

Yan Levin

List of Publications by Year in descending order

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172
papers

6,684
citations

76294

40
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71651

76
g-index

174
all docs

174
docs citations

174
times ranked

3603
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrostatic correlations: from plasma to biology. Reports on Progress in Physics, 2002, 65, 1577-1632.	8.1	906
2	Criticality in ionic fluids: Debye-Hückel theory, Bjerrum, and beyond. Physical Review Letters, 1993, 71, 3826-3829.	2.9	312
3	Ions at the Air-Water Interface: An End to a Hundred-Year-Old Mystery?. Physical Review Letters, 2009, 103, 257802.	2.9	277
4	Criticality in the hard-sphere ionic fluid. Physica A: Statistical Mechanics and Its Applications, 1996, 225, 164-220.	1.2	246
5	Nonequilibrium statistical mechanics of systems with long-range interactions. Physics Reports, 2014, 535, 1-60.	10.3	205
6	Polarizable Ions at Interfaces. Physical Review Letters, 2009, 102, 147803.	2.9	192
7	Surface Tensions, Surface Potentials, and the Hofmeister Series of Electrolyte Solutions. Langmuir, 2010, 26, 10778-10783.	1.6	187
8	Simulation and Theory of Ions at Atmospherically Relevant Aqueous Liquid-Air Interfaces. Annual Review of Physical Chemistry, 2013, 64, 339-359.	4.8	151
9	Surface tension of strong electrolytes. Europhysics Letters, 2001, 56, 187-192.	0.7	117
10	Ion Specificity and the Theory of Stability of Colloidal Suspensions. Physical Review Letters, 2011, 106, 167801.	2.9	113
11	Collisionless Relaxation in Non-Neutral Plasmas. Physical Review Letters, 2008, 100, 040604.	2.9	96
12	Collisionless relaxation in gravitational systems: From violent relaxation to gravothermal collapse. Physical Review E, 2008, 78, 021130.	0.8	86
13	Ions at the Water-oil Interface: Interfacial Tension of Electrolyte Solutions. Langmuir, 2012, 28, 1304-1308.	1.6	86
14	What Happened to the Gas-Liquid Transition in the System of Dipolar Hard Spheres?. Physical Review Letters, 1999, 83, 1159-1162.	2.9	80
15	Liquid-state theory of charged colloids. Europhysics Letters, 1998, 41, 123-128.	0.7	78
16	Core-Halo Distribution in the Hamiltonian Mean-Field Model. Physical Review Letters, 2011, 106, 200603.	2.9	77
17	Coulombic Criticality in General Dimensions. Physical Review Letters, 1994, 73, 2716-2719.	2.9	76
18	When do like charges attract?. Physica A: Statistical Mechanics and Its Applications, 1999, 265, 432-439.	1.2	70

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19	The Nature of Attraction between Like-Charged Rods. <i>Physical Review Letters</i> , 1999, 83, 2680-2680.	2.9	69
20	Monte Carlo simulations of two-dimensional hard core lattice gases. <i>Journal of Chemical Physics</i> , 2007, 126, 114508.	1.2	69
21	Charge renormalization and phase separation in colloidal suspensions. <i>Europhysics Letters</i> , 2001, 53, 86-92.	0.7	67
22	Electrochemical Surface Potential Due to Classical Point Charge Models Drives Anion Adsorption to the Air-Water Interface. <i>Journal of Physical Chemistry Letters</i> , 2012, 3, 1565-1570.	2.1	67
23	Renormalized jellium model for charge-stabilized colloidal suspensions. <i>Physical Review E</i> , 2004, 69, 031403.	0.8	62
24	Smoluchowski equation and the colloidal charge reversal. <i>Journal of Chemical Physics</i> , 2006, 125, 054902.	1.2	62
25	Charge reversal of colloidal particles. <i>Europhysics Letters</i> , 2005, 71, 831-837.	0.7	61
26	Complex formation between polyelectrolytes and ionic surfactants. <i>Chemical Physics Letters</i> , 1998, 298, 51-56.	1.2	58
27	Charge inversion in DNA-amphiphile complexes: possible application to gene therapy. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1999, 274, 8-18.	1.2	58
28	Weak and Strong Coupling Theories for Polarizable Colloids and Nanoparticles. <i>Physical Review Letters</i> , 2011, 107, 107801.	2.9	58
29	Surface and interfacial tensions of Hofmeister electrolytes. <i>Faraday Discussions</i> , 2013, 160, 75-87.	1.6	52
30	Equilibrium properties of charged microgels: A Poisson-Boltzmann-Flory approach. <i>Journal of Chemical Physics</i> , 2014, 141, 234902.	1.2	52
31	Counterion correlations and attraction between like-charged macromolecules. <i>Physical Review E</i> , 2001, 64, 011804.	0.8	51
32	Statistical mechanics of unbound two-dimensional self-gravitating systems. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2010, 2010, P05007.	0.9	51
33	Density-functional theory for attraction between like-charged plates. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1999, 274, 433-445.	1.2	49
34	Surface tensions and surface potentials of acid solutions. <i>Journal of Chemical Physics</i> , 2010, 133, 154107.	1.2	48
35	Effects of the dielectric discontinuity on the counterion distribution in a colloidal suspension. <i>Journal of Chemical Physics</i> , 2011, 135, 044124.	1.2	48
36	Colloidal charge renormalization in suspensions containing multivalent electrolyte. <i>Journal of Chemical Physics</i> , 2010, 132, 104105.	1.2	46

