Andrea J Liu

List of Publications by Year
in descending order

177 papers	15,230 citations	19657 61 h-index	18130 120 g-index
182 all docs	182 docs citations	182 times ranked	9111 citing authors

#	Article	IF	Citations
1	Desynchronous learning in a physics-driven learning network. Journal of Chemical Physics, 2022, 156, 144903.	3.0	11
2	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
3	Transient learning degrees of freedom for introducing function in materials. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2117622119.	7.1	13
4	Physical learning beyond the quasistatic limit. Physical Review Research, 2022, 4, .	3.6	12
5	Probing Gardner Physics in an Active Quasithermal Pressure-Controlled Granular System of Noncircular Particles. Physical Review Letters, 2022, 128, .	7.8	6
6	Demonstration of Decentralized Physics-Driven Learning. Physical Review Applied, 2022, 18, .	3.8	27
7	Fluctuation distributions of energy minima in complex landscapes. Physical Review Research, 2021, 3, .	3.6	0
8	Hidden Topological Structure of Flow Network Functionality. Physical Review Letters, 2021, 126, 028102.	7.8	17
9	Quantifying the link between local structure and cellular rearrangements using information in models of biological tissues. Soft Matter, 2021, 17, 10242-10253.	2.7	12
10	Learning-based approach to plasticity in athermal sheared amorphous packings: Improving softness. APL Materials, 2021, 9, .	5.1	8
11	Supervised Learning in Physical Networks: From Machine Learning to Learning Machines. Physical Review X, 2021, 11, .	8.9	21
12	Elastoplasticity Mediates Dynamical Heterogeneity Below the Mode Coupling Temperature. Physical Review Letters, 2021, 127, 048002.	7.8	20
13	Interplay of Rearrangements, Strain, and Local Structure during Avalanche Propagation. Physical Review X, 2021, 11, .	8.9	6
14	Scaling concepts in â€˜omics: Nuclear lamin-B scales with tumor growth and often predicts poor prognosis, unlike fibrosis. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	15
15	Attractive versus truncated repulsive supercooled liquids: The dynamics is encoded in the pair correlation function. Physical Review E, 2020, 101, 010602.	2.1	37
16	Periodic training of creeping solids. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 31690-31695.	7.1	25
17	Predicting plasticity in disordered solids from structural indicators. Physical Review Materials, 2020, 4, .	2.4	112
18	Revealing structure-function relationships in functional flow networks via persistent homology. Physical Review Research, 2020, 2, .	3.6	15

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19	Effect of directed aging on nonlinear elasticity and memory formation in a material. Physical Review Research, 2020, 2, .	3.6	20
20	Limits of multifunctionality in tunable networks. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 2506-2511.	7.1	46
21	Machine learning characterization of structural defects in amorphous packings of dimers and ellipses. Physical Review E, 2019, 99, 022903.	2.1	23
22	Inferring statistical properties of 3D cell geometry from 2D slices. PLoS ONE, 2019, 14, e0209892.	2.5	8
23	Tuning and jamming reduced to their minima. Physical Review E, 2019, 100, 052608.	2.1	10
24	Directed aging, memory, and natureâ€™s greed. Science Advances, 2019, 5, eaax4215.	10.3	50
25	Heterogeneous Activation, Local Structure, and Softness in Supercooled Colloidal Liquids. Physical Review Letters, 2019, 122, 028001.	7.8	40
26	Auxetic metamaterials from disordered networks. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E1384-E1390.	7.1	83
27	Role of local response in manipulating the elastic properties of disordered solids by bond removal. Soft Matter, 2018, 14, 312-318.	2.7	34
28	Machine learning determination of atomic dynamics at grain boundaries. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 10943-10947.	7.1	61
29	Spectrum of structure for jammed and unjammed soft disks. Physical Review E, 2018, 98, .	2.1	6
30	Two Diverging Length Scales in the Structure of Jammed Packings. Physical Review Letters, 2018, 121, 115501.	7.8	32
31	Nuclear rupture at sites of high curvature compromises retention of DNA repair factors. Journal of Cell Biology, 2018, 217, 3796-3808.	5.2	134
32	Linking microscopic and macroscopic response in disordered solids. Physical Review E, 2018, 97, 063001.	2.1	16
33	Reply to the â€˜Comment on â€œSpatial structure of states of self stress in jammed systemsâ€â€™ by E. Lerner, Soft Matter, 2017,13, DOI: 10.1039/c6sm01111j. Soft Matter, 2017, 13, 1532-1533.	2.7	1
34	Designing allostery-inspired response in mechanical networks. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 2520-2525.	7.1	130
35	Elastic-Fluid Model for DNA Damage and Mutation from Nuclear Fluid Segregation Due to Cell Migration. Biophysical Journal, 2017, 112, 2271-2279.	0.5	21
36	Relationship between local structure and relaxation in out-of-equilibrium glassy systems. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 263-267.	7.1	85

