

John Ralston

List of Publications by Year in descending order

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303
papers

18,668
citations

8755

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23173

116
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304
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304
docs citations

304
times ranked

13995
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.	1.5	14
2	The scientific legacy of Joseph Kitchener- its impact in colloid science and flotation. Minerals Engineering, 2020, 149, 106230.	1.8	2
3	CO ₂ -responsive surfactants with tunable switching pH. Journal of Colloid and Interface Science, 2019, 557, 185-195.	5.0	35
4	Surface broken bonds: An efficient way to assess the surface behaviour of fluorite. Minerals Engineering, 2019, 130, 15-23.	1.8	84
5	Dynamic wetting of imidazolium-based ionic liquids on gold and glass. Physical Chemistry Chemical Physics, 2018, 20, 2084-2093.	1.3	22
6	Microfluidic solvent extraction, stripping, and phase disengagement for high-value platinum chloride solutions. Chemical Engineering Science, 2015, 138, 827-833.	1.9	20
7	Static and dynamic wetting behaviour of ionic liquids. Advances in Colloid and Interface Science, 2015, 222, 162-171.	7.0	52
8	Spectroscopic study of ionic liquid adsorption from solution onto gold. Physical Chemistry Chemical Physics, 2015, 17, 4199-4209.	1.3	29
9	Dynamics of capillary-driven liquid-liquid displacement in open microchannels. Physical Chemistry Chemical Physics, 2014, 16, 24473-24478.	1.3	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.	7.0	0
11	The influence of topography on dynamic wetting. Advances in Colloid and Interface Science, 2014, 206, 275-293.	7.0	98
12	Cascade partial coalescence phenomena at electrolyte-oil interfaces and determination of bounds for the surface potential. Soft Matter, 2013, 9, 4516.	1.2	3
13	Influence of adsorbed gas at liquid/solid interfaces on heterogeneous cavitation. Chemical Science, 2013, 4, 248-256.	3.7	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.	5.0	36
15	Dynamic Electrowetting and Dewetting of Ionic Liquids at a Hydrophobic Solid-Liquid Interface. Langmuir, 2013, 29, 2631-2639.	1.6	47
16	Contact Line Motion on Nanorough Surfaces: A Thermally Activated Process. Journal of the American Chemical Society, 2013, 135, 7159-7171.	6.6	48
17	A quantitative experimental study of wetting hysteresis on discrete and continuous chemical heterogeneities. Colloid and Polymer Science, 2013, 291, 271-277.	1.0	14
18	Patterning of wettability for controlling capillary-driven flow in closed channels. Journal of Colloid and Interface Science, 2013, 402, 259-266.	5.0	10

