

# John Ralston

## List of Publications by Year in descending order

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303  
papers

18,668  
citations

7568

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20358

116  
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304  
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304  
docs citations

304  
times ranked

12326  
citing authors

#	ARTICLE	IF	CITATIONS
1	Face or Edge? Control of Molybdenite Surface Interactions with Divalent Cations. Journal of Physical Chemistry C, 2020, 124, 372-381.	3.1	14
2	The scientific legacy of Joseph Kitchener- its impact in colloid science and flotation. Minerals Engineering, 2020, 149, 106230.	4.3	2
3	CO2-responsive surfactants with tunable switching pH. Journal of Colloid and Interface Science, 2019, 557, 185-195.	9.4	35
4	Surface broken bonds: An efficient way to assess the surface behaviour of fluorite. Minerals Engineering, 2019, 130, 15-23.	4.3	84
5	Dynamic wetting of imidazolium-based ionic liquids on gold and glass. Physical Chemistry Chemical Physics, 2018, 20, 2084-2093.	2.8	22
6	Microfluidic solvent extraction, stripping, and phase disengagement for high-value platinum chloride solutions. Chemical Engineering Science, 2015, 138, 827-833.	3.8	20
7	Static and dynamic wetting behaviour of ionic liquids. Advances in Colloid and Interface Science, 2015, 222, 162-171.	14.7	52
8	Spectroscopic study of ionic liquid adsorption from solution onto gold. Physical Chemistry Chemical Physics, 2015, 17, 4199-4209.	2.8	29
9	Dynamics of capillary-driven liquid-liquid displacement in open microchannels. Physical Chemistry Chemical Physics, 2014, 16, 24473-24478.	2.8	27
10	Thin liquid films in wetting, spreading, and surface interactions: A collection of papers presented at 6th Australian Colloid and Interface Symposium. Advances in Colloid and Interface Science, 2014, 210, 1.	14.7	0
11	The influence of topography on dynamic wetting. Advances in Colloid and Interface Science, 2014, 206, 275-293.	14.7	98
12	Cascade partial coalescence phenomena at electrolyte-oil interfaces and determination of bounds for the surface potential. Soft Matter, 2013, 9, 4516.	2.7	3
13	Influence of adsorbed gas at liquid/solid interfaces on heterogeneous cavitation. Chemical Science, 2013, 4, 248-256.	7.4	53
14	Capillary rise dynamics of aqueous glycerol solutions in glass capillaries: A critical examination of the Washburn equation. Journal of Colloid and Interface Science, 2013, 411, 257-264.	9.4	36
15	Dynamic Electrowetting and Dewetting of Ionic Liquids at a Hydrophobic Solid-Liquid Interface. Langmuir, 2013, 29, 2631-2639.	3.5	47
16	Contact Line Motion on Nanorough Surfaces: A Thermally Activated Process. Journal of the American Chemical Society, 2013, 135, 7159-7171.	13.7	48
17	A quantitative experimental study of wetting hysteresis on discrete and continuous chemical heterogeneities. Colloid and Polymer Science, 2013, 291, 271-277.	2.1	14
18	Patterning of wettability for controlling capillary-driven flow in closed channels. Journal of Colloid and Interface Science, 2013, 402, 259-266.	9.4	10

