Wilson C K Poon

List of Publications by Year
in descending order

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210 papers	17,112 citations	11639 70 h-index	15249 126 g-index
218 all docs	218 docs citations	218 times ranked	10177 citing authors

#	Article	IF	Citations
1	Probing the dynamics of turbid colloidal suspensions using differential dynamic microscopy. Soft Matter, 2022, 18, 1858-1867.	1.2	6
2	The rheology of confined colloidal hard disks. Journal of Chemical Physics, 2022, 156, 184902.	1.2	5
3	Rheological design of thickened alcohol-based hand rubs. Rheologica Acta, 2022, 61, 571-581.	1.1	3
4	Turning a yield-stress calcite suspension into a shear-thickening one by tuning inter-particle friction. Rheologica Acta, 2021, 60, 97-106.	1.1	17
5	Diffusion, phase behavior, and gelation in a two-dimensional layer of colloids in osmotic equilibrium with a polymer reservoir. Journal of Chemical Physics, 2021, 155, 074903.	1.2	1
6	Testing the Wyartâ€“Cates model for non-Brownian shear thickening using bidisperse suspensions. Soft Matter, 2020, 16, 229-237.	1.2	32
7	Soft matter science and the COVID-19 pandemic. Soft Matter, 2020, 16, 8310-8324.	1.2	51
8	Reactive Momentum Transfer Contributes to the Self-Propulsion of Janus Particles. Physical Review Letters, 2020, 124, 188001.	2.9	16
9	The role of friction in the yielding of adhesive non-Brownian suspensions. Journal of Rheology, 2020, 64, 405-412.	1.3	28
10	The 2020 motile active matter roadmap. Journal of Physics Condensed Matter, 2020, 32, 193001.	0.7	242
11	A combined rheometry and imaging study of viscosity reduction in bacterial suspensions. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 2326-2331.	3.3	42
12	Anisotropic dynamics and kinetic arrest of dense colloidal ellipsoids in the presence of an external field studied by differential dynamic microscopy. Science Advances, 2020, 6, eaaw9733.	4.7	27
13	Force chains and networks: wet suspensions through dry granular eyes. Granular Matter, 2020, 22, 1.	1.1	9
14	Dynamic optical rectification and delivery of active particles. Soft Matter, 2019, 15, 7026-7032.	1.2	7
15	Dynamical analysis of bacteria in microscopy movies. PLoS ONE, 2019, 14, e0217823.	1.1	6
16	Competing Timescales Lead to Oscillations in Shear-Thickening Suspensions. Physical Review Letters, 2019, 123, 038004.	2.9	17
17	Helical and oscillatory microswimmer motility statistics from differential dynamic microscopy. New Journal of Physics, 2019, 21, 063012.	1.2	8
18	Spontaneous shrinking of soft nanoparticles boosts their diffusion in confined media. Nature Communications, 2019, 10, 4294.	5.8	26

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19	Liquid Migration in Shear Thickening Suspensions Flowing through Constrictions. Physical Review Letters, 2019, 123, 128002.	2.9	7
20	Dynamics-dependent density distribution in active suspensions. Nature Communications, 2019, 10, 2321.	5.8	28
21	Conching chocolate is a prototypical transition from frictionally jammed solid to flowable suspension with maximal solid content. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 10303-10308.	3.3	47
22	High-throughput characterisation of bull semen motility using differential dynamic microscopy. PLoS ONE, 2019, 14, e0202720.	1.1	12
23	Hydrodynamics strongly affect the dynamics of colloidal gelation but not gel structure. Soft Matter, 2019, 15, 10-16.	1.2	22
24	Painting with light-powered bacteria. Nature Communications, 2018, 9, 768.	5.8	116
25	Bacteria as living patchy colloids: Phenotypic heterogeneity in surface adhesion. Science Advances, 2018, 4, eaao1170.	4.7	48
26	Constraint-Based Approach to Granular Dispersion Rheology. Physical Review Letters, 2018, 121, 128001.	2.9	54
27	A growing bacterial colony in two dimensions as an active nematic. Nature Communications, 2018, 9, 4190.	5.8	120
28	Hook length of the bacterial flagellum is optimized for maximal stability of the flagellar bundle. PLoS Biology, 2018, 16, e2006989.	2.6	31
29	Probing the Spatiotemporal Dynamics of Catalytic Janus Particles with Single-Particle Tracking and Differential Dynamic Microscopy. Physical Review Letters, 2018, 121, 078001.	2.9	72
30	Motile bacteria in a critical fluid mixture. Physical Review E, 2018, 97, 062604.	0.8	4
31	Thomas: The Apostle of Scientists. Theology and Science, 2017, 15, 203-213.	0.2	0
32	Ionic screening and dissociation are crucial for understanding chemical self-propulsion in polar solvents. Soft Matter, 2017, 13, 1200-1222.	1.2	95
33	When immiscible becomes miscibleâ€"Methane in water at high pressures. Science Advances, 2017, 3, e1700240.	4.7	39
34	Osmotaxis in Escherichia coli through changes in motor speed. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E7969-E7976.	3.3	30
35	Unsteady flow and particle migration in dense, non-Brownian suspensions. Journal of Rheology, 2016, 60, 905-916.	1.3	87
36	Colloids as big atoms: the genesis of a paradigm. Journal of Physics A: Mathematical and Theoretical, 2016, 49, 401001.	0.7	12

