Ludovic Berthier

List of Publications by Year
in descending order

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190	14,812	15504	20358
papers	citations	65 h-index	116 g-index

192	192	192	5386
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Theoretical perspective on the glass transition and amorphous materials. Reviews of Modern Physics, 2011, 83, 587-645.	45.6	1,605
2	Direct Experimental Evidence of a Growing Length Scale Accompanying the Glass Transition. Science, 2005, 310, 1797-1800.	12.6	721
3	Yield stress materials in soft condensed matter. Reviews of Modern Physics, 2017, 89, .	45.6	511
4	Universal Nature of Particle Displacements close to Glass and Jamming Transitions. Physical Review Letters, 2007, 99, 060604.	7.8	352
5	Probing the Equilibrium Dynamics of Colloidal Hard Spheres above the Mode-Coupling Glass Transition. Physical Review Letters, 2009, 102, 085703.	7.8	300
6	Nonequilibrium dynamics and fluctuation-dissipation relation in a sheared fluid. Journal of Chemical Physics, 2002, 116, 6228-6242.	3.0	257
7	Dynamical susceptibility of glass formers: Contrasting the predictions of theoretical scenarios. Physical Review E, 2005, 71, 041505.	2.1	243
8	Spontaneous and induced dynamic fluctuations in glass formers. I. General results and dependence on ensemble and dynamics. Journal of Chemical Physics, 2007, 126, 184503.	3.0	229
9	Spatial correlations in the dynamics of glassforming liquids: Experimental determination of their temperature dependence. Physical Review E, 2007, 76, 041510.	2.1	226
10	Non-equilibrium glass transitions in driven and active matter. Nature Physics, 2013, 9, 310-314.	16.7	226
11	Unified study of glass and jamming rheology in soft particle systems. Physical Review Letters, 2012, 109, 018301.	7.8	206
12	Shear Localization in a Model Glass. Physical Review Letters, 2003, 90, 095702.	7.8	203
13	Time and length scales in supercooled liquids. Physical Review E, 2004, 69, 020201.	2.1	202
14	A two-time-scale, two-temperature scenario for nonlinear rheology. Physical Review E, 2000, 61, 5464-5472.	2.1	200
15	Jamming Transitions in Amorphous Packings of Frictionless Spheres Occur over a Continuous Range of Volume Fractions. Physical Review Letters, 2010, 104, 165701.	7.8	198
16	Models and Algorithms for the Next Generation of Glass Transition Studies. Physical Review X, 2017, 7, .	8.9	195
17	Random critical point separates brittle and ductile yielding transitions in amorphous materials. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 6656-6661.	7.1	195
18	Dynamic Heterogeneity in Amorphous Materials. Physics Magazine, 0, 4, .	0.1	193

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19	Glass transition of dense fluids of hard and compressible spheres. Physical Review E, 2009, 80, 021502.	2.1	189
20	Non-monotonic temperature evolution of dynamic correlations in glass-forming liquids. Nature Physics, 2012, 8, 164-167.	16.7	189
21	Shearing a Glassy Material: Numerical Tests of Nonequilibrium Mode-Coupling Approaches and Experimental Proposals. Physical Review Letters, 2002, 89, 095702.	7.8	172
22	Dynamic Criticality in Glass-Forming Liquids. Physical Review Letters, 2004, 92, 185705.	7.8	163
23	Length scale for the onset of Fickian diffusion in supercooled liquids. Europhysics Letters, 2005, 69, 320-326.	2.0	163
24	Spontaneous and induced dynamic correlations in glass formers. II. Model calculations and comparison to numerical simulations. Journal of Chemical Physics, 2007, 126, 184504.	3.0	162
25	Geometrical aspects of aging and rejuvenation in the Ising spin glass:â€, A numerical study. Physical Review B, 2002, 66, .	3.2	155
26	Static point-to-set correlations in glass-forming liquids. Physical Review E, 2012, 85, 011102.	2.1	155
27	Nonperturbative Effect of Attractive Forces in Viscous Liquids. Physical Review Letters, 2009, 103, 170601.	7.8	139
28	Nonequilibrium Glassy Dynamics of Self-Propelled Hard Disks. Physical Review Letters, 2014, 112, 220602.	7.8	135
29	Facets of glass physics. Physics Today, 2016, 69, 40-46.	0.3	132
30	Nonequilibrium Equation of State in Suspensions of Active Colloids. Physical Review X, 2015, 5, .	8.9	131
31	Equilibrium Sampling of Hard Spheres up to the Jamming Density and Beyond. Physical Review Letters, 2016, 116, 238002.	7.8	127
32	Low-frequency vibrational modes of stable glasses. Nature Communications, 2019, 10, 26.	12.8	124
33	Compressing nearly hard sphere fluids increases glass fragility. Europhysics Letters, 2009, 86, 10001.	2.0	121
34	The Monte Carlo dynamics of a binary Lennard-Jones glass-forming mixture. Journal of Physics Condensed Matter, 2007, 19, 205130.	1.8	112
35	Predicting plasticity in disordered solids from structural indicators. Physical Review Materials, 2020, 4, .	2.4	112
36	Probing a Liquid to Glass Transition in Equilibrium. Physical Review Letters, 2013, 110, 245702.	7.8	108

