

# Simon R Biggs

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

201  
papers

8,093  
citations

50  
h-index

80  
g-index

219  
ext. papers

8,561  
ext. citations

5.5  
avg, IF

5.94  
L-index

#	Paper	IF	Citations
201	Concentration profiling of a horizontal sedimentation tank utilising a bespoke acoustic backscatter array and CFD simulations. <i>Chemical Engineering Science</i> , <b>2020</b> , 218, 115560	4.4	7
200	Metal-shell nanocapsules for the delivery of cancer drugs. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 567, 171-180	9.3	12
199	Investigating Adsorbing Viscoelastic Fluids Using the Quartz Crystal Microbalance. <i>ACS Omega</i> , <b>2020</b> , 5, 22081-22090	3.9	2
198	Encapsulation of Emulsion Droplets with Metal Shells for Subsequent Remote, Triggered Release. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 12272-12282	9.5	13
197	Ultrasound-triggered release from metal shell microcapsules. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 554, 444-452	9.3	11
196	A new way of assessing droplet evaporation independently of the substrate hydrophobicity and contact line mode: A case study of sessile droplets with surfactants. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2019</b> , 577, 396-404	5.1	2
195	Measurement and density normalisation of acoustic attenuation and backscattering constants of arbitrary suspensions within the Rayleigh scattering regime. <i>Applied Acoustics</i> , <b>2019</b> , 146, 9-22	3.1	8
194	Quartz crystal microbalance as a device to measure the yield stress of colloidal suspensions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2018</b> , 546, 179-185	5.1	3
193	Adsorption of Catalytic Nanoparticles onto Polymer Substrates for Controlled Deposition of Microcapsule Metal Shells. <i>Langmuir</i> , <b>2018</b> , 34, 1473-1480	4	9
192	On the predictions for diffusion-driven evaporation of sessile droplets with interface cooling. <i>Chemical Engineering Science</i> , <b>2018</b> , 177, 417-421	4.4	7
191	Polymer Molecular Weight Dependence on Lubricating Particle-Particle Interactions. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2018</b> , 57, 2131-2138	3.9	12
190	A two-step synthesis for preparing metal microcapsules with a biodegradable polymer substrate. <i>Journal of Materials Chemistry B</i> , <b>2018</b> , 6, 2151-2158	7.3	7
189	Interaction forces between goethite and polymeric flocculants and their effect on the flocculation of fine goethite particles. <i>Chemical Engineering Journal</i> , <b>2018</b> , 334, 1034-1045	14.7	15
188	Enhanced gas migration through permeable bubble networks within consolidated soft sediments. <i>AIChE Journal</i> , <b>2018</b> , 64, 4131-4147	3.6	10
187	Influence of pH-Responsive Monomer Content on the Behavior of Di-Block Copolymers in Solution and as Stabilizers of Pickering Latex Particle Emulsifiers. <i>Frontiers in Chemistry</i> , <b>2018</b> , 6, 301	5	4
186	The rheology of polyvinylpyrrolidone-coated silica nanoparticles positioned at an air-aqueous interface. <i>Journal of Colloid and Interface Science</i> , <b>2018</b> , 527, 346-355	9.3	20
185	Analytical Model for Diffusive Evaporation of Sessile Droplets Coupled with Interfacial Cooling Effect. <i>Langmuir</i> , <b>2018</b> , 34, 6955-6962	4	22

