

Andrea J Liu

List of Publications by Year in descending order

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177
papers

15,230
citations

19657

61
h-index

18130

120
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182
all docs

182
docs citations

182
times ranked

9111
citing authors

#	ARTICLE	IF	CITATIONS
1	Jamming is not just cool any more. <i>Nature</i> , 1998, 396, 21-22.	27.8	1,632
2	Jamming at zero temperature and zero applied stress: The epitome of disorder. <i>Physical Review E</i> , 2003, 68, 011306.	2.1	1,282
3	The Jamming Transition and the Marginally Jammed Solid. <i>Annual Review of Condensed Matter Physics</i> , 2010, 1, 347-369.	14.5	636
4	Random Packings of Frictionless Particles. <i>Physical Review Letters</i> , 2002, 88, 075507.	7.8	505
5	Generalized Lévy walks and the role of chemokines in migration of effector CD8+ T cells. <i>Nature</i> , 2012, 486, 545-548.	27.8	483
6	The three-dimensional Ising model revisited numerically. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1989, 156, 35-76.	2.6	338
7	Counterion-Mediated Attraction between Two Like-Charged Rods. <i>Physical Review Letters</i> , 1997, 79, 1289-1292.	7.8	327
8	A structural approach to relaxation in glassy liquids. <i>Nature Physics</i> , 2016, 12, 469-471.	16.7	322
9	Vibrations and Diverging Length Scales Near the Unjamming Transition. <i>Physical Review Letters</i> , 2005, 95, 098301.	7.8	320
10	Vibrational Modes Identify Soft Spots in a Sheared Disordered Packing. <i>Physical Review Letters</i> , 2011, 107, 108302.	7.8	320
11	Identifying Structural Flow Defects in Disordered Solids Using Machine-Learning Methods. <i>Physical Review Letters</i> , 2015, 114, 108001.	7.8	301
12	Spotted vesicles, striped micelles and Janus assemblies induced by ligand binding. <i>Nature Materials</i> , 2009, 8, 843-849.	27.5	283
13	Force Distributions near Jamming and Glass Transitions. <i>Physical Review Letters</i> , 2001, 86, 111-114.	7.8	271
14	DNA Damage Follows Repair Factor Depletion and Portends Genome Variation in Cancer Cells after Pore Migration. <i>Current Biology</i> , 2017, 27, 210-223.	3.9	239
15	Entropic Corrections to the Flory-Huggins Theory of Polymer Blends: Architectural and Conformational Effects. <i>Macromolecules</i> , 1994, 27, 2503-2511.	4.8	233
16	Thermal vestige of the zero-temperature jamming transition. <i>Nature</i> , 2009, 459, 230-233.	27.8	232
17	Structure-property relationships from universal signatures of plasticity in disordered solids. <i>Science</i> , 2017, 358, 1033-1037.	12.6	218
18	Effective Temperatures of a Driven System Near Jamming. <i>Physical Review Letters</i> , 2002, 89, 095703.	7.8	201

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19	Heart-Specific Stiffening in Early Embryos Parallels Matrix and Myosin Expression to Optimize Beating. <i>Current Biology</i> , 2013, 23, 2434-2439.	3.9	176
20	Why is Random Close Packing Reproducible?. <i>Physical Review Letters</i> , 2007, 99, 155501.	7.8	171
21	Wetting transitions in a cylindrical pore. <i>Physical Review Letters</i> , 1990, 65, 1897-1900.	7.8	167
22	Finite-Size Scaling at the Jamming Transition. <i>Physical Review Letters</i> , 2012, 109, 095704.	7.8	164
23	Dynamics of Membranes Driven by Actin Polymerization. <i>Biophysical Journal</i> , 2006, 90, 454-469.	0.5	154
24	Statistical mechanics of a gas-fluidized particle. <i>Nature</i> , 2004, 427, 521-523.	27.8	147
25	Low-Frequency Vibrations of Soft Colloidal Glasses. <i>Physical Review Letters</i> , 2010, 105, 025501.	7.8	147
26	Anharmonic and quasi-localized vibrations in jammed solids—Modes for mechanical failure. <i>Europhysics Letters</i> , 2010, 90, 56001.	2.0	138
27	Nuclear rupture at sites of high curvature compromises retention of DNA repair factors. <i>Journal of Cell Biology</i> , 2018, 217, 3796-3808.	5.2	134
28	The onset of jamming as the sudden emergence of an infinite-core cluster. <i>Europhysics Letters</i> , 2006, 73, 560-566.	2.0	131
29	Designing allostery-inspired response in mechanical networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 2520-2525.	7.1	130
30	Anomalous Viscous Loss in Emulsions. <i>Physical Review Letters</i> , 1996, 76, 3017-3020.	7.8	129
31	Universal critical adsorption profile from optical experiments. <i>Physical Review A</i> , 1989, 40, 7202-7221.	2.5	115
32	Predicting plasticity in disordered solids from structural indicators. <i>Physical Review Materials</i> , 2020, 4, .	2.4	112
33	Effect of Non-Pairwise-Additive Interactions on Bundles of Rodlike Polyelectrolytes. <i>Physical Review Letters</i> , 1998, 81, 1011-1014.	7.8	111
34	Longitudinal analysis of Plasmodium sporozoite motility in the dermis reveals component of blood vessel recognition. <i>ELife</i> , 2015, 4, .	6.0	109
35	Activated Dynamics and Effective Temperature in a Steady State Sheared Glass. <i>Physical Review Letters</i> , 2007, 99, 195701.	7.8	107
36	Excess Vibrational Modes and the Boson Peak in Model Glasses. <i>Physical Review Letters</i> , 2007, 98, .	7.8	106

