Jorg Baschnagel

List of Publications by Year
in descending order

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170	6,761	57631	69108
papers	citations	44 h-index	77 g-index

172	172	172	3214
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Growing range of correlated motion in a polymer melt on cooling towards the glass transition. Nature, 1999, 399, 246-249.	13.7	374
2	Bridging the Gap Between Atomistic and Coarse-Grained Models of Polymers: Status and Perspectives. Advances in Polymer Science, 2000, , 41-156.	0.4	336
3	Computer simulations of supercooled polymer melts in the bulk and in confined geometry. Journal of Physics Condensed Matter, 2005, 17, R851-R953.	0.7	287
4	Glass transition of polymer melts: test of theoretical concepts by computer simulation. Progress in Polymer Science, 2003, 28, 115-172.	11.8	253
5	Molecular dynamics simulations of glassy polymers. Soft Matter, 2010, 6, 3430.	1.2	249
6	Reduction of the glass transition temperature in polymer films: A molecular-dynamics study. Physical Review E, 2002, 65, 021507.	0.8	199
7	Thickness-dependent reduction of the glass-transition temperature in thin polymer films with a free surface. Journal of Polymer Science, Part B: Polymer Physics, 2006, 44, 2951-2967.	2.4	173
8	Monte Carlo Simulation of Long Chain Polymer Melts:Â Crossover from Rouse to Reptation Dynamics. Macromolecules, 2001, 34, 1105-1117.	2.2	166
9	Molecular dynamics results on the pressure tensor of polymer films. Journal of Chemical Physics, 2000, 113, 4444-4453.	1.2	161
10	Intramolecular long-range correlations in polymer melts: The segmental size distribution and its moments. Physical Review E, 2007, 76, 011803.	0.8	124
11	Polymer-specific effects of bulk relaxation and stringlike correlated motion in the dynamics of a supercooled polymer melt. Journal of Chemical Physics, 2003, 119, 5290-5304.	1.2	123
12	Long Range Bond-Bond Correlations in Dense Polymer Solutions. Physical Review Letters, 2004, 93, 147801.	2.9	122
13	On the construction of coarseâ€grained models for linear flexible polymer chains: Distribution functions for groups of consecutive monomers. Journal of Chemical Physics, 1991, 95, 6014-6025.	1.2	115
14	Molecular-dynamics simulation of a glassy polymer melt: Rouse model and cage effect. Computational and Theoretical Polymer Science, 1999, 9, 217-226.	1.1	113
15	Frictional Forces between Strongly Compressed, Nonentangled Polymer Brushes: Molecular Dynamics Simulations and Scaling Theory. Langmuir, 2010, 26, 6418-6429.	1.6	106
16	Processing Pathways Decide Polymer Properties at the Molecular Level. Macromolecules, 2019, 52, 7146-7156.	2.2	105
17	Molecular-dynamics simulation of a glassy polymer melt: Incoherent scattering function. European Physical Journal B, 1999, 10, 323-334.	0.6	98
18	Static properties of end-tethered polymers in good solution: A comparison between different models. Journal of Chemical Physics, 2004, 120, 4012-4023.	1.2	95

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19	Modeling polyethylene with the bond fluctuation model. Journal of Chemical Physics, 1997, 106, 738-748.	1.2	90
20	The glass transition dynamics of polymer micronetwork colloids. A mode coupling analysis. Journal of Chemical Physics, 1997, 106, 3743-3756.	1.2	86
21	Entropy of glassy polymer melts: Comparison between Gibbs-DiMarzio theory and simulation. Physical Review E, 1996, 54, 1535-1543.	0.8	85
22	Monte Carlo simulation of models for single polyethylene coils. Macromolecules, 1992, 25, 3117-3124.	2.2	83
23	The influence of the cooling rate on the glass transition and the glassy state in three-dimensional dense polymer melts: a Monte Carlo study. Journal of Physics Condensed Matter, 1993, 5, 1597-1618.	0.7	83