184	In situ characterization of mixing and sedimentation dynamics in an impinging jet ballast tank via acoustic backscatter. <i>AIChE Journal</i> , <b>2017</b> , 63, 2618-2629	3.6	8
183	Understanding the Mechanisms of Gold Shell Growth onto Polymer Microcapsules to Control Shell Thickness. <i>Chemistry - an Asian Journal</i> , <b>2017</b> , 12, 1641-1648	4.5	8
182	Foaming Behavior of Polymer-Coated Colloids: The Need for Thick Liquid Films. <i>Langmuir</i> , <b>2017</b> , 33, 6528-6539	2.2	22
181	The influence of relative fluid depth on initial bedform dynamics in closed, horizontal pipe flow. <i>International Journal of Multiphase Flow</i> , <b>2017</b> , 93, 1-16	3.6	4
180	Manipulating colloidal residue deposit from drying droplets: Air/liquid interface capture competes with coffee-ring effect. <i>Chemical Engineering Science</i> , <b>2017</b> , 167, 78-87	4.4	17
179	Influence of shape and surface charge on the sedimentation of spheroidal, cubic and rectangular cuboid particles. <i>Powder Technology</i> , <b>2017</b> , 322, 75-83	5.2	15
178	Yield stress dependency on the evolution of bubble populations generated in consolidated soft sediments. <i>AIChE Journal</i> , <b>2017</b> , 63, 3728-3742	3.6	10
177	The effect of surfactant chain length on the morphology of poly(methyl methacrylate) microcapsules for fragrance oil encapsulation. <i>Journal of Colloid and Interface Science</i> , <b>2016</b> , 484, 10-16	9.3	30
176	Measurements of Submicron Particle Adsorption and Particle Film Elasticity at Oil-Water Interfaces. <i>Langmuir</i> , <b>2016</b> , 32, 4125-33	4	36
175	Manufacture of poly(methyl methacrylate) microspheres using membrane emulsification. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , <b>2016</b> , 374,	3	9
174	Characterization of Multiple Hindered Settling Regimes in Aggregated Mineral Suspensions. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2016</b> , 55, 9983-9993	3.9	23
173	In situ characterisation of a concentrated colloidal titanium dioxide settling suspension and associated bed development: Application of an acoustic backscatter system. <i>Powder Technology</i> , <b>2015</b> , 284, 530-540	5.2	10
172	Particle Concentration Measurement and Flow Regime Identification in Multiphase Pipe Flow Using a Generalised Dual-frequency Inversion Method. <i>Procedia Engineering</i> , <b>2015</b> , 102, 986-995		8
171	The effect of premature wall yield on creep testing of strongly flocculated suspensions. <i>Rheologica Acta</i> , <b>2015</b> , 54, 337-352	2.3	21
170	Long-Term Retention of Small, Volatile Molecular Species within Metallic Microcapsules. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 14808-15	9.5	32
169	Characterization of Bed Densification in a Laboratory Scale Thickener, by Novel Application of an Acoustic Backscatter System. <i>Procedia Engineering</i> , <b>2015</b> , 102, 858-866		8
168	Using Generational Intelligence to Examine Community Care Work between Younger and Older Adults. <i>Journal of Social Work Practice</i> , <b>2015</b> , 29, 457-473	0.8	2
167	Colloid Particles in Ink Formulations <b>2015</b> , 141-168		

166	Constraints on the functional form of the critical deposition velocity in solid-liquid pipe flow at low solid volume fractions. <i>Chemical Engineering Science</i> , <b>2015</b> , 126, 759-770	4.4	9
165	Measurement of particle concentration in horizontal, multiphase pipe flow using acoustic methods: Limiting concentration and the effect of attenuation. <i>Chemical Engineering Science</i> , <b>2015</b> , 126, 745-758	4.4	17
164	Synthesis of nuclear waste simulants by reaction precipitation: Formation of caesium phosphomolybdate, zirconium molybdate and morphology modification with citratomolybdate complex. <i>Polyhedron</i> , <b>2015</b> , 89, 129-141	2.7	14
163	Printing small dots from large drops. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 3782-90	9.5	26
162	Poly(dimethylsiloxane)-stabilized polymer particles from radical dispersion polymerization in nonpolar solvent: influence of stabilizer properties and monomer type [corrected]. <i>Langmuir</i> , <b>2014</b> , 30, 1220-8	4	25
161	Measuring particle concentration in multiphase pipe flow using acoustic backscatter: generalization of the dual-frequency inversion method. <i>Journal of the Acoustical Society of America</i> , <b>2014</b> , 136, 156-69	2.2	16
160	The influence of system scale on impinging jet sediment erosion: Observed using novel and standard measurement techniques. <i>Chemical Engineering Research and Design</i> , <b>2013</b> , 91, 722-734	5.5	12
159	Probing the stability of sterically stabilized polystyrene particles by centrifugal sedimentation. <i>Soft Matter</i> , <b>2013</b> , 9, 10031	3.6	17
158	Interactional perspectives on the mistreatment of older and vulnerable people in long-term care settings. <i>British Journal of Sociology</i> , <b>2013</b> , 64, 267-86	2.2	22
157	Dispersion polymerization in non-polar solvent: Evolution toward emerging applications. <i>Progress in Polymer Science</i> , <b>2013</b> , 38, 897-931	29.6	53
156	Characterising highly active nuclear waste simulants. <i>Chemical Engineering Research and Design</i> , <b>2013</b> , 91, 742-751	5.5	12
155	Facile synthesis of gold core-polymer shell responsive particles. <i>Journal of Colloid and Interface Science</i> , <b>2013</b> , 407, 187-95	9.3	1
154	Surfactants at the solid-liquid interface: Measurements at higher concentrations using optical reflectometry. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2013</b> , 434, 164-170	5.1	1
153	Defining the perpetrator: abuse, neglect and dignity in care. <i>Journal of Adult Protection</i> , <b>2013</b> , 15, 5-14	0.7	14
152	Elder mistreatment, ageism, and human rights. <i>International Psychogeriatrics</i> , <b>2013</b> , 25, 1299-306	3.4	18
151	An acoustic backscatter system for in situ concentration profiling of settling flocculated dispersions. <i>Minerals Engineering</i> , <b>2012</b> , 27-28, 20-27	4.9	18
150	pH-responsive colloidosomes and their use for controlling release. <i>Soft Matter</i> , <b>2012</b> , 8, 4717	3.6	49
149	Production of solid-stabilised emulsions through rotational membrane emulsification: influence of particle adsorption kinetics. <i>Soft Matter</i> , <b>2012</b> , 8, 1532-1538	3.6	40