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37	Rupture of a liposomal vesicle. <i>Physical Review E</i> , 2004, 69, 061922.	0.8	44
38	Effective charge of colloidal particles. <i>Journal of Chemical Physics</i> , 2004, 121, 12100-12103.	1.2	44
39	Simulations of Coulomb systems with slab geometry using an efficient 3D Ewald summation method. <i>Journal of Chemical Physics</i> , 2016, 144, 144103.	1.2	44
40	Pore dynamics of osmotically stressed vesicles. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2004, 331, 571-578.	1.2	41
41	Linear DNA Low Efficiency Transfection by Liposome Can Be Improved by the Use of Cationic Lipid as Charge Neutralizer. <i>Biotechnology Progress</i> , 2006, 22, 1220-1224.	1.3	41
42	Interfacial tension of electrolyte solutions. <i>Journal of Chemical Physics</i> , 2000, 113, 9722-9726.	1.2	40
43	New Ordered Phases in a Class of Generalized $X < Y <$ Models. <i>Physical Review Letters</i> , 2011, 106, 067202.	2.9	40
44	Charge neutrality breakdown in confined aqueous electrolytes: Theory and simulation. <i>Journal of Chemical Physics</i> , 2016, 145, 094704.	1.2	40
45	Debye-Hückel-Bjerrum theory for charged colloids. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1998, 258, 341-351.	1.2	39
46	The one-component plasma: a conceptual approach. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1999, 268, 24-49.	1.2	39
47	A self-consistent renormalized jellium approach for calculating structural and thermodynamic properties of charge stabilized colloidal suspensions. <i>Journal of Chemical Physics</i> , 2009, 131, 074115.	1.2	39
48	A close look into the excluded volume effects within a double layer. <i>Journal of Chemical Physics</i> , 2012, 137, 164703.	1.2	39
49	Electrolytes between dielectric charged surfaces: Simulations and theory. <i>Journal of Chemical Physics</i> , 2015, 142, 194104.	1.2	39
50	Electromagnetic braking: A simple quantitative model. <i>American Journal of Physics</i> , 2006, 74, 815-817.	0.3	38
51	The renormalized jellium model for spherical and cylindrical colloids. <i>Journal of Chemical Physics</i> , 2007, 126, 014702.	1.2	38
52	Ions at hydrophobic interfaces. <i>Journal of Physics Condensed Matter</i> , 2014, 26, 203101.	0.7	38
53	The interaction of ions in an ionic medium. <i>Journal of Chemical Physics</i> , 1994, 101, 2273-2282.	1.2	37
54	Electrostatic correlations in colloidal suspensions: Density profiles and effective charges beyond the Poisson-Boltzmann theory. <i>Journal of Chemical Physics</i> , 2009, 130, 124110.	1.2	37