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37	Nuclear constriction segregates mobile nuclear proteins away from chromatin. <i>Molecular Biology of the Cell</i> , 2016, 27, 4011-4020.	2.1	104
38	Wetting and domain-growth kinetics in confined geometries. <i>Physical Review A</i> , 1992, 46, 7664-7679.	2.5	99
39	Measurement of Correlations between Low-Frequency Vibrational Modes and Particle Rearrangements in Quasi-Two-Dimensional Colloidal Glasses. <i>Physical Review Letters</i> , 2011, 107, 108301.	7.8	98
40	Structural polymorphism of the cytoskeleton: A model of linker-assisted filament aggregation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 3673-3678.	7.1	97
41	Statistics of shear-induced rearrangements in a two-dimensional model foam. <i>Physical Review E</i> , 1999, 60, 4385-4396.	2.1	95
42	Free energy functionals for semiflexible polymer solutions and blends. <i>Macromolecules</i> , 1993, 26, 2817-2824.	4.8	92
43	Structural signatures of the unjamming transition at zero temperature. <i>Physical Review E</i> , 2006, 73, 041304.	2.1	91
44	Energy Transport in Jammed Sphere Packings. <i>Physical Review Letters</i> , 2009, 102, 038001.	7.8	91
45	Solids between the mechanical extremes of order and disorder. <i>Nature Physics</i> , 2014, 10, 578-581.	16.7	86
46	Heat transport in model jammed solids. <i>Physical Review E</i> , 2010, 81, 021301.	2.1	85
47	Jamming in finite systems: Stability, anisotropy, fluctuations, and scaling. <i>Physical Review E</i> , 2014, 90, 022138.	2.1	85
48	Relationship between local structure and relaxation in out-of-equilibrium glassy systems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 263-267.	7.1	85
49	Auxetic metamaterials from disordered networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E1384-E1390.	7.1	83
50	Excitations of ellipsoid packings near jamming. <i>Europhysics Letters</i> , 2009, 87, 26001.	2.0	81
51	The Principle of Independent Bond-Level Response: Tuning by Pruning to Exploit Disorder for Global Behavior. <i>Physical Review Letters</i> , 2015, 114, 225501.	7.8	76
52	On the corrections to scaling in three-dimensional Ising models. <i>Journal of Statistical Physics</i> , 1990, 58, 431-442.	1.2	75
53	Divalent Cation-Dependent Formation of Electrostatic PIP2 Clusters in Lipid Monolayers. <i>Biophysical Journal</i> , 2011, 101, 2178-2184.	0.5	75
54	Normal modes in model jammed systems in three dimensions. <i>Physical Review E</i> , 2009, 79, 021308.	2.1	74