148	Behavior of pH-sensitive core shell particles at the air-water interface. <i>Langmuir</i> , <b>2012</b> , 28, 5085-92	4	12
147	Using a multi-frequency acoustic backscatter system as an in situ high concentration dispersion monitor. <i>Chemical Engineering Science</i> , <b>2012</b> , 80, 409-418	4.4	22
146	Stimulus responsive core-shell nanoparticles: synthesis and applications of polymer based aqueous systems. <i>Soft Matter</i> , <b>2011</b> , 7, 2211-2234	3.6	167
145	Ultrasonic velocimetry for the in situ characterisation of particulate settling and sedimentation. <i>Minerals Engineering</i> , <b>2011</b> , 24, 416-423	4.9	27
144	The minimum transport velocity of colloidal silica suspensions. <i>Chemical Engineering Science</i> , <b>2011</b> , 66, 2309-2316	4.4	15
143	Fine particle turbulence modulation. <i>AIChE Journal</i> , <b>2011</b> , 57, 1693-1699	3.6	8
142	Adsorption of phytosterol ethoxylates on silica in an aprotic room-temperature ionic liquid. <i>Langmuir</i> , <b>2011</b> , 27, 3244-8	4	12
141	Research thrives on integration of natural and social sciences. <i>Nature</i> , <b>2010</b> , 463, 1018	50.4	17
140	Particle-Particle Interactions: The Link between Aggregate Properties and Rheology. <i>Particulate Science and Technology</i> , <b>2010</b> , 28, 404-425	2	9
139	Defining elder mistreatment: reflections on the United Kingdom Study of Abuse and Neglect of Older People. <i>Ageing and Society</i> , <b>2010</b> , 30, 403-420	1.7	47
138	Effect of Grafting Density on Phase Transition Behavior for Poly(N-isopropylacryamide) Brushes in Aqueous Solutions Studied by AFM and QCM-D. <i>Macromolecules</i> , <b>2010</b> , 43, 7269-7276	5.5	74
137	Adsorption kinetics of laponite and ludox silica nanoparticles onto a deposited poly(diallyldimethylammonium chloride) layer measured by a quartz crystal microbalance and optical reflectometry. <i>Langmuir</i> , <b>2010</b> , 26, 18105-12	4	20
136	Preparation of particle-stabilized emulsions using membrane emulsification. <i>Soft Matter</i> , <b>2010</b> , 6, 1580	3.6	42
135	A QCM study on the adsorption of colloidal laponite at the solid/liquid interface. <i>Langmuir</i> , <b>2010</b> , 26, 8366-72	4	22
134	Responsive core-shell latex particles as colloidosome microcapsule membranes. <i>Langmuir</i> , <b>2010</b> , 26, 18408-14	4.8	56
133	Polymeric microcapsules assembled from a cationic/zwitterionic pair of responsive block copolymer micelles. <i>Langmuir</i> , <b>2010</b> , 26, 6281-6	4	33
132	Direct measurement of the depletion interaction in binary solutions of polyelectrolytes. <i>Physical Chemistry Chemical Physics</i> , <b>2010</b> , 12, 4172-7	3.6	10
131	Nanoparticles. Preface. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , <b>2010</b> , 368, 4227	3	