24	Adsorption Transition of a Polymer Chain at a Weakly Attractive Surface: Monte Carlo Simulation of Off-Lattice Models. Macromolecular Theory and Simulations, 2002, 11, 985-995.	0.6	79
25	Investigating the influence of different thermodynamic paths on the structural relaxation in a glass-forming polymer melt. Journal of Physics Condensed Matter, 1999, 11, 2179-2192.	0.7	75
26	Simulation Studies on the Dynamics of Polymers at Interfaces. Annual Review of Materials Research, 1996, 26, 107-134.	5.5	74
27	Polymer films in the normal-liquid and supercooled state: a review of recent Monte Carlo simulation results. Advances in Colloid and Interface Science, 2001, 94, 197-227.	7.0	74
28	Shear modulus of simulated glass-forming model systems: Effects of boundary condition, temperature, and sampling time. Journal of Chemical Physics, 2013, 138, 12A533.	1.2	69
29	Modeling Dielectric Relaxation in Polymer Glass Simulations: Dynamics in the Bulk and in Supported Polymer Films. Macromolecules, 2008, 41, 7729-7743.	2.2	66
30	Structural aspects of a three-dimensional lattice model for the glass transition of polymer melts: a Monte Carlo simulation. Physica A: Statistical Mechanics and Its Applications, 1994, 204, 47-75.	1.2	65
31	Analysis of the incoherent intermediate scattering function in the framework of the idealized mode-coupling theory: A Monte Carlo study for polymer melts. Physical Review B, 1994, 49, 135-146.	1.1	61
32	Why polymer chains in a melt are not random walks. Europhysics Letters, 2007, 77, 56003.	0.7	61
33	On the Adsorption Process in Polymer Brushes:Â A Monte Carlo Study. Macromolecules, 1996, 29, 1433-1441.	2.2	57
34	Simulated glass-forming polymer melts: Glass transition temperature and elastic constants of the glassy state. European Physical Journal E, 2011, 34, 97.	0.7	57
35	Continuous-time random-walk approach to supercooled liquids. I. Different definitions of particle jumps and their consequences. Physical Review E, 2014, 89, 042603.	0.8	55
36	On the dynamics and disentanglement in thin and two-dimensional polymer films. European Physical Journal: Special Topics, 2007, 141, 167-172.	1.2	54

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37	Surface excess in dilute polymer solutions and the adsorption transition versus wetting phenomena. Journal of Chemical Physics, 2003, 118, 8489-8499.	1.2	53
38	Static properties of polymer melts in two dimensions. Journal of Chemical Physics, 2010, 132, .	1.2	51
39	Glassy dynamics of simulated polymer melts: Coherent scattering and van Hove correlation functions. European Physical Journal E, 2001, 5, 229-243.	0.7	50
40	Slow dynamics and glass transition in simulated free-standing polymer films: a possible relation between global and local glass transition temperatures. Journal of Physics Condensed Matter, 2007, 19, 205119.	0.7	50
41	Melt of polymer rings: The decorated loop model. Europhysics Letters, 2014, 105, 48005.	0.7	49
42	Phase separation of symmetrical polymer mixtures in thin-film geometry. Journal of Statistical Physics, 1995, 80, 1009-1031.	0.5	48
43	Static and dynamic properties of supercooled thin polymer films. European Physical Journal E, 2002, 8, 175-192.	0.7	48
44	Glassy dynamics of simulated polymer melts: Coherent scattering and van Hove correlation functions. European Physical Journal E, 2001, 5, 245-256.	0.7	47
45	Polymer-brush lubrication in the limit of strong compression. European Physical Journal E, 2010, 33, 307-311.	0.7	46
46	Dynamics of Polymer Melts above the Glass Transition:Â Monte Carlo Studies of the Bond Fluctuation Model. Macromolecules, 1997, 30, 3075-3085.	2.2	44