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37	Soft interfacial materials: from fundamentals to formulation. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2016, 374, 20150135.	1.6	2
38	What Is the â€˜Minimum Inhibitory Concentrationâ€™ (MIC) of Pexiganan Acting on Escherichia coli?â€”A Cautionary Case Study. Advances in Experimental Medicine and Biology, 2016, 915, 33-48.	0.8	28
39	Gravitational collapse of depletion-induced colloidal gels. Soft Matter, 2016, 12, 4300-4308.	1.2	43
40	Celebrating Soft Matter's 10th Anniversary: Simplicity in complexity â€“ towards a soft matter physics of caramel. Soft Matter, 2016, 12, 2757-2765.	1.2	8
41	Swimming in a crystal. Soft Matter, 2016, 12, 131-140.	1.2	97
42	Escherichia coli as a model active colloid: A practical introduction. Colloids and Surfaces B: Biointerfaces, 2016, 137, 2-16.	2.5	99
43	Resonant alignment of microswimmer trajectories in oscillatory shear flows. Physical Review Fluids, 2016, 1, .	1.0	8
44	Towards a Unified Description of the Rheology of Hard-Particle Suspensions. Physical Review Letters, 2015, 115, 088304.	2.9	194
45	Hydrodynamic and Contact Contributions to Continuous Shear Thickening in Colloidal Suspensions. Physical Review Letters, 2015, 115, 228304.	2.9	267
46	Creep and flow of glasses: strain response linked to the spatial distribution of dynamical heterogeneities. Scientific Reports, 2015, 5, 11884.	1.6	78
47	Tuning colloidal gels by shear. Soft Matter, 2015, 11, 4640-4648.	1.2	97
48	On polydispersity and the hard sphere glass transition. Soft Matter, 2015, 11, 324-330.	1.2	59
49	Avalanches mediate crystallization in a hard-sphere glass. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 75-80.	3.3	52
50	Flagellated bacterial motility in polymer solutions. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 17771-17776.	3.3	139
51	Filling an Emulsion Drop with Motile Bacteria. Physical Review Letters, 2014, 113, 268101.	2.9	61
52	Transient dynamics during stress overshoots in binary colloidal glasses. Soft Matter, 2014, 10, 6546-6555.	1.2	30
53	Ionic effects in self-propelled Pt-coated Janus swimmers. Soft Matter, 2014, 10, 4016-4027.	1.2	292
54	Solid-Like Domains in Mixed Lipid Bilayers. Behavior Research Methods, 2014, , 137-154.	2.3	1