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55	Phase Behavior of Semiflexible Diblock Copolymers. <i>Macromolecules</i> , 1994, 27, 2974-2986.	4.8	73
56	Effect of Mono- and Multivalent Salts on Angle-Dependent Attractions Between Charged Rods. <i>Physical Review Letters</i> , 2004, 93, 128101.	7.8	72
57	Equivalence of Glass Transition and Colloidal Glass Transition in the Hard-Sphere Limit. <i>Physical Review Letters</i> , 2009, 103, 245701.	7.8	72
58	Elasticity and Response in Nearly Isostatic Periodic Lattices. <i>Physical Review Letters</i> , 2009, 103, 205503.	7.8	71
59	Kinetics of bundle growth in DNA condensation. <i>Europhysics Letters</i> , 1999, 46, 624-630.	2.0	70
60	Scaling ansatz for the jamming transition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 9745-9750.	7.1	67
61	Disconnecting structure and dynamics in glassy thin films. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 10601-10605.	7.1	66
62	Structural Properties of Defects in Glassy Liquids. <i>Journal of Physical Chemistry B</i> , 2016, 120, 6139-6146.	2.6	62
63	Machine learning determination of atomic dynamics at grain boundaries. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 10943-10947.	7.1	61
64	Effective Temperatures in Driven Systems: Static Versus Time-Dependent Relations. <i>Physical Review Letters</i> , 2004, 93, 165702.	7.8	60
65	Counterion Condensation in Solutions of Rigid Polyelectrolytes. <i>Macromolecules</i> , 1999, 32, 3481-3487.	4.8	56
66	Predicting plasticity with soft vibrational modes: From dislocations to glasses. <i>Physical Review E</i> , 2014, 89, 042304.	2.1	56
67	Effect of ordering on spinodal decomposition of liquid-crystal/polymer mixtures. <i>Physical Review E</i> , 1999, 60, R29-R32.	2.1	55
68	Heterogeneous CD8+ T Cell Migration in the Lymph Node in the Absence of Inflammation Revealed by Quantitative Migration Analysis. <i>PLoS Computational Biology</i> , 2015, 11, e1004058.	3.2	55
69	Wetting in a confined geometry: A Monte Carlo study. <i>Physical Review A</i> , 1991, 44, R7894-R7897.	2.5	50
70	Directed aging, memory, and nature's greed. <i>Science Advances</i> , 2019, 5, eaax4215.	10.3	50
71	Counterion-mediated, non-pairwise-additive attractions in bundles of like-charged rods. <i>Physical Review E</i> , 1999, 60, 803-813.	2.1	49
72	Emergent SO(3) Symmetry of the Frictionless Shear Jamming Transition. <i>Journal of Statistical Physics</i> , 2017, 167, 735-748.	1.2	49

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73	Effect of Random Packing on Stress Relaxation in Foam. <i>Journal of Physical Chemistry B</i> , 1997, 101, 8667-8671.	2.6	47
74	Phonons in two-dimensional soft colloidal crystals. <i>Physical Review E</i> , 2013, 88, 022315.	2.1	47
75	Mechanical signaling coordinates the embryonic heartbeat. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 8939-8944.	7.1	46
76	Limits of multifunctionality in tunable networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 2506-2511.	7.1	46
77	Mapping the glassy dynamics of soft spheres onto hard-sphere behavior. <i>Europhysics Letters</i> , 2011, 96, 36010.	2.0	45
78	Direct Determination of the Size of Basins of Attraction of Jammed Solids. <i>Physical Review Letters</i> , 2011, 106, 245502.	7.8	44
79	Association of two semiflexible polyelectrolytes by interchain linkers: Theory and simulations. <i>Journal of Chemical Physics</i> , 2002, 117, 462-480.	3.0	43
80	Phase Separation Kinetics of Rod/Coil Mixtures. <i>Macromolecules</i> , 1996, 29, 8000-8009.	4.8	41
81	Heterogeneous Activation, Local Structure, and Softness in Supercooled Colloidal Liquids. <i>Physical Review Letters</i> , 2019, 122, 028001.	7.8	40
82	Force-Velocity Relation for Actin-Polymerization-Driven Motility from Brownian Dynamics Simulations. <i>Biophysical Journal</i> , 2009, 97, 1295-1304.	0.5	39
83	Sheared foam as a supercooled liquid?. <i>Europhysics Letters</i> , 2000, 49, 68-74.	2.0	38
84	Chain Structure in Polyelectrolyte Solutions at Nonzero Concentrations. <i>Macromolecules</i> , 1997, 30, 1188-1193.	4.8	37
85	Velocity fluctuations in a steadily sheared model foam. <i>Physical Review E</i> , 2003, 67, 061503.	2.1	37
86	Stability of jammed packings I: the rigidity length scale. <i>Soft Matter</i> , 2013, 9, 10993.	2.7	37
87	Attractive versus truncated repulsive supercooled liquids: The dynamics is encoded in the pair correlation function. <i>Physical Review E</i> , 2020, 101, 010602.	2.1	37
88	Design of miscible polyolefin copolymer blends. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1995, 33, 1203-1212.	2.1	36
89	The Syncytial <i>Drosophila</i> Embryo as a Mechanically Excitable Medium. <i>PLoS ONE</i> , 2013, 8, e77216.	2.5	36
90	New Proposed Mechanism of Actin-Polymerization-Driven Motility. <i>Biophysical Journal</i> , 2008, 95, 4529-4539.	0.5	35