47	Computer Simulations of Polymers Close to Solid Interfaces: Some Selected Topics. Journal of Materials Science, 2003, 11, 159-173.	1.2	44
48	Structure and dynamics of thin polymer films: a case study with the bond-fluctuation model. Polymer, 2002, 43, 467-476.	1.8	42
49	Statics and Dynamics of Bidisperse Polymer Melts:â€‰ A Monte Carlo Study of the Bond-Fluctuation Model. Macromolecules, 1998, 31, 3856-3867.	2.2	40
50	Monte Carlo and molecular dynamics simulation of the glass transition of polymers. Journal of Physics Condensed Matter, 1999, 11, A47-A55.	0.7	40
51	Structural and conformational dynamics of supercooled polymer melts: Insights from first-principles theory and simulations. Physical Review E, 2007, 76, 051806.	0.8	40
52	Dynamics of Glassy Polymer Melts in Confined Geometry: A Monte Carlo Simulation. Journal De Physique, I, 1996, 6, 1271-1294.	1.2	40
53	Semiflexible Chains at Surfaces: Worm-Like Chains and beyond. Polymers, 2016, 8, 286.	2.0	36
54	Shear-stress relaxation and ensemble transformation of shear-stress autocorrelation functions. Physical Review E, 2015, 91, 022107.	0.8	35

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55	Molecular dynamics simulations of the chain dynamics in monodisperse oligomer melts and of the oligomer tracer diffusion in an entangled polymer matrix. Journal of Chemical Physics, 2010, 132, 194902.	1.2	33
56	Concentration profile near the surface of polymer mixtures: a Monte Carlo study. Polymer, 1996, 37, 297-304.	1.8	32
57	Dynamics of a supercooled polymer melt above the mode-coupling critical temperature: cage versus polymer-specific effects. Journal of Physics Condensed Matter, 2000, 12, 6365-6374.	0.7	32
58	Scale-Free Static and Dynamical Correlations in Melts of Monodisperse and Flory-Distributed Homopolymers. Journal of Statistical Physics, 2011, 145, 1017-1126.	0.5	32
59	Algebraic Displacement Correlation in Two-Dimensional Polymer Melts. Physical Review Letters, 2010, 105, 037802.	2.9	31
60	Polymer-Brush Lubricated Surfaces with Colloidal Inclusions under Shear Inversion. Physical Review Letters, 2011, 106, 168301.	2.9	31
61	Glass Transition in Polymer Melts: Study of Chain-Length Effects by Monte Carlo Simulation. Macromolecules, 1994, 27, 3658-3665.	2.2	30
62	Soft particle model for block copolymers. Journal of Chemical Physics, 2007, 127, 134905.	1.2	29
63	Mode-coupling approach to polymer diffusion in an unentangled melt. II. The effect of viscoelastic hydrodynamic interactions. Physical Review E, 2012, 85, 051807.	0.8	29
64	Simulation of Phase Transitions of Single Polymer Chains: Recent Advances. Macromolecular Symposia, 2006, 237, 128-138.	0.4	28
65	Monte Carlo simulation of the glass transition in polymer melts: extended mode-coupling analysis. Journal of Physics Condensed Matter, 1995, 7, 6761-6780.	0.7	27
66	Perimeter length and form factor in two-dimensional polymer melts. Physical Review E, 2009, 79, 050802.	0.8	27
67	Molecular dynamics simulations of concentrated polymer solutions in thin film geometry. I. Equilibrium properties near the glass transition. Journal of Chemical Physics, 2009, 131, 014902.	1.2	27
68	MD simulation of concentrated polymer solutions: Structural relaxation near the glass transition. European Physical Journal E, 2009, 28, 147-158.	0.7	27
69	Continuous-time random-walk approach to supercooled liquids. II. Mean-square displacements in polymer melts. Physical Review E, 2014, 89, 042604.	0.8	27
70	Confinement effects on the slow dynamics of a supercooled polymer melt: Rouse modes and the incoherent scattering function. European Physical Journal E, 2003, 12, 167-171.	0.7	26