#	ARTICLE	IF	CITATIONS
19	Molecularly-Thin Precursor Films of Imidazolium-Based Ionic Liquids on Mica. <i>Journal of Physical Chemistry C</i> , 2013, 117, 23676-23684.	3.1	46
20	Microfluidic Solvent Extraction of Metal Ions from Industrial Grade Leach Solutions: Extraction Performance and Channel Aging. <i>Journal of Flow Chemistry</i> , 2013, 3, 76-80.	1.9	14
21	Electrowetting of Ionic Liquids on Teflon AF1600 in Ambient Hexadecane. <i>Journal of Adhesion Science and Technology</i> , 2012, 26, 2047-2067.	2.6	9
22	The analytical model of nanoparticle recovery by microflotation. <i>Advances in Colloid and Interface Science</i> , 2012, 179-182, 114-122.	14.7	11
23	Femtoliter Droplet Handling in Nanofluidic Channels: A Laplace Nanovalve. <i>Analytical Chemistry</i> , 2012, 84, 10812-10816.	6.5	46
24	Nanoroughness Impact on Liquid-Liquid Displacement. <i>Journal of Physical Chemistry C</i> , 2012, 116, 10934-10943.	3.1	19
25	Role of Surface Charge and Hydrophobicity in the Three-Phase Contact Formation and Wetting Film Stability under Dynamic Conditions. <i>Journal of Physical Chemistry C</i> , 2012, 116, 3071-3078.	3.1	40
26	Properties of Fatty Amine-Silica Nanoparticle Interfacial Layers at the Hexane-Water Interface. <i>Journal of Physical Chemistry C</i> , 2012, 116, 3050-3058.	3.1	53
27	Hydrodynamics in nanoscale confinement: SFA and colloid probe AFM liquid drainage experiments. <i>Journal of Physics: Conference Series</i> , 2012, 392, 012009.	0.4	2
28	Microfluidic Solvent Extraction of Metal Ions and Complexes from Leach Solutions Containing Nanoparticles. <i>Chemical Engineering and Technology</i> , 2012, 35, 1312-1319.	1.5	48
29	Structure-induced spreading of liquid in micropillar arrays. <i>Microsystem Technologies</i> , 2012, 18, 167-173.	2.0	9
30	Microplasma patterning of bonded microchannels using high-precision injected-electrodes. <i>Lab on A Chip</i> , 2011, 11, 541-544.	6.0	50
31	Contact Line Friction in Liquid-Liquid Displacement on Hydrophobic Surfaces. <i>Journal of Physical Chemistry C</i> , 2011, 115, 24975-24986.	3.1	44
32	Electrostatics and Metal Oxide Wettability. <i>Journal of Physical Chemistry C</i> , 2011, 115, 14914-14921.	3.1	26
33	Exploring Defect Height and Angle on Asymmetric Contact Line Pinning. <i>Journal of Physical Chemistry C</i> , 2011, 115, 14907-14913.	3.1	18
34	Dynamic wetting of a fluoropolymer surface by ionic liquids. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 3952.	2.8	44
35	Ultrathin Wetting Films on Hydrophilic Titania Surfaces: Equilibrium and Dynamic Behavior. <i>Journal of Physical Chemistry C</i> , 2011, 115, 11065-11076.	3.1	14
36	Cells as Factories for Humanized Encapsulation. <i>Nano Letters</i> , 2011, 11, 2152-2156.	9.1	64

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37	Dynamic aspects of small bubble and hydrophilic solid encounters. <i>Advances in Colloid and Interface Science</i> , 2011, 168, 198-209.	14.7	21
38	Dynamics of Capillary-Driven Flow in Open Microchannels. <i>Journal of Physical Chemistry C</i> , 2011, 115, 18761-18769.	3.1	120
39	Microfluidic extraction of copper from particle-laden solutions. <i>International Journal of Mineral Processing</i> , 2011, 98, 168-173.	2.6	55
40	Shear-induced coalescence of oil-in-water Pickering emulsions. <i>Journal of Colloid and Interface Science</i> , 2011, 361, 170-177.	9.4	84
41	Photosensitized dimerization in pyrimidine-based thin solid films. <i>Thin Solid Films</i> , 2011, 519, 6010-6014.	1.8	0
42	Integration of microplasma and microfluidic technologies for localised microchannel surface modification. <i>Proceedings of SPIE</i> , 2011, , .	0.8	2
43	Phoretic motion of spheroidal particles due to self-generated solute gradients. <i>European Physical Journal E</i> , 2010, 31, 351-367.	1.6	117
44	Selective separation of very fine particles at a planar air/water interface. <i>International Journal of Mineral Processing</i> , 2010, 94, 35-42.	2.6	19
45	The limits of fine particle flotation. <i>Minerals Engineering</i> , 2010, 23, 420-437.	4.3	304
46	Structure of oil-in-water emulsions stabilised by silica and hydrophobised titania particles. <i>Journal of Colloid and Interface Science</i> , 2010, 342, 205-209.	9.4	37
47	Adsorption of modified dextrans to a hydrophobic surface: QCM-D studies, AFM imaging, and dynamic contact angle measurements. <i>Journal of Colloid and Interface Science</i> , 2010, 345, 417-426.	9.4	49
48	Foamability of aqueous suspensions of fine graphite and quartz particles with a triblock copolymer. <i>Journal of Colloid and Interface Science</i> , 2010, 348, 460-468.	9.4	13
49	Interfacial displacement of nanoparticles by surfactant molecules in emulsions. <i>Journal of Colloid and Interface Science</i> , 2010, 349, 537-543.	9.4	86
50	Preface to Special Topic: Surface Modification, Wetting, and Biological Interfaces (Guest Editors: John Tj ETQq0 0 0 rgBT /Overlock 10 T	2.4	0
51	Contact Line Pinning on Microstructured Surfaces for Liquids in the Wenzel State. <i>Langmuir</i> , 2010, 26, 860-865.	3.5	127
52	Reduction of Surface Hydrophobicity Using a Stimulus-Responsive Polysaccharide. <i>Langmuir</i> , 2010, 26, 15865-15874.	3.5	39
53	The Interaction between a Very Small Rising Bubble and a Hydrophilic Titania Surface. <i>Journal of Physical Chemistry C</i> , 2010, 114, 2273-2281.	3.1	46
54	Interpreting the Dynamic Interaction between a Very Small Rising Bubble and a Hydrophilic Titania Surface. <i>Journal of Physical Chemistry C</i> , 2010, 114, 1942-1946.	3.1	39