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55	Switching of Swimming Modes in Magnetospirillium gryphiswaldense. Biophysical Journal, 2014, 106, 37-46.	0.2	29
56	Three-Dimensional Dynamics of a Eukaryotic Flagellum Revealed by High-Speed Holographic Microscopy. Biophysical Journal, 2013, 104, 213a-214a.	0.2	1
57	Slip of gels in colloidâ€“polymer mixtures under shear. Soft Matter, 2013, 9, 3237.	1.2	47
58	In search of colloidal hard spheres. Soft Matter, 2013, 9, 17-27.	1.2	220
59	Enhanced diffusion of nonswimmers in a three-dimensional bath of motile bacteria. Physical Review E, 2013, 88, 041002.	0.8	100
60	Colloidal gels under shear: Strain rate effects. , 2013, , .		7
61	Phase separation and rotor self-assembly in active particle suspensions. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 4052-4057.	3.3	258
62	Differential Dynamic Microscopy for Anisotropic Colloidal Dynamics. Langmuir, 2012, 28, 4618-4624.	1.6	74
63	On measuring colloidal volume fractions. Soft Matter, 2012, 8, 21-30.	1.2	181
64	Wall slip and flow of concentrated hard-sphere colloidal suspensions. Journal of Rheology, 2012, 56, 1005-1037.	1.3	100
65	Aggregation by depletion attraction in cultures of bacteria producing exopolysaccharide. Journal of the Royal Society Interface, 2012, 9, 3490-3502.	1.5	72
66	Differential Dynamic Microscopy: A High-Throughput Method for Characterizing the Motility of Microorganisms. Biophysical Journal, 2012, 103, 1637-1647.	0.2	116
67	From compact to fractal crystalline clusters in concentrated systems of monodisperse hard spheres. Soft Matter, 2012, 8, 4960.	1.2	27
68	Crystallization and aging in hard-sphere glasses. Journal of Physics Condensed Matter, 2011, 23, 194117.	0.7	18
69	Migration of Chemotactic Bacteria in Soft Agar: Role of Gel Concentration. Biophysical Journal, 2011, 101, 525-534.	0.2	76
70	Small-world rheology: an introduction to probe-based active microrheology. Physical Chemistry Chemical Physics, 2011, 13, 10617.	1.3	94
71	Polydispersity effects in colloidâ€“polymer mixtures. Journal of Physics Condensed Matter, 2011, 23, 194116.	0.7	15
72	Differential Dynamic Microscopy of Bacterial Motility. Physical Review Letters, 2011, 106, 018101.	2.9	165

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73	A Self-Quenched Defect Glass in a Colloid-Nematic Liquid Crystal Composite. Science, 2011, 334, 79-83.	6.0	139
74	Finding bridges in packings of colloidal spheres. Soft Matter, 2011, 7, 684-690.	1.2	16
75	Interdisciplinary reflections: The case of physics and biology. Studies in History and Philosophy of Science Part C:Studies in History and Philosophy of Biological and Biomedical Sciences, 2011, 42, 115-118.	0.8	8
76	Crystallization and aging in hard-sphere glasses. Journal of Physics Condensed Matter, 2011, 23, 319501.	0.7	2
77	Crystallization Mechanism of Hard Sphere Glasses. Physical Review Letters, 2011, 106, 215701.	2.9	65
78	Microrheology and the fluctuation theorem in dense colloids. Europhysics Letters, 2011, 93, 58007.	0.7	37
79	Does Gravity Cause Load-Bearing Bridges in Colloidal and Granular Systems?. Physical Review Letters, 2011, 107, 038302.	2.9	15
80	Polymer-induced phase separation in suspensions of bacteria. Europhysics Letters, 2010, 89, 68003.	0.7	42
81	Overexpression of the singleâ€stranded DNAâ€binding protein (SSB) stabilises CAGâ€¢CTG triplet repeats in an orientation dependent manner. FEBS Letters, 2010, 584, 153-158.	1.3	8
82	Shear Banding and Flow-Concentration Coupling in Colloidal Glasses. Physical Review Letters, 2010, 105, 268301.	2.9	170
83	Polymer-induced phase separation in Escherichia coli suspensions. Soft Matter, 2010, 6, 4540.	1.2	30
84	Quantitative Imaging of Concentrated Suspensions Under Flow. Advances in Polymer Science, 2010, , 163-202.	0.4	11
85	Liquids, Biopolymers, and Evolvability. , 2010, , 291-299.		1
86	Colloidal glasses and gels: The interplay of bonding and caging. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 15203-15208.	3.3	150
87	Quantitative imaging of colloidal flows. Advances in Colloid and Interface Science, 2009, 146, 1-17.	7.0	114
88	Passive and Active Microrheology of Hard-sphere Colloids. Journal of Physical Chemistry B, 2009, 113, 3806-3812.	1.2	88
89	Hard spheres: crystallization and glass formation. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2009, 367, 4993-5011.	1.6	191
90	Velocity Oscillations in Microfluidic Flows of Concentrated Colloidal Suspensions. Physical Review Letters, 2009, 102, 058302.	2.9	70