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37	DNA Damage Follows Repair Factor Depletion and Portends Genome Variation in Cancer Cells after Pore Migration. Current Biology, 2017, 27, 210-223.	3.9	239
38	Disconnecting structure and dynamics in glassy thin films. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 10601-10605.	7.1	66
39	Period proliferation in periodic states in cyclically sheared jammed solids. Physical Review E, 2017, 96, 020101.	2.1	30
40	Structure-property relationships from universal signatures of plasticity in disordered solids. Science, 2017, 358, 1033-1037.	12.6	218
41	Instabilities of Jammed Packings of Frictionless Spheres Under Load. Physical Review Letters, 2017, 119, 215502.	7.8	13
42	Emergent SO(3) Symmetry of the Frictionless Shear Jamming Transition. Journal of Statistical Physics, 2017, 167, 735-748.	1.2	49
43	Tuning Allostery in Random Spring Networks. Biophysical Journal, 2016, 110, 54a.	0.5	1
44	Mechanical Signaling Coordinates the Embryonic Heartbeat. Biophysical Journal, 2016, 110, 120a.	0.5	1
45	Structural Properties of Defects in Glassy Liquids. Journal of Physical Chemistry B, 2016, 120, 6139-6146.	2.6	62
46	Biography of William M. Gelbart. Journal of Physical Chemistry B, 2016, 120, 5789-5793.	2.6	1
47	Scaling ansatz for the jamming transition. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 9745-9750.	7.1	67
48	Spatial structure of states of self stress in jammed systems. Soft Matter, 2016, 12, 3982-3990.	2.7	19
49	Pinning Susceptibility: The Effect of Dilute, Quenched Disorder on Jamming. Physical Review Letters, 2016, 116, 235501.	7.8	20
50	Mechanical signaling coordinates the embryonic heartbeat. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 8939-8944.	7.1	46
51	William M. Gelbart: An Appreciation. Journal of Physical Chemistry B, 2016, 120, 5787-5788.	2.6	0
52	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
53	Nuclear constriction segregates mobile nuclear proteins away from chromatin. Molecular Biology of the Cell, 2016, 27, 4011-4020.	2.1	104
54	A structural approach to relaxation in glassyÂliquids. Nature Physics, 2016, 12, 469-471.	16.7	322