130	Multi-layer films of block copolymer micelles adsorbed to colloidal templates. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , <b>2010</b> , 368, 4293-311	3	4
129	Theoretical Development and Elder Mistreatment: Spreading Awareness and Conceptual Complexity in Examining the Management of Socio-Emotional Boundaries. <i>Ageing International</i> , <b>2010</b> , 35, 171-184	0.8	20
128	Hollow microspheres with binary colloidal and polymeric membrane: Effect of polymer and particle concentrations. <i>Advanced Powder Technology</i> , <b>2010</b> , 21, 19-22	4.6	13
127	The influence of nanoparticle shape on the drying of colloidal suspensions. <i>Journal of Colloid and Interface Science</i> , <b>2010</b> , 352, 99-106	9.3	16
126	Surface characterization of nanoparticles carrying pH-responsive polymer hair. <i>Polymer</i> , <b>2010</b> , 51, 6240-6247	9.9	17
125	The influence of nanoparticles on polystyrene adhesion. <i>Advanced Powder Technology</i> , <b>2010</b> , 21, 13-18	4.6	3
124	Characterisation of the dispersion stability of a stimulus responsive core-shell colloidal latex. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2010</b> , 353, 210-215	5.1	20
123	Weight loss by mobile phone: a 1-year effectiveness study. <i>Public Health Nutrition</i> , <b>2009</b> , 12, 2382-91	3.3	223
122	Mistreatment of older people in the United Kingdom: findings from the first National Prevalence Study. <i>Journal of Elder Abuse and Neglect</i> , <b>2009</b> , 21, 1-14	1.9	127
121	Surfactant selection for accurate size control of microcapsules using membrane emulsification. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2009</b> , 347, 97-103	5.1	19
120	Complex adsorption behavior of rodlike polyelectrolyte-surfactant aggregates. <i>Langmuir</i> , <b>2009</b> , 25, 4484-9	4.9	12
119	Adsorption studies of a polymerizable surfactant by optical reflectivity and quartz crystal microbalance. <i>Langmuir</i> , <b>2009</b> , 25, 11503-8	4	5
118	Hollow microspheres with binary porous membranes from solid-stabilised emulsion templates. <i>Journal of Materials Chemistry</i> , <b>2009</b> , 19, 2724		45
117	Aging in a critical world: The search for generational intelligence. <i>Journal of Aging Studies</i> , <b>2008</b> , 22, 115-119	1.9	15
116	Characterization of layer-by-layer self-assembled multilayer films of diblock copolymer micelles. <i>Langmuir</i> , <b>2008</b> , 24, 116-23	4	32
115	Incorporation of block copolymer micelles into multilayer films for use as nanodelivery systems. <i>Langmuir</i> , <b>2008</b> , 24, 13328-33	4	44
114	Collision efficiency factor for heteroaggregation: extension to soft interactions. <i>Journal of Chemical Physics</i> , <b>2008</b> , 128, 044913	3.9	2
113	Adsorption characteristics of zwitterionic diblock copolymers at the silica/aqueous solution interface. <i>Journal of Colloid and Interface Science</i> , <b>2008</b> , 317, 383-94	9.3	12