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91	Crystallization of Hard-Sphere Glasses. Physical Review Letters, 2009, 103, 135704.	2.9	174
92	Colloids, grains and dense suspensions: under flow and under arrest. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2009, 367, 4989-4991.	1.6	3
93	Yielding behavior of repulsion- and attraction-dominated colloidal glasses. Journal of Rheology, 2008, 52, 649-676.	1.3	249
94	Slip and Flow of Hard-Sphere Colloidal Glasses. Physical Review Letters, 2008, 101, 258301.	2.9	91
95	Phase diagram for a mixture of colloids and polymers with equal size. Europhysics Letters, 2008, 82, 68002.	0.7	36
96	Nonequilibrium Phase Transition in the Sedimentation of Reproducing Particles. Physical Review Letters, 2008, 101, 100602.	2.9	14
97	Adhesion promotes phase separation in mixed-lipid membranes. Europhysics Letters, 2008, 84, 48003.	0.7	55
98	Protein phase behavior and crystallization: Effect of glycerol. Journal of Chemical Physics, 2007, 127, 125102.	1.2	45
99	Model of hyphal tip growth involving microtubule-based transport. Physical Review E, 2007, 75, 031909.	0.8	73
100	Optical tweezer micromanipulation of filamentous fungi. Fungal Genetics and Biology, 2007, 44, 1-13.	0.9	38
101	Spinodal Decomposition in a Model Colloid-Polymer Mixture in Microgravity. Physical Review Letters, 2007, 99, 205701.	2.9	81
102	Three-Dimensional Imaging of Colloidal Glasses under Steady Shear. Physical Review Letters, 2007, 99, 028301.	2.9	209
103	Shear Zones and Wall Slip in the Capillary Flow of Concentrated Colloidal Suspensions. Physical Review Letters, 2007, 98, 198305.	2.9	94
104	Emulsification of Partially Miscible Liquids Using Colloidal Particles:Â Nonspherical and Extended Domain Structures. Langmuir, 2007, 23, 5984-5994.	1.6	73
105	Yielding and crystallization of colloidal gels under oscillatory shear. Physical Review E, 2007, 76, 041402.	0.8	70
106	A finite-cluster phase in Î»-DNA-coated colloids. Soft Matter, 2007, 3, 703-706.	1.2	30
107	Bicontinuous emulsions stabilized solely by colloidal particles. Nature Materials, 2007, 6, 966-971.	13.3	389
108	Yielding of colloidal glasses. Europhysics Letters, 2006, 75, 624-630.	0.7	163

