

# Simon R Biggs

## List of Publications by Year in descending order

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216  
papers

9,136  
citations

31976

53  
h-index

53230

85  
g-index

219  
all docs

219  
docs citations

219  
times ranked

8116  
citing authors

#	ARTICLE	IF	CITATIONS
1	Deposition of non-porous calcium phosphate shells onto liquid filled microcapsules. <i>Journal of Colloid and Interface Science</i> , 2022, 609, 575-583.	9.4	3
2	Metal-shell nanocapsules for the delivery of cancer drugs. <i>Journal of Colloid and Interface Science</i> , 2020, 567, 171-180.	9.4	17
3	Investigating Adsorbing Viscoelastic Fluids Using the Quartz Crystal Microbalance. <i>ACS Omega</i> , 2020, 5, 22081-22090.	3.5	5
4	Concentration profiling of a horizontal sedimentation tank utilising a bespoke acoustic backscatter array and CFD simulations. <i>Chemical Engineering Science</i> , 2020, 218, 115560.	3.8	16
5	Ultrasound-triggered release from metal shell microcapsules. <i>Journal of Colloid and Interface Science</i> , 2019, 554, 444-452.	9.4	19
6	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> , 2019, 577, 396-404.	4.7	4
7	Encapsulation of Emulsion Droplets with Metal Shells for Subsequent Remote, Triggered Release. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 12272-12282.	8.0	22
8	Measurement and density normalisation of acoustic attenuation and backscattering constants of arbitrary suspensions within the Rayleigh scattering regime. <i>Applied Acoustics</i> , 2019, 146, 9-22.	3.3	10
9	Quartz crystal microbalance as a device to measure the yield stress of colloidal suspensions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 546, 179-185.	4.7	5
10	Adsorption of Catalytic Nanoparticles onto Polymer Substrates for Controlled Deposition of Microcapsule Metal Shells. <i>Langmuir</i> , 2018, 34, 1473-1480.	3.5	13
11	On the predictions for diffusion-driven evaporation of sessile droplets with interface cooling. <i>Chemical Engineering Science</i> , 2018, 177, 417-421.	3.8	12
12	Polymer Molecular Weight Dependence on Lubricating Particle-Particle Interactions. <i>Industrial &amp; Engineering Chemistry Research</i> , 2018, 57, 2131-2138.	3.7	19
13	A two-step synthesis for preparing metal microcapsules with a biodegradable polymer substrate. <i>Journal of Materials Chemistry B</i> , 2018, 6, 2151-2158.	5.8	9
14	Interaction forces between goethite and polymeric flocculants and their effect on the flocculation of fine goethite particles. <i>Chemical Engineering Journal</i> , 2018, 334, 1034-1045.	12.7	24
15	The rheology of polyvinylpyrrolidone-coated silica nanoparticles positioned at an air-aqueous interface. <i>Journal of Colloid and Interface Science</i> , 2018, 527, 346-355.	9.4	28
16	Analytical Model for Diffusive Evaporation of Sessile Droplets Coupled with Interfacial Cooling Effect. <i>Langmuir</i> , 2018, 34, 6955-6962.	3.5	37
17	Enhanced gas migration through permeable bubble networks within consolidated soft sediments. <i>AIChE Journal</i> , 2018, 64, 4131-4147.	3.6	14
18	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> , 2018, 6, 301.	3.6	7

