

Umberto Marini Bettolo Marconi

List of Publications by Year in descending order

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165
papers

7,374
citations

66234

42
h-index

58464

82
g-index

168
all docs

168
docs citations

168
times ranked

3461
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamics of active particles with space-dependent swim velocity. <i>Soft Matter</i> , 2022, 18, 1412-1422.	1.2	24
2	Spatial velocity correlations in inertial systems of active Brownian particles. <i>Soft Matter</i> , 2021, 17, 4109-4121.	1.2	38
3	Collective effects in confined active Brownian particles. <i>Journal of Chemical Physics</i> , 2021, 154, 244901.	1.2	14
4	Hydrodynamics of simple active liquids: the emergence of velocity correlations. <i>New Journal of Physics</i> , 2021, 23, 103024.	1.2	13
5	Inertial self-propelled particles. <i>Journal of Chemical Physics</i> , 2021, 154, 024902.	1.2	58
6	Correlated escape of active particles across a potential barrier. <i>Journal of Chemical Physics</i> , 2021, 155, 234902.	1.2	15
7	Fiber—Sample Distance, An Important Parameter To Be Considered in Headspace Solid-Phase Microextraction Applications. <i>Analytical Chemistry</i> , 2020, 92, 7478-7484.	3.2	17
8	Active matter at high density: Velocity distribution and kinetic temperature. <i>Journal of Chemical Physics</i> , 2020, 153, 184901.	1.2	23
9	Hidden velocity ordering in dense suspensions of self-propelled disks. <i>Physical Review Research</i> , 2020, 2, .	1.3	59
10	Time-dependent properties of interacting active matter: Dynamical behavior of one-dimensional systems of self-propelled particles. <i>Physical Review Research</i> , 2020, 2, .	1.3	23
11	The entropy production of Ornstein–Uhlenbeck active particles: a path integral method for correlations. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2019, 2019, 053203.	0.9	67
12	Active escape dynamics: The effect of persistence on barrier crossing. <i>Journal of Chemical Physics</i> , 2019, 150, 024902.	1.2	50
13	Transport of active particles in an open-wedge channel. <i>Journal of Chemical Physics</i> , 2019, 150, 144903.	1.2	20
14	Activity induced delocalization and freezing in self-propelled systems. <i>Scientific Reports</i> , 2019, 9, 1386.	1.6	39
15	Active chiral particles under confinement: surface currents and bulk accumulation phenomena. <i>Soft Matter</i> , 2019, 15, 2627-2637.	1.2	53
16	A comparative study between two models of active cluster crystals. <i>Scientific Reports</i> , 2019, 9, 16687.	1.6	25
17	Active Fluids Within the Unified Coloured Noise Approximation. <i>Soft and Biological Matter</i> , 2019, , 239-269.	0.3	2
18	Effective equilibrium picture in the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \langle \text{mml:mrow} \langle \text{mml:mi} \rangle x \langle / \text{mml:mi} \rangle \langle \text{mml:mi} \rangle y \langle / \text{mml:mi} \rangle \langle / \text{mml:mrow} \rangle \langle / \text{mml:math} \rangle$ model with exponentially correlated noise. <i>Physical Review E</i> , 2018, 97, 022605.		