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55	Influence of Nanoroughness on Contact Line Motion. Journal of Physical Chemistry C, 2010, 114, 12675-12680.	3.1	12
56	Electrowetting of Aqueous Solutions of Ionic Liquid in Solid~Liquid~Liquid Systems. Journal of Physical Chemistry C, 2010, 114, 8383-8388.	3.1	48
57	Influence of Surface Charge on Wetting Kinetics. Langmuir, 2010, 26, 17218-17224.	3.5	47
58	Differential capacitance of the double layer at the electrode/ionic liquids interface. Physical Chemistry Chemical Physics, 2010, 12, 12499.	2.8	284
59	The unusual surface chemistry of $\alpha$ -Al <sub>2</sub> O <sub>3</sub> (0001). Physical Chemistry Chemical Physics, 2010, 12, 13724.	2.8	52
60	Static and Dynamic Electrowetting of an Ionic Liquid in a Solid/Liquid/Liquid System. Journal of the American Chemical Society, 2010, 132, 8301-8308.	13.7	84
61	Electrostatic attraction between a hydrophilic solid and a bubble. Physical Chemistry Chemical Physics, 2010, 12, 14527.	2.8	30
62	Orientation and mutual location of ions at the surface of ionic liquids. Physical Chemistry Chemical Physics, 2010, 12, 13816.	2.8	86
63	Interaction force between an air bubble and a hydrophilic spherical particle in water, measured by the colloid probe technique. International Journal of Mineral Processing, 2009, 92, 121-127.	2.6	35
64	Effect of adding anionic surfactant on the stability of Pickering emulsions. Journal of Colloid and Interface Science, 2009, 329, 173-181.	9.4	88
65	Functionalized gold nanoparticles: Synthesis, structure and colloid stability. Journal of Colloid and Interface Science, 2009, 331, 251-262.	9.4	351
66	The uniform capillary model for packed beds and particle wettability. Journal of Colloid and Interface Science, 2009, 337, 162-169.	9.4	19
67	Brownian diffusion of ultrafine particles to an air~water interface. Advanced Powder Technology, 2009, 20, 262-266.	4.1	4
68	Asymmetric Wetting Hysteresis on Hydrophobic Microstructured Surfaces. Langmuir, 2009, 25, 5655-5660.	3.5	69
69	Dynamic Dewetting Regimes Explored. Journal of Physical Chemistry C, 2009, 113, 8888-8894.	3.1	49
70	Design of Pyrimidine-Based Photoresponsive Surfaces and Light-Regulated Wettability. Langmuir, 2009, 25, 11486-11494.	3.5	3
71	Dynamics of Liquid~Liquid Displacement. Langmuir, 2009, 25, 8069-8074.	3.5	39
72	Effect of Adsorbed Polymers on Bubble~Particle Attachment. Langmuir, 2009, 25, 13290-13294.	3.5	26