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19	<i>In situ</i> characterization of mixing and sedimentation dynamics in an impinging jet ballast tank via acoustic backscatter. <i>AIChE Journal</i> , 2017, 63, 2618-2629.	3.6	11
20	Understanding the Mechanisms of Gold Shell Growth onto Polymer Microcapsules to Control Shell Thickness. <i>Chemistry - an Asian Journal</i> , 2017, 12, 1641-1648.	3.3	10
21	Foaming Behavior of Polymer-Coated Colloids: The Need for Thick Liquid Films. <i>Langmuir</i> , 2017, 33, 6528-6539.	3.5	33
22	The influence of relative fluid depth on initial bedform dynamics in closed, horizontal pipe flow. <i>International Journal of Multiphase Flow</i> , 2017, 93, 1-16.	3.4	7
23	Manipulating colloidal residue deposit from drying droplets: Air/liquid interface capture competes with coffee-ring effect. <i>Chemical Engineering Science</i> , 2017, 167, 78-87.	3.8	18
24	Influence of shape and surface charge on the sedimentation of spheroidal, cubic and rectangular cuboid particles. <i>Powder Technology</i> , 2017, 322, 75-83.	4.2	20
25	Yield stress dependency on the evolution of bubble populations generated in consolidated soft sediments. <i>AIChE Journal</i> , 2017, 63, 3728-3742.	3.6	22
26	Measurements of Submicron Particle Adsorption and Particle Film Elasticity at Oil/Water Interfaces. <i>Langmuir</i> , 2016, 32, 4125-4133.	3.5	51
27	Manufacture of poly(methyl methacrylate) microspheres using membrane emulsification. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2016, 374, 20150134.	3.4	11
28	Characterization of Multiple Hindered Settling Regimes in Aggregated Mineral Suspensions. <i>Industrial &amp; Engineering Chemistry Research</i> , 2016, 55, 9983-9993.	3.7	33
29	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> , 2016, 484, 10-16.	9.4	35
30	Characterization of Bed Densification in a Laboratory Scale Thickener, by Novel Application of an Acoustic Backscatter System. <i>Procedia Engineering</i> , 2015, 102, 858-866.	1.2	9
31	Using Generational Intelligence to Examine Community Care Work between Younger and Older Adults. <i>Journal of Social Work Practice</i> , 2015, 29, 457-473.	1.0	4
32	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> , 2015, 126, 759-770.	3.8	11
33	Measurement of particle concentration in horizontal, multiphase pipe flow using acoustic methods: Limiting concentration and the effect of attenuation. <i>Chemical Engineering Science</i> , 2015, 126, 745-758.	3.8	20
34	Synthesis of nuclear waste simulants by reaction precipitation: Formation of caesium phosphomolybdate, zirconium molybdate and morphology modification with citratomolybdate complex. <i>Polyhedron</i> , 2015, 89, 129-141.	2.2	25
35	Printing Small Dots from Large Drops. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 3782-3790.	8.0	34
36	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> , 2015, 284, 530-540.	4.2	14

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37	Particle Concentration Measurement and Flow Regime Identification in Multiphase Pipe Flow Using a Generalised Dual-frequency Inversion Method. <i>Procedia Engineering</i> , 2015, 102, 986-995.	1.2	9
38	The effect of premature wall yield on creep testing of strongly flocculated suspensions. <i>Rheologica Acta</i> , 2015, 54, 337-352.	2.4	26
39	Long-Term Retention of Small, Volatile Molecular Species within Metallic Microcapsules. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 14808-14815.	8.0	40
40	Poly(dimethylsiloxane)-Stabilized Polymer Particles from Radical Dispersion Polymerization in Nonpolar Solvent: Influence of Stabilizer Properties and Monomer Type. <i>Langmuir</i> , 2014, 30, 1220-1228.	3.5	29
41	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> , 2014, 136, 156-169.	1.1	22
42	The influence of system scale on impinging jet sediment erosion: Observed using novel and standard measurement techniques. <i>Chemical Engineering Research and Design</i> , 2013, 91, 722-734.	5.6	15
43	Probing the stability of sterically stabilized polystyrene particles by centrifugal sedimentation. <i>Soft Matter</i> , 2013, 9, 10031.	2.7	20
44	Interactional perspectives on the mistreatment of older and vulnerable people in long-term care settings. <i>British Journal of Sociology</i> , 2013, 64, 267-286.	1.5	27
45	Dispersion polymerization in non-polar solvent: Evolution toward emerging applications. <i>Progress in Polymer Science</i> , 2013, 38, 897-931.	24.7	64
46	Characterising highly active nuclear waste simulants. <i>Chemical Engineering Research and Design</i> , 2013, 91, 742-751.	5.6	14
47	Facile synthesis of gold core-polymer shell responsive particles. <i>Journal of Colloid and Interface Science</i> , 2013, 407, 187-195.	9.4	3
48	Surfactants at the solid-liquid interface: Measurements at higher concentrations using optical reflectometry. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013, 434, 164-170.	4.7	1
49	Defining the "perpetrator" abuse, neglect and dignity in care. <i>Journal of Adult Protection</i> , The, 2013, 15, 5-14.	0.8	16
50	Elder mistreatment, ageism, and human rights. <i>International Psychogeriatrics</i> , 2013, 25, 1299-1306.	1.0	23
51	Characterising Nuclear Simulant Suspensions In Situ With an Acoustic Backscatter System. , 2013, , .		0
52	pH-responsive colloidosomes and their use for controlling release. <i>Soft Matter</i> , 2012, 8, 4717.	2.7	54
53	Production of solid-stabilised emulsions through rotational membrane emulsification: influence of particle adsorption kinetics. <i>Soft Matter</i> , 2012, 8, 1532-1538.	2.7	45
54	Behavior of pH-Sensitive Core Shell Particles at the Air-water Interface. <i>Langmuir</i> , 2012, 28, 5085-5092.	3.5	12