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55	Deformation-driven diffusion and plastic flow in amorphous granular pillars. Physical Review E, 2015, 91, 062212.	2.1	27
56	Strain fluctuations and elastic moduli in disordered solids. Physical Review E, 2015, 92, 022307.	2.1	6
57	Identifying Structural Flow Defects in Disordered Solids Using Machine-Learning Methods. Physical Review Letters, 2015, 114, 108001.	7.8	301
58	The Principle of Independent Bond-Level Response: Tuning by Pruning to Exploit Disorder for Global Behavior. Physical Review Letters, 2015, 114, 225501.	7.8	76
59	Disordered surface vibrations in jammed sphere packings. Soft Matter, 2015, 11, 2745-2751.	2.7	7
60	Opportunities in theoretical and computational polymeric materials and soft matter. Soft Matter, 2015, 11, 2326-2332.	2.7	25
61	A random matrix definition of the boson peak. Europhysics Letters, 2015, 109, 36002.	2.0	29
62	Heterogeneous CD8+ T Cell Migration in the Lymph Node in the Absence of Inflammation Revealed by Quantitative Migration Analysis. PLoS Computational Biology, 2015, 11, e1004058.	3.2	55
63	Minimal model for collective kinetochoreâ€“microtubule dynamics. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 12699-12704.	7.1	28
64	Longitudinal analysis of Plasmodium sporozoite motility in the dermis reveals component of blood vessel recognition. ELife, 2015, 4, .	6.0	109
65	Predicting plasticity with soft vibrational modes: From dislocations to glasses. Physical Review E, 2014, 89, 042304.	2.1	56
66	Mechanical signaling via nonlinear wavefront propagation in a mechanically excitable medium. Physical Review E, 2014, 89, 062709.	2.1	8
67	Phonon dispersion and elastic moduli of two-dimensional disordered colloidal packings of soft particles with frictional interactions. Physical Review E, 2014, 89, 012301.	2.1	23
68	Contact nonlinearities and linear response in jammed particulate packings. Physical Review E, 2014, 90, 022201.	2.1	15
69	Comment on â€œRepulsive Contact Interactions Make Jammed Particulate Systems Inherently Nonharmonicâ€. Physical Review Letters, 2014, 112, 049801.	7.8	9
70	Jamming in finite systems: Stability, anisotropy, fluctuations, and scaling. Physical Review E, 2014, 90, 022138.	2.1	85
71	Solids between the mechanical extremes of order and disorder. Nature Physics, 2014, 10, 578-581.	16.7	86
72	Using Shape Anisotropy to Toughen Disordered Nanoparticle Assemblies. ACS Nano, 2013, 7, 8043-8050.	14.6	35

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73	Stability of jammed packings I: the rigidity length scale. Soft Matter, 2013, 9, 10993.	2.7	37
74	Stability of jammed packings II: the transverse length scale. Soft Matter, 2013, 9, 11000.	2.7	26
75	Heart-Specific Stiffening in Early Embryos Parallels Matrix and Myosin Expression to Optimize Beating. Current Biology, 2013, 23, 2434-2439.	3.9	176
76	Tension-Dependent Dynamic Microtubule Model for Metaphase and Anaphase Phenomena. Biophysical Journal, 2013, 104, 149a.	0.5	0
77	Control of actin-based motility through localized actin binding. Physical Biology, 2013, 10, 066004.	1.8	7
78	Phonons in two-dimensional soft colloidal crystals. Physical Review E, 2013, 88, 022315.	2.1	47
79	The Syncytial Drosophila Embryo as a Mechanically Excitable Medium. PLoS ONE, 2013, 8, e77216.	2.5	36
80	Filament Depolymerization During Bacterial Mitosis. , 2013, , 71-94.		0
81	Temperature-Pressure Scaling for Air-Fluidized Grains near Jamming. Physical Review Letters, 2012, 108, 138001.	7.8	12
82	Finite-Size Scaling at the Jamming Transition. Physical Review Letters, 2012, 109, 095704.	7.8	164
83	Generalized LÃ©vy walks and the role of chemokines in migration of effector CD8+ T cells. Nature, 2012, 486, 545-548.	27.8	483
84	Divalent Cation-Dependent Formation of Electrostatic PIP2 Clusters in Lipid Monolayers. Biophysical Journal, 2011, 101, 2178-2184.	0.5	75
85	Direct Determination of the Size of Basins of Attraction of Jammed Solids. Physical Review Letters, 2011, 106, 245502.	7.8	44
86	Mapping the glassy dynamics of soft spheres onto hard-sphere behavior. Europhysics Letters, 2011, 96, 36010.	2.0	45
87	Measurement of Correlations between Low-Frequency Vibrational Modes and Particle Rearrangements in Quasi-Two-Dimensional Colloidal Glasses. Physical Review Letters, 2011, 107, 108301.	7.8	98
88	Universal jamming phase diagram in the hard-sphere limit. Physical Review E, 2011, 83, 031503.	2.1	32
89	Vibrational Modes Identify Soft Spots in a Sheared Disordered Packing. Physical Review Letters, 2011, 107, 108302.	7.8	320
90	Rotational and translational phonon modes in glasses composed of ellipsoidal particles. Physical Review E, 2011, 83, 011403.	2.1	26