71	Static Rouse modes and related quantities: Corrections to chain ideality in polymer melts. European Physical Journal E, 2008, 26, 25-33.	0.7	26
72	Molecular dynamics simulations of concentrated polymer solutions in thin film geometry. II. Solvent evaporation near the glass transition. Journal of Chemical Physics, 2009, 131, 014903.	1.2	26

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73	Mode-coupling approach to polymer diffusion in an unentangled melt. I. The effect of density fluctuations. Physical Review E, 2012, 85, 051806.	0.8	26
74	Structural properties of crystallizable polymer melts: Intrachain and interchain correlation functions. Physical Review E, 2007, 75, 041801.	0.8	25
75	Fluctuation-dissipation relation between shear stress relaxation modulus and shear stress autocorrelation function revisited. Molecular Physics, 2015, 113, 2881-2893.	0.8	25
76	Impulsive correction to the elastic moduli obtained using the stress-fluctuation formalism in systems with truncated pair potential. Physical Review E, 2012, 86, 046705.	0.8	23
77	Thermodynamic signature of the onset of caged dynamics in glass-forming liquids. Journal of Chemical Physics, 2002, 116, 865-868.	1.2	22
78	Static properties of a simulated supercooled polymer melt: Structure factors, monomer distributions relative to the center of mass, and triple correlation functions. Physical Review E, 2004, 69, 061801.	0.8	22
79	Simulated glass-forming polymer melts: Dynamic scattering functions, chain length effects, and mode-coupling theory analysis. European Physical Journal E, 2015, 38, 97.	0.7	22
80	Long-range stress correlations in viscoelastic and glass-forming fluids. Soft Matter, 2018, 14, 6835-6848.	1.2	22
81	Entropy theory and glass transition: A test by Monte Carlo simulation. Journal of Research of the National Institute of Standards and Technology, 1997, 102, 159.	0.4	21
82	Non-ideality of polymer melts confined to nanotubes. Europhysics Letters, 2011, 93, 48002.	0.7	20
83	Shear Modulus and Shear-Stress Fluctuations in Polymer Glasses. Physical Review Letters, 2017, 119, 147802.	2.9	20
84	Scale-free center-of-mass displacement correlations in polymer melts without topological constraints and momentum conservation: A bond-fluctuation model study. Journal of Chemical Physics, 2011, 134, 234901.	1.2	19
85	Monte Carlo simulation studies of the interfaces between polymeric and other solids as models for fiber-matrix interactions in advanced composite materials. Macromolecular Theory and Simulations, 1996, 5, 417-448.	0.6	18
86	Aging effects in glassy polymers: a Monte Carlo study. Physica A: Statistical Mechanics and Its Applications, 1996, 233, 117-131.	1.2	18
87	On the equation of state for thermal polymer solutions and melts. Journal of Chemical Physics, 1995, 103, 7166-7179.	1.2	17
88	A finite excluded volume bond-fluctuation model: Static properties of dense polymer melts revisited. Journal of Chemical Physics, 2009, 131, 064901.	1.2	17
89	Mechanical behavior of linear amorphous polymers: Comparison between molecular dynamics and finite-element simulations. Physical Review E, 2012, 85, 021808.	0.8	17
90	Communication: Pressure fluctuations in isotropic solids and fluids. Journal of Chemical Physics, 2013, 138, 191101.	1.2	16

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91	The Voronoi liquid. Europhysics Letters, 2015, 112, 66003.	0.7	16
92	Shear-stress fluctuations in self-assembled transient elastic networks. Physical Review E, 2016, 93, 062611.	0.8	16
93	Simulation of the glass transition in polymeric systems: Evidence for an underlying phase transition?. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 1998, 77, 591-608.	0.6	15