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37	Nonequilibrium critical dynamics of the two-dimensionalXYmodel. Journal of Physics A, 2001, 34, 1805-1824.	1.6	107
38	Real space origin of temperature crossovers in supercooled liquids. Physical Review E, 2003, 68, 041201.	2.1	106
39	Disentangling glass and jamming physics in the rheology of soft materials. Soft Matter, 2013, 9, 7669.	2.7	106
40	Glassy dynamics of athermal self-propelled particles: Computer simulations and a nonequilibrium microscopic theory. Physical Review E, 2015, 91, 062304.	2.1	102
41	Configurational entropy measurements in extremely supercooled liquids that break the glass ceiling. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 11356-11361.	7.1	102
42	Growing timescales and lengthscales characterizing vibrations of amorphous solids. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 8397-8401.	7.1	99
43	Dynamic criticality at the jamming transition. Journal of Chemical Physics, 2013, 138, 12A507.	3.0	98
44	Structure and dynamics of glass formers: Predictability at large length scales. Physical Review E, 2007, 76, 041509.	2.1	97
45	Fluctuation-dissipation relation in a sheared fluid. Physical Review E, 2000, 63, 012503.	2.1	94
46	Clustering and heterogeneous dynamics in a kinetic Monte Carlo model of self-propelled hard disks. Physical Review E, 2014, 89, 062301.	2.1	89
47	Hyperuniform Density Fluctuations and Diverging Dynamic Correlations in Periodically Driven Colloidal Suspensions. Physical Review Letters, 2015, 114, 148301.	7.8	89
48	The role of attractive forces in viscous liquids. Journal of Chemical Physics, 2011, 134, 214503.	3.0	86
49	Macroscopic yielding in jammed solids is accompanied by a nonequilibrium first-order transition in particle trajectories. Physical Review E, 2016, 94, 022615.	2.1	86
50	Response function of coarsening systems. European Physical Journal B, 1999, 11, 635-641.	1.5	85
51	Amorphous silica modeled with truncated and screened Coulomb interactions: A molecular dynamics simulation study. Journal of Chemical Physics, 2007, 127, 114512.	3.0	83
52	Glassy dynamics in dense systems of active particles. Journal of Chemical Physics, 2019, 150, 200901.	3.0	82
53	Heterogeneous Diffusion in a Reversible Gel. Physical Review Letters, 2007, 98, 135503.	7.8	80
54	Microscopic theory of the jamming transition of harmonic spheres. Physical Review E, 2011, 84, 051103.	2.1	80

