Andrey Milchev

List of Publications by Year
in descending order

262	7,165	57758	91884
papers	citations	44 h-index	69 g-index

267	267	267	3811
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Rugotaxis: Droplet motion without external energy supply. Europhysics Letters, 2022, 137, 43002.	2.0	5
2	Surface enrichment and interdiffusion in blends of semiflexible polymers of different stiffness. Soft Matter, 2022, , .	2.7	1
3	Phase Separation and Nematic Order in Lyotropic Solutions: Two Types of Polymers with Different Stiffnesses in a Common Solvent. Journal of Physical Chemistry B, 2021, 125, 956-969.	2.6	14
4	Phase Separation in a Binary Mixture of Semiflexible Polymers Confined in a Repulsive Sphere. Macromolecules, 2021, 54, 6312-6326.	4.8	5
5	Blends of Semiflexible Polymers: Interplay of Nematic Order and Phase Separation. Polymers, 2021, 13, 2270.	4.5	4
6	Adsorption of Semiflexible Polymers in Cylindrical Tubes. Langmuir, 2021, 37, 11759-11770.	3.5	0
7	Cylindrical confinement of solutions containing semiflexible macromolecules: surface-induced nematic order versus phase separation. Soft Matter, 2021, 17, 3443-3454.	2.7	6
8	Entropic Unmixing in Nematic Blends of Semiflexible Polymers. ACS Macro Letters, 2020, 9, 1779-1784.	4.8	18
9	Understanding the properties of liquid-crystalline polymers by computational modeling. JPhys Materials, 2020, 3, 032008.	4.2	19
10	Dynamic Responsive Formation of Nanostructured Fibers in a Hydrogel Network: A Molecular Dynamics Study. Frontiers in Chemistry, 2020, 8, 120.	3.6	3
11	Nanoparticle diffusion in polymer melts: Molecular dynamics simulations and mode-coupling theory. Journal of Chemical Physics, 2020, 152, 234902.	3.0	4
12	Semiflexible Polymers Interacting with Planar Surfaces: Weak versus Strong Adsorption. Polymers, 2020, 12, 255.	4.5	7
13	How does stiffness of polymer chains affect their adsorption transition?. Journal of Chemical Physics, 2020, 152, 064901.	3.0	22
14	Slit Pore Confinement of Semiflexible Polymers â€" Interplay of Adsorption and Liquid-Crystalline Order. , 2020, , 1-35.		1
15	The smectic phase in semiflexible polymer materials: A large scale molecular dynamics study. Computational Materials Science, 2019, 166, 230-239.	3.0	16
16	Linear Dimensions of Adsorbed Semiflexible Polymers: What Can Be Learned about Their Persistence Length?. Physical Review Letters, 2019, 123, 128003.	7.8	19
17	Anomalous Slowdown of Polymer Detachment Dynamics on Carbon Nanotubes. Physical Review Letters, 2019, 122, 218003.	7.8	5
18	Densely Packed Semiflexible Macromolecules in a Rigid Spherical Capsule. Macromolecules, 2018, 51, 2002-2016.	4.8	22