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19	Molecularly-Thin Precursor Films of Imidazolium-Based Ionic Liquids on Mica. <i>Journal of Physical Chemistry C</i> , 2013, 117, 23676-23684.	1.5	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.	1.2	14
21	Electrowetting of Ionic Liquids on Teflon AF1600 in Ambient Hexadecane. <i>Journal of Adhesion Science and Technology</i> , 2012, 26, 2047-2067.	1.4	9
22	The analytical model of nanoparticle recovery by microflotation. <i>Advances in Colloid and Interface Science</i> , 2012, 179-182, 114-122.	7.0	11
23	Femtoliter Droplet Handling in Nanofluidic Channels: A Laplace Nanovalve. <i>Analytical Chemistry</i> , 2012, 84, 10812-10816.	3.2	46
24	Nanoroughness Impact on Liquid-Liquid Displacement. <i>Journal of Physical Chemistry C</i> , 2012, 116, 10934-10943.	1.5	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.	1.5	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.	1.5	53
27	Hydrodynamics in nanoscale confinement: SFA and colloid probe AFM liquid drainage experiments. <i>Journal of Physics: Conference Series</i> , 2012, 392, 012009.	0.3	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.	0.9	48
29	Structure-induced spreading of liquid in micropillar arrays. <i>Microsystem Technologies</i> , 2012, 18, 167-173.	1.2	9
30	Microplasma patterning of bonded microchannels using high-precision injected-electrodes. <i>Lab on a Chip</i> , 2011, 11, 541-544.	3.1	50
31	Contact Line Friction in Liquid-Liquid Displacement on Hydrophobic Surfaces. <i>Journal of Physical Chemistry C</i> , 2011, 115, 24975-24986.	1.5	44
32	Electrostatics and Metal Oxide Wettability. <i>Journal of Physical Chemistry C</i> , 2011, 115, 14914-14921.	1.5	26
33	Exploring Defect Height and Angle on Asymmetric Contact Line Pinning. <i>Journal of Physical Chemistry C</i> , 2011, 115, 14907-14913.	1.5	18
34	Dynamic wetting of a fluoropolymer surface by ionic liquids. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 3952.	1.3	44
35	Ultrathin Wetting Films on Hydrophilic Titania Surfaces: Equilibrium and Dynamic Behavior. <i>Journal of Physical Chemistry C</i> , 2011, 115, 11065-11076.	1.5	14
36	Cells as Factories for Humanized Encapsulation. <i>Nano Letters</i> , 2011, 11, 2152-2156.	4.5	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.	7.0	21
38	Dynamics of Capillary-Driven Flow in Open Microchannels. <i>Journal of Physical Chemistry C</i> , 2011, 115, 18761-18769.	1.5	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.	5.0	84
41	Photosensitized dimerization in pyrimidine-based thin solid films. <i>Thin Solid Films</i> , 2011, 519, 6010-6014.	0.8	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.	0.7	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.	1.8	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.	5.0	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.	5.0	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.	5.0	13
49	Interfacial displacement of nanoparticles by surfactant molecules in emulsions. <i>Journal of Colloid and Interface Science</i> , 2010, 349, 537-543.	5.0	86
50	Preface to Special Topic: Surface Modification, Wetting, and Biological Interfaces (Guest Editors: John Tj ETQq0 0 Q rgBT /Ovrlock 10 T	1.2	0
51	Contact Line Pinning on Microstructured Surfaces for Liquids in the Wenzel State. <i>Langmuir</i> , 2010, 26, 860-865.	1.6	127
52	Reduction of Surface Hydrophobicity Using a Stimulus-Responsive Polysaccharide. <i>Langmuir</i> , 2010, 26, 15865-15874.	1.6	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.	1.5	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.	1.5	39

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55	Influence of Nanoroughness on Contact Line Motion. <i>Journal of Physical Chemistry C</i> , 2010, 114, 12675-12680.	1.5	12
56	Electrowetting of Aqueous Solutions of Ionic Liquid in Solid~Liquid~Liquid Systems. <i>Journal of Physical Chemistry C</i> , 2010, 114, 8383-8388.	1.5	48
57	Influence of Surface Charge on Wetting Kinetics. <i>Langmuir</i> , 2010, 26, 17218-17224.	1.6	47
58	Differential capacitance of the double layer at the electrode/ionic liquids interface. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 12499.	1.3	284
59	The unusual surface chemistry of γ -Al ₂ O ₃ (0001). <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 13724.	1.3	52
60	Static and Dynamic Electrowetting of an Ionic Liquid in a Solid/Liquid/Liquid System. <i>Journal of the American Chemical Society</i> , 2010, 132, 8301-8308.	6.6	84
61	Electrostatic attraction between a hydrophilic solid and a bubble. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 14527.	1.3	30
62	Orientation and mutual location of ions at the surface of ionic liquids. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 13816.	1.3	86
63	Interaction force between an air bubble and a hydrophilic spherical particle in water, measured by the colloid probe technique. <i>International Journal of Mineral Processing</i> , 2009, 92, 121-127.	2.6	35
64	Effect of adding anionic surfactant on the stability of Pickering emulsions. <i>Journal of Colloid and Interface Science</i> , 2009, 329, 173-181.	5.0	88
65	Functionalized gold nanoparticles: Synthesis, structure and colloid stability. <i>Journal of Colloid and Interface Science</i> , 2009, 331, 251-262.	5.0	351
66	The uniform capillary model for packed beds and particle wettability. <i>Journal of Colloid and Interface Science</i> , 2009, 337, 162-169.	5.0	19
67	Brownian diffusion of ultrafine particles to an air~water interface. <i>Advanced Powder Technology</i> , 2009, 20, 262-266.	2.0	4
68	Asymmetric Wetting Hysteresis on Hydrophobic Microstructured Surfaces. <i>Langmuir</i> , 2009, 25, 5655-5660.	1.6	69
69	Dynamic Dewetting Regimes Explored. <i>Journal of Physical Chemistry C</i> , 2009, 113, 8888-8894.	1.5	49
70	Design of Pyrimidine-Based Photoresponsive Surfaces and Light-Regulated Wettability. <i>Langmuir</i> , 2009, 25, 11486-11494.	1.6	3
71	Dynamics of Liquid~Liquid Displacement. <i>Langmuir</i> , 2009, 25, 8069-8074.	1.6	39
72	Effect of Adsorbed Polymers on Bubble~Particle Attachment. <i>Langmuir</i> , 2009, 25, 13290-13294.	1.6	26