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73	The Influence of Surface Hydrophobicity on Polyacrylamide Adsorption. Langmuir, 2009, 25, 4514-4521.	3.5	41
74	Experimental investigations of the wettability of clays and shales. Journal of Geophysical Research, 2009, 114, .	3.3	125
75	Microfluidic Solvent Extraction of Copper for Mineral Processing. , 2009, , .		0
76	Inferring wettability of heterogeneous surfaces by ToF-SIMS. Journal of Colloid and Interface Science, 2008, 320, 563-568.	9.4	32
77	The terminal rise velocity of 10â€“100 Î¼m diameter bubbles in water. Journal of Colloid and Interface Science, 2008, 322, 168-172.	9.4	144
78	Effect of oil soluble surfactant in emulsions stabilised by clay particles. Journal of Colloid and Interface Science, 2008, 323, 410-419.	9.4	73
79	Characterisation and stability of lipidâ€“DNA complexes. Colloids and Surfaces B: Biointerfaces, 2008, 67, 85-91.	5.0	7
80	In situ particle film ATR-FTIR studies of CMC adsorption on talc: The effect of ionic strength and multivalent metal ions. Minerals Engineering, 2008, 21, 1013-1019.	4.3	32
81	Angle-resolved X-ray photoelectron spectroscopy of the surface of imidazolium ionic liquids. Physical Chemistry Chemical Physics, 2008, 10, 1330.	2.8	185
82	Dynamics of Wetting from an Experimental Point of View. Annual Review of Materials Research, 2008, 38, 23-43.	9.3	102
83	Microfluidic polymer multilayer adsorption on liquid crystal droplets for microcapsule synthesis. Lab on A Chip, 2008, 8, 2182.	6.0	107
84	In Situ Particle Film ATR FTIR Spectroscopy of Carboxymethyl Cellulose Adsorption on Talc: Binding Mechanism, pH Effects, and Adsorption Kinetics. Langmuir, 2008, 24, 8036-8044.	3.5	121
85	Molecular Layering of Fluorinated Ionic Liquids at a Charged Sapphire (0001) Surface. Science, 2008, 322, 424-428.	12.6	576
86	Differential Capacitance of the Electrical Double Layer in Imidazolium-Based Ionic Liquids:â€“ Influence of Potential, Cation Size, and Temperature. Journal of Physical Chemistry C, 2008, 112, 7486-7495.	3.1	449
87	Influence of the Work of Adhesion on the Dynamic Wetting of Chemically Heterogeneous Surfaces. Langmuir, 2008, 24, 13007-13012.	3.5	40
88	Capillary Rise with Velocity-Dependent Dynamic Contact Angle. Langmuir, 2008, 24, 12710-12716.	3.5	94
89	A Mobile Gasâ€“Water Interface in Electrolyte Solutions. Journal of Physical Chemistry C, 2008, 112, 15094-15097.	3.1	57
90	Light-Induced Aggregation of Colloidal Gold Nanoparticles Capped by Thymine Derivatives. Langmuir, 2008, 24, 4506-4511.	3.5	33