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55	Using a multi-frequency acoustic backscatter system as an in situ high concentration dispersion monitor. <i>Chemical Engineering Science</i> , 2012, 80, 409-418.	3.8	28
56	An acoustic backscatter system for in situ concentration profiling of settling flocculated dispersions. <i>Minerals Engineering</i> , 2012, 27-28, 20-27.	4.3	23
57	Adsorption of Phytosterol Ethoxylates on Silica in an Aprotic Room-Temperature Ionic Liquid. <i>Langmuir</i> , 2011, 27, 3244-3248.	3.5	12
58	Stimulus responsive core-shell nanoparticles: synthesis and applications of polymer based aqueous systems. <i>Soft Matter</i> , 2011, 7, 2211-2234.	2.7	179
59	Transport of Nuclear Waste Flows: A Modelling and Simulation Approach. , 2011, , .		1
60	Ultrasonic Techniques for the In Situ Characterisation of "Legacy"™ Waste Sludges and Dispersions. , 2011, , .		1
61	Transport and Deposition Properties of Model Slurries of One and Two Particle Species. , 2011, , .		0
62	Physical Modelling of Turbulent Jets for Nuclear Sludge Mobilisation. , 2011, , .		0
63	Ultrasonic velocimetry for the in situ characterisation of particulate settling and sedimentation. <i>Minerals Engineering</i> , 2011, 24, 416-423.	4.3	29
64	The minimum transport velocity of colloidal silica suspensions. <i>Chemical Engineering Science</i> , 2011, 66, 2309-2316.	3.8	15
65	Fine particle turbulence modulation. <i>AIChE Journal</i> , 2011, 57, 1693-1699.	3.6	8
66	Preface. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2010, 368, 4227-4227.	3.4	0
67	Multi-layer films of block copolymer micelles adsorbed to colloidal templates. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2010, 368, 4293-4311.	3.4	4
68	Theoretical Development and Elder Mistreatment: Spreading Awareness and Conceptual Complexity in Examining the Management of Socio-Emotional Boundaries. <i>Ageing International</i> , 2010, 35, 171-184.	1.3	24
69	Hollow microspheres with binary colloidal and polymeric membrane: Effect of polymer and particle concentrations. <i>Advanced Powder Technology</i> , 2010, 21, 19-22.	4.1	15
70	The influence of nanoparticle shape on the drying of colloidal suspensions. <i>Journal of Colloid and Interface Science</i> , 2010, 352, 99-106.	9.4	17
71	Surface characterization of nanoparticles carrying pH-responsive polymer hair. <i>Polymer</i> , 2010, 51, 6240-6247.	3.8	21
72	The influence of nanoparticles on polystyrene adhesion. <i>Advanced Powder Technology</i> , 2010, 21, 13-18.	4.1	3