#	Article	IF	Citations
19	Adsorption and structure formation of semiflexible polymers on spherical surfaces. Polymer, 2018, 145, 463-472.	3.8	11
20	Nematic order in solutions of semiflexible polymers: Hairpins, elastic constants, and the nematic-smectic transition. Journal of Chemical Physics, 2018, 149, 174909.	3.0	29
21	Semiflexible polymers confined in a slit pore with attractive walls: two-dimensional liquid crystalline order versus capillary nematization. Soft Matter, 2017, 13, 1888-1903.	2.7	16
22	Conformations and orientational ordering of semiflexible polymers in spherical confinement. Journal of Chemical Physics, 2017, 146, 194907.	3.0	19
23	Dynamic Mechanical Response of Hybrid Physical Covalent Networks â^' Molecular Dynamics Simulation. Macromolecular Symposia, 2017, 373, 1600147.	0.7	2
24	Stiffness-guided motion of a droplet on a solid substrate. Journal of Chemical Physics, 2017, 146, 244705.	3.0	23
25	Semiflexible Polymers in Spherical Confinement: Bipolar Orientational Order Versus Tennis Ball States. Physical Review Letters, 2017, 118, 217803.	7.8	36
26	Smectic C and Nematic Phases in Strongly Adsorbed Layers of Semiflexible Polymers. Nano Letters, 2017, 17, 4924-4928.	9.1	19
27	Capillary Nematization of Semiflexible Polymers. Macromolecular Theory and Simulations, 2017, 26, 1600036.	1.4	15
28	Modeling the interfacial tension dependence on composition and stiffness of nonionic surfactants on liquidâ€"liquid interfaces. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 519, 168-178.	4.7	5
29	10.1063/1.4990436.1. , 2017, , .		0
30	Semiflexible Polymers in the Bulk and Confined by Planar Walls. Polymers, 2016, 8, 296.	4.5	23
31	Dynamics of single semiflexible polymers in dilute solution. Journal of Chemical Physics, 2016, 145, 234903.	3.0	26
32	Molecular weight effects on interfacial properties of linear and ring polymer melts: A molecular dynamics study. Journal of Chemical Physics, 2016, 145, 194902.	3.0	8
33	Semiflexible polymers under good solvent conditions interacting with repulsive walls. Journal of Chemical Physics, 2016, 144, 174902.	3.0	37
34	A new insight into the isotropicâ€"nematic phase transition in lyotropic solutions of semiflexible polymers: density-functional theory tested by molecular dynamics. Soft Matter, 2016, 12, 4944-4959.	2.7	51
35	Anomalous Fluctuations of Nematic Order in Solutions of Semiflexible Polymers. Physical Review Letters, 2016, 116, 187801.	7.8	45
36	Deformation-induced damage and recovery in model hydrogels â€" A molecular dynamics simulation. Journal of the Mechanics and Physics of Solids, 2016, 94, 372-387.	4.8	16

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37	Effects of polymer stiffness on surface tension and pressure in confinement. Journal of Chemical Physics, 2015, 143, 064701.	3.0	9
38	Semiflexible polymer brushes and the brush-mushroom crossover. Soft Matter, 2015, 11, 2604-2616.	2.7	40
39	Detachment of semiflexible polymer chains from a substrate: A molecular dynamics investigation. Journal of Chemical Physics, 2014, 141, 214902.	3.0	5
40	Star polymers rupture induced by constant forces. Journal of Chemical Physics, 2014, 141, 164907.	3.0	0
41	Mechanical Response of Hybrid Cross-Linked Networks to Uniaxial Deformation: A Molecular Dynamics Model. Macromolecules, 2014, 47, 8795-8807.	4.8	14
42	Observation of a tricritical wedge filling transition in the 3D Ising model. Europhysics Letters, 2014, 108, 26003.	2.0	2
43	Molecular Dynamic Study of the Structure and Dynamics of Polymer Melt at Solid Surfaces. Soft Materials, 2014, 12, S56-S70.	1.7	9
44	Critical adsorption of a single macromolecule in polymer brushes. Soft Matter, 2014, 10, 5974-5990.	2.7	9
45	Unconventional ordering behavior of semi-flexible polymers in dense brushes under compression. Soft Matter, 2014, 10, 3783.	2.7	19
46	Arm Retraction Dynamics and Bistability of a Three-Arm Star Polymer in a Nanopore. Macromolecules, 2014, 47, 2156-2168.	4.8	8
47	Force spectroscopy of polymer desorption: theory and molecular dynamics simulations. Soft Matter, 2014, 10, 2785.	2.7	16
48	Polymer absorption in dense polymer brushes vs. polymer adsorption on the brush-solvent interface. Europhysics Letters, 2014, 106, 58001.	2.0	3
49	Structure and dynamics of polymer melt confined between two solid surfaces: A molecular dynamics study. Journal of Chemical Physics, 2014, 141, 044907.	3.0	24
50	Surface Microdynamics Phase Transition and Internal Structure of High-Density, Ultrathin PHEMA-b-PNIPAM Diblock Copolymer Brushes on Silicone Rubber. Macromolecules, 2013, 46, 5260-5278.	4.8	28
51	Rupture Dynamics of Macromolecules. Lecture Notes in Applied and Computational Mechanics, 2013, , 1-42.	2.2	0
52	Recent developments in computer modeling of polymer systems. Polymer Science - Series C, 2013, 55, 1-3.	1.7	0
53	Mechanical Properties of Single Molecules and Polymer Aggregates. Advances in Polymer Science, 2013, , 1-60.	0.8	1
54	Driven translocation of a polymer: Fluctuations at work. Physical Review E, 2013, 87, .	2.1	25