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91	Using Shape Anisotropy to Toughen Disordered Nanoparticle Assemblies. ACS Nano, 2013, 7, 8043-8050.	14.6	35
92	Divergence of Voronoi Cell Anisotropy Vector: A Threshold-Free Characterization of Local Structure in Amorphous Materials. Physical Review Letters, 2016, 116, 088001.	7.8	35
93	Influence of nematic fluctuations on the phase separation of polymer blends. Macromolecules, 1992, 25, 5551-5553.	4.8	34
94	Elastically Driven Linker Aggregation between Two Semiflexible Polyelectrolytes. Physical Review Letters, 2001, 86, 2182-2185.	7.8	34
95	Role of local response in manipulating the elastic properties of disordered solids by bond removal. Soft Matter, 2018, 14, 312-318.	2.7	34
96	Shear thickening in dilute solutions of wormlike micelles. Europhysics Letters, 2001, 55, 432-438.	2.0	34
97	Charge oscillations and many-body effects in bundles of like-charged rods. Physical Review E, 1998, 58, 6281-6286.	2.1	32
98	Universal jamming phase diagram in the hard-sphere limit. Physical Review E, 2011, 83, 031503.	2.1	32
99	Two Diverging Length Scales in the Structure of Jammed Packings. Physical Review Letters, 2018, 121, 115501.	7.8	32
100	Period proliferation in periodic states in cyclically sheared jammed solids. Physical Review E, 2017, 96, 020101.	2.1	30
101	Filament Depolymerization Can Explain Chromosome Pulling during Bacterial Mitosis. PLoS Computational Biology, 2011, 7, e1002145.	3.2	29
102	A random matrix definition of the boson peak. Europhysics Letters, 2015, 109, 36002.	2.0	29
103	Minimal model for collective kinetochore-microtubule dynamics. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 12699-12704.	7.1	28
104	Deformation-driven diffusion and plastic flow in amorphous granular pillars. Physical Review E, 2015, 91, 062212.	2.1	27
105	Demonstration of Decentralized Physics-Driven Learning. Physical Review Applied, 2022, 18, .	3.8	27
106	Granular and jammed materials. Soft Matter, 2010, 6, 2869.	2.7	26
107	Rotational and translational phonon modes in glasses composed of ellipsoidal particles. Physical Review E, 2011, 83, 011403.	2.1	26
108	Stability of jammed packings II: the transverse length scale. Soft Matter, 2013, 9, 11000.	2.7	26