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55	Increasing the density melts ultrasoft colloidal glasses. Physical Review E, 2010, 82, 060501.	2.1	78
56	The nonequilibrium glassy dynamics of self-propelled particles. Soft Matter, 2016, 12, 7136-7149.	2.7	78
57	Heterogeneous Dynamics of Coarsening Systems. Physical Review Letters, 2004, 93, 115701.	7.8	77
58	Suppressed Compressibility at Large Scale in Jammed Packings of Size-Disperse Spheres. Physical Review Letters, 2011, 106, 120601.	7.8	75
59	Nontopographic description of inherent structure dynamics in glassformers. Journal of Chemical Physics, 2003, 119, 4367-4371.	3.0	74
60	Influence of the Glass Transition on the Liquid-Gas Spinodal Decomposition. Physical Review Letters, 2011, 106, 125702.	7.8	73
61	Finite-size effects in the dynamics of glass-forming liquids. Physical Review E, 2012, 86, 031502.	2.1	73
62	Zero-temperature glass transition in two dimensions. Nature Communications, 2019, 10, 1508.	12.8	72
63	Critical test of the mode-coupling theory of the glass transition. Physical Review E, 2010, 82, 031502.	2.1	71
64	Configurational entropy of glass-forming liquids. Journal of Chemical Physics, 2019, 150, 160902.	3.0	71
65	From single-particle to collective effective temperatures in an active fluid of self-propelled particles. Europhysics Letters, 2015, 111, 60006.	2.0	69
66	Glass transition of soft colloids. Physical Review E, 2018, 97, 040601.	2.1	69
67	Overlap fluctuations in glass-forming liquids. Physical Review E, 2013, 88, 022313.	2.1	68
68	Absence of Marginal Stability in a Structural Glass. Physical Review Letters, 2017, 119, 205501.	7.8	62
69	Superdiffusive, heterogeneous, and collective particle motion near the fluid-solid transition in athermal disordered materials. Europhysics Letters, 2010, 90, 20005.	2.0	61
70	Intermittent dynamics and logarithmic domain growth during the spinodal decomposition of a glass-forming liquid. Journal of Chemical Physics, 2014, 140, 164502.	3.0	61
71	Glass Stability Changes the Nature of Yielding under Oscillatory Shear. Physical Review Letters, 2020, 124, 225502.	7.8	60
72	Fluctuation-dissipation relations in the nonequilibrium critical dynamics of Ising models. Physical Review E, 2003, 68, 016116.	2.1	59

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73	How active forces influence nonequilibrium glass transitions. New Journal of Physics, 2017, 19, 125006.	2.9	57
74	Inhomogeneous shear flows in soft jammed materials with tunable attractive forces. Physical Review E, 2012, 85, 021503.	2.1	55
75	Origin of Ultrastability in Vapor-Deposited Glasses. Physical Review Letters, 2017, 119, 188002.	7.8	55
76	Finite-Size Scaling Analysis of the Glass Transition. Physical Review Letters, 2003, 91, 055701.	7.8	54
77	Numerical Study of a Fragile Three-Dimensional Kinetically Constrained Model. Journal of Physical Chemistry B, 2005, 109, 3578-3585.	2.6	54
78	Efficient Measurement of Linear Susceptibilities in Molecular Simulations: Application to Aging Supercooled Liquids. Physical Review Letters, 2007, 98, 220601.	7.8	54
79	Diverging viscosity and soft granular rheology in non-Brownian suspensions. Physical Review E, 2015, 91, 012203.	2.1	53
80	Efficient swap algorithms for molecular dynamics simulations of equilibrium supercooled liquids. Journal of Statistical Mechanics: Theory and Experiment, 2019, 2019, 064004.	2.3	51
81	Revisiting the slow dynamics of a silica melt using Monte Carlo simulations. Physical Review E, 2007, 76, 011507.	2.1	50
82	Dynamic light scattering measurements in the activated regime of dense colloidal hard spheres. Journal of Statistical Mechanics: Theory and Experiment, 2009, 2009, P07015.	2.3	50
83	Subdiffusion and intermittent dynamic fluctuations in the aging regime of concentrated hard spheres. Physical Review E, 2010, 82, 031503.	2.1	50
84	Microscopic Mean-Field Theory of the Jamming Transition. Physical Review Letters, 2011, 106, 135702.	7.8	50
85	Renormalization group study of a kinetically constrained model for strong glasses. Physical Review E, 2005, 71, 026128.	2.1	49
86	Gardner physics in amorphous solids and beyond. Journal of Chemical Physics, 2019, 151, 010901.	3.0	48
87	Novel approach to numerical measurements of the configurational entropy in supercooled liquids. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 11668-11672.	7.1	47
88	Depletion of Two-Level Systems in Ultrastable Computer-Generated Glasses. Physical Review Letters, 2020, 124, 225901.	7.8	47
89	Exploring the jamming transition over a wide range of critical densities. SciPost Physics, 2017, 3, .	4.9	47
90	Glassy systems under time-dependent driving forces: Application to slow granular rheology. Physical Review E, 2001, 63, 051302.	2.1	46