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55	Adsorption of Oligomers and Polymers into a Polymer Brush Formed from Grafted Ring Polymers. Macromolecules, 2013, 46, 8724-8731.	4.8	8
56	The Escape Transition of a Compressed Star Polymer: Self-Consistent Field Predictions Tested by Simulation. Macromolecules, 2013, 46, 8009-8016.	4.8	2
57	Star polymers confined in a nanoslit: a simulation test of scaling and self-consistent field theories. Soft Matter, 2013, 9, 10522.	2.7	17
58	Controlling the Interactions between Soft Colloids via Surface Adsorption. Macromolecules, 2013, 46, 3648-3653.	4.8	14
59	Efficient Separation of Long Polymer Chains by Contour Length and Architecture. ACS Macro Letters, 2013, 2, 879-881.	4.8	8
60	Bending or buckling: Compression-induced phase transition in a semi-flexible polymer brush. Europhysics Letters, 2013, 102, 58003.	2.0	17
61	Relaxation Mechanisms of Physical Hydrogels Networks. , 2013, , 223-231.		1
62	Tension enhancement in branched macromolecules upon adhesion on a solid substrate. Europhysics Letters, 2012, 97, 58003.	2.0	13
63	Semiflexible polymers grafted to a solid planar substrate: Changing the structure from polymer brush to â€œpolymer bristleâ€. Journal of Chemical Physics, 2012, 136, 194901.	3.0	24
64	Thermal decomposition of a honeycomb-network sheet: A molecular dynamics simulation study. Journal of Chemical Physics, 2012, 137, 054901.	3.0	2
65	Thermal Degradation of Adsorbed Bottleâ€Brush Macromolecules: When Do Strong Covalent Bonds Break Easily?. Macromolecular Symposia, 2012, 316, 112-122.	0.7	6
66	Force-induced breakdown of flexible polymerized membrane. Physical Review E, 2012, 85, 021805.	2.1	4
67	KINETICS OF POLYMER EJECTION FROM CAPSID CONFINEMENT: SCALING CONSIDERATIONS AND COMPUTER EXPERIMENT. International Journal of Modern Physics C, 2012, 23, 1240005.	1.7	1
68	Dynamic behavior of acrylic acid clusters as quasi-mobile nodes in a model of hydrogel network. Journal of Chemical Physics, 2012, 137, 244908.	3.0	7
69	Dynamic Compression of in Situ Grown Living Polymer Brush: Simulation and Experiment. Macromolecules, 2012, 45, 9827-9840.	4.8	10
70	Polymer Detachment Kinetics from Adsorbing Surface: Theory, Simulation and Similarity to Infiltration into Porous Medium. Macromolecules, 2012, 45, 4371-4380.	4.8	20
71	Polymer brushes on flat and curved surfaces: How computer simulations can help to test theories and to interpret experiments. Journal of Polymer Science, Part B: Polymer Physics, 2012, 50, 1515-1555.	2.1	190
72	Structure and dynamics of a polymer melt at an attractive surface. European Physical Journal E, 2012, 35, 97.	1.6	45