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19	Effective equilibrium states in mixtures of active particles driven by colored noise. <i>Physical Review E</i> , 2018, 97, 012601.	0.8	22
20	Linear response and correlation of a self-propelled particle in the presence of external fields. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2018, 2018, 033203.	0.9	39
21	Active particles under confinement and effective force generation among surfaces. <i>Soft Matter</i> , 2018, 14, 9044-9054.	1.2	70
22	Comment on "Entropy Production and Fluctuation Theorems for Active Matter". <i>Physical Review Letters</i> , 2018, 121, 139801.	2.9	24
23	Heat, temperature and Clausius inequality in a model for active Brownian particles. <i>Scientific Reports</i> , 2017, 7, 46496.	1.6	71
24	Frequency-control of protein translocation across an oscillating nanopore. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 11260-11272.	1.3	8
25	Self-propulsion against a moving membrane: Enhanced accumulation and drag force. <i>Physical Review E</i> , 2017, 96, 032601.	0.8	14
26	Electrokinetic Lattice Boltzmann Solver Coupled to Molecular Dynamics: Application to Polymer Translocation. <i>Langmuir</i> , 2017, 33, 11635-11645.	1.6	10
27	Pressure in an exactly solvable model of active fluid. <i>Journal of Chemical Physics</i> , 2017, 147, 024903.	1.2	23
28	Effective equilibrium states in the colored-noise model for active matter I. Pairwise forces in the Fox and unified colored noise approximations. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2017, 2017, 113207.	0.9	48
29	Effective equilibrium states in the colored-noise model for active matter II. A unified framework for phase equilibria, structure and mechanical properties. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2017, 2017, 113208.	0.9	30
30	Clausius Relation for Active Particles: What Can We Learn from Fluctuations. <i>Entropy</i> , 2017, 19, 356.	1.1	43
31	Critical phenomena in active matter. <i>Physical Review E</i> , 2016, 94, 052602.	0.8	28
32	Velocity distribution in active particles systems. <i>Scientific Reports</i> , 2016, 6, 23297.	1.6	54
33	Pressure and surface tension of an active simple liquid: a comparison between kinetic, mechanical and free-energy based approaches. <i>Soft Matter</i> , 2016, 12, 5727-5738.	1.2	41
34	Effective potential method for active particles. <i>Molecular Physics</i> , 2016, 114, 2400-2410.	0.8	27
35	Multidimensional stationary probability distribution for interacting active particles. <i>Scientific Reports</i> , 2015, 5, 10742.	1.6	171
36	Tracer diffusion of hard-sphere binary mixtures under nano-confinement. <i>Journal of Chemical Physics</i> , 2015, 143, 184501.	1.2	14

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37	Controlling electroosmotic flows by polymer coatings: A joint experimental-theoretical investigation. <i>Journal of Chemical Physics</i> , 2015, 143, 184907.	1.2	8
38	Towards a statistical mechanical theory of active fluids. <i>Soft Matter</i> , 2015, 11, 8768-8781.	1.2	109
39	Steric Modulation of Ionic Currents in DNA Translocation Through Nanopores. <i>Journal of Statistical Physics</i> , 2015, 158, 1181-1194.	0.5	1
40	Electroosmotic flow in polymer-coated slits: a joint experimental/simulation study. <i>Microfluidics and Nanofluidics</i> , 2015, 18, 475-482.	1.0	16
41	Modulation of current through a nanopore induced by a charged globule: Implications for DNA-docking. <i>Europhysics Letters</i> , 2014, 108, 46002.	0.7	8
42	Lattice Boltzmann method for mixtures at variable Schmidt number. <i>Journal of Chemical Physics</i> , 2014, 141, 014102.	1.2	5
43	Kinetic Density Functional Theory: A Microscopic Approach to Fluid Mechanics. <i>Communications in Theoretical Physics</i> , 2014, 62, 596-606.	1.1	6
44	Electro-osmotic flow in coated nanocapillaries: a theoretical investigation. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 25473-25482.	1.3	14
45	Weighted density Lattice Boltzmann approach to fluids under confinement. <i>Molecular Physics</i> , 2013, 111, 3126-3135.	0.8	3
46	Ionic conduction in non-uniform nanopores and DNA translocation: a Nernst-Planck-Jacobs one-dimensional description. <i>Molecular Physics</i> , 2013, 111, 3493-3501.	0.8	2
47	Effective electrodiffusion equation for non-uniform nanochannels. <i>Journal of Chemical Physics</i> , 2013, 138, 244107.	1.2	17
48	SIMULATING NANOFUIDS VIA THE WEIGHTED DENSITY LATTICE BOLTZMANN APPROACH. <i>International Journal of Modern Physics C</i> , 2013, 24, 1340013.	0.8	0
49	About an H-theorem for systems with non-conservative interactions. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2013, 2013, P08003.	0.9	11
50	Stabilized lattice Boltzmann-Enskog method for compressible flows and its application to one- and two-component fluids in nanochannels. <i>Physical Review E</i> , 2012, 85, 036707.	0.8	7
51	Nonequilibrium fluctuations in a driven stochastic Lorentz gas. <i>Physical Review E</i> , 2012, 85, 031112.	0.8	19
52	Charge Transport in Nanochannels: A Molecular Theory. <i>Langmuir</i> , 2012, 28, 13727-13740.	1.6	37
53	Thermally induced directed currents in hard rod systems. <i>Granular Matter</i> , 2012, 14, 111-114.	1.1	0
54	Dynamics of fluid mixtures in nanospaces. <i>Journal of Chemical Physics</i> , 2011, 134, 064118.	1.2	24