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91	Adsorption of Modified Dextrins on Talc: Effect of Surface Coverage and Hydration Water on Hydrophobicity Reduction. <i>Langmuir</i> , 2008, 24, 6121-6127.	3.5	41
92	Water and ice in contact with octadecyl-trichlorosilane functionalized surfaces: A high resolution x-ray reflectivity study. <i>Journal of Chemical Physics</i> , 2008, 128, 244705.	3.0	75
93	Asymmetric Wetting Hysteresis on Chemical Defects. <i>Physical Review Letters</i> , 2007, 99, 026103.	7.8	54
94	Kinetics of CO <sub>2</sub> nanobubble formation at the solid/water interface. <i>Physical Chemistry Chemical Physics</i> , 2007, 9, 6327.	2.8	44
95	Synthesis and Surface Structure of Thymine-Functionalized, Self-Assembled Monolayer-Protected Gold Nanoparticles. <i>Langmuir</i> , 2007, 23, 9170-9177.	3.5	35
96	Colloid Stability of Thymine-Functionalized Gold Nanoparticles. <i>Langmuir</i> , 2007, 23, 12096-12103.	3.5	35
97	Dynamics of Dewetting at the Nanoscale Using Molecular Dynamics. <i>Langmuir</i> , 2007, 23, 3774-3785.	3.5	34
98	Fabrication of silica-on-titania and titania-on-silica nanoparticle assemblies. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2007, 292, 1-7.	4.7	6
99	Reducing uncertainty in mineral flotation—flotation rate constant prediction for particles in an operating plant ore. <i>International Journal of Mineral Processing</i> , 2007, 84, 89-98.	2.6	51
100	The Limits of Fine and Coarse Particle Flotation. <i>Canadian Journal of Chemical Engineering</i> , 2007, 85, 739-747.	1.7	116
101	The Influence of Polymer Structure and Morphology on Talc Wettability. <i>Langmuir</i> , 2006, 22, 3221-3227.	3.5	41
102	Electrowetting of Ionic Liquids. <i>Journal of the American Chemical Society</i> , 2006, 128, 3098-3101.	13.7	138
103	The formation and stability of self-assembled monolayers of octadecylphosphonic acid on titania. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2006, 291, 51-58.	4.7	44
104	Effect of surface oxide/hydroxide products on the collectorless flotation of copper-activated sphalerite. <i>International Journal of Mineral Processing</i> , 2006, 78, 231-237.	2.6	85
105	Influence of adsorbed polysaccharides and polyacrylamides on talc flotation. <i>International Journal of Mineral Processing</i> , 2006, 78, 238-249.	2.6	67
106	An in situ ATR-FTIR study of polyacrylamide adsorption at the talc surface. <i>Journal of Colloid and Interface Science</i> , 2006, 297, 54-61.	9.4	125
107	Influence of very small bubbles on particle/bubble heterocoagulation. <i>Journal of Colloid and Interface Science</i> , 2006, 301, 168-175.	9.4	60
108	Directed crystallisation of zinc oxide on patterned surfaces. <i>Journal of Colloid and Interface Science</i> , 2006, 303, 333-336.	9.4	17

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109	Effect of polyphosphate and naphthalene sulfonate formaldehyde condensate on the rheological properties of dewatered tailings and cemented paste backfill. Minerals Engineering, 2006, 19, 28-36.	4.3	87
110	The effect of polysaccharides and polyacrylamides on the depression of talc and the flotation of sulphide minerals. Minerals Engineering, 2006, 19, 598-608.	4.3	68
111	The interfacial conformation of polypropylene glycols and their foam properties. Minerals Engineering, 2006, 19, 703-712.	4.3	11
112	High-resolution in situ x-ray study of the hydrophobic gap at the water-octadecyl-trichlorosilane interface. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 18401-18404.	7.1	252
113	Colloid stability of synthetic titania and the influence of surface roughness. Journal of Colloid and Interface Science, 2005, 286, 526-535.	9.4	41
114	Investigation of the role of interfacial chemistry on particle interactions, sedimentation and electroosmotic dewatering of model kaolinite dispersions. Powder Technology, 2005, 160, 35-39.	4.2	26
115	Interfacial chemistry, particle interactions and improved dewatering behaviour of smectite clay dispersions. International Journal of Mineral Processing, 2005, 75, 155-171.	2.6	54
116	Pentlandite-lizardite interactions and implications for their separation by flotation. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2005, 252, 207-212.	4.7	114
117	The role of surfactant structure on foam behaviour. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2005, 263, 233-238.	4.7	47
118	Foaming of polypropylene glycols and glycol/MIBC mixtures. Minerals Engineering, 2005, 18, 179-188.	4.3	65
119	Effect of iron content in sphalerite on flotation. Minerals Engineering, 2005, 18, 1120-1122.	4.3	44
120	Solid-Liquid Interactions and Functional Surface Wettability. ChemInform, 2005, 36, no.	0.0	0
121	Cu(II) and Ni(II) activation in the flotation of quartz, lizardite and chlorite. International Journal of Mineral Processing, 2005, 76, 75-81.	2.6	92
122	The selective aggregation and separation of titania from a mixed suspension of silica and titania. International Journal of Mineral Processing, 2005, 78, 1-10.	2.6	14
123	Marangoni effects in aqueous polypropylene glycol foams. Journal of Colloid and Interface Science, 2005, 286, 719-729.	9.4	38
124	Solid-Liquid Interactions and Functional Surface Wettability. Australian Journal of Chemistry, 2005, 58, 644.	0.9	13
125	Atomic force microscopy and direct surface force measurements (IUPAC Technical Report). Pure and Applied Chemistry, 2005, 77, 2149-2170.	1.9	140
126	Thermally- and Photoinduced Changes in the Water Wettability of Low-Surface-Area Silica and Titania. Langmuir, 2005, 21, 2400-2407.	3.5	118