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73	Computer Simulation Studies of Chain Dynamics in Polymer Brushes. Macromolecules, 2012, 45, 4381-4393.	4.8	48
74	Stretching of Free Chains Confined in Concave Brush-Coated Nanocylinders. Macromolecules, 2012, 45, 2580-2587.	4.8	15
75	Forced translocation of a polymer: Dynamical scaling versus molecular dynamics simulation. Physical Review E, 2012, 85, 041801.	2.1	59
76	Thermal Degradation of Adsorbed Bottle-Brush Macromolecules: A Molecular Dynamics Simulation. Macromolecules, 2011, 44, 3981-3987.	4.8	18
77	Polymer brushes under flow and in other out-of-equilibrium conditions. Soft Matter, 2011, 7, 7159.	2.7	97
78	Structural properties of concave cylindrical brushes interacting with free chains. Soft Matter, 2011, 7, 5669.	2.7	24
79	Single-polymer dynamics under constraints: scaling theory and computer experiment. Journal of Physics Condensed Matter, 2011, 23, 103101.	1.8	126
80	Fractional Brownian motion approach to polymer translocation: The governing equation of motion. Physical Review E, 2011, 83, 011802.	2.1	54
81	Thermal degradation of unstrained single polymer chain: Non-linear effects at work. Journal of Chemical Physics, 2011, 134, 224901.	3.0	19
82	Polymer chain scission at constant tension â€"An example of force-induced collective behaviour. Europhysics Letters, 2011, 94, 48003.	2.0	20
83	Anomalous structure and scaling of ring polymer brushes. Europhysics Letters, 2011, 95, 28003.	2.0	24
84	Polymer Chain Adsorption on a Solid Surface: Scaling Arguments and Computer Simulations. Springer Series in Surface Sciences, 2011, , 185-204.	0.3	6
85	Growth kinetics of single copper crystals: the concentration dependence. Russian Journal of Electrochemistry, 2010, 46, 607-610.	0.9	8
86	Polymer desorption under pulling a 1st â€" order phase transition without phase coexistence. Physics Procedia, 2010, 3, 1459-1474.	1.2	3
87	Thermal breakage and self-healing of a polymer chain under tensile stress. Journal of Chemical Physics, 2010, 132, 204902.	3.0	23
88	Polymer brushes with nanoinclusions under shear: A molecular dynamics investigation. Biomicrofluidics, 2010, 4, 32202.	2.4	17
89	Spherical polymer brushes under good solvent conditions: Molecular dynamics results compared to density functional theory. Journal of Chemical Physics, 2010, 133, 184901.	3.0	93
90	Ejection of a Polymer Chain from a Nanopore: Theory and Computer Experiment. Macromolecules, 2010, 43, 6877-6885.	4.8	34

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91	Absorption/expulsion of oligomers and linear macromolecules in a polymer brush. Journal of Chemical Physics, 2010, 132, .	3.0	38
92	Method for wettability characterization based on contact line pinning. Physical Review E, 2010, 81, 041603.	2.1	8
93	Polymer desorption under pulling: A dichotomic phase transition. Physical Review E, 2009, 79, 030802.	2.1	23
94	Comment on â€˜Anomalous dynamics of unbiased polymer translocation through a narrow poreâ€™ and other recent papers by D Panja, G Barkema and R Ball. Journal of Physics Condensed Matter, 2009, 21, 098001.	1.8	14
95	Structure, Dynamic Properties, and Phase Transitions of Tethered Membranes. Annals of the New York Academy of Sciences, 2009, 1161, 397-406.	3.8	1
96	Polymer Translocation through a Nanopore: A Showcase of Anomalous Diffusion. Annals of the New York Academy of Sciences, 2009, 1161, 95-104.	3.8	7
97	Capillary Rise in Nanotubes Coated with Polymer Brushes. Annals of the New York Academy of Sciences, 2009, 1161, 537-548.	3.8	9
98	Nanoinclusions in polymer brushes with explicit solvent â€“ A molecular dynamics investigation. Journal of Colloid and Interface Science, 2009, 336, 51-58.	9.4	37
99	The escape transition of a polymer: A unique case of non-equivalence between statistical ensembles. European Physical Journal E, 2009, 29, 9-25.	1.6	16
100	Pulling an adsorbed polymer chain off a solid surface. European Physical Journal E, 2009, 29, 285-297.	1.6	20
101	Scaling exponents of forced polymer translocation through a nanopore. European Physical Journal E, 2009, 29, 423-429.	1.6	86
102	Capillary Filling in Microchannels with Wall Corrugations: A Comparative Study of the Concusâ€™Finn Criterion by Continuum, Kinetic, and Atomistic Approaches. Langmuir, 2009, 25, 12653-12660.	3.5	43
103	Forced-Induced Desorption of a Polymer Chain Adsorbed on an Attractive Surface: Theory and Computer Experiment. Macromolecules, 2009, 42, 2236-2250.	4.8	31
104	Hydrokinetic simulations of nanoscopic precursor films in rough channels. Journal of Statistical Mechanics: Theory and Experiment, 2009, 2009, P06007.	2.3	15
105	Local Viscosity in the Vicinity of a Wall Coated by Polymer Brush from Greenâ€“Kubo Relations. Macromolecular Theory and Simulations, 2008, 17, 313-318.	1.4	9
106	Excess free energy of nanoparticles in a polymer brush. Polymer, 2008, 49, 3611-3618.	3.8	56
107	Phase transitions and interface fluctuations in double wedges and bi-pyramids with competing surface fields. European Physical Journal B, 2008, 64, 499-503.	1.5	3
108	Adsorption kinetics of a single polymer on a solid plane. Physical Review E, 2008, 77, 061603.	2.1	20