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55	Rodlike Polyelectrolytes in the Presence of Monovalent Salt. <i>Macromolecules</i> , 1998, 31, 8347-8355.	2.2	36
56	Thermodynamics of ionic microgels. <i>Physical Review E</i> , 2002, 65, 036143.	0.8	36
57	Nonequilibrium Stationary States of 3D Self-Gravitating Systems. <i>Physical Review Letters</i> , 2014, 113, 100602.	2.9	33
58	Simulations of Polyelectrolyte Adsorption to a Dielectric Like-Charged Surface. <i>Journal of Physical Chemistry B</i> , 2016, 120, 10387-10393.	1.2	33
59	On the fluid-fluid phase separation in charged-stabilized colloidal suspensions. <i>Journal of Physics Condensed Matter</i> , 2003, 15, S3523-S3536.	0.7	32
60	Strange electrostatics in physics, chemistry, and biology. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2005, 352, 43-52.	1.2	32
61	Electrostatics of ions inside the nanopores and trans-membrane channels. <i>Europhysics Letters</i> , 2006, 76, 163-169.	0.7	31
62	Ergodicity Breaking and Parametric Resonances in Systems with Long-Range Interactions. <i>Physical Review Letters</i> , 2012, 108, 140601.	2.9	31
63	Renormalization of a Landau-Ginzburg-Wilson theory of microemulsion. <i>Physical Review A</i> , 1992, 45, 7309-7319.	1.0	30
64	Colloidal charge reversal: Dependence on the ionic size and the electrolyte concentration. <i>Journal of Chemical Physics</i> , 2008, 129, 124506.	1.2	30
65	Why charges go to the surface: A generalized Thomson problem. <i>Europhysics Letters</i> , 2003, 63, 415-418.	0.7	29
66	Simulations of Coulomb systems confined by polarizable surfaces using periodic Green functions. <i>Journal of Chemical Physics</i> , 2017, 147, 184105.	1.2	29
67	Simulations of ionic liquids confined by metal electrodes using periodic Green functions. <i>Journal of Chemical Physics</i> , 2017, 147, 074109.	1.2	28
68	Interaction of Charged Colloidal Particles at the Air-Water Interface. <i>Journal of Physical Chemistry B</i> , 2016, 120, 5817-5822.	1.2	27
69	Interaction between random heterogeneously charged surfaces in an electrolyte solution. <i>Journal of Chemical Physics</i> , 2015, 142, 194707.	1.2	26
70	Cavity Forces and Criticality in Electrolytes. <i>Europhysics Letters</i> , 1994, 26, 683-688.	0.7	25
71	Slow dynamics under gravity: a nonlinear diffusion model. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2003, 325, 371-395.	1.2	25
72	Competing nematic interactions in a generalized X - Y model in two and three dimensions. <i>Physical Review E</i> , 2016, 94, 032140.	0.8	25

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73	Theory of counterion association in rod-like polyelectrolytes. <i>Europhysics Letters</i> , 1996, 34, 405-410.	0.7	24
74	Kosterlitz-Thouless and Potts transitions in a generalized $\langle \mathbf{r} \rangle$ model. <i>Physical Review E</i> , 2014, 89, 012126.	0.8	24
75	Charge Regulation of Colloidal Particles: Theory and Simulations. <i>Physical Review Letters</i> , 2019, 123, 208004.	2.9	24
76	Aging dynamics and density relaxation in kinetic lattice gases under gravity. <i>Europhysics Letters</i> , 2001, 55, 767-773.	0.7	23
77	The double-layer of penetrable ions: An alternative route to charge reversal. <i>Journal of Chemical Physics</i> , 2013, 138, 174901.	1.2	23
78	Like-Charge Attraction between Metal Nanoparticles in a $\langle \mathbf{r} \rangle$ Model. <i>Physical Review Letters</i> , 2019, 122, 248005.	2.9	23
79	Thermodynamic Properties of a Simple Model of Like-Charged Attracting Rods. <i>Journal of Statistical Physics</i> , 2002, 106, 287-299.	0.5	22
80	Conformational Phase Transition of a Polyampholyte in a Low Dielectric Solvent. <i>Europhysics Letters</i> , 1995, 31, 513-518.	0.7	21
81	Thermodynamic Theory of Counterion Association in Rigid Polyelectrolytes. <i>Journal De Physique II</i> , 1997, 7, 37-55.	0.9	21
82	Wave breaking and particle jets in intense inhomogeneous charged beams. <i>Physics of Plasmas</i> , 2007, 14, 110701.	0.7	21
83	Nonequilibrium Phase Transitions in Systems with Long-Range Interactions. <i>Physical Review Letters</i> , 2012, 109, 230601.	2.9	21
84	Thermodynamics of Surface Tension: Application to Electrolyte Solutions. <i>Journal of Statistical Physics</i> , 2003, 110, 825-834.	0.5	20
85	Equation of state of charged colloidal suspensions and its dependence on the thermodynamic route. <i>Journal of Chemical Physics</i> , 2012, 136, 194103.	1.2	20
86	Lattice Model of an Ionic Liquid at an Electrified Interface. <i>Journal of Physical Chemistry B</i> , 2017, 121, 6408-6415.	1.2	20
87	Effects of hydrophobicity in DNA surfactant complexation. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2000, 283, 113-118.	1.2	19
88	Comment on "Thermostatistics of Overdamped Motion of Interacting Particles". <i>Physical Review Letters</i> , 2011, 107, 088901; discussion 088902.	2.9	19
89	Lattice model of ionic liquid confined by metal electrodes. <i>Journal of Chemical Physics</i> , 2018, 148, 193829.	1.2	19
90	Charge regulation of colloidal particles in aqueous solutions. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 24712-24728.	1.3	19