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73	Characterisation of the dispersion stability of a stimulus responsive core-shell colloidal latex. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2010, 353, 210-215.	4.7	23
74	Research thrives on integration of natural and social sciences. <i>Nature</i> , 2010, 463, 1018-1018.	27.8	19
75	Particle-Particle Interactions: The Link between Aggregate Properties and Rheology. <i>Particulate Science and Technology</i> , 2010, 28, 404-425.	2.1	11
76	Defining elder mistreatment: reflections on the United Kingdom Study of Abuse and Neglect of Older People. <i>Ageing and Society</i> , 2010, 30, 403-420.	1.7	55
77	Effect of Grafting Density on Phase Transition Behavior for Poly( <i>N</i> -isopropylacryamide) Brushes in Aqueous Solutions Studied by AFM and QCM-D. <i>Macromolecules</i> , 2010, 43, 7269-7276.	4.8	83
78	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> , 2010, 26, 18105-18112.	3.5	22
79	Preparation of particle-stabilized emulsions using membrane emulsification. <i>Soft Matter</i> , 2010, 6, 1580.	2.7	50
80	A QCM Study on the Adsorption of Colloidal Laponite at the Solid/Liquid Interface. <i>Langmuir</i> , 2010, 26, 8366-8372.	3.5	26
81	Responsive Core-Shell Latex Particles as Colloidosome Microcapsule Membranes. <i>Langmuir</i> , 2010, 26, 18408-18414.	3.5	60
82	Polymeric Microcapsules Assembled from a Cationic/Zwitterionic Pair of Responsive Block Copolymer Micelles. <i>Langmuir</i> , 2010, 26, 6281-6286.	3.5	33
83	Direct measurement of the depletion interaction in binary solutions of polyelectrolytes. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 4172.	2.8	12
84	Weight loss by mobile phone: a 1-year effectiveness study. <i>Public Health Nutrition</i> , 2009, 12, 2382-2391.	2.2	250
85	Mistreatment of Older People in the United Kingdom: Findings from the First National Prevalence Study. <i>Journal of Elder Abuse and Neglect</i> , 2009, 21, 1-14.	1.1	148
86	Surfactant selection for accurate size control of microcapsules using membrane emulsification. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009, 347, 97-103.	4.7	22
87	Complex Adsorption Behavior of Rodlike Polyelectrolyte-Surfactant Aggregates. <i>Langmuir</i> , 2009, 25, 4484-4489.	3.5	12
88	Adsorption Studies of a Polymerizable Surfactant by Optical Reflectivity and Quartz Crystal Microbalance. <i>Langmuir</i> , 2009, 25, 11503-11508.	3.5	6
89	Hollow microspheres with binary porous membranes from solid-stabilised emulsion templates. <i>Journal of Materials Chemistry</i> , 2009, 19, 2724.	6.7	45
90	The DIAMOND University Research Consortium: Nuclear Waste Characterisation, Immobilisation and Storage., 2009, , .		0

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91	Engineering Properties of Nuclear Waste Slurries. , 2009, , .		0
92	The KNOO Research Consortium: Work Package 3â€”An Integrated Approach to Waste Immobilisation and Management. , 2009, , .		0
93	Theoretical Modelling of Nuclear Waste Flows. , 2009, , .		0
94	Hydraulic Behaviour of Nuclear Waste Flows. , 2009, , .		0
95	Adsorption characteristics of zwitterionic diblock copolymers at the silica/aqueous solution interface. Journal of Colloid and Interface Science, 2008, 317, 383-394.	9.4	17
96	Manufacture of controlled emulsions and particulates using membrane emulsification. Desalination, 2008, 224, 215-220.	8.2	13
97	Aging in a critical world: The search for generational intelligence. Journal of Aging Studies, 2008, 22, 115-119.	1.4	16
98	Characterization of Layer-by-Layer Self-Assembled Multilayer Films of Diblock Copolymer Micelles. Langmuir, 2008, 24, 116-123.	3.5	33
99	Incorporation of Block Copolymer Micelles into Multilayer Films for Use as Nanodelivery Systems. Langmuir, 2008, 24, 13328-13333.	3.5	45
100	Collision efficiency factor for heteroaggregation: Extension to soft interactions. Journal of Chemical Physics, 2008, 128, 044913.	3.0	2
101	The Effect of Particle-Particle Interaction Forces on the Flow Properties of Silica Slurries. , 2007, , 1147.		0
102	The Influence of Zeta Potential and Yield Stress on the Filtration Characteristics of a Magnesium Hydroxide Simulant. , 2007, , 1133.		1
103	Surface ATRP of Hydrophilic Monomers from Ultrafine Aqueous Silica Sols Using Anionic Polyelectrolytic Macroinitiators. Langmuir, 2007, 23, 408-413.	3.5	54
104	Direct Observation of the Phase Transition for a Poly( <i>N</i> -isopropylacryamide) Layer Grafted onto a Solid Surface by AFM and QCM-D. Langmuir, 2007, 23, 11083-11088.	3.5	123
105	Direct Visualization of a Self-Organized Multilayer Film of Low Tg Diblock Copolymer Micelles. Journal of Physical Chemistry B, 2007, 111, 5536-5541.	2.6	18
106	Salt-Induced Structural Behavior for Poly( <i>N</i> -isopropylacryamide) Grafted onto Solid Surface Observed Directly by AFM and QCM-D. Macromolecules, 2007, 40, 9045-9052.	4.8	49
107	Polymerized Rodlike Micelle Adsorption at the Solidâ”Liquid Interface. Langmuir, 2007, 23, 8094-8102.	3.5	14
108	Synthesis of Zwitterionic Diblock Copolymers without Protecting Group Chemistry. Macromolecules, 2007, 40, 157-167.	4.8	28