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109	Molecular Dynamics Simulations of Capillary Rise Experiments in Nanotubes Coated with Polymer Brushes. Langmuir, 2008, 24, 1232-1239.	3.5	36
110	Adsorption of Multiblock and Random Copolymer on a Solid Surface: Critical Behavior and Phase Diagram. Macromolecules, 2008, 41, 2920-2930.	4.8	30
111	Flow and transport in brush-coated capillaries: A molecular dynamics simulation. Physics of Fluids, 2008, 20, 092102.	4.0	19
112	Adsorption of self-avoiding tethered membranes: A Monte Carlo simulation study. Journal of Chemical Physics, 2008, 129, 215103.	3.0	3
113	Forced imbibitionâ€"a tool for separate determination of Laplace pressure and drag force in capillary filling experiments. Physical Chemistry Chemical Physics, 2008, 10, 1867.	2.8	15
114	Universal properties of a single polymer chain in slit: Scaling versus molecular dynamics simulations. Journal of Chemical Physics, 2008, 128, 234902.	3.0	44
115	Dynamics of a stretched nonlinear polymer chain. Journal of Chemical Physics, 2008, 129, 154908.	3.0	16
116	Evidence of thin-film precursors formation in hydrokinetic and atomistic simulations of nano-channel capillary filling. Europhysics Letters, 2008, 84, 44003.	2.0	39
117	Anomalous diffusion of a tethered membrane: A Monte Carlo investigation. Physical Review E, 2008, 77, 041906.	2.1	16
118	Polymer Brushes on Flat and Curved Substrates: Scaling Concepts and Computer Simulations. Macromolecular Symposia, 2007, 252, 47-57.	0.7	23
119	Structure, dynamics, and phase transitions of tethered membranes: A Monte Carlo simulation study. Journal of Chemical Physics, 2007, 127, 194903.	3.0	11
120	Capillary Rise in Nanopores: Molecular Dynamics Evidence for the Lucas-Washburn Equation. Physical Review Letters, 2007, 99, 054501.	7.8	246
121	Driven polymer translocation through a nanopore: A manifestation of anomalous diffusion. Europhysics Letters, 2007, 79, 18002.	2.0	109
122	Polymer translocation through a nanopore: A showcase of anomalous diffusion. Physical Review E, 2007, 76, 010801.	2.1	122
123	Polymer brushes in solvents of variable quality: Molecular dynamics simulations using explicit solvent. Journal of Chemical Physics, 2007, 127, 084905.	3.0	126
124	Monte Carlo simulations of phase transitions of systems in nanoscopic confinement. Computer Physics Communications, 2007, 177, 140-145.	7.5	9
125	Interface stability and copolymers: Application to food systems. Food Hydrocolloids, 2007, 21, 870-878.	10.7	12
126	Simulation of Nanodroplets on Solid Surfaces: Wetting, Spreading and Bridging. , 2006, , 105-126.		1