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127	Preparation of Silica-on-Titania Patterns with a Wettability Contrast. Langmuir, 2005, 21, 5790-5794.	3.5	24
128	Contact Angle Saturation in Electrowetting. Journal of Physical Chemistry B, 2005, 109, 6268-6275.	2.6	205
129	Light-Induced Surface Wettability of a Tethered DNA Base. Langmuir, 2005, 21, 11922-11931.	3.5	21
130	Morphology of Adsorbed Polymers and Solid Surface Wettability. Langmuir, 2005, 21, 4695-4704.	3.5	27
131	WETTABILITY AND SURFACE ENERGETICS OF ROUGH FLUOROPOLYMER SURFACES. Journal of Adhesion, 2004, 80, 497-520.	3.0	31
132	Contact angle measurements using the Wilhelmy balance for asymmetrically treated samples. Journal of Adhesion Science and Technology, 2004, 18, 29-37.	2.6	5
133	Flocculation and dewatering behaviour of smectite dispersions: effect of polymer structure type. Minerals Engineering, 2004, 17, 411-423.	4.3	94
134	The interfacial conformation of polypropylene glycols and foam behaviour. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2004, 250, 307-315.	4.7	23
135	Temperature influence of nonionic polyethylene oxide and anionic polyacrylamide on flocculation and dewatering behavior of kaolinite dispersions. Journal of Colloid and Interface Science, 2004, 271, 145-156.	9.4	130
136	Interfacial chemistry and particle interactions and their impact upon the dewatering behaviour of iron oxide dispersions. Hydrometallurgy, 2004, 74, 221-231.	4.3	31
137	Influence of hydrolyzable metal ions on the interfacial chemistry, particle interactions, and dewatering behavior of kaolinite dispersions. Journal of Colloid and Interface Science, 2003, 261, 349-359.	9.4	96
138	Bubble particle heterocoagulation under turbulent conditions. Journal of Colloid and Interface Science, 2003, 265, 141-151.	9.4	162
139	The interaction of linear polyphosphates with zincite surfaces. International Journal of Mineral Processing, 2003, 68, 1-16.	2.6	16
140	Control of grinding conditions in the flotation of chalcopyrite and its separation from pyrite. International Journal of Mineral Processing, 2003, 69, 87-100.	2.6	123
141	Control of grinding conditions in the flotation of galena and its separation from pyrite. International Journal of Mineral Processing, 2003, 70, 67-82.	2.6	89
142	Characterisation of sphalerite and pyrite flotation samples by XPS and ToF-SIMS. International Journal of Mineral Processing, 2003, 70, 205-219.	2.6	86
143	Investigation of the effect of polymer structure type on flocculation, rheology and dewatering behaviour of kaolinite dispersions. International Journal of Mineral Processing, 2003, 71, 247-268.	2.6	185
144	Calculation of the flotation rate constant of chalcopyrite particles in an ore. International Journal of Mineral Processing, 2003, 72, 227-237.	2.6	100

