ion temperature gradient vortices in plasmas with sheared magnetic field. <i>Physics of Plasmas</i> , <b>1999</b> , 6, 3047-3056	2.1	16
148	Plasma vortices and their relation to cross-field diffusion: A laboratory study. <i>Physical Review Letters</i> , <b>1990</b> , 64, 3023-3026	7.4	16
147	Cold pulse and rotation reversals with turbulence spreading and residual stress. <i>Physics of Plasmas</i> , <b>2016</b> , 23, 052512	2.1	16
146	A mixed SOC-turbulence model for nonlocal transport and Lévy-fractional Fokker-Planck equation. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2014</b> , 378, 1492-1500	2.3	15
145	Collapsing dynamics of attractive Bose-Einstein condensates. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2002</b> , 304, 136-142	2.3	15
144	Critical conducting networks in disordered solids: ac universality from topological arguments. <i>Physical Review B</i> , <b>2001</b> , 64,	3.3	15
143	Vortices associated with toroidal ion-temperature-gradient-driven fluctuations. <i>Physics of Fluids B</i> , <b>1992</b> , 4, 3336-3343		15
142	Nonlinear evolution of the modulational instability of whistler waves. <i>Physical Review Letters</i> , <b>1990</b> , 64, 890-893	7.4	15
141	Scrape-off layer transport and filament characteristics in high-density tokamak regimes. <i>Nuclear Fusion</i> , <b>2020</b> , 60, 016001	3.3	15
140	Bifurcation analysis and dimension reduction of a predator-prey model for the L-H transition. <i>Physics of Plasmas</i> , <b>2013</b> , 20, 102302	2.1	14
139	Tripolar shear-Alfvén vortex structures. <i>Journal of Plasma Physics</i> , <b>1998</b> , 60, 383-391	2.7	14
138	Fusion, collapse, and stationary bound states of incoherently coupled waves in bulk cubic media. <i>Physical Review E</i> , <b>1999</b> , 59, 4600-4613	2.4	14



137	Discrete localized states and localization dynamics in discrete nonlinear Schrödinger equations. <i>Physica Scripta</i> , <b>1996</b> , T67, 160-166	2.6	14
136	Three dimensional double layers in magnetized plasmas. <i>Geophysical Research Letters</i> , <b>1982</b> , 9, 1049-1052	2.9	14
135	Study of the L-H transition with a new dual gas puff imaging system in the EAST superconducting tokamak. <i>Nuclear Fusion</i> , <b>2014</b> , 54, 013007	3.3	13
134	Overview of progress in European medium sized tokamaks towards an integrated plasma-edge/wall solution. <i>Nuclear Fusion</i> , <b>2017</b> , 57, 102014	3.3	13
133	Current filaments in turbulent magnetized plasmas. <i>Plasma Physics and Controlled Fusion</i> , <b>2009</b> , 51, 124053	3.3	13
132	Two-beam interaction in saturable media. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>1998</b> , 246, 423-428	2.3	13
131	Generation of zonal flows in rotating fluids and magnetized plasmas. <i>Physica Scripta</i> , <b>2006</b> , T122, 44-51	2.6	13
130	Stationary density variation produced by a standing plasma wave. <i>Physics of Fluids</i> , <b>1977</b> , 20, 1094		13
129	A Dip Structure in the Intrinsic Toroidal Rotation Near the Edge of the Ohmic Plasmas in EAST. <i>Plasma Science and Technology</i> , <b>2011</b> , 13, 397-404	1.5	12
128	Stretched exponential relaxation and ac universality in disordered dielectrics. <i>Physical Review B</i> , <b>2007</b> , 76,	3.3	12
127	Pulse splitting of self-focusing beams in normally dispersive media. <i>Physical Review A</i> , <b>1996</b> , 53, 4476-4480	3.6	12
126	Generation of tripolar vortical structures on the beta plane. <i>Physics of Fluids A, Fluid Dynamics</i> , <b>1993</b> , 5, 1674-1678		12
125	On localization in the discrete nonlinear Schrödinger equation. <i>Physica D: Nonlinear Phenomena</i> , <b>1993</b> , 68, 169-173	3.3	12
124	A numerical plasma simulation including finite Larmor radius effects to arbitrary order. <i>Plasma Physics and Controlled Fusion</i> , <b>1989</b> , 31, 173-183	2	12
123	Studies of the Eulerian-Lagrangian transformation in two-dimensional random flows. <i>Journal of Fluid Mechanics</i> , <b>1991</b> , 224, 485-505	3.7	12
122	Modified convective cells in plasmas. <i>Journal of Plasma Physics</i> , <b>1987</b> , 37, 81-95	2.7	12
121	Temperature dynamics and velocity scaling laws for interchange driven, warm ion plasma filaments. <i>Plasma Physics and Controlled Fusion</i> , <b>2016</b> , 58, 044011	2	12
120	Scrape-off layer power fall-off length from turbulence simulations of ASDEX Upgrade L-mode. <i>Plasma Physics and Controlled Fusion</i> , <b>2018</b> , 60, 085018	2	12

119	One-dimensional modelling of limit-cycle oscillation and H-mode power scaling. <i>Nuclear Fusion</i> , <b>2015</b> , 55, 053029	3.3	11
118	Low-to-High Confinement Transition Mediated by Turbulence Radial Wave Number Spectral Shift in a Fusion Plasma. <i>Physical Review Letters</i> , <b>2016</b> , 116, 095002	7.4	11
117	Nonlocal analysis of the excitation of the geodesic acoustic mode by drift waves. <i>Physics of Plasmas</i> , <b>2009</b> , 16, 052514	2.1	11
116	Dynamics of localized solutions to the Raman-extended derivative nonlinear Schrödinger equation. <i>Journal of Physics A</i> , <b>1996</b> , 29, 3581-3595		11
115	Numerical studies of localized wavefields governed by the Raman-extended derivative nonlinear Schrödinger equation. <i>Journal of Physics A</i> , <b>1997</b> , 30, 8207-8224		11
114	Reynolds stress and shear flow generation. <i>Plasma Physics and Controlled Fusion</i> , <b>2001</b> , 43, 1377-1395	2	11
113	Stationary Solution of Coupled Electron Hole and Ion Soliton in a Collisionless Plasma. <i>Journal of the Physical Society of Japan</i> , <b>1991</b> , 60, 735-738	1.5	11
112	Limit cycle behavior of the bump-on-tail instability. <i>Physics of Fluids</i> , <b>1981</b> , 24, 268		11
111	Influence of molecular dissociation on blob-induced atom density perturbations. <i>Nuclear Fusion</i> , <b>2018</b> , 58, 096005	3.3	11
110	Sharp vorticity gradients in two-dimensional turbulence and the energy spectrum. <i>Theoretical and Computational Fluid Dynamics</i> , <b>2010</b> , 24, 253-258	2.3	10
109	Wave collapse in bulk media with quadratic and cubic responses. <i>Optics Communications</i> , <b>1998</b> , 146, 231-235		10
108	Classification of Kink Type Solutions to the Extended Derivative Nonlinear Schrödinger Equation. <i>Physica Scripta</i> , <b>1998</b> , 57, 427-435	2.6	10
107	Lyapunov exponents and particle dispersion in drift wave turbulence. <i>Physics of Plasmas</i> , <b>1996</b> , 3, 2939-2950		10
106	Highly supersonic ion pulses in a collisionless magnetized plasma. <i>Physics of Fluids</i> , <b>1982</b> , 25, 48		10
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