112	Manufacture of controlled emulsions and particulates using membrane emulsification. <i>Desalination</i> , <b>2008</b> , 224, 215-220	10.3	12
111	Direct visualization of a self-organized multilayer film of low T(g) diblock copolymer micelles. <i>Journal of Physical Chemistry B</i> , <b>2007</b> , 111, 5536-41	3.4	18
110	Salt-Induced Structural Behavior for Poly(N-isopropylacryamide) Grafted onto Solid Surface Observed Directly by AFM and QCM-D. <i>Macromolecules</i> , <b>2007</b> , 40, 9045-9052	5.5	46
109	Polymerized rodlike micelle adsorption at the solid-liquid interface. <i>Langmuir</i> , <b>2007</b> , 23, 8094-102	4	12
108	Synthesis of Zwitterionic Diblock Copolymers without Protecting Group Chemistry. <i>Macromolecules</i> , <b>2007</b> , 40, 157-167	5.5	27
107	Layer-by-Layer Formation of Smart Particle Coatings Using Oppositely Charged Block Copolymer Micelles. <i>Advanced Materials</i> , <b>2007</b> , 19, 247-250	24	66
106	pH-responsive behavior of selectively quaternized diblock copolymers adsorbed at the silica/aqueous solution interface. <i>Journal of Colloid and Interface Science</i> , <b>2007</b> , 314, 381-8	9.3	19
105	Examining soft particulates using an atomic force microscope and a quartz crystal microbalance. <i>Advanced Powder Technology</i> , <b>2007</b> , 18, 615-629	4.6	2
104	The Effect of Particle-Particle Interaction Forces on the Flow Properties of Silica Slurries <b>2007</b> , 1147		
103	The Influence of Zeta Potential and Yield Stress on the Filtration Characteristics of a Magnesium Hydroxide Simulant <b>2007</b> , 1133		1
102	Surface ATRP of hydrophilic monomers from ultrafine aqueous silica sols using anionic polyelectrolytic macroinitiators. <i>Langmuir</i> , <b>2007</b> , 23, 408-13	4	52
101	Direct observation of the phase transition for a poly(N-isopropylacryamide) layer grafted onto a solid surface by AFM and QCM-D. <i>Langmuir</i> , <b>2007</b> , 23, 11083-8	4	113
100	The Rheology of Oxide Dispersions and the Role of Concentrated Electrolyte Solutions <b>2007</b> ,		2
99	An improved collision efficiency model for particle aggregation. <i>Journal of Chemical Physics</i> , <b>2006</b> , 125, 184906	3.9	11
98	pH-responsive diblock copolymer micelles at the silica/aqueous solution interface: Adsorption kinetics and equilibrium studies. <i>Journal of Physical Chemistry B</i> , <b>2006</b> , 110, 14744-53	3.4	35
97	Spontaneous formation of an "antidrop". <i>Langmuir</i> , <b>2006</b> , 22, 522-3	4	5
96	Comparison of the adsorption of cationic diblock copolymer micelles from aqueous solution onto mica and silica. <i>Langmuir</i> , <b>2006</b> , 22, 5328-33	4	34
95	Characterizing the pH-responsive behavior of thin films of diblock copolymer micelles at the silica/aqueous solution interface. <i>Langmuir</i> , <b>2006</b> , 22, 8435-42	4	40



94	Aggregate Structures and Solid-Liquid Separation Processes. <i>KONA Powder and Particle Journal</i> , <b>2006</b> , 24, 41-53	3.4	21
93	First steps: the UK national prevalence study of the mistreatment and abuse of older people. <i>Journal of Adult Protection</i> , <b>2006</b> , 8, 4-11	0.7	13
92	Observed transition from linear to non-linear friction/tribad behavior using a lateral force microscope. <i>Applied Surface Science</i> , <b>2006</b> , 252, 4964-4968	6.7	5
91	Effects of copolymer concentration and chain length on the pH-responsive behavior of diblock copolymer micellar films. <i>Journal of Colloid and Interface Science</i> , <b>2006</b> , 303, 372-9	9.3	12
90	Wear of a single asperity using Lateral Force Microscopy. <i>Tribology Letters</i> , <b>2006</b> , 24, 257-263	2.8	6
89	Tunable diblock copolymer micelles-adapting behaviour via subtle chemical modifications. <i>Faraday Discussions</i> , <b>2005</b> , 128, 193-209	3.6	33
88	Direct comparison of atomic force microscopic and total internal reflection microscopic measurements in the presence of nonadsorbing polyelectrolytes. <i>Langmuir</i> , <b>2005</b> , 21, 5421-8	4	54
87	Heteroaggregation with nanoparticles: effect of particle size ratio on optimum particle dose. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2005</b> , 255, 85-90	5.1	62
86	Bi-modal hetero-aggregation rate response to particle dosage. <i>Journal of Chemical Physics</i> , <b>2005</b> , 123, 204904	3.9	5
85	Dewatering properties of dual-polymer-flocculated systems. <i>International Journal of Mineral Processing</i> , <b>2004</b> , 73, 145-160		43
84	The flocculation efficiency of polydisperse polymer flocculants. <i>International Journal of Mineral Processing</i> , <b>2004</b> , 73, 161-175		59
83	Nano-Anemones: Stimulus-Responsive Copolymer-Micelle Surfaces. <i>Advanced Materials</i> , <b>2004</b> , 16, 1794-1798		89
82	Advancing contact angle of iron ores as a function of their hematite and goethite content: implications for pelletising and sintering. <i>International Journal of Mineral Processing</i> , <b>2004</b> , 74, 281-287		40
81	The effect of surfactant adsorption on liquid boundary slippage. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2004</b> , 339, 60-65	3.3	33
80	Adsorbed layer structure of a weak polyelectrolyte studied by colloidal probe microscopy and QCM-D as a function of pH and ionic strength. <i>Physical Chemistry Chemical Physics</i> , <b>2004</b> , 6, 2379-2386	3.6	56
79	Effect of aggregate size on sediment bed rheological properties. <i>Physical Chemistry Chemical Physics</i> , <b>2004</b> , 6, 4490	3.6	24
78	The adsorption of polymerized rodlike micelles at the solid-liquid interface. <i>Langmuir</i> , <b>2004</b> , 20, 1085-944		14
77	The influence of chain length and electrolyte on the adsorption kinetics of cationic surfactants at the silica-aqueous solution interface. <i>Journal of Colloid and Interface Science</i> , <b>2003</b> , 266, 236-44	9.3	117