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55	Electro-osmotic flows under nanoconfinement: A self-consistent approach. Europhysics Letters, 2011, 95, 44002.	0.7	23
56	Non-local kinetic theory of inhomogeneous liquid mixtures. Molecular Physics, 2011, 109, 1265-1274.	0.8	9
57	Multicomponent diffusion in nanosystems. Journal of Chemical Physics, 2011, 135, 044104.	1.2	16
58	Translocation process of structured polypeptides across nanopores. Spectroscopy, 2010, 24, 421-426.	0.8	1
59	Dynamic density functional theory versus kinetic theory of simple fluids. Journal of Physics Condensed Matter, 2010, 22, 364110.	0.7	26
60	Granular ratchets. European Physical Journal: Special Topics, 2009, 179, 197-206.	1.2	11
61	A Statistical Model for Translocation of Structured Polypeptide Chains through Nanopores. Journal of Physical Chemistry B, 2009, 113, 10348-10356.	1.2	44
62	Models of granular ratchets. Journal of Statistical Mechanics: Theory and Experiment, 2009, 2009, P07004.	0.9	8
63	Kinetic theory of correlated fluids: From dynamic density functional to Lattice Boltzmann methods. Journal of Chemical Physics, 2009, 131, 014105.	1.2	50
64	Fluctuation-dissipation: Response theory in statistical physics. Physics Reports, 2008, 461, 111-195.	10.3	577
65	Noise rectification and fluctuations of an asymmetric inelastic piston. Europhysics Letters, 2008, 82, 50008.	0.7	29
66	Beyond dynamic density functional theory: the role of inertia. Journal of Physics Condensed Matter, 2008, 20, 494233.	0.7	17
67	Beyond the dynamic density functional theory for steady currents: Application to driven colloidal particles in a channel. Journal of Chemical Physics, 2008, 128, 164704.	1.2	18
68	Lattice Boltzmann method for inhomogeneous fluids. Europhysics Letters, 2008, 81, 34001.	0.7	26
69	Theory of thermostatted inhomogeneous granular fluids: A self-consistent density functional description. Journal of Chemical Physics, 2007, 126, 164904.	1.2	27
70	Phase-space approach to dynamical density functional theory. Journal of Chemical Physics, 2007, 126, 184109.	1.2	45
71	Multiple time-scale approach for a system of Brownian particles in a nonuniform temperature field. Physical Review E, 2007, 75, 021101.	0.8	13
72	Granular Brownian ratchet model. Physical Review E, 2007, 75, 061124.	0.8	48