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109	Effect of salt on the phase behaviour of F68 triblock PEO/PPO/PEO copolymer. Journal of Physics Condensed Matter, 2006, 18, 4461-4470.	0.7	25
110	Linear and nonlinear microrheology of dense colloidal suspensions. , 2006, , .		0
111	Experimental studies of the flow of concentrated hard sphere suspensions into a constriction. Journal of Physics: Conference Series, 2006, 40, 124-132.	0.3	23
112	Lipid organization and the morphology of solid-like domains in phase-separating binary lipid membranes. Journal of Physics Condensed Matter, 2006, 18, L415-L420.	0.7	26
113	Glasses under high pressure: a link to colloidal science?. Journal of Physics Condensed Matter, 2006, 18, L465-L469.	0.7	14
114	Controlling protein retention on enzyme-responsive surfaces. Surface and Interface Analysis, 2006, 38, 1505-1511.	0.8	21
115	Protein crystallization in vivo. Current Opinion in Colloid and Interface Science, 2006, 11, 40-46.	3.4	95
116	Non-equilibrium behavior of sticky colloidal particles: beads, clusters and gels. European Physical Journal E, 2005, 16, 77-80.	0.7	57
117	Solid-like domains in fluid membranes. Journal of Physics Condensed Matter, 2005, 17, S3341-S3346.	0.7	15
118	Colloid-stabilized emulsions: behaviour as the interfacial tension is reduced. Journal of Physics Condensed Matter, 2005, 17, S3433-S3438.	0.7	26
119	DNA bending by M.EcoKI methyltransferase is coupled to nucleotide flipping. Nucleic Acids Research, 2005, 33, 3235-3244.	6.5	35
120	Formation of Self-Supporting Reversible Cellular Networks in Suspensions of Colloids and Liquid Crystals. Langmuir, 2005, 21, 4921-4930.	1.6	31
121	Network formation in colloidâ€“liquid crystal mixtures studied by confocal microscopy. Journal of Physics Condensed Matter, 2004, 16, S1901-S1909.	0.7	17
122	Crystallization of a Globular Protein in Lipid Cubic Phase. Physical Review Letters, 2004, 92, 128102.	2.9	18
123	Glasses in hard spheres with short-range attraction. Physical Review E, 2004, 69, 011503.	0.8	202
124	PHYSICS: Colloids as Big Atoms. Science, 2004, 304, 830-831.	6.0	194
125	Clusters and gels in systems of sticky particles. Journal of Physics Condensed Matter, 2004, 16, S4913-S4922.	0.7	83
126	Colloidal Glasses. MRS Bulletin, 2004, 29, 96-99.	1.7	32

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127	Self-Supporting Liquid Crystal Composite. Molecular Crystals and Liquid Crystals, 2004, 409, 59-68.	0.4	8
128	Equilibrium cluster formation in concentrated protein solutions and colloids. Nature, 2004, 432, 492-495.	13.7	958
129	The origin of network formation in colloidâ€“liquid crystal composites. Journal of Physics Condensed Matter, 2004, 16, L227-L233.	0.7	23
130	Cluster Mode-Coupling Approach to Weak Gelation in Attractive Colloids. Physical Review Letters, 2004, 92, 148302.	2.9	130
131	Theory and simulation of gelation, arrest and yielding in attracting colloids. Journal of Physics Condensed Matter, 2004, 16, S4861-S4875.	0.7	71
132	Study of DNA deformation under flow using optical tweezers. , 2004, , .		0
133	Condensation of hydrodynamically stretched DNA using single-molecule fluorescence imaging and optical tweezers. , 2004, , .		1
134	Contact Experiments in Colloidâ^'Polymer Mixtures. Langmuir, 2003, 19, 2606-2611.	1.6	1
135	Gelation in Model Colloidâ^'Polymer Mixtures. Langmuir, 2003, 19, 4493-4503.	1.6	176
136	Two magnets and a ball bearing: A simple demonstration of the method of images. American Journal of Physics, 2003, 71, 943-947.	0.3	4
137	Phase behavior and crystallization kinetics of poly-12-hydroxystearic-coated polymethylmethacrylate colloids. Physical Review E, 2003, 67, 020401.	0.8	24
138	ÂUnstickingÂ a colloidal glass, and sticking it again. Journal of Physics Condensed Matter, 2003, 15, S269-S275.	0.7	19
139	Structural aging of crystals of hard-sphere colloids. Physical Review E, 2002, 66, 021408.	0.8	58
140	Soft condensed matter: where physics meets biology*. Physics Education, 2002, 37, 25-33.	0.3	6
141	Collapse of transient gels in colloid-polymer mixtures. Journal of Physics Condensed Matter, 2002, 14, 2485-2505.	0.7	62
142	Self-supporting liquid crystal composite. , 2002, , .		0
143	Effects of Phase Behavior on the Drying of Colloidal Suspensions. Langmuir, 2002, 18, 1626-1633.	1.6	70
144	Multiple Glassy States in a Simple Model System. Science, 2002, 296, 104-106.	6.0	703