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91	Fluctuation-induced transitions in an isotropic spatially frustrated lattice model. <i>Physical Review A</i> , 1990, 42, 1976-1981.	1.0	18
92	Neutral polyampholyte in an ionic solution. <i>Physical Review E</i> , 1996, 54, 6516-6525.	0.8	18
93	Surface tension of an electrolyte-air interface: a Monte Carlo study. <i>Journal of Physics Condensed Matter</i> , 2012, 24, 284115.	0.7	18
94	Sine-Gordon mean field theory of a Coulomb gas. <i>Physical Review E</i> , 1997, 56, 619-622.	0.8	17
95	The mean-field theory for attraction between like-charged macromolecules. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2000, 283, 1-5.	1.2	17
96	Criticality in polar fluids. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2001, 292, 129-136.	1.2	16
97	Influence of network topology on the swelling of polyelectrolyte nanogels. <i>Journal of Chemical Physics</i> , 2016, 144, 114903.	1.2	16
98	On the absence of intermediate phases in the two-dimensional Coulomb gas. <i>Journal of Statistical Physics</i> , 1995, 79, 1-11.	0.5	15
99	Crystallization of hard spheres under gravity. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2000, 287, 100-104.	1.2	15
100	Equation of state for hard-square lattice gases. <i>Physical Review E</i> , 2007, 75, 052101.	0.8	14
101	Relaxation and emittance growth of a thermal charged-particle beam. <i>Applied Physics Letters</i> , 2009, 95, .	1.5	14
102	Driven one-component plasmas. <i>Physical Review E</i> , 2009, 80, 021109.	0.8	14
103	Sine-Gordon renormalization of the orientational roughening transition. <i>Physical Review A</i> , 1990, 42, 3507-3511.	1.0	13
104	Kosterlitz-Thouless and Manning condensation. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1998, 257, 408-412.	1.2	13
105	Complexation of DNA with cationic surfactant. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1999, 269, 278-284.	1.2	13
106	Symmetry Breaking ind-Dimensional Self-Gravitating Systems. <i>Physical Review Letters</i> , 2013, 111, 230603.	2.9	13
107	Ergodicity breaking and quasistationary states in systems with long-range interactions. <i>Physical Review E</i> , 2014, 89, 022130.	0.8	13
108	Ion Specificity and Micellization of Ionic Surfactants: A Monte Carlo Study. <i>Langmuir</i> , 2014, 30, 4593-4598.	1.6	13