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91	Highly Nonlinear Dynamics in a Slowly Sedimenting Colloidal Gel. Physical Review Letters, 2011, 106, 118302.	7.8	46
92	Does the Adam-Gibbs relation hold in simulated supercooled liquids?. Journal of Chemical Physics, 2019, 151, 084504.	3.0	46
93	Aging dynamics of the Heisenberg spin glass. Physical Review B, 2004, 69, .	3.2	45
94	Evidence for a Disordered Critical Point in a Glass-Forming Liquid. Physical Review Letters, 2015, 114, 205701.	7.8	45
95	Thinning or thickening? Multiple rheological regimes in dense suspensions of soft particles. Europhysics Letters, 2014, 107, 28009.	2.0	44
96	Point-to-set lengths, local structure, and glassiness. Physical Review E, 2016, 94, 032605.	2.1	43
97	Crossovers in the dynamics of supercooled liquids probed by an amorphous wall. Physical Review E, 2014, 89, 052311.	2.1	42
98	Phase separation in a homogeneous shear flow: Morphology, growth laws, and dynamic scaling. Physical Review E, 2001, 63, 051503.	2.1	41
99	Testing â€œmicroscopicâ€•theories of glass-forming liquids. European Physical Journal E, 2011, 34, 96.	1.6	41
100	Sound attenuation in stable glasses. Soft Matter, 2019, 15, 7018-7025.	2.7	40
101	Anomalous structural evolution of soft particles: equibrium liquid state theory. Soft Matter, 2010, 6, 2970.	2.7	39
102	Nature of excitations and defects in structural glasses. Nature Communications, 2019, 10, 5102.	12.8	39
103	Density controls the kinetic stability of ultrastable glasses. Europhysics Letters, 2017, 119, 36003.	2.0	38
104	Can the glass transition be explained without a growing static length scale?. Journal of Chemical Physics, 2019, 150, 094501.	3.0	38
105	A random walk description of the heterogeneous glassy dynamics of attracting colloids. Journal of Physics Condensed Matter, 2008, 20, 244126.	1.8	37
106	Surfing on a critical line: Rejuvenation without chaos, memory without a hierarchical phase space. Europhysics Letters, 2002, 58, 35-41.	2.0	36
107	Ageing and ultra-slow equilibration in concentrated colloidal hard spheres. Journal of Physics Condensed Matter, 2005, 17, S3543-S3549.	1.8	36
108	Random pinning in glassy spin models with plaquette interactions. Physical Review E, 2012, 85, 021120.	2.1	36

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109	Microscopic origin of excess wings in relaxation spectra of supercooled liquids. Nature Physics, 2022, 18, 468-472.	16.7	36
110	Rejuvenation and Memory Effects in a Structural Glass. Physical Review Letters, 2019, 122, 255502.	7.8	35
111	Brittle yielding of amorphous solids at finite shear rates. Physical Review Materials, 2020, 4, .	2.4	35
112	Thermal fluctuations, mechanical response, and hyperuniformity in jammed solids. Physical Review E, 2015, 92, 012309.	2.1	34
113	Real-Space Application of the Mean-Field Description of Spin-Glass Dynamics. Physical Review Letters, 2001, 87, 087204.	7.8	33
114	Yield stress, heterogeneities and activated processes in soft glassy materials. Journal of Physics Condensed Matter, 2003, 15, S933-S943.	1.8	33
115	Marginally stable phases in mean-field structural glasses. Physical Review E, 2019, 99, 012107.	2.1	33
116	Static and dynamic length scales in a simple glassy plaquette model. Physical Review E, 2005, 72, 016103.	2.1	31
117	Equilibrium ultrastable glasses produced by random pinning. Journal of Chemical Physics, 2014, 141, 224503.	3.0	31
118	Equilibrium equation of state of a hard sphere binary mixture at very large densities using replica exchange Monte Carlo simulations. Journal of Chemical Physics, 2011, 134, 054504.	3.0	30
119	Does the configurational entropy of polydisperse particles exist?. Journal of Chemical Physics, 2017, 146, 014502.	3.0	30
120	Hierarchical Landscape of Hard Disk Glasses. Physical Review X, 2019, 9, .	8.9	30
121	A localization transition underlies the mode-coupling crossover of glasses. SciPost Physics, 2019, 7, .	4.9	29
122	Temperature cycles in the Heisenberg spin glass. Physical Review B, 2005, 71, .	3.2	28
123	Activated Aging Dynamics and Negative Fluctuation-Dissipation Ratios. Physical Review Letters, 2006, 96, 030602.	7.8	28
124	Non-equilibrium dynamics of spin facilitated glass models. Journal of Statistical Mechanics: Theory and Experiment, 2007, 2007, P07017-P07017.	2.3	28
125	When gel and glass meet: A mechanism for multistep relaxation. Physical Review E, 2010, 81, 040502.	2.1	28
126	Discontinuous fluidization transition in time-correlated assemblies of actively deforming particles. Physical Review E, 2017, 96, 050601.	2.1	27