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145	Colloid Stability and the Influence of Dissolved Gas. Journal of Physical Chemistry B, 2003, 107, 2986-2994.	2.6	72
146	Dynamics of Partial Wetting and Dewetting of an Amorphous Fluoropolymer by Pure Liquids. Langmuir, 2003, 19, 2795-2801.	3.5	50
147	Dynamics of Partial Wetting and Dewetting in Well-Defined Systems. Journal of Physical Chemistry B, 2003, 107, 1634-1645.	2.6	77
148	Influence of the Electrical Double Layer in Electrowetting. Journal of Physical Chemistry B, 2003, 107, 1163-1169.	2.6	144
149	Very Small Bubble Formation at the Solid-Water Interface. Journal of Physical Chemistry B, 2003, 107, 6139-6147.	2.6	277
150	Wettability of Photoresponsive Titanium Dioxide Surfaces. Langmuir, 2003, 19, 3272-3275.	3.5	138
151	Influence of Dissolved Gas on van der Waals Forces between Bubbles and Particles. Journal of Physical Chemistry A, 2002, 106, 689-696.	2.5	42
152	Novel Approach to the Formation of Smooth Gold Surfaces. Langmuir, 2002, 18, 2438-2440.	3.5	12
153	The use of a factorial experimental design to study collector properties of N-allyl-O-alkyl thionocarbamate collector in the flotation of a copper ore. Minerals Engineering, 2002, 15, 333-340.	4.3	30
154	Towards prediction of oxidation during grinding I. Galena flotation. Minerals Engineering, 2002, 15, 493-498.	4.3	30
155	Pentlandite-feldspar interaction and its effect on separation by flotation. International Journal of Mineral Processing, 2002, 66, 89-106.	2.6	24
156	Polymer depressants at the talc-water interface: adsorption isotherm, microflotation and electrokinetic studies. International Journal of Mineral Processing, 2002, 67, 211-227.	2.6	134
157	Electrokinetic properties of methylated quartz capillaries. Advances in Colloid and Interface Science, 2002, 96, 265-278.	14.7	82
158	Wetting film stability and flotation kinetics. Advances in Colloid and Interface Science, 2002, 95, 145-236.	14.7	110
159	Colloidal iron oxide slime coatings and galena particle flotation. Minerals Engineering, 2001, 14, 487-497.	4.3	47
160	The electrochemistry of PbII activated sphalerite in relation to flotation. Minerals Engineering, 2001, 14, 1009-1017.	4.3	18
161	Depression of iron sulphide flotation in zinc roughers. Minerals Engineering, 2001, 14, 1067-1079.	4.3	23
162	Selective depression of pyrite with polyacrylamide polymers. International Journal of Mineral Processing, 2001, 61, 13-22.	2.6	75

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163	Separation of enargite and tennantite from non-arsenic copper sulfide minerals by selective oxidation or dissolution. International Journal of Mineral Processing, 2001, 61, 109-119.	2.6	56
164	Flotation of sphalerite and pyrite in the presence of sodium sulfite. International Journal of Mineral Processing, 2001, 63, 17-28.	2.6	69
165	The hydrophobic force in flotation-a critique. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2001, 192, 39-51.	4.7	82
166	Modification of the rheological properties of concentrated slurries by control of mineral-solution interfacial chemistry. International Journal of Mineral Processing, 2000, 59, 305-325.	2.6	17
167	Particle-bubble collision models a review. Advances in Colloid and Interface Science, 2000, 85, 231-256.	14.7	274
168	Electrowetting: a model for contact-angle saturation. Colloid and Polymer Science, 2000, 278, 789-793.	2.1	213
169	The dissolution and interactions of gibbsite particles in alkaline media. Developments in Mineral Processing, 2000, 13, C6-1-C6-7.	0.0	5
170	Selectivity in the polymer assisted separation of galena from quartz by flotation. Minerals Engineering, 2000, 13, 843-856.	4.3	11
171	Control of slime coatings by the use of anionic phosphates: A fundamental study. Minerals Engineering, 2000, 13, 1059-1069.	4.3	32
172	Oscillatory and ion-correlation forces observed in direct force measurements between silica surfaces in concentrated CaCl <sub>2</sub> solutions. Physical Chemistry Chemical Physics, 2000, 2, 2623-2628.	2.8	29
173	Metal oxide surfaces separated by aqueous solutions of linear polyphosphates: DLVO and non-DLVO interaction forces. Physical Chemistry Chemical Physics, 2000, 2, 5678-5683.	2.8	39
174	Electrically Induced Changes in Dynamic Wettability. Langmuir, 2000, 16, 2924-2927.	3.5	55
175	The interaction of linear polyphosphates with titanium dioxide surfaces. Physical Chemistry Chemical Physics, 2000, 2, 2985-2992.	2.8	79
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177	The interaction between particles and bubbles. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 1999, 151, 3-14.	4.7	88
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