94	Molecular dynamics of supercooled polymer films. European Physical Journal Special Topics, 2000, 10, Pr7-239-Pr7-242.	0.2	15
95	Dynamical properties of the slithering-snake algorithm: A numerical test of the activated-reptation hypothesis. European Physical Journal E, 2003, 10, 369-385.	0.7	15
96	Molecular dynamics simulations of the scratch test on linear amorphous polymer surfaces: A study of the local friction coefficient. Wear, 2011, 271, 2751-2758.	1.5	15
97	Shear-stress fluctuations and relaxation in polymer glasses. Physical Review E, 2018, 97, 012502.	0.8	15
98	Monte-Carlo Simulation of 3-Dimensional Glassy Polymer Melts: Reptation Versus Single Monomer Dynamics. Journal De Physique II, 1995, 5, 1035-1052.	0.9	15
99	Dynamics near the glass transition in two-dimensional polymer melts: a Monte Carlo simulation study. Journal of Physics Condensed Matter, 1993, 5, 5731-5742.	0.7	14
100	Monte Carlo simulation of the glass transition in twoâ€•and threeâ€dimensional polymer melts: Influence of the spatial dimension. Journal of Chemical Physics, 1994, 101, 1616-1624.	1.2	14
101	Molecular dynamics simulations as a way to investigate the local physics of contact mechanics: a comparison between experimental data and numerical results. Journal Physics D: Applied Physics, 2010, 43, 455406.	1.3	14
102	Glass transition and relaxation behavior of supercooled polymer melts: An introduction to modeling approaches by molecular dynamics simulations and to comparisons with mode-coupling theory. , 2016, , 55-105.		14
103	Structure formation of supercooled polymers in confined geometries -- A molecular-dynamics simulation study. European Physical Journal E, 2003, 12, 147-151.	0.7	13
104	Numerical determination of shear stress relaxation modulus of polymer glasses. European Physical Journal E, 2017, 40, 43.	0.7	13
105	Dynamics of confined polymer melts : Recent Monte Carlo simulation results. European Physical Journal Special Topics, 2000, 10, Pr7-9-Pr7-14.	0.2	13
106	Hydrodynamic and viscoelastic effects in polymer diffusion. Journal of Physics Condensed Matter, 2012, 24, 284105.	0.7	12
107	Compressibility and pressure correlations in isotropic solids and fluids. European Physical Journal E, 2013, 36, 131.	0.7	12
108	Anomalous sound attenuation in Voronoi liquid. Journal of Chemical Physics, 2017, 146, 144502.	1.2	12

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109	Relaxation dynamics in supercooled oligomer liquids: From shear-stress fluctuations to shear modulus and structural correlations. Journal of Chemical Physics, 2019, 151, 054504.	1.2	12
110	Strictly two-dimensional self-avoiding walks: Density crossover scaling. Polymer Science - Series C, 2013, 55, 181-211.	0.8	10
111	Simple average expression for shear-stress relaxation modulus. Physical Review E, 2016, 93, 012103.	0.8	10
112	Glassy dynamics of a binary Voronoi fluid: a mode-coupling analysis. Journal of Physics Condensed Matter, 2021, 33, 064001.	0.7	10
113	The glass transition in polymer melts: a review of recent Monte Carlo results. Journal of Physics Condensed Matter, 1996, 8, 9599-9603.	0.7	9
114	Adsorption kinetics of a bidisperse polymer solution. European Physical Journal B, 1998, 6, 45-55.	0.6	9
115	Strictly two-dimensional self-avoiding walks: Thermodynamic properties revisited. European Physical Journal E, 2012, 35, 93.	0.7	9
116	On the internal temperature in polymer glass simulations. Journal of Chemical Physics, 1994, 101, 3326-3333.	1.2	8
117	The glass transition in polymer melts. Macromolecular Symposia, 1994, 81, 63-76.	0.4	8
118	Anomalous diffusion of polymers in supercooled melts near the glass transition. , 1999, , 124-139.		8