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127	Efficient measurement of point-to-set correlations and overlap fluctuations in glass-forming liquids. Journal of Chemical Physics, 2016, 144, 024501.	3.0	26
128	Configurational entropy of polydisperse supercooled liquids. Journal of Chemical Physics, 2018, 149, 154501.	3.0	26
129	Discontinuous shear thickening in Brownian suspensions. Physical Review E, 2018, 98, 012609.	2.1	26
130	Scaling of the glassy dynamics of soft repulsive particles: A mode-coupling approach. Physical Review E, 2010, 81, 031505.	2.1	25
131	The melting of stable glasses is governed by nucleation-and-growth dynamics. Journal of Chemical Physics, 2016, 144, 244506.	3.0	24
132	Role of fluctuations in the yielding transition of two-dimensional glasses. Physical Review Research, 2020, 2, .	3.6	24
133	Ultra-long-range dynamic correlations in a microscopic model for aging gels. Physical Review E, 2017, 95, 060601.	2.1	23
134	Low-frequency vibrations of jammed packings in large spatial dimensions. Physical Review E, 2020, 101, 052906.	2.1	23
135	Lifetime of dynamic heterogeneity in strong and fragile kinetically constrained spin models. Journal of Physics Condensed Matter, 2005, 17, S3571-S3577.	1.8	22
136	Local order and crystallization of dense polydisperse hard spheres. Journal of Physics Condensed Matter, 2018, 30, 144004.	1.8	22
137	How to â€œmeasureâ€•a structural relaxation time that is too long to be measured?. Journal of Chemical Physics, 2020, 153, 044501.	3.0	22
138	Self-Induced Heterogeneity in Deeply Supercooled Liquids. Physical Review Letters, 2021, 127, 088002.	7.8	22
139	Phase Separation in a Chaotic Flow. Physical Review Letters, 2001, 86, 2014-2017.	7.8	21
140	Relaxation dynamics in a transient network fluid with competing gel and glass phases. Journal of Chemical Physics, 2015, 142, 174503.	3.0	20
141	Ultrastable Metallic Glasses InÂSilico. Physical Review Letters, 2020, 125, 085505.	7.8	20
142	Universal Relaxation Dynamics of Sphere Packings below Jamming. Physical Review Letters, 2020, 124, 058001.	7.8	20
143	Criticality and correlated dynamics at the irreversibility transition in periodically driven colloidal suspensions. Journal of Statistical Mechanics: Theory and Experiment, 2016, 2016, 033501.	2.3	20
144	Large-scale structure of randomly jammed spheres. Physical Review E, 2017, 95, 052125.	2.1	18

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145	Finite Dimensional Vestige of Spinodal Criticality above the Dynamical Glass Transition. Physical Review Letters, 2020, 125, 108001.	7.8	18
146	Comment on â€œSymmetrical Temperature-Chaos Effect with Positive and Negative Temperature Shifts in a Spin Glassâ€• Physical Review Letters, 2003, 90, 059701; author reply 059702.	7.8	17
147	Yield stress in amorphous solids: A mode-coupling-theory analysis. Physical Review E, 2013, 88, 052305.	2.1	16
148	Dynamic ultrametricity in spin glasses. Physical Review E, 2000, 63, 016105.	2.1	15
149	Spatially heterogeneous dynamics in a model for granular compaction. Physical Review E, 2005, 72, 010301.	2.1	15
150	Fluctuation-dissipation relations in plaquette spin systems with multi-stage relaxation. Journal of Statistical Mechanics: Theory and Experiment, 2006, 2006, P12005-P12005.	2.3	15
151	BrambillaetÂal.Reply:. Physical Review Letters, 2010, 104, .	7.8	15
152	Overview of different characterizations of dynamic heterogeneity. , 2011, , 68-109.		15
153	Front-Mediated Melting of Isotropic Ultrastable Glasses. Physical Review Letters, 2019, 123, 175501.	7.8	15
154	Bypassing sluggishness: SWAP algorithm and glassiness in high dimensions. Physical Review E, 2019, 99, 031301.	2.1	15
155	Reply to â€œComment on â€˜Fluctuation-dissipation relations in the nonequilibrium critical dynamics of Ising modelsâ€™â€• Physical Review E, 2004, 70, .	2.1	14
156	Reply to "Characterizing dynamic length scales in glass-forming liquids". Nature Physics, 2012, 8, 697-697.	16.7	14
157	Relaxation Dynamics of Non-Brownian Spheres Below Jamming. Journal of Statistical Physics, 2021, 182, 1.	1.2	14
158	Excess wings and asymmetric relaxation spectra in a facilitated trap model. Journal of Chemical Physics, 2021, 155, 064505.	3.0	14
159	Relaxation Dynamics in the Energy Landscape of Glass-Forming Liquids. Physical Review X, 2022, 12, .	8.9	14
160	Sub-aging in a domain growth model. European Physical Journal B, 2000, 17, 689-692.	1.5	12
161	Brambillaet al.Reply:. Physical Review Letters, 2010, 105, .	7.8	12
162	Random-field Ising model criticality in a glass-forming liquid. Physical Review E, 2020, 102, 042129.	2.1	12