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73	The Influence of Surface Hydrophobicity on Polyacrylamide Adsorption. <i>Langmuir</i> , 2009, 25, 4514-4521.	1.6	41
74	Experimental investigations of the wettability of clays and shales. <i>Journal of Geophysical Research</i> , 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. <i>Journal of Colloid and Interface Science</i> , 2008, 320, 563-568.	5.0	32
77	The terminal rise velocity of 10 ⁴ –100 ¹ / ₄ m diameter bubbles in water. <i>Journal of Colloid and Interface Science</i> , 2008, 322, 168-172.	5.0	144
78	Effect of oil soluble surfactant in emulsions stabilised by clay particles. <i>Journal of Colloid and Interface Science</i> , 2008, 323, 410-419.	5.0	73
79	Characterisation and stability of lipid–DNA complexes. <i>Colloids and Surfaces B: Biointerfaces</i> , 2008, 67, 85-91.	2.5	7
80	In situ particle film ATR-FTIR studies of CMC adsorption on talc: The effect of ionic strength and multivalent metal ions. <i>Minerals Engineering</i> , 2008, 21, 1013-1019.	1.8	32
81	Angle-resolved X-ray photoelectron spectroscopy of the surface of imidazolium ionic liquids. <i>Physical Chemistry Chemical Physics</i> , 2008, 10, 1330.	1.3	185
82	Dynamics of Wetting from an Experimental Point of View. <i>Annual Review of Materials Research</i> , 2008, 38, 23-43.	4.3	102
83	Microfluidic polymer multilayer adsorption on liquid crystal droplets for microcapsule synthesis. <i>Lab on A Chip</i> , 2008, 8, 2182.	3.1	107
84	In Situ Particle Film ATR FTIR Spectroscopy of Carboxymethyl Cellulose Adsorption on Talc: Binding Mechanism, pH Effects, and Adsorption Kinetics. <i>Langmuir</i> , 2008, 24, 8036-8044.	1.6	121
85	Molecular Layering of Fluorinated Ionic Liquids at a Charged Sapphire (0001) Surface. <i>Science</i> , 2008, 322, 424-428.	6.0	576
86	Differential Capacitance of the Electrical Double Layer in Imidazolium-Based Ionic Liquids: Influence of Potential, Cation Size, and Temperature. <i>Journal of Physical Chemistry C</i> , 2008, 112, 7486-7495.	1.5	449
87	Influence of the Work of Adhesion on the Dynamic Wetting of Chemically Heterogeneous Surfaces. <i>Langmuir</i> , 2008, 24, 13007-13012.	1.6	40
88	Capillary Rise with Velocity-Dependent Dynamic Contact Angle. <i>Langmuir</i> , 2008, 24, 12710-12716.	1.6	94
89	A Mobile Gas–Water Interface in Electrolyte Solutions. <i>Journal of Physical Chemistry C</i> , 2008, 112, 15094-15097.	1.5	57
90	Light-Induced Aggregation of Colloidal Gold Nanoparticles Capped by Thymine Derivatives. <i>Langmuir</i> , 2008, 24, 4506-4511.	1.6	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.	1.6	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.	1.2	75
93	Asymmetric Wetting Hysteresis on Chemical Defects. <i>Physical Review Letters</i> , 2007, 99, 026103.	2.9	54
94	Kinetics of CO ₂ nanobubble formation at the solid/water interface. <i>Physical Chemistry Chemical Physics</i> , 2007, 9, 6327.	1.3	44
95	Synthesis and Surface Structure of Thymine-Functionalized, Self-Assembled Monolayer-Protected Gold Nanoparticles. <i>Langmuir</i> , 2007, 23, 9170-9177.	1.6	35
96	Colloid Stability of Thymine-Functionalized Gold Nanoparticles. <i>Langmuir</i> , 2007, 23, 12096-12103.	1.6	35
97	Dynamics of Dewetting at the Nanoscale Using Molecular Dynamics. <i>Langmuir</i> , 2007, 23, 3774-3785.	1.6	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.	2.3	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.	0.9	116