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145	Mixtures of Colloids and Wormlike Micelles:Â Phase Behavior and Kinetics. Langmuir, 2002, 18, 4248-4257.	1.6	36
146	The physics of a model colloidÂpolymer mixture. Journal of Physics Condensed Matter, 2002, 14, R859-R880.	0.7	421
147	Partial structure factors in star polymer/colloid mixtures. Applied Physics A: Materials Science and Processing, 2002, 74, s355-s357.	1.1	8
148	Shear-induced yielding and ordering in concentrated particle suspensions. Physica A: Statistical Mechanics and Its Applications, 2002, 306, 334-342.	1.2	28
149	Molecular segregation observed in a concentrated alcoholâ€“water solution. Nature, 2002, 416, 829-832.	13.7	862
150	Selective membrane bonding enhances bag & cartridge performance. Filtration and Separation, 2001, 38, 16-19.	0.2	0
151	Shape of Ocr, the Gene 0.3 Protein of Bacteriophage T7:Â Modeling Based on Light Scattering Experimentsâ€. Biochemistry, 2001, 40, 9944-9949.	1.2	16
152	Soft condensed matter: where physics meets biology. Physics World, 2001, 14, 33-38.	0.0	3
153	Cellular solid behaviour of liquid crystal colloids 1. Phase separation and morphology. European Physical Journal E, 2001, 4, 11-20.	0.7	122
154	Conventional optical microscopy of colloidal suspensions. Advances in Colloid and Interface Science, 2001, 92, 133-194.	7.0	48
155	Direct observation of pre-critical nuclei in a metastable hard-sphere fluid. Journal of Physics Condensed Matter, 2001, 13, L553-L558.	0.7	22
156	Classification of ordering kinetics in three-phase systems. Physical Review E, 2001, 64, 031403.	0.8	22
157	Phase transition kinetics in colloid-polymer mixtures at triple coexistence: Kinetic maps from free-energy landscapes. Physical Review E, 2001, 64, 031402.	0.8	43
158	Hydration of methanol in aqueous solutions: a Raman spectroscopic study. Journal of Physics Condensed Matter, 2000, 12, L323-L328.	0.7	84
159	Protein crystallization: scaling of charge and salt concentration in lysozyme solutions. Journal of Physics Condensed Matter, 2000, 12, L569-L574.	0.7	48
160	Colloidâ€“liquid-crystal composites: An unusual soft solid. Physical Review E, 2000, 61, R6083-R6086.	0.8	211
161	A day in the life of a hard-sphere suspension. Scottish Graduate Series, 2000, , 1-8.	0.1	2
162	Structure and rheology of composite soft solids: Particles in lamellar phases. Physical Review E, 1999, 59, 3242-3252.	0.8	13

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163	Spectroscopic Probe of Free Volume Changes at Freezing: Raman Scattering fromCS2in Cyclohexane. Physical Review Letters, 1999, 82, 3827-3830.	2.9	4
164	Colloid-Polymer Mixtures at Triple Coexistence: Kinetic Maps from Free-Energy Landscapes. Physical Review Letters, 1999, 83, 1239-1242.	2.9	59
165	Structure of Marginal and Fully Developed Colloidal Liquids. Physical Review Letters, 1999, 82, 225-228.	2.9	59
166	Title is missing!. Journal of Materials Science, 1999, 34, 2389-2400.	1.7	4
167	Delayed sedimentation of transient gels in colloidâ€“polymer mixtures: dark-field observation, rheology and dynamic light scattering studies. Faraday Discussions, 1999, 112, 143-154.	1.6	121
168	A scattering study of nucleation phenomena in polymer crystallisation. Faraday Discussions, 1999, 112, 13-29.	1.6	88
169	Phase separation, aggregation and gelation in colloid-polymer mixtures and related systems. Current Opinion in Colloid and Interface Science, 1998, 3, 593-599.	3.4	73
170	Compression mechanisms in quasimolecularXI3â€,(X=As,Sb,Bi)solids. Physical Review B, 1998, 58, 14812-14822.	1.1	36
171	Concluding Remarks. International Journal of Sports Medicine, 1998, 19, S167-S168.	0.8	6
172	Spinodal-Assisted Crystallization in Polymer Melts. Physical Review Letters, 1998, 81, 373-376.	2.9	367
173	Direct observation of oscillatory-shear-induced order in colloidal suspensions. Physical Review E, 1998, 57, 6859-6864.	0.8	130
174	Universal Law of Fractionation for Slightly Polydisperse Systems. Physical Review Letters, 1998, 81, 1326-1329.	2.9	72
175	Colloidal glasses under shear strain. Physical Review E, 1998, 58, 4673-4682.	0.8	50
176	Stuffed onions: Particles in multilamellar vesicles. Europhysics Letters, 1997, 38, 625-630.	0.7	34
177	Role of metastable states in phase ordering dynamics. Europhysics Letters, 1997, 38, 595-600.	0.7	57
178	Crystallization of globular proteins. Physical Review E, 1997, 55, 3762-3764.	0.8	98
179	Structure and arrangement of clusters in cluster aggregation. Physical Review E, 1997, 56, 1918-1933.	0.8	30
180	Diffusive evolution of stable and metastable phases. II. Theory of nonequilibrium behavior in colloid-polymer mixtures. Physical Review E, 1997, 56, 5748-5758.	0.8	20