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127	Polymer brushes in cylindrical pores: Simulation versus scaling theory. Journal of Chemical Physics, 2006, 125, 034905.	3.0	68
128	Kinetics of Copolymer Localization at a Selective Liquidâ^'Liquid Interface. Macromolecules, 2006, 39, 1234-1244.	4.8	10
129	Field-Driven Translocation of Regular Block Copolymers through a Selective Liquidâ^'Liquid Interface. Macromolecules, 2006, 39, 7115-7124.	4.8	5
130	Multiblock copolymers at selective liquidâ€"liquid interfaces: Toward a block size chromatography. Journal of Polymer Science, Part B: Polymer Physics, 2006, 44, 2572-2588.	2.1	3
131	Electrochemical growth of single mercury droplets under joint ohmic, diffusion, and charge transfer limitations. Russian Journal of Electrochemistry, 2006, 42, 678-680.	0.9	1
132	Structure of Polymer Brushes in Cylindrical Tubes: A Molecular Dynamics Simulation. Macromolecular Theory and Simulations, 2006, 15, 573-583.	1.4	48
133	Copolymer adsorption kinetics at a selective liquid-liquid interface: Scaling theory and computer experiment. Europhysics Letters, 2006, 73, 204-210.	2.0	13
134	Polymer chains in a soft nanotube: A Monte Carlo Study. Journal of Chemical Physics, 2006, 124, 024909.	3.0	26
135	POLYMER CHAINS BEHAVIOR IN NANOTUBES: A MONTE CARLO STUDY. , 2006, , 219-220.		0
136	Adsorption-induced polymer translocation through a nanopore: a Monte Carlo investigation. Computer Physics Communications, 2005, 169, 107-110.	7.5	5
137	Monte Carlo simulations of Ising models and polymer blends in double wedge geometry: Evidence for novel types of critical phenomena. Computer Physics Communications, 2005, 169, 226-229.	7.5	5
138	A new boundary-controlled phase transition: Phase separation in an Ising bi-pyramid with competing surface fields. Europhysics Letters, 2005, 70, 348-354.	2.0	10
139	Polymer droplets on substrates with striped surface domains: molecular dynamics simulations of equilibrium structure and liquid bridge rupture. Journal of Physics Condensed Matter, 2005, 17, S4199-S4211.	1.8	9
140	Ising systems with pairwise competing surface fields. Journal of Physics Condensed Matter, 2005, 17, 6783-6804.	1.8	3
141	Localization of a multiblock copolymer at a selective interface: Scaling predictions and Monte Carlo verification. Journal of Chemical Physics, 2005, 122, 094907.	3.0	25
142	Phase transitions in nanosystems caused by interface motion: The Ising bipyramid with competing surface fields. Physical Review E, 2005, 72, 031603.	2.1	11
143	Non-Fickian interdiffusion of dynamically asymmetric species: A molecular-dynamics study. Journal of Chemical Physics, 2005, 122, 204105.	3.0	7
144	Dynamics of a polymer in a quenched random medium: A Monte Carlo investigation. Europhysics Letters, 2004, 68, 384-390.	2.0	6

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145	Polymer nanodroplets forming liquid bridges in chemically structured slit pores: A computer simulation. Journal of Chemical Physics, 2004, 121, 12632.	3.0	22
146	Polymer translocation through a nanopore induced by adsorption: Monte Carlo simulation of a coarse-grained model. Journal of Chemical Physics, 2004, 121, 6042-6051.	3.0	127
147	Dynamics of a Spreading Nanodroplet: A Molecular Dynamic Simulation. Macromolecular Theory and Simulations, 2003, 12, 573-581.	1.4	17
148	Interface Localization-Delocalization in a Double Wedge: A New Universality Class with Strong Fluctuations and Anisotropic Scaling. Physical Review Letters, 2003, 90, 136101.	7.8	63
149	Wedge filling and interface delocalization in finite Ising lattices with antisymmetric surface fields. Physical Review E, 2003, 68, 031601.	2.1	47
150	Introduction to Monte Carlo Methods. , 2003, , 39-55.		0
151	Electrophoresis of an end-labeled polymer chain: A molecular dynamics study. Physical Review E, 2002, 66, 041806.	2.1	3
152	Polymer depletion interaction between a colloid particle and a wall: A Monte Carlo study. Journal of Chemical Physics, 2002, 117, 5415-5420.	3.0	11
153	Droplet spreading: A Monte Carlo test of Tannerâ€™s law. Journal of Chemical Physics, 2002, 116, 7691-7694.	3.0	33
154	Momentum-dependent interfacial tension in polymer solutions. Europhysics Letters, 2002, 59, 81-86.	2.0	25
155	Polymer nanodroplets adsorbed on nanocylinders: A Monte Carlo study. Journal of Chemical Physics, 2002, 117, 6852-6862.	3.0	29
156	Nanodroplets on a solid plane: wetting and spreading in a Monte Carlo simulation. Computer Physics Communications, 2002, 146, 38-53.	7.5	26
157	Title is missing!. Journal of Computer-Aided Materials Design, 2002, 9, 33-74.	0.7	53
158	Drift of a polymer chain in a porous medium --A Monte Carlo study. European Physical Journal E, 2002, 7, 65-71.	1.6	0
159	The electrostatic persistence length of polymers beyond the OSF limit. European Physical Journal E, 2002, 8, 3-14.	1.6	61
160	Polymer depletion interaction between parallel walls --A Monte Carlo study. European Physical Journal E, 2002, 8, 531-537.	1.6	11
161	Title is missing!. European Physical Journal E, 2002, 7, 65-71.	1.6	2
162	Formation of Block Copolymer Micelles in Solution:Â A Monte Carlo Study of Chain Length Dependence. Macromolecules, 2001, 34, 1881-1893.	4.8	117