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163	Spatial Correlations in Glass-Forming Liquids Across The Mode-Coupling Crossover. Physics Procedia, 2012, 34, 70-79.	1.2	11
164	Multiple symmetry sustaining phase transitions in spin ice. Physical Review B, 2019, 99, .	3.2	11
165	Analogies between growing dense active matter and soft driven glasses. Physical Review Research, 2020, 2, .	3.6	11
166	Time and length scales in spin glasses. Journal of Physics Condensed Matter, 2004, 16, S729-S734.	1.8	10
167	An efficient scheme for sampling fast dynamics at a low average data acquisition rate. Journal of Physics Condensed Matter, 2016, 28, 075201.	1.8	10
168	Statistical mechanics of coupled supercooled liquids in finite dimensions. SciPost Physics, 2022, 12, .	4.9	10
169	Dynamic heterogeneity in the Glauberâ€“Ising chain. Journal of Statistical Mechanics: Theory and Experiment, 2005, 2005, P05002.	2.3	9
170	Stable glassy configurations of the Kobâ€“Andersen model using swap Monte Carlo. Journal of Chemical Physics, 2020, 153, 134505.	3.0	9
171	On the overlap between configurations in glassy liquids. Journal of Chemical Physics, 2020, 153, 224502.	3.0	9
172	A Statistical Mechanics PerspectiveÂon Glasses and Aging. , 2021, , 1-68.		8
173	Static self-induced heterogeneity in glass-forming liquids: Overlap as a microscope. Journal of Chemical Physics, 2022, 156, .	3.0	8
174	Coriolis force in geophysics: an elementary introduction and examples. European Journal of Physics, 2000, 21, 359-366.	0.6	7
175	Structure and dynamics of coupled viscous liquids. Molecular Physics, 2015, 113, 2707-2715.	1.7	7
176	Energetics of clusters in the two-dimensional Gaussian Ising spin glass. Journal of Physics A, 2003, 36, 10835-10846.	1.6	6
177	Static and dynamic properties of a reversible gel. , 2009, , .		6
178	Glassy Behavior of Sticky Spheres: What Lies beyond Experimental Timescales?. Physical Review Letters, 2020, 125, 258004.	7.8	6
179	Can the jamming transition be described using equilibrium statistical mechanics?. Journal of Statistical Mechanics: Theory and Experiment, 2011, 2011, P01004.	2.3	5
180	Glasses and Aging, A Statistical Mechanics Perspective on. , 2022, , 229-296.		4

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181	Collective dynamics in a glass-former with Mariâ€“Kurchan interactions. Journal of Chemical Physics, 2022, 156, .	3.0	4
182	Rare events and disorder control the brittle yielding of well-annealed amorphous solids. Physical Review Research, 2022, 4, .	3.6	4
183	A few bubbles in a glass. , 2004, , .		2
184	Comment on â€œConstant Stress and Pressure Rheology of Colloidal Suspensionsâ€• Physical Review Letters, 2016, 116, 179801.	7.8	2
185	A consequence of local equilibration and heterogeneity in glassy materials. Journal of Physics A, 2003, 36, 10667-10681.	1.6	1
186	On the relaxation dynamics of glass-forming systems: Insights from computer simulations. , 2009, , .		1
187	Note: Physical mechanisms for the bulk melting of stable glasses. Journal of Chemical Physics, 2016, 145, 076101.	3.0	1
188	Violation of the fluctuation-dissipation theorem and effective temperatures in spin ice. Physical Review B, 2022, 105, .	3.2	1
189	Course 13 The slow dynamics of glassy materials: Insights from computer simulations. Les Houches Summer School Proceedings, 2007, 85, 473-482.	0.2	0
190	Ã€ la recherche du verre idÃ©al. Pourlascience Fr, 2022, NÂ° 534 â€“ avril, 64-71.	0.0	0