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109	Layer-by-Layer Formation of Smart Particle Coatings Using Oppositely Charged Block Copolymer Micelles. <i>Advanced Materials</i> , 2007, 19, 247-250.	21.0	67
110	pH-responsive behavior of selectively quaternized diblock copolymers adsorbed at the silica/aqueous solution interface. <i>Journal of Colloid and Interface Science</i> , 2007, 314, 381-388.	9.4	22
111	Examining soft particulates using an atomic force microscope and a quartz crystal microbalance. <i>Advanced Powder Technology</i> , 2007, 18, 615-629.	4.1	2
112	The Rheology of Oxide Dispersions and the Role of Concentrated Electrolyte Solutions. , 2007, , .		2
113	Influence of polymers on particulate dispersion stability: Scanning probe microscopy investigations. , 2007, , 185-226.		0
114	Nuclear Waste Treatment: Studying the Mixed Ion Type Effects and Concentration on the Behaviour of Oxide Dispersions. , 2007, , .		0
115	pH-Responsive Diblock Copolymer Micelles at the Silica/Aqueous Solution Interface:Â Adsorption Kinetics and Equilibrium Studies. <i>Journal of Physical Chemistry B</i> , 2006, 110, 14744-14753.	2.6	37
116	Spontaneous Formation of an â€œAntidropâ€: <i>Langmuir</i> , 2006, 22, 522-523.	3.5	6
117	Comparison of the Adsorption of Cationic Diblock Copolymer Micelles from Aqueous Solution onto Mica and Silica. <i>Langmuir</i> , 2006, 22, 5328-5333.	3.5	36
118	Characterizing the pH-Responsive Behavior of Thin Films of Diblock Copolymer Micelles at the Silica/Aqueous Solution Interface. <i>Langmuir</i> , 2006, 22, 8435-8442.	3.5	42
119	Aggregate Structures and Solid-Liquid Separation Processes. <i>KONA Powder and Particle Journal</i> , 2006, 24, 41-53.	1.7	21
120	First steps: the UK national prevalence study of the mistreatment and abuse of older people. <i>Journal of Adult Protection, The</i> , 2006, 8, 4-11.	0.8	16
121	Observed transition from linear to non-linear frictionâ€“load behavior using a lateral force microscope. <i>Applied Surface Science</i> , 2006, 252, 4964-4968.	6.1	5
122	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> , 2006, 303, 372-379.	9.4	14
123	Wear of a single asperity using Lateral Force Microscopy. <i>Tribology Letters</i> , 2006, 24, 257-263.	2.6	6
124	An improved collision efficiency model for particle aggregation. <i>Journal of Chemical Physics</i> , 2006, 125, 184906.	3.0	13
125	Heteroaggregation with nanoparticles: effect of particle size ratio on optimum particle dose. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2005, 255, 85-90.	4.7	68
126	Special Issueâ€”7th World Congress of Chemical Engineering. <i>Chemical Engineering Research and Design</i> , 2005, 83, 771-772.	5.6	0