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73	Generalized Casimir forces in nonequilibrium systems. <i>Physical Review E</i> , 2007, 76, 011113.	0.8	22
74	Casimir forces in granular and other non equilibrium systems. <i>Granular Matter</i> , 2007, 10, 29-36.	1.1	6
75	Nonequilibrium inertial dynamics of colloidal systems. <i>Journal of Chemical Physics</i> , 2006, 124, 164901.	1.2	37
76	Fluctuation-Induced Casimir Forces in Granular Fluids. <i>Physical Review Letters</i> , 2006, 96, 178001.	2.9	53
77	Inelastic Takahashi hard-rod gas. <i>Journal of Chemical Physics</i> , 2006, 124, 044507.	1.2	2
78	Transport of a heated granular gas in a washboard potential. <i>Journal of Chemical Physics</i> , 2006, 125, 204711.	1.2	2
79	Bistable clustering in driven granular mixtures. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2005, 347, 411-428.	1.2	23
80	Granular gases in compartmentalized systems. <i>Journal of Physics Condensed Matter</i> , 2005, 17, S2641-S2656.	0.7	2
81	The inelastic hard dimer gas: A nonspherical model for granular matter. <i>Journal of Chemical Physics</i> , 2005, 122, 164505.	1.2	15
82	Ordering Phenomena in Cooling Granular Mixtures. <i>Physical Review Letters</i> , 2004, 92, 174502.	2.9	30
83	Dynamics of vibrofluidized granular gases in periodic structures. <i>Physical Review E</i> , 2004, 69, 011302.	0.8	12
84	Thermal convection in monodisperse and bidisperse granular gases: A simulation study. <i>Physical Review E</i> , 2004, 69, 061304.	0.8	40
85	Inelastic hard rods in a periodic potential. <i>Journal of Chemical Physics</i> , 2004, 121, 5125-5132.	1.2	19
86	Application of Simple Models to the Study of Nonequilibrium Behaviour of Inelastic Gases. <i>Phase Transitions</i> , 2004, 77, 863-888.	0.6	2
87	Fluid-like behavior of a one-dimensional granular gas. <i>Journal of Chemical Physics</i> , 2004, 120, 35-42.	1.2	38
88	Dynamical properties of vibrfluidized granular mixtures. <i>Granular Matter</i> , 2003, 5, 75-83.	1.1	46
89	Noise Activated Granular Dynamics. <i>Physical Review Letters</i> , 2003, 90, 064301.	2.9	28
90	Statistical mechanics of granular gases in compartmentalized systems. <i>Physical Review E</i> , 2003, 68, 031306.	0.8	8

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91	Surface and capillary transitions in an associating binary mixture model. <i>Physical Review E</i> , 2003, 67, 041502.	0.8	2
92	Velocity Fluctuations in Cooling Granular Gases. <i>Lecture Notes in Physics</i> , 2003, , 95-117.	0.3	1
93	Cooling of a lattice granular fluid as an ordering process. <i>Physical Review E</i> , 2002, 65, 051301.	0.8	55
94	Steady-state properties of a mean-field model of driven inelastic mixtures. <i>Physical Review E</i> , 2002, 66, 011301.	0.8	61
95	Driven low density granular mixtures. <i>Physical Review E</i> , 2002, 66, 051304.	0.8	59
96	KINETICS MODELS OF INELASTIC GASES. <i>Mathematical Models and Methods in Applied Sciences</i> , 2002, 12, 965-983.	1.7	28
97	Mean-field model of free-cooling inelastic mixtures. <i>Physical Review E</i> , 2002, 65, 051305.	0.8	52
98	Influence of correlations on the velocity statistics of scalar granular gases. <i>Europhysics Letters</i> , 2002, 58, 14-20.	0.7	107
99	Fingering in slow combustion. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2002, 312, 381-391.	1.2	7
100	MODELS OF FREE COOLING GRANULAR GASES. <i>International Journal of Modeling, Simulation, and Scientific Computing</i> , 2001, 04, 321-331.	0.9	5
101	Driven granular gases with gravity. <i>Physical Review E</i> , 2001, 64, 011301.	0.8	19
102	Janssen's law and stress fluctuations in confined dry granular materials. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2000, 280, 279-288.	1.2	13
103	Interfacial dynamics in rapid solidification processes. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2000, 280, 148-154.	1.2	5
104	Novel Monte-Carlo lattice approach to rapid directional solidification of binary alloys. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2000, 277, 35-46.	1.2	2
105	Motion of a granular particle on a rough line. <i>Europhysics Letters</i> , 2000, 51, 685-690.	0.7	5
106	Groove instability in cellular solidification. <i>Physical Review E</i> , 2000, 63, .	0.8	2
107	Dynamic density functional theory of fluids. <i>Journal of Physics Condensed Matter</i> , 2000, 12, A413-A418.	0.7	170
108	A microscopic model for solidification. <i>Europhysics Letters</i> , 1999, 47, 338-344.	0.7	8