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109	Opportunities in theoretical and computational polymeric materials and soft matter. <i>Soft Matter</i> , 2015, 11, 2326-2332.	2.7	25
110	Periodic training of creeping solids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 31690-31695.	7.1	25
111	Phase behavior of near-critical fluids confined in periodic gels. <i>Physical Review E</i> , 1997, 55, 539-543.	2.1	23
112	Phonon dispersion and elastic moduli of two-dimensional disordered colloidal packings of soft particles with frictional interactions. <i>Physical Review E</i> , 2014, 89, 012301.	2.1	23
113	Machine learning characterization of structural defects in amorphous packings of dimers and ellipses. <i>Physical Review E</i> , 2019, 99, 022903.	2.1	23
114	Reply to "Comment on "Jamming at zero temperature and zero applied stress: The epitome of disorder" <i>Physical Review E</i> , 2004, 70, .	2.1	22
115	Elastic-Fluid Model for DNA Damage and Mutation from Nuclear Fluid Segregation Due to Cell Migration. <i>Biophysical Journal</i> , 2017, 112, 2271-2279.	0.5	21
116	Supervised Learning in Physical Networks: From Machine Learning to Learning Machines. <i>Physical Review X</i> , 2021, 11, .	8.9	21
117	Pinning Susceptibility: The Effect of Dilute, Quenched Disorder on Jamming. <i>Physical Review Letters</i> , 2016, 116, 235501.	7.8	20
118	Elastoplasticity Mediates Dynamical Heterogeneity Below the Mode Coupling Temperature. <i>Physical Review Letters</i> , 2021, 127, 048002.	7.8	20
119	Effect of directed aging on nonlinear elasticity and memory formation in a material. <i>Physical Review Research</i> , 2020, 2, .	3.6	20
120	Spatial structure of states of self stress in jammed systems. <i>Soft Matter</i> , 2016, 12, 3982-3990.	2.7	19
121	Jamming mechanisms and density dependence in a kinetically constrained model. <i>Europhysics Letters</i> , 2010, 90, 26005.	2.0	18
122	Ha and Liu Reply:. <i>Physical Review Letters</i> , 1999, 83, 2681-2681.	7.8	17
123	Branching, Capping, and Severing in Dynamic Actin Structures. <i>Physical Review Letters</i> , 2007, 99, 058103.	7.8	17
124	Hidden Topological Structure of Flow Network Functionality. <i>Physical Review Letters</i> , 2021, 126, 028102.	7.8	17
125	Phase Behavior of Liquid Crystalline Polymer/Model Compound Mixtures: Theory and Experiment. <i>Macromolecules</i> , 1994, 27, 3955-3962.	4.8	16
126	Linking microscopic and macroscopic response in disordered solids. <i>Physical Review E</i> , 2018, 97, 063001.	2.1	16

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127	Contact nonlinearities and linear response in jammed particulate packings. <i>Physical Review E</i> , 2014, 90, 022201.	2.1	15
128	Revealing structure-function relationships in functional flow networks via persistent homology. <i>Physical Review Research</i> , 2020, 2, .	3.6	15
129	Scaling concepts in omics: Nuclear lamin-B scales with tumor growth and often predicts poor prognosis, unlike fibrosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	15
130	Critical Fluids in Porous Media. <i>MRS Bulletin</i> , 1994, 19, 19-24.	3.5	14
131	Concentration dependence of long-time tails in colloidal suspensions. <i>Physical Review E</i> , 1993, 48, 449-454.	2.1	13
132	Nematic-isotropic interfaces in semiflexible polymer blends. <i>Journal of Chemical Physics</i> , 1999, 111, 4334-4342.	3.0	13
133	Instabilities of Jammed Packings of Frictionless Spheres Under Load. <i>Physical Review Letters</i> , 2017, 119, 215502.	7.8	13
134	Transient learning degrees of freedom for introducing function in materials. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2117622119.	7.1	13
135	Temperature-Pressure Scaling for Air-Fluidized Grains near Jamming. <i>Physical Review Letters</i> , 2012, 108, 138001.	7.8	12
136	Quantifying the link between local structure and cellular rearrangements using information in models of biological tissues. <i>Soft Matter</i> , 2021, 17, 10242-10253.	2.7	12
137	Physical learning beyond the quasistatic limit. <i>Physical Review Research</i> , 2022, 4, .	3.6	12
138	Paramagnetic form factors for cubic itinerant electron systems. <i>Physical Review B</i> , 1988, 37, 289-295.	3.2	11
139	Polyamine-Induced Bundling of F-Actin. <i>Journal of Physical Chemistry B</i> , 2006, 110, 22279-22284.	2.6	11
140	Desynchronous learning in a physics-driven learning network. <i>Journal of Chemical Physics</i> , 2022, 156, 144903.	3.0	11
141	Kinetic heterogeneities at dynamical crossovers. <i>Europhysics Letters</i> , 2010, 90, 66004.	2.0	10
142	Tuning and jamming reduced to their minima. <i>Physical Review E</i> , 2019, 100, 052608.	2.1	10
143	Comment on "Repulsive Contact Interactions Make Jammed Particulate Systems Inherently Nonharmonic". <i>Physical Review Letters</i> , 2014, 112, 049801.	7.8	9
144	Interfaces in solutions of randomly charged rods. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1998, 259, 235-244.	2.6	8