119	Gaussian ellipsoid model for confined polymer systems. Journal of Chemical Physics, 2002, 117, 4564-4577.	1.2	8
120	Glassy dynamics in thin polymer films: recent MD results. Journal of Non-Crystalline Solids, 2002, 307-310, 524-531.	1.5	8
121	Comment on â€œMolecular dynamics simulation study of nonconcatenated ring polymers in a melt. I. Staticsâ€•[J. Chem. Phys. 134, 204904 (2011)]. Journal of Chemical Physics, 2013, 139, 217101.	1.2	8
122	Glass formers display universal non-equilibrium dynamics on the level of single-particle jumps. Europhysics Letters, 2015, 109, 36004.	0.7	8
123	Continuous-time random-walk approach to supercooled liquids: Self-part of the van Hove function and related quantities. European Physical Journal E, 2018, 41, 71.	0.7	8
124	Composition fluctuations in polydisperse liquids: Glasslike effects well above the glass transition. Physical Review E, 2020, 102, 042611.	0.8	8
125	Translating molecular relaxations in non-equilibrated polymer melts into lifting macroscopic loads. Physical Review Materials, 2020, 4, .	0.9	8
126	Interchain Monomer Contact Probability in Two-Dimensional Polymer Solutions. Macromolecules, 2012, 45, 1646-1651.	2.2	7

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127	New conserved structural fields for supercooled liquids. European Physical Journal E, 2014, 37, 2.	0.7	7
128	What can we learn from the Monte Carlo simulation of the glass transition of polymer melts?. Computational Materials Science, 1995, 4, 309-316.	1.4	6
129	Bond formation and slow heterogeneous dynamics in adhesive spheres with long-ranged repulsion: Quantitative test of mode coupling theory. Physical Review E, 2007, 76, 031404.	0.8	6
130	Hyperbranched polymer stars with Gaussian chain statistics revisited. European Physical Journal E, 2014, 37, 12.	0.7	6
131	Marginally compact hyperbranched polymer trees. Soft Matter, 2017, 13, 2499-2512.	1.2	6
132	Ensemble fluctuations matter for variances of macroscopic variables. European Physical Journal E, 2021, 44, 13.	0.7	6
133	Theory of length-scale dependent relaxation moduli and stress fluctuations in glass-forming and viscoelastic liquids. Journal of Chemical Physics, 2022, 156, 164505.	1.2	6
134	Role of torsional potential in chain conformation, thermodynamics, and glass formation of simulated polybutadiene melts. Journal of Chemical Physics, 2022, 156, .	1.2	6
135	Monte Carlo simulation of stretched exponential relaxation near the glass transition. Phase Transitions, 1998, 65, 263-278.	0.6	5
136	On the Glass Transition in Polymer Films: Recent Monte Carlo Results. Materials Research Society Symposia Proceedings, 1998, 543, 157.	0.1	5
137	Voronoi glass-forming liquids: A structural study. Physical Review E, 2018, 97, 032132.	0.8	5
138	Shear-stress relaxation in free-standing polymer films. Physical Review E, 2018, 98, .	0.8	5
139	Relaxation moduli of glass-forming systems: temperature effects and fluctuations. Soft Matter, 2021, 17, 7867-7892.	1.2	5
140	General relations to obtain the time-dependent heat capacity from isothermal simulations. Journal of Chemical Physics, 2021, 154, 164501.	1.2	5
141	Fluctuations of non-ergodic stochastic processes. European Physical Journal E, 2021, 44, 54.	0.7	5
142	Simulation of Models for the Glass Transition: Is There Progress?. Lecture Notes in Physics, 2002, , 199-228.	0.3	5
143	Monte Carlo simulation of the glass transition in two- and three-dimensional polymer melts. Journal of Non-Crystalline Solids, 1994, 172-174, 384-390.	1.5	4
144	GLASS TRANSITION IN THIN POLYMER FILMS: A MOLECULAR DYNAMICS STUDY. International Journal of Modern Physics C, 2002, 13, 799-804.	0.8	4