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181	Concentration dependence of the low-shear viscosity of suspensions of hard-sphere colloids. Physical Review E, 1997, 55, 5718-5722.	0.8	97
182	Dynamics of concentrated colloidal suspensions. Physica A: Statistical Mechanics and Its Applications, 1997, 235, 1-8.	1.2	29
183	Fluid-solid transitions on walls in binary hard-sphere mixtures. Europhysics Letters, 1997, 40, 337-342.	0.7	70
184	Non-equilibrium behaviour of colloid-polymer mixtures. Physica A: Statistical Mechanics and Its Applications, 1997, 235, 110-119.	1.2	77
185	Direct measurement of stacking disorder in hard-sphere colloidal crystals. Physica A: Statistical Mechanics and Its Applications, 1997, 235, 216-223.	1.2	45
186	Mesoscopic structure formation in colloidal aggregation and gelation. Advances in Colloid and Interface Science, 1997, 73, 71-126.	7.0	168
187	Colloids in suspense. Physics World, 1996, 9, 27-34.	0.0	63
188	Viscosity and structural relaxation in concentrated hard-sphere colloids. Journal of Non-Newtonian Fluid Mechanics, 1996, 67, 179-189.	1.0	16
189	SegrÃ¨etal.Reply:. Physical Review Letters, 1996, 77, 585-585.	2.9	10
190	Pressure-induced electron transfer in quasi-molecular solids. Europhysics Letters, 1996, 35, 689-694.	0.7	6
191	Cluster-cluster gelation with finite bond energy. Advances in Colloid and Interface Science, 1995, 62, 1-16.	7.0	56
192	Structure and characteristic length scales in clusterâ€"cluster aggregation simulation. Physica A: Statistical Mechanics and Its Applications, 1995, 217, 231-260.	1.2	44
193	Effect of polymer nonideality in a colloid-polymer mixture. Physical Review E, 1995, 52, 5205-5213.	0.8	65
194	Viscosity and Structural Relaxation in Suspensions of Hard-Sphere Colloids. Physical Review Letters, 1995, 75, 958-961.	2.9	208
195	Phase behavior of a model colloid-polymer mixture. Physical Review E, 1995, 51, 1344-1352.	0.8	555
196	Gelation in colloidâ€"polymer mixtures. Faraday Discussions, 1995, 101, 65-76.	1.6	207
197	Phase Behaviour of Hard-Sphere Mixtures. Europhysics Letters, 1994, 28, 513-518.	0.7	80
198	Phase behaviour and structure of colloidal suspensions. Journal of Physics Condensed Matter, 1994, 6, A29-A36.	0.7	70

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200	Structure factors from cluster-cluster aggregation simulation at high concentration. Physica A: Statistical Mechanics and Its Applications, 1994, 208, 8-17.	1.2	26
201	Dynamics of colloid-polymer mixtures. Physica A: Statistical Mechanics and Its Applications, 1993, 201, 322-331.	1.2	105
202	First things first. Physics World, 1993, 6, 23-23.	0.0	0
203	High-pressure Raman spectroscopic study of cyclohexane C6H12 and C6D12. The Journal of Physical Chemistry, 1992, 96, 8168-8173.	2.9	28
204	Phase Behaviour of Colloid + Polymer Mixtures. Europhysics Letters, 1992, 20, 559-564.	0.7	900
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