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127	Bi-modal hetero-aggregation rate response to particle dosage. <i>Journal of Chemical Physics</i> , 2005, 123, 204904.	3.0	5
128	Tunable diblock copolymer micelles—adapting behaviour via subtle chemical modifications. <i>Faraday Discussions</i> , 2005, 128, 193-209.	3.2	34
129	Direct Comparison of Atomic Force Microscopic and Total Internal Reflection Microscopic Measurements in the Presence of Nonadsorbing Polyelectrolytes. <i>Langmuir</i> , 2005, 21, 5421-5428.	3.5	62
130	Dewatering properties of dual-polymer-flocculated systems. <i>International Journal of Mineral Processing</i> , 2004, 73, 145-160.	2.6	49
131	The flocculation efficiency of polydisperse polymer flocculants. <i>International Journal of Mineral Processing</i> , 2004, 73, 161-175.	2.6	69
132	Nano-Anemones: Stimulus-Responsive Copolymer-Micelle Surfaces. <i>Advanced Materials</i> , 2004, 16, 1794-1798.	21.0	90
133	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> , 2004, 74, 281-287.	2.6	47
134	The effect of surfactant adsorption on liquid boundary slippage. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2004, 339, 60-65.	2.6	38
135	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> , 2004, 6, 2379-2386.	2.8	56
136	Effect of aggregate size on sediment bed rheological properties. <i>Physical Chemistry Chemical Physics</i> , 2004, 6, 4490.	2.8	27
137	The Adsorption of Polymerized Rodlike Micelles at the Solid~Liquid Interface. <i>Langmuir</i> , 2004, 20, 1085-1094.	3.5	15
138	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> , 2003, 266, 236-244.	9.4	129
139	Mechanism of cationic surfactant adsorption at the solid~aqueous interface. <i>Advances in Colloid and Interface Science</i> , 2003, 103, 219-304.	14.7	557
140	The rheology of concentrated suspensions of depletion-flocculated latex particles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2003, 214, 173-180.	4.7	12
141	Adsorption of 12-s-12 Gemini Surfactants at the Silica~Aqueous Solution Interface. <i>Journal of Physical Chemistry B</i> , 2003, 107, 2978-2985.	2.6	87
142	Adsorption of Ionic Surfactants to a Plasma Polymer Substrate. <i>Langmuir</i> , 2003, 19, 4222-4227.	3.5	13
143	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> , 2003, 36, 2903-2906.	4.8	28
144	Control of Persistent Nonequilibrium Adsorbed Polymer Layer Structure by Transient Exposure to Surfactants. <i>Langmuir</i> , 2003, 19, 2736-2744.	3.5	33

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145	Calibration of colloid probe cantilevers using the dynamic viscous response of a confined liquid. Review of Scientific Instruments, 2003, 74, 4026-4032.	1.3	24
146	Oscillatory Packing and Depletion of Polyelectrolyte Molecules at an Oxide-Water Interface. Journal of Physical Chemistry B, 2002, 106, 11557-11564.	2.6	53
147	The Formation of an Irreversibly Adsorbed and Organized Micelle Layer at the Solid-Liquid Interface. Nano Letters, 2002, 2, 1409-1412.	9.1	17
148	Direct measurements of the adhesion between a glass particle and a glass surface in a humid atmosphere. Journal of Adhesion Science and Technology, 2002, 16, 869-885.	2.6	48
149	Self-Organized Monolayer Films of Stimulus-Responsive Micelles. Nano Letters, 2002, 2, 1307-1313.	9.1	72
150	The Effect of Molecular Weight of Nonadsorbing Polymer on the Structure of Depletion-Induced Floccs. Journal of Colloid and Interface Science, 2002, 247, 24-32.	9.4	35
151	Drop Penetration into Porous Powder Beds. Journal of Colloid and Interface Science, 2002, 253, 353-366.	9.4	235
152	Viscosity Effect on the Structural Compactness of Latex Floccs Formed under Weak Depletion Attractions. Journal of Colloid and Interface Science, 2002, 255, 91-97.	9.4	3
153	Slow Organization of Cationic Surfactant Adsorbed to Silica from Solutions Far below the CMC. Journal of Physical Chemistry B, 2001, 105, 9537-9540.	2.6	34
154	Adsorption Kinetics and Structural Arrangements of Cetylpyridinium Bromide at the Silica-Aqueous Interface. Langmuir, 2001, 17, 6155-6163.	3.5	100
155	Adsorption of Amphiphilic Diblock Copolymer Micelles at the Mica/Solution Interface. Langmuir, 2001, 17, 5551-5561.	3.5	62
156	Production of high internal phase emulsions using rising air bubbles. Chemical Engineering Science, 2001, 56, 6285-6293.	3.8	13
157	An atomic force microscopy study of weathering of polyester/melamine paint surfaces. Progress in Organic Coatings, 2001, 42, 49-58.	3.9	26
158	A Foucauldian Analysis of Old Age and the Power of Social Welfare. Journal of Aging and Social Policy, 2001, 12, 93-112.	1.6	100
159	Quantitative comparison of three calibration techniques for the lateral force microscope. Review of Scientific Instruments, 2001, 72, 3304-3312.	1.3	55
160	Microscopic and macroscopic aspects of stick-slip motion in granular shear. Physical Review E, 2001, 64, 016413.	2.1	40
161	Force Calibration in Lateral Force Microscopy. Journal of Colloid and Interface Science, 2000, 227, 55-65.	9.4	87
162	Lateral Force Microscopy Study of the Friction between Silica Surfaces. Journal of Colloid and Interface Science, 2000, 232, 133-140.	9.4	26

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