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91	Filament Depolymerization Can Explain Chromosome Pulling during Bacterial Mitosis. PLoS Computational Biology, 2011, 7, e1002145.	3.2	29
92	Kinetic heterogeneities at dynamical crossovers. Europhysics Letters, 2010, 90, 66004.	2.0	10
93	The Jamming Transition and the Marginally Jammed Solid. Annual Review of Condensed Matter Physics, 2010, 1, 347-369.	14.5	636
94	Low-Frequency Vibrations of Soft Colloidal Glasses. Physical Review Letters, 2010, 105, 025501.	7.8	147
95	Jamming mechanisms and density dependence in a kinetically constrained model. Europhysics Letters, 2010, 90, 26005.	2.0	18
96	Heat transport in model jammed solids. Physical Review E, 2010, 81, 021301.	2.1	85
97	Granular and jammed materials. Soft Matter, 2010, 6, 2869.	2.7	26
98	Anharmonic and quasi-localized vibrations in jammed solidsâ€"Modes for mechanical failure. Europhysics Letters, 2010, 90, 56001.	2.0	138
99	Normal modes in model jammed systems in three dimensions. Physical Review E, 2009, 79, 021308.	2.1	74
100	Equivalence of Glass Transition and Colloidal Glass Transition in the Hard-Sphere Limit. Physical Review Letters, 2009, 103, 245701.	7.8	72
101	Thermal vestige of the zero-temperature jamming transition. Nature, 2009, 459, 230-233.	27.8	232
102	Spotted vesicles, striped micelles and Janus assemblies induced by ligand binding. Nature Materials, 2009, 8, 843-849.	27.5	283
103	Force-Velocity Relation for Actin-Polymerization-Driven Motility from Brownian Dynamics Simulations. Biophysical Journal, 2009, 97, 1295-1304.	0.5	39
104	Energy Transport in Jammed Sphere Packings. Physical Review Letters, 2009, 102, 038001.	7.8	91
105	Elasticity and Response in Nearly Isostatic Periodic Lattices. Physical Review Letters, 2009, 103, 205503.	7.8	71
106	Excitations of ellipsoid packings near jamming. Europhysics Letters, 2009, 87, 26001.	2.0	81
107	New Proposed Mechanism of Actin-Polymerization-Driven Motility. Biophysical Journal, 2008, 95, 4529-4539.	0.5	35
108	Activated Dynamics and Effective Temperature in a Steady State Sheared Glass. Physical Review Letters, 2007, 99, 195701.	7.8	107

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109	Branching, Capping, and Severing in Dynamic Actin Structures. Physical Review Letters, 2007, 99, 058103.	7.8	17
110	Why is Random Close Packing Reproducible?. Physical Review Letters, 2007, 99, 155501.	7.8	171
111	Excess Vibrational Modes and the Boson Peak in Model Glasses. Physical Review Letters, 2007, 98, .	7.8	106
112	Polyamine-Induced Bundling of F-Actinâ€. Journal of Physical Chemistry B, 2006, 110, 22279-22284.	2.6	11
113	Dynamics of Membranes Driven by Actin Polymerization. Biophysical Journal, 2006, 90, 454-469.	0.5	154
114	Structural signatures of the unjamming transition at zero temperature. Physical Review E, 2006, 73, 041304.	2.1	91
115	The onset of jamming as the sudden emergence of an infinitek-core cluster. Europhysics Letters, 2006, 73, 560-566.	2.0	131
116	Structural polymorphism of the cytoskeleton: A model of linker-assisted filament aggregation. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 3673-3678.	7.1	97
117	Vibrations and Diverging Length Scales Near the Unjamming Transition. Physical Review Letters, 2005, 95, 098301.	7.8	320
118	Reply to â€œComment on â€˜Jamming at zero temperature and zero applied stress: The epitome of disorderâ€™â€‰â€•. Physical Review E, 2004, 70, .	2.1	22
119	Effect of Mono- and Multivalent Salts on Angle-Dependent Attractions Between Charged Rods. Physical Review Letters, 2004, 93, 128101.	7.8	72
120	Effective Temperatures in Driven Systems: Static Versus Time-Dependent Relations. Physical Review Letters, 2004, 93, 165702.	7.8	60
121	Statistical mechanics of a gas-fluidized particle. Nature, 2004, 427, 521-523.	27.8	147
122	The Properties of Jamming at Zero Temperature. , 2004, , 1-8.		0
123	Jamming at zero temperature and zero applied stress: The epitome of disorder. Physical Review E, 2003, 68, 011306.	2.1	1,282
124	Velocity fluctuations in a steadily sheared model foam. Physical Review E, 2003, 67, 061503.	2.1	37
125	Association of two semiflexible polyelectrolytes by interchain linkers: Theory and simulations. Journal of Chemical Physics, 2002, 117, 462-480.	3.0	43
126	Effective Temperatures of a Driven System Near Jamming. Physical Review Letters, 2002, 89, 095703.	7.8	201