101	The Influence of Polymer Structure and Morphology on Talc Wettability. <i>Langmuir</i> , 2006, 22, 3221-3227.	1.6	41
102	Electrowetting of Ionic Liquids. <i>Journal of the American Chemical Society</i> , 2006, 128, 3098-3101.	6.6	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.	2.3	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.	5.0	125
107	Influence of very small bubbles on particle/bubble heterocoagulation. <i>Journal of Colloid and Interface Science</i> , 2006, 301, 168-175.	5.0	60
108	Directed crystallisation of zinc oxide on patterned surfaces. <i>Journal of Colloid and Interface Science</i> , 2006, 303, 333-336.	5.0	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. <i>Minerals Engineering</i> , 2006, 19, 28-36.	1.8	87
110	The effect of polysaccharides and polyacrylamides on the depression of talc and the flotation of sulphide minerals. <i>Minerals Engineering</i> , 2006, 19, 598-608.	1.8	68
111	The interfacial conformation of polypropylene glycols and their foam properties. <i>Minerals Engineering</i> , 2006, 19, 703-712.	1.8	11
112	High-resolution in situ x-ray study of the hydrophobic gap at the water-octadecyl-trichlorosilane interface. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 18401-18404.	3.3	252
113	Colloid stability of synthetic titania and the influence of surface roughness. <i>Journal of Colloid and Interface Science</i> , 2005, 286, 526-535.	5.0	41
114	Investigation of the role of interfacial chemistry on particle interactions, sedimentation and electroosmotic dewatering of model kaolinite dispersions. <i>Powder Technology</i> , 2005, 160, 35-39.	2.1	26
115	Interfacial chemistry, particle interactions and improved dewatering behaviour of smectite clay dispersions. <i>International Journal of Mineral Processing</i> , 2005, 75, 155-171.	2.6	54
116	Pentlandite-lizardite interactions and implications for their separation by flotation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2005, 252, 207-212.	2.3	114
117	The role of surfactant structure on foam behaviour. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2005, 263, 233-238.	2.3	47
118	Foaming of polypropylene glycols and glycol/MIBC mixtures. <i>Minerals Engineering</i> , 2005, 18, 179-188.	1.8	65
119	Effect of iron content in sphalerite on flotation. <i>Minerals Engineering</i> , 2005, 18, 1120-1122.	1.8	44
120	Solid-Liquid Interactions and Functional Surface Wettability. <i>ChemInform</i> , 2005, 36, no.	0.1	0
121	Cu(II) and Ni(II) activation in the flotation of quartz, lizardite and chlorite. <i>International Journal of Mineral Processing</i> , 2005, 76, 75-81.	2.6	92
122	The selective aggregation and separation of titania from a mixed suspension of silica and titania. <i>International Journal of Mineral Processing</i> , 2005, 78, 1-10.	2.6	14
123	Marangoni effects in aqueous polypropylene glycol foams. <i>Journal of Colloid and Interface Science</i> , 2005, 286, 719-729.	5.0	38
124	Solid-Liquid Interactions and Functional Surface Wettability. <i>Australian Journal of Chemistry</i> , 2005, 58, 644.	0.5	13
125	Atomic force microscopy and direct surface force measurements (IUPAC Technical Report). <i>Pure and Applied Chemistry</i> , 2005, 77, 2149-2170.	0.9	140
126	Thermally- and Photoinduced Changes in the Water Wettability of Low-Surface-Area Silica and Titania. <i>Langmuir</i> , 2005, 21, 2400-2407.	1.6	118