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109	Kinetic approach to granular gases. <i>Physical Review E</i> , 1999, 59, 5582-5595.	0.8	119
110	Phase equilibria of a lattice model of associating binary mixtures. <i>Physical Chemistry Chemical Physics</i> , 1999, 1, 4271-4275.	1.3	4
111	Dynamic density functional theory of fluids. <i>Journal of Chemical Physics</i> , 1999, 110, 8032-8044.	1.2	550
112	Critical exponents in the Linâ€”Taylor model of asymmetrical associating binary mixtures. <i>Molecular Physics</i> , 1998, 95, 571-577.	0.8	3
113	Clustering and Non-Gaussian Behavior in Granular Matter. <i>Physical Review Letters</i> , 1998, 81, 3848-3851.	2.9	174
114	Phase separation in systems with absorbing states. <i>Europhysics Letters</i> , 1998, 43, 552-557.	0.7	1
115	Interface pinning and slow ordering kinetics on infinitely ramified fractal structures. <i>Physical Review E</i> , 1998, 57, 1290-1301.	0.8	10
116	Critical properties of the Ising model on Sierpinski fractals: A finite-size scaling-analysis approach. <i>Physical Review B</i> , 1998, 58, 14387-14396.	1.1	50
117	Complex fluid behaviour of strongly asymmetric binary mixtures: thermodynamic properties of a generalized Linâ€”Taylor model. <i>Molecular Physics</i> , 1998, 93, 501-508.	0.8	6
118	Domain growth on percolation structures. <i>The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties</i> , 1998, 77, 265-276.	0.6	1
119	Diffusion-controlled growth of a solid cylinder into its undercooled melt: Instabilities and pattern formation studied with the phase-field model. <i>Physical Review E</i> , 1997, 55, 3087-3091.	0.8	1
120	Soluble phase field model. <i>Physical Review E</i> , 1997, 56, 77-87.	0.8	4
121	Domain growth on self-similar structures. <i>Physical Review E</i> , 1997, 55, 1311-1314.	0.8	11
122	Comment on “Exact Results for the Lower Critical Solution in the Asymmetric Model of an Interacting Binary Mixture”. <i>Physical Review Letters</i> , 1997, 79, 3543-3543.	2.9	7
123	Time dependent Ginzburg - Landau model in the absence of translational invariance. Non-conserved order parameter domain growth. <i>Journal of Physics A</i> , 1997, 30, 1069-1088.	1.6	13
124	(N) model for charge density waves. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1996, 225, 281-293.	1.2	1
125	Growth kinetics in a phase field model with continuous symmetry. <i>Physical Review E</i> , 1996, 54, 153-162.	0.8	4
126	Growth in systems of vesicles and membranes. <i>Physical Review E</i> , 1996, 53, 5123-5129.	0.8	4

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127	Phase-field model for dendritic growth in a channel. <i>Physical Review E</i> , 1996, 53, 5039-5043.	0.8	16
128	Domain coarsening via heat diffusion: A numerical study with the phase field model. <i>Europhysics Letters</i> , 1996, 36, 431-436.	0.7	8
129	Effective action method for the Langevin equation. <i>Physical Review E</i> , 1995, 51, 4237-4245.	0.8	8
130	Diffusion Limited Growth in Systems with Continuous Symmetry. <i>Physical Review Letters</i> , 1995, 75, 2168-2171.	2.9	5
131	Complexity of the Minimum Energy Configurations. <i>Physical Review Letters</i> , 1995, 75, 637-640.	2.9	0
132	Time-Dependent Ginzburg-Landau Equation for an N -Component Model of Self-Assembled Fluids. <i>Europhysics Letters</i> , 1995, 30, 349-354.	0.7	13
133	Effective action method for computing next to leading corrections of $O(N)$ models. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993, 319, 171-177.	1.5	8
134	Pore-end effects on adsorption hysteresis in cylindrical and slitlike pores. <i>Journal of Chemical Physics</i> , 1992, 97, 6942-6952.	1.2	77
135	Ergodic properties of high-dimensional symplectic maps. <i>Physical Review A</i> , 1991, 44, 2263-2270.	1.0	63
136	Crossover between complete wetting and critical adsorption. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1991, 171, 69-79.	1.2	6
137	Monte Carlo simulations in fermionic systems: The three band Hubbard model case. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1991, 171, 139-158.	1.2	0
138	Structure effects and phase equilibria of Lennard-Jones mixtures in a cylindrical pore.. <i>Molecular Physics</i> , 1991, 72, 1081-1097.	0.8	19
139	Novel scaling behavior of directed polymers: Disorder distribution with long tails. <i>Journal of Statistical Physics</i> , 1990, 61, 885-889.	0.5	13
140	Structure of the liquid-vapor interface: A nonperturbative approach to the theory of interfacial fluctuations. <i>Physical Review A</i> , 1990, 41, 6732-6740.	1.0	1
141	Microscopic model for hysteresis and phase equilibria of fluids confined between parallel plates. <i>Physical Review A</i> , 1989, 39, 4109-4116.	1.0	73
142	Hard-sphere mixtures near a hard wall. <i>Journal of Chemical Physics</i> , 1989, 90, 3704-3712.	1.2	86
143	Exact two-particle effective interaction and superconductivity in the two-level Hubbard model. <i>Physical Review B</i> , 1989, 39, 4277-4284.	1.1	7
144	Lennard-Jones Mixtures in a Cylindrical Pore. A Comparison of Simulation and Density Functional Theory. <i>Molecular Simulation</i> , 1989, 2, 393-411.	0.9	53