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127	Random Packings of Frictionless Particles. Physical Review Letters, 2002, 88, 075507.	7.8	505
128	Force Distributions near Jamming and Glass Transitions. Physical Review Letters, 2001, 86, 111-114.	7.8	271
129	Effect of nonzero chain diameter on â€œDNAâ€•condensation. Physical Review E, 2001, 63, 021503.	2.1	6
130	Elastically Driven Linker Aggregation between Two Semiflexible Polyelectrolytes. Physical Review Letters, 2001, 86, 2182-2185.	7.8	34
131	Shear thickening in dilute solutions of wormlike micelles. Europhysics Letters, 2001, 55, 432-438.	2.0	34
132	Sheared foam as a supercooled liquid?. Europhysics Letters, 2000, 49, 68-74.	2.0	38
133	Jamming in Liquids and Granular Materials. Materials Research Society Symposia Proceedings, 2000, 627, 1.	0.1	0
134	Kinetics of bundle growth in DNA condensation. Europhysics Letters, 1999, 46, 624-630.	2.0	70
135	Effect of ordering on spinodal decomposition of liquid-crystal/polymer mixtures. Physical Review E, 1999, 60, R29-R32.	2.1	55
136	Nematic-isotropic interfaces in semiflexible polymer blends. Journal of Chemical Physics, 1999, 111, 4334-4342.	3.0	13
137	Ha and Liu Reply:. Physical Review Letters, 1999, 83, 2681-2681.	7.8	17
138	Counterion-mediated, non-pairwise-additive attractions in bundles of like-charged rods. Physical Review E, 1999, 60, 803-813.	2.1	49
139	Statistics of shear-induced rearrangements in a two-dimensional model foam. Physical Review E, 1999, 60, 4385-4396.	2.1	95
140	Counterion Condensation in Solutions of Rigid Polyelectrolytes. Macromolecules, 1999, 32, 3481-3487.	4.8	56
141	Jamming is not just cool any more. Nature, 1998, 396, 21-22.	27.8	1,632
142	Interfaces in solutions of randomly charged rods. Physica A: Statistical Mechanics and Its Applications, 1998, 259, 235-244.	2.6	8
143	Density pair correlation functions for molecular liquids: Approximations for polymers. Journal of Chemical Physics, 1998, 109, 10499-10512.	3.0	8
144	Effect of Non-Pairwise-Additive Interactions on Bundles of Rodlike Polyelectrolytes. Physical Review Letters, 1998, 81, 1011-1014.	7.8	111