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145	Density pair correlation functions for molecular liquids: Approximations for polymers. Journal of Chemical Physics, 1998, 109, 10499-10512.	3.0	8
146	Mechanical signaling via nonlinear wavefront propagation in a mechanically excitable medium. Physical Review E, 2014, 89, 062709.	2.1	8
147	Inferring statistical properties of 3D cell geometry from 2D slices. PLoS ONE, 2019, 14, e0209892.	2.5	8
148	Learning-based approach to plasticity in athermal sheared amorphous packings: Improving softness. APL Materials, 2021, 9, .	5.1	8
149	Control of actin-based motility through localized actin binding. Physical Biology, 2013, 10, 066004.	1.8	7
150	Disordered surface vibrations in jammed sphere packings. Soft Matter, 2015, 11, 2745-2751.	2.7	7
151	Correlation of plastic events with local structure in jammed packings across spatial dimensions. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2119006119.	7.1	7
152	Hydrodynamics of two-dimensional smectics on fluid surfaces. Physical Review Letters, 1993, 70, 2443-2446.	7.8	6
153	Effect of nonzero chain diameter on α -DNA condensation. Physical Review E, 2001, 63, 021503.	2.1	6
154	Strain fluctuations and elastic moduli in disordered solids. Physical Review E, 2015, 92, 022307.	2.1	6
155	Spectrum of structure for jammed and unjammed soft disks. Physical Review E, 2018, 98, .	2.1	6
156	Interplay of Rearrangements, Strain, and Local Structure during Avalanche Propagation. Physical Review X, 2021, 11, .	8.9	6
157	Probing Gardner Physics in an Active Quasithermal Pressure-Controlled Granular System of Noncircular Particles. Physical Review Letters, 2022, 128, .	7.8	6
158	Spectral dimension of elastic Sierpinski gaskets with general elastic forces. Physical Review B, 1985, 32, 4753-4755.	3.2	4
159	Anomalous diffusion on and elastic vibrations of two square hierarchical lattices. Physical Review B, 1986, 34, 343-346.	3.2	3
160	Theoretical paramagnetic form factors for hcp transition metals. Physical Review B, 1987, 36, 9521-9527.	3.2	3
161	Interfacial Properties of Isotropic Semi-Flexible Polymer Blends. Materials Research Society Symposia Proceedings, 1992, 290, 37.	0.1	3
162	Paramagnetic form factors from itinerant electron theory. Journal of Applied Physics, 1985, 57, 3027-3029.	2.5	1

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163	Paramagnetic form factors of hcp transition metals. Journal of Magnetism and Magnetic Materials, 1986, 54-57, 953-954.	2.3	1
164	Interaction between two polymer brushes in binary solvent mixture. Journal De Physique II, 1994, 4, 1417-1426.	0.9	1
165	Morphology Development in Liquid-Crystal/Polymer Mixtures. Liquid Crystals Today, 1997, 7, 1-7.	2.3	1
166	Tuning Allostery in Random Spring Networks. Biophysical Journal, 2016, 110, 54a.	0.5	1
167	Mechanical Signaling Coordinates the Embryonic Heartbeat. Biophysical Journal, 2016, 110, 120a.	0.5	1
168	Biography of William M. Gelbart. Journal of Physical Chemistry B, 2016, 120, 5789-5793.	2.6	1
169	Reply to the "Comment on "Spatial structure of states of self stress in jammed systems" by E. Lerner, Soft Matter, 2017, 13, DOI: 10.1039/c6sm01111j. Soft Matter, 2017, 13, 1532-1533.	2.7	1
170	A fast and accurate method for the calculation of orbital susceptibility and form factor of paramagnetic transition metals. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1988, 149, 134-138.	0.9	0
171	A Model for the Two-Phase Behavior of Fluids in Dilute Porous Media. Materials Research Society Symposia Proceedings, 1995, 407, 15.	0.1	0
172	Tension-Dependent Dynamic Microtubule Model for Metaphase and Anaphase Phenomena. Biophysical Journal, 2013, 104, 149a.	0.5	0
173	William M. Gelbart: An Appreciation. Journal of Physical Chemistry B, 2016, 120, 5787-5788.	2.6	0
174	Fluctuation distributions of energy minima in complex landscapes. Physical Review Research, 2021, 3, .	3.6	0
175	Jamming in Liquids and Granular Materials. Materials Research Society Symposia Proceedings, 2000, 627, 1.	0.1	0
176	The Properties of Jamming at Zero Temperature. , 2004, , 1-8.		0
177	Filament Depolymerization During Bacterial Mitosis. , 2013, , 71-94.		0