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145	A Model of Hysteresis in Narrow Pores. <i>Europhysics Letters</i> , 1989, 8, 531-535.	0.7	28
146	Renormalization group study of the three state three dimensional Potts model. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1989, 231, 157-160.	1.5	15
147	Phase diagram of the Z(3) spin model in three dimensions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1989, 217, 314-318.	1.5	19
148	On the statistical mechanics of interfaces and interfacial fluctuations. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1989, 159, 221-238.	1.2	6
149	A variational study of the phase diagram of the potts three state model versus Monte Carlo simulation. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1989, 161, 284-299.	1.2	3
150	Fluid mixtures in narrow cylindrical pores: Computer simulation and theory. <i>International Journal of Thermophysics</i> , 1988, 9, 1051-1060.	1.0	14
151	Lennard-Jones fluids in cylindrical pores: Nonlocal theory and computer simulation. <i>Journal of Chemical Physics</i> , 1988, 88, 6487-6500.	1.2	224
152	Critical adsorption and finite-geometry effects. <i>Physical Review A</i> , 1988, 38, 6267-6279.	1.0	26
153	Phase equilibria of fluid interfaces and confined fluids. <i>Molecular Physics</i> , 1987, 60, 573-595.	0.8	597
154	Phase equilibria and solvation forces for fluids confined between parallel walls. <i>Journal of Chemical Physics</i> , 1987, 86, 7138-7148.	1.2	286
155	Phase transitions in a confined lattice gas: Prewetting and capillary condensation. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1987, 141, 187-210.	1.2	77
156	Fluids in narrow pores: Adsorption, capillary condensation, and critical points. <i>Journal of Chemical Physics</i> , 1986, 84, 2376-2399.	1.2	489
157	Capillary condensation and adsorption in cylindrical and slit-like pores. <i>Journal of the Chemical Society, Faraday Transactions 2</i> , 1986, 82, 1763.	1.1	364
158	Comment on "Simple theory for the critical adsorption of a fluid". <i>Physical Review A</i> , 1986, 34, 3504-3507.	1.0	5
159	The role of wetting films in capillary condensation and rise: Influence of long-range forces. <i>Chemical Physics Letters</i> , 1985, 114, 415-422.	1.2	82
160	Pairwise correlations at a fluid-fluid interface. <i>Molecular Physics</i> , 1985, 54, 1357-1392.	0.8	20
161	Capillary condensation versus prewetting. <i>Physical Review A</i> , 1985, 32, 3817-3820.	1.0	50
162	The structure of size-asymmetric electrolytes at charged surfaces: The unrestricted primitive model in the HNC/MSA approximation. <i>Chemical Physics Letters</i> , 1984, 107, 609-612.	1.2	13

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163	On the failure of certain integral equation theories to account for complete wetting at solid-fluid interfaces. <i>Molecular Physics</i> , 1983, 50, 993-1011.	0.8	71
164	On the antiferromagnetic phase in the Hubbard model. <i>Journal of Physics C: Solid State Physics</i> , 1982, 15, L925-L928.	1.5	2
165	Mode coupling theory of charge fluctuation spectrum in a binary ionic liquid. <i>Societa Italiana Di Fisica Nuovo Cimento B-General Physics, Relativity Astronomy and Mathematical Physics and Methods</i> , 1980, 57, 319-340.	0.2	11