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109	Mean-field beyond mean-field: the single particle view for moderately to strongly coupled charged fluids. <i>Soft Matter</i> , 2016, 12, 8768-8773.	1.2	13
110	Nonequilibrium Statistical Mechanics of Two-Dimensional Vortices. <i>Physical Review Letters</i> , 2018, 121, 020602.	2.9	13
111	Introduction to statistical mechanics of charged systems. <i>Brazilian Journal of Physics</i> , 2004, 34, 1158-1176.	0.7	12
112	Efficient simulation method for nano-patterned charged surfaces in an electrolyte solution. <i>Soft Matter</i> , 2018, 14, 4081-4086.	1.2	12
113	Polyelectrolyte solutions with multivalent salts. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1999, 266, 413-419.	1.2	11
114	Kinetics of charge inversion. <i>Journal of Physics A</i> , 2003, 36, 5857-5863.	1.6	11
115	The renormalized Jellium model of colloidal suspensions with multivalent counterions. <i>Journal of Chemical Physics</i> , 2010, 133, 234105.	1.2	11
116	Viscosity of self-assembled fluids. <i>Journal of Chemical Physics</i> , 1992, 97, 7695-7698.	1.2	10
117	Phase transitions of a neutral polyampholyte. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1996, 231, 467-483.	1.2	10
118	Superconducting pipes and levitating magnets. <i>Physical Review E</i> , 2006, 74, 066605.	0.8	10
119	Non-equilibrium Dynamics of an Infinite Range XY Model in an External Field. <i>Journal of Statistical Physics</i> , 2013, 150, 531-539.	0.5	10
120	Ensemble inequivalence in a mean-field $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle X \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle Y \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle$ with ferromagnetic and nematic couplings. <i>Physical Review E</i> , 2014, 90, 062141.	0.8	10
121	Interaction between Charge-Regulated Metal Nanoparticles in an Electrolyte Solution. <i>Journal of Physical Chemistry B</i> , 2020, 124, 11762-11770.	1.2	10
122	Criticality in strongly correlated fluids. <i>Journal of Physics Condensed Matter</i> , 2002, 14, 2303-2308.	0.7	9
123	Charge reversal at 0 K. <i>Journal of Physics Condensed Matter</i> , 2004, 16, S2149-S2152.	0.7	9
124	Comment on "Competing Interactions, the Renormalization Group, and the Isotropic-Nematic Phase Transition". <i>Physical Review Letters</i> , 2007, 99, 228903; author reply 228904.	2.9	9
125	Reactive Monte Carlo simulations for charge regulation of colloidal particles. <i>Journal of Chemical Physics</i> , 2022, 156, 014108.	1.2	9
126	Reversal of Electroosmotic Flow in Charged Nanopores with Multivalent Electrolyte. <i>Langmuir</i> , 2022, 38, 3817-3823.	1.6	9

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127	Electromagnetic instability of the Thomson problem. <i>Europhysics Letters</i> , 2005, 71, 84-90.	0.7	8
128	Image effects on the transport of intense nonaxisymmetric charged beams. <i>Applied Physics Letters</i> , 2007, 91, 251503.	1.5	8
129	Topology of Collisionless Relaxation. <i>Physical Review Letters</i> , 2013, 110, 140601.	2.9	8
130	Simulations of electroosmotic flow in charged nanopores using Dissipative Particle Dynamics with Ewald summation. <i>Journal of Molecular Liquids</i> , 2021, 336, 116263.	2.3	8
131	Relaxation phenomena in self-assembled systems. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1993, 196, 173-187.	1.2	7
132	A nonlinear diffusion model for granular segregation. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2003, 327, 94-98.	1.2	7
133	Solute diffusion out of a vesicle. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2004, 344, 543-546.	1.2	7
134	Two rubber balloons: Phase diagram of air transfer. <i>Physical Review E</i> , 2004, 69, 051108.	0.8	7
135	Entropy production in systems with long range interactions. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2017, 2017, 044001.	0.9	7
136	Two-component Gaussian core model: Strong-coupling limit, Bjerrum pairs, and gas-liquid phase transition. <i>Journal of Chemical Physics</i> , 2018, 148, 024904.	1.2	7
137	Soft-particle lattice gas in one dimension: One- and two-component cases. <i>Physical Review E</i> , 2018, 98, .	0.8	7
138	Electroosmotic Flow in Polarizable Charged Cylindrical Nanopores. <i>Journal of Physical Chemistry B</i> , 2021, 125, 11091-11098.	1.2	7
139	Widom insertion method in simulations with Ewald summation. <i>Journal of Chemical Physics</i> , 2022, 156, 134110.	1.2	7
140	Random walk to freedom: The time of effusion. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2005, 354, 95-100.	1.2	6
141	Where do ions solvate?. <i>Pramana - Journal of Physics</i> , 2005, 64, 957-961.	0.9	6
142	Statistics versus dynamics: two methods for calculating the effective charge of colloidal particles. <i>Journal of Physics Condensed Matter</i> , 2005, 17, S3309-S3316.	0.7	6
143	Yukawa particles in a confining potential. <i>Journal of Chemical Physics</i> , 2014, 141, 014106.	1.2	6
144	Adsorption isotherms of charged nanoparticles. <i>Soft Matter</i> , 2016, 12, 8528-8533.	1.2	6