76	Mechanism of cationic surfactant adsorption at the solid-aqueous interface. <i>Advances in Colloid and Interface Science</i> , <b>2003</b> , 103, 219-304	14.3	500
75	The rheology of concentrated suspensions of depletion-flocculated latex particles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2003</b> , 214, 173-180	5.1	11
74	Adsorption of 12-s-12 Gemini Surfactants at the Silica-Aqueous Solution Interface. <i>Journal of Physical Chemistry B</i> , <b>2003</b> , 107, 2978-2985	3.4	77
73	Adsorption of Ionic Surfactants to a Plasma Polymer Substrate. <i>Langmuir</i> , <b>2003</b> , 19, 4222-4227	4	13
72	Application of a Dynamic Atomic Force Microscope for the Measurement of Lubrication Forces and Hydrodynamic Thickness between Surfaces Bearing Adsorbed Polyelectrolyte Layers. <i>Macromolecules</i> , <b>2003</b> , 36, 2903-2906	5.5	27
71	Control of Persistent Nonequilibrium Adsorbed Polymer Layer Structure by Transient Exposure to Surfactants. <i>Langmuir</i> , <b>2003</b> , 19, 2736-2744	4	32
70	Calibration of colloid probe cantilevers using the dynamic viscous response of a confined liquid. <i>Review of Scientific Instruments</i> , <b>2003</b> , 74, 4026-4032	1.7	21
69	The effect of molecular weight of nonadsorbing polymer on the structure of depletion-induced flocs. <i>Journal of Colloid and Interface Science</i> , <b>2002</b> , 247, 24-32	9.3	34
68	Drop penetration into porous powder beds. <i>Journal of Colloid and Interface Science</i> , <b>2002</b> , 253, 353-66	9.3	206
67	Viscosity effect on the structural compactness of latex flocs formed under weak depletion attractions. <i>Journal of Colloid and Interface Science</i> , <b>2002</b> , 255, 91-7	9.3	3
66	Oscillatory Packing and Depletion of Polyelectrolyte Molecules at an Oxide-Water Interface. <i>Journal of Physical Chemistry B</i> , <b>2002</b> , 106, 11557-11564	3.4	49
65	The Formation of an Irreversibly Adsorbed and Organized Micelle Layer at the Solid-Liquid Interface. <i>Nano Letters</i> , <b>2002</b> , 2, 1409-1412	11.5	16
64	Direct measurements of the adhesion between a glass particle and a glass surface in a humid atmosphere. <i>Journal of Adhesion Science and Technology</i> , <b>2002</b> , 16, 869-885	2	45
63	Self-Organized Monolayer Films of Stimulus-Responsive Micelles. <i>Nano Letters</i> , <b>2002</b> , 2, 1307-1313	11.5	68
62	Production of high internal phase emulsions using rising air bubbles. <i>Chemical Engineering Science</i> , <b>2001</b> , 56, 6285-6293	4.4	13
61	An atomic force microscopy study of weathering of polyester/melamine paint surfaces. <i>Progress in Organic Coatings</i> , <b>2001</b> , 42, 49-58	4.8	24
60	A Foucauldian analysis of old age and the power of social welfare. <i>Journal of Aging and Social Policy</i> , <b>2001</b> , 12, 93-112	7.4	76
59	Quantitative comparison of three calibration techniques for the lateral force microscope. <i>Review of Scientific Instruments</i> , <b>2001</b> , 72, 3304-3312	1.7	52

58	Microscopic and macroscopic aspects of stick-slip motion in granular shear. <i>Physical Review E</i> , <b>2001</b> , 64, 016413	2.4	31
57	Slow Organization of Cationic Surfactant Adsorbed to Silica from Solutions Far below the CMC. <i>Journal of Physical Chemistry B</i> , <b>2001</b> , 105, 9537-9540	3.4	33
56	Adsorption Kinetics and Structural Arrangements of Cetylpyridinium Bromide at the Silica/Aqueous Interface. <i>Langmuir</i> , <b>2001</b> , 17, 6155-6163	4	95
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