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164	Osmotic pressure of solutions containing flexible polymers subject to an annealed molecular weight distribution. Europhysics Letters, 2001, 54, 58-64.	2.0	11
165	Polymer melt droplets adsorbed on a solid wall: A Monte Carlo simulation. Journal of Chemical Physics, 2001, 114, 8610-8618.	3.0	56
166	A Monte Carlo study of a tethered polymer chain in a uniform field. Macromolecular Theory and Simulations, 2000, 9, 516-522.	1.4	5
167	Formation and equilibrium properties of living polymer brushes. Journal of Chemical Physics, 2000, 112, 1606-1615.	3.0	51
168	Dynamical Monte Carlo study of equilibrium polymers. II. The role of rings. Journal of Chemical Physics, 2000, 113, 6992-7005.	3.0	54
169	Dynamical Monte Carlo study of equilibrium polymers: Effects of high density and ring formation. Physical Review E, 2000, 61, 2959-2966.	2.1	32
170	Conformations of Random Polyampholytes. Physical Review Letters, 2000, 85, 4305-4308.	7.8	56
171	MOBILITY OF POLYMERS NEAR SURFACES. , 2000, , 1-49.		6
172	Anomalous diffusion in disordered lattices: Effect of bias. , 1999, , 83-100.		0
173	Adsorption of a polyelectrolyte chain on a charged surface: a Monte Carlo simulation of scaling behaviour. Journal of Physics Condensed Matter, 1999, 11, 9907-9923.	1.8	24
174	Escape transition of a compressed polymer mushroom under good solvent conditions. Europhysics Letters, 1999, 47, 675-680.	2.0	33
175	Log-periodic oscillations for biased diffusion of a polymer chain in a porous medium. European Physical Journal B, 1999, 9, 659-667.	1.5	4
176	A Monte-Carlo study of equilibrium polymers in a shear flow. European Physical Journal B, 1999, 12, 241-251.	1.5	20
177	Escape transition of a polymer chain: Phenomenological theory and Monte Carlo simulations. Physical Chemistry Chemical Physics, 1999, 1, 2083-2091.	2.8	41
178	Formation of Surface Micelles from Adsorbed Asymmetric Block Copolymers:Â A Monte Carlo Study. Langmuir, 1999, 15, 3232-3241.	3.5	18
179	Monte Carlo simulation of micelle formation in block copolymer solutions. Macromolecular Theory and Simulations, 1998, 7, 649-658.	1.4	47
180	A polymer chain trapped between two parallel repulsive walls: A Monte-Carlo test of scaling behavior. European Physical Journal B, 1998, 3, 477-484.	1.5	82

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181	Computational confirmation of scaling predictions for equilibrium polymers. Europhysics Letters, 1998, 41, 291-296.	2.0	26
182	Tracer diffusion in a random barrier model: The crossover from static to dynamic disorder. Physical Review E, 1998, 58, 4299-4306.	2.1	2
183	Biased random walk in energetically disordered lattices. Physical Review E, 1998, 58, 2788-2795.	2.1	8
184	Dynamical Monte Carlo study of equilibrium polymers: Static properties. Journal of Chemical Physics, 1998, 109, 834-845.	3.0	93
185	Dewetting of thin polymer films adsorbed on solid substrates: A Monte Carlo simulation of the early stages. Journal of Chemical Physics, 1997, 106, 1978-1989.	3.0	60
186	Monte Carlo study of the molecular-weight distribution of living polymers. Physical Review E, 1997, 55, 2020-2022.	2.1	14
187	Effect of temperature on biased random walks in disordered media. Physical Review E, 1997, 56, R29-R31.	2.1	12
188	Polymer chain in a flow through a porous medium: A Monte Carlo simulation. Physical Review E, 1997, 56, 7043-7052.	2.1	9
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191	Crossover Dynamics for Polymer Simulation in Porous Media. Physical Review Letters, 1997, 79, 2356-2358.	7.8	23
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193	A monte carlo lattice study of living polymers in a confined geometry. Macromolecular Theory and Simulations, 1997, 6, 1177-1190.	1.4	17
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