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145	Effective charges and zeta potentials of oil in water microemulsions in the presence of Hofmeister salts. <i>Journal of Chemical Physics</i> , 2018, 148, 222817.	1.2	6
146	Entropy production and Vlasov equation for self-gravitating systems. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2018, 51, 494002.	0.7	6
147	Isothermal adsorption of polyampholytes on charged nanopatterned surfaces. <i>Journal of Chemical Physics</i> , 2019, 151, 084101.	1.2	6
148	Melting of a colloidal crystal. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1997, 247, 235-246.	1.2	5
149	“Phantom ion effect” and the contact potential of the water-vapor interface. <i>Journal of Chemical Physics</i> , 2008, 129, 124712.	1.2	5
150	Stability and self-organization of planetary systems. <i>Physical Review E</i> , 2018, 97, 042221.	0.8	5
151	Osmotic stress and pore nucleation in charged biological nanoshells and capsids. <i>Soft Matter</i> , 2020, 16, 2390-2405.	1.2	5
152	Criticality in confined ionic fluids. <i>Physical Review E</i> , 2001, 63, 066104.	0.8	4
153	Emittance growth and halo formation in the relaxation of mismatched beams. <i>Physical Review Special Topics: Accelerators and Beams</i> , 2010, 13, .	1.8	4
154	Adsorption of cationic polyions onto a hydrophobic surface in the presence of Hofmeister salts. <i>Soft Matter</i> , 2013, 9, 10545.	1.2	4
155	Halo formation and emittance growth in the transport of spherically symmetric mismatched bunched beams. <i>Physics of Plasmas</i> , 2015, 22, .	0.7	4
156	Generalized Laplacian roughening model on a triangular lattice. <i>Physical Review B</i> , 1991, 43, 10876-10881.	1.1	3
157	Vortex distribution in a confining potential. <i>Physical Review E</i> , 2013, 88, 032118.	0.8	3
158	Chaos and relaxation to equilibrium in systems with long-range interactions. <i>Physical Review E</i> , 2015, 92, 052123.	0.8	3
159	Simulations of electrolyte between charged metal surfaces. <i>Journal of Chemical Physics</i> , 2020, 153, 044121.	1.2	3
160	Amphiphile Adsorption on Rigid Polyelectrolytes. <i>Macromolecules</i> , 2007, 40, 7372-7377.	2.2	2
161	Thermodynamic collapse in a lattice-gas model for a two-component system of penetrable particles. <i>Physical Review E</i> , 2020, 102, 032101.	0.8	2
162	Lattice-gas model of a charge regulated planar surface. <i>Journal of Chemical Physics</i> , 2021, 154, 074706.	1.2	2

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163	Linear and non-linear instabilities of Kirchhoff's elliptical vortices. Journal of Statistical Mechanics: Theory and Experiment, 2020, 2020, 083205.	0.9	2
164	Micellization in the presence of polyelectrolyte. Physica A: Statistical Mechanics and Its Applications, 2001, 300, 82-90.	1.2	1
165	Stability of planetary systems: A numerical didactic approach. American Journal of Physics, 2019, 87, 69-74.	0.3	1
166	Potential of mean force and the charge reversal of rodlike polyions. Molecular Physics, 2005, 103, 2951-2956.	0.8	0
167	Wave breaking and particle jets in inhomogeneous beams. , 2007, , .		0
168	Ionic fluids. Journal of Physics Condensed Matter, 2009, 21, 420301.	0.7	0
169	Reply to "Comment on "Vortex distribution in a confining potential" Physical Review E, 2014, 90, 026102.	0.8	0
170	Nonlinear stability in the transport of intense bunched beams. Physics of Plasmas, 2016, 23, 113102.	0.7	0
171	Dynamics, thermodynamics, and phase transitions of classical spins interacting through the magnetic field. Physical Review E, 2018, 97, 052140.	0.8	0
172	Shear zone instability of a 2d periodic Euler flow. Physica A: Statistical Mechanics and Its Applications, 2021, 561, 125297.	1.2	0