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127	Preparation of Silica-on-Titania Patterns with a Wettability Contrast. <i>Langmuir</i> , 2005, 21, 5790-5794.	1.6	24
128	Contact Angle Saturation in Electrowetting. <i>Journal of Physical Chemistry B</i> , 2005, 109, 6268-6275.	1.2	205
129	Light-Induced Surface Wettability of a Tethered DNA Base. <i>Langmuir</i> , 2005, 21, 11922-11931.	1.6	21
130	Morphology of Adsorbed Polymers and Solid Surface Wettability. <i>Langmuir</i> , 2005, 21, 4695-4704.	1.6	27
131	WETTABILITY AND SURFACE ENERGETICS OF ROUGH FLUOROPOLYMER SURFACES. <i>Journal of Adhesion</i> , 2004, 80, 497-520.	1.8	31
132	Contact angle measurements using the Wilhelmy balance for asymmetrically treated samples. <i>Journal of Adhesion Science and Technology</i> , 2004, 18, 29-37.	1.4	5
133	Flocculation and dewatering behaviour of smectite dispersions: effect of polymer structure type. <i>Minerals Engineering</i> , 2004, 17, 411-423.	1.8	94
134	The interfacial conformation of polypropylene glycols and foam behaviour. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2004, 250, 307-315.	2.3	23
135	Temperature influence of nonionic polyethylene oxide and anionic polyacrylamide on flocculation and dewatering behavior of kaolinite dispersions. <i>Journal of Colloid and Interface Science</i> , 2004, 271, 145-156.	5.0	130
136	Interfacial chemistry and particle interactions and their impact upon the dewatering behaviour of iron oxide dispersions. <i>Hydrometallurgy</i> , 2004, 74, 221-231.	1.8	31
137	Influence of hydrolyzable metal ions on the interfacial chemistry, particle interactions, and dewatering behavior of kaolinite dispersions. <i>Journal of Colloid and Interface Science</i> , 2003, 261, 349-359.	5.0	96
138	Bubble particle heterocoagulation under turbulent conditions. <i>Journal of Colloid and Interface Science</i> , 2003, 265, 141-151.	5.0	162
139	The interaction of linear polyphosphates with zincite surfaces. <i>International Journal of Mineral Processing</i> , 2003, 68, 1-16.	2.6	16
140	Control of grinding conditions in the flotation of chalcopyrite and its separation from pyrite. <i>International Journal of Mineral Processing</i> , 2003, 69, 87-100.	2.6	123
141	Control of grinding conditions in the flotation of galena and its separation from pyrite. <i>International Journal of Mineral Processing</i> , 2003, 70, 67-82.	2.6	89
142	Characterisation of sphalerite and pyrite flotation samples by XPS and ToF-SIMS. <i>International Journal of Mineral Processing</i> , 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. <i>International Journal of Mineral Processing</i> , 2003, 71, 247-268.	2.6	185
144	Calculation of the flotation rate constant of chalcopyrite particles in an ore. <i>International Journal of Mineral Processing</i> , 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.	1.2	72
146	Dynamics of Partial Wetting and Dewetting of an Amorphous Fluoropolymer by Pure Liquids. Langmuir, 2003, 19, 2795-2801.	1.6	50
147	Dynamics of Partial Wetting and Dewetting in Well-Defined Systems. Journal of Physical Chemistry B, 2003, 107, 1634-1645.	1.2	77
148	Influence of the Electrical Double Layer in Electrowetting. Journal of Physical Chemistry B, 2003, 107, 1163-1169.	1.2	144
149	Very Small Bubble Formation at the Solid-Water Interface. Journal of Physical Chemistry B, 2003, 107, 6139-6147.	1.2	277
150	Wettability of Photoresponsive Titanium Dioxide Surfaces. Langmuir, 2003, 19, 3272-3275.	1.6	138
151	Influence of Dissolved Gas on van der Waals Forces between Bubbles and Particles. Journal of Physical Chemistry A, 2002, 106, 689-696.	1.1	42
152	Novel Approach to the Formation of Smooth Gold Surfaces. Langmuir, 2002, 18, 2438-2440.	1.6	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.	1.8	30
154	Towards prediction of oxidation during grinding I. Galena flotation. Minerals Engineering, 2002, 15, 493-498.	1.8	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.	7.0	82
158	Wetting film stability and flotation kinetics. Advances in Colloid and Interface Science, 2002, 95, 145-236.	7.0	110
159	Colloidal iron oxide slime coatings and galena particle flotation. Minerals Engineering, 2001, 14, 487-497.	1.8	47
160	The electrochemistry of PbII activated sphalerite in relation to flotation. Minerals Engineering, 2001, 14, 1009-1017.	1.8	18
161	Depression of iron sulphide flotation in zinc roughers. Minerals Engineering, 2001, 14, 1067-1079.	1.8	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.	2.3	82
166	Modification of the rheological properties of concentrated slurries by control of mineralâ€™solution interfacial chemistry. International Journal of Mineral Processing, 2000, 59, 305-325.	2.6	17
167	Particleâ€™bubble collision models â€™ a review. Advances in Colloid and Interface Science, 2000, 85, 231-256.	7.0	274
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