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145	Charge oscillations and many-body effects in bundles of like-charged rods. Physical Review E, 1998, 58, 6281-6286.	2.1	32
146	Counterion-Mediated Attraction between Two Like-Charged Rods. Physical Review Letters, 1997, 79, 1289-1292.	7.8	327
147	Phase behavior of near-critical fluids confined in periodic gels. Physical Review E, 1997, 55, 539-543.	2.1	23
148	Morphology Development in Liquid-Crystal/Polymer Mixtures. Liquid Crystals Today, 1997, 7, 1-7.	2.3	1
149	Effect of Random Packing on Stress Relaxation in Foam. Journal of Physical Chemistry B, 1997, 101, 8667-8671.	2.6	47
150	Chain Structure in Polyelectrolyte Solutions at Nonzero Concentrations. Macromolecules, 1997, 30, 1188-1193.	4.8	37
151	Phase Separation Kinetics of Rod/Coil Mixtures. Macromolecules, 1996, 29, 8000-8009.	4.8	41
152	Anomalous Viscous Loss in Emulsions. Physical Review Letters, 1996, 76, 3017-3020.	7.8	129
153	A Model for the Two-Phase Behavior of Fluids in Dilute Porous Media. Materials Research Society Symposia Proceedings, 1995, 407, 15.	0.1	0
154	Design of miscible polyolefin copolymer blends. Journal of Polymer Science, Part B: Polymer Physics, 1995, 33, 1203-1212.	2.1	36
155	Interaction between two polymer brushes in binary solvent mixture. Journal De Physique II, 1994, 4, 1417-1426.	0.9	1
156	Critical Fluids in Porous Media. MRS Bulletin, 1994, 19, 19-24.	3.5	14
157	Entropic Corrections to the Flory-Huggins Theory of Polymer Blends: Architectural and Conformational Effects. Macromolecules, 1994, 27, 2503-2511.	4.8	233
158	Phase Behavior of Semiflexible Diblock Copolymers. Macromolecules, 1994, 27, 2974-2986.	4.8	73
159	Phase Behavior of Liquid Crystalline Polymer/Model Compound Mixtures: Theory and Experiment. Macromolecules, 1994, 27, 3955-3962.	4.8	16
160	Free energy functionals for semiflexible polymer solutions and blends. Macromolecules, 1993, 26, 2817-2824.	4.8	92
161	Concentration dependence of long-time tails in colloidal suspensions. Physical Review E, 1993, 48, 449-454.	2.1	13
162	Hydrodynamics of two-dimensional smectics on fluid surfaces. Physical Review Letters, 1993, 70, 2443-2446.	7.8	6

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163	Wetting and domain-growth kinetics in confined geometries. Physical Review A, 1992, 46, 7664-7679.	2.5	99
164	Interfacial Properties of Isotropic Semi-Flexible Polymer Blends. Materials Research Society Symposia Proceedings, 1992, 290, 37.	0.1	3
165	Influence of nematic fluctuations on the phase separation of polymer blends. Macromolecules, 1992, 25, 5551-5553.	4.8	34
166	Wetting in a confined geometry: A Monte Carlo study. Physical Review A, 1991, 44, R7894-R7897.	2.5	50
167	On the corrections to scaling in three-dimensional Ising models. Journal of Statistical Physics, 1990, 58, 431-442.	1.2	75
168	Wetting transitions in a cylindrical pore. Physical Review Letters, 1990, 65, 1897-1900.	7.8	167
169	The three-dimensional Ising model revisited numerically. Physica A: Statistical Mechanics and Its Applications, 1989, 156, 35-76.	2.6	338
170	Universal critical adsorption profile from optical experiments. Physical Review A, 1989, 40, 7202-7221.	2.5	115
171	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
172	Paramagnetic form factors for cubic itinerant electron systems. Physical Review B, 1988, 37, 289-295.	3.2	11
173	Theoretical paramagnetic form factors for hcp transition metals. Physical Review B, 1987, 36, 9521-9527.	3.2	3
174	Paramagnetic form factors of hcp transition metals. Journal of Magnetism and Magnetic Materials, 1986, 54-57, 953-954.	2.3	1
175	Anomalous diffusion on and elastic vibrations of two square hierarchical lattices. Physical Review B, 1986, 34, 343-346.	3.2	3
176	Paramagnetic form factors from itinerant electron theory. Journal of Applied Physics, 1985, 57, 3027-3029.	2.5	1
177	Spectral dimension of elastic Sierpinski gaskets with general elastic forces. Physical Review B, 1985, 32, 4753-4755.	3.2	4