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145	Distance Dependence of Angular Correlations in Dense Polymer Solutions. Macromolecules, 2010, 43, 1621-1628.	2.2	4
146	Computer simulation of the glass transition of polymer melts. , 1993, , 5-7.		3
147	Adsorption of a bidisperse polymer mixture onto a flat wall. Physical Review E, 1997, 55, 3072-3086.	0.8	3
148	Two-dimensional polymeric liquids and polymer stars: learning from conflicting theories. Journal of Statistical Mechanics: Theory and Experiment, 2014, 2014, P04024.	0.9	3
149	A novel interferometric method for the study of the viscoelastic properties of ultra-thin polymer films determined from nanobubble inflation. Review of Scientific Instruments, 2017, 88, 093901.	0.6	3
150	Monte Carlo simulation of the glass transition in polymer melts: An application of MCT. Transport Theory and Statistical Physics, 1995, 24, 1249-1268.	0.4	2
151	Monte Carlo simulation of the glass transition in polymeric systems: Recent developments. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 1995, 71, 583-596.	0.6	2
152	Molecular Dynamics Simulation of Confined Glass Forming Liquids. Materials Research Society Symposia Proceedings, 2000, 651, 1.	0.1	2
153	Commentary on â€œPolymer thin films and surfaces: Possible effects of capillary wavesâ€•by S. Herminghaus. II. European Physical Journal E, 2002, 8, 247-249.	0.7	2
154	Computer Simulation of the Glass Transition in Thin Films. AIP Conference Proceedings, 2004, , .	0.3	2
155	Non-extensivity of the chemical potential of polymer melts. European Physical Journal E, 2010, 31, 229-237.	0.7	2
156	Disentanglement of Two Single Polymer Chains: Contacts and Knots. ACS Macro Letters, 2016, 5, 740-744.	2.3	2
157	Molecular dynamics simulation of the capillary leveling of viscoelastic polymer films. Journal of Chemical Physics, 2017, 146, 203327.	1.2	2
158	Polymer Models on the Lattice. , 2004, , .		2
159	The memory of thin polymer films generated by spin coating. European Physical Journal E, 2022, 45, .	0.7	2
160	Monte Carlo simulation of the glass transition in three-dimensional dense polymer melts. Physica A: Statistical Mechanics and Its Applications, 1993, 201, 157-163.	1.2	1
161	Note: Scale-free center-of-mass displacement correlations in polymer films without topological constraints and momentum conservation. Journal of Chemical Physics, 2011, 135, 186101.	1.2	1
162	Diffusion of copolymers composed of monomers with drastically different friction factors in copolymer/homopolymer blends. Journal of Chemical Physics, 2017, 146, 054905.	1.2	1

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163	Optical nanoscopy characterization of nanofilms. Journal of Physics: Conference Series, 2017, 780, 012003.	0.3	1
164	Diffusion Processes. , 2013, , 63-129.		1
165	MONTE CARLO SIMULATION OF THE GLASS TRANSITION OF POLYMER MELTS: A TOOL FOR TESTING THEORETICAL CONCEPTS. , 1998, , .		1
166	Computer simulation of models for the structural glass transition. , 1997, , 22-43.		0
167	Monte Carlo simulations of the polymer glass transition: From the test of theories to material modeling. Macromolecular Symposia, 1997, 121, 111-121.	0.4	0
168	Computer Simulations of Polymers Close to Solid Interfaces: Some Selected Topics. ChemInform, 2004, 35, no.	0.1	0
169	Publisher's Note: Mechanical behavior of linear amorphous polymers: Comparison between molecular dynamics and finite-element simulations [Phys. Rev. E85, 021808 (2012)]. Physical Review E, 2012, 85, .	0.8	0
170	Simple models for strictly non-ergodic stochastic processes of macroscopic systems. European Physical Journal E, 2021, 44, 125.	0.7	0