

Yee-Kwong

List of Publications by Year in descending order

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153
papers

3,723
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109264

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2617
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#	ARTICLE	IF	CITATIONS
1	Shale gas production from reservoirs with hierarchical multiscale structural heterogeneities. <i>Journal of Petroleum Science and Engineering</i> , 2022, 208, 109380.	2.1	14
2	Yield stress and microstructure of composite halloysite-LAPONITE® gels: Effects of mixing ratio, surface chemistry, and ageing time. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 640, 128472.	2.3	1
3	A fully coupled multidomain and multiphysics model considering stimulation patterns and thermal effects for evaluation of coalbed methane (CBM) extraction. <i>Journal of Petroleum Science and Engineering</i> , 2022, 214, 110506.	2.1	9
4	Water Liberating/Sealing effects on shale gas Extraction: A fully coupled multidomain and multiphysics model. <i>Fuel</i> , 2022, 325, 124953.	3.4	7
5	Shale gas reservoir modeling and production evaluation considering complex gas transport mechanisms and dispersed distribution of kerogen. <i>Petroleum Science</i> , 2021, 18, 195-218.	2.4	27
6	Rodâ€plate interactions in sepioliteâ€LAPONITE® gels: microstructure, surface chemistry and rheology. <i>Soft Matter</i> , 2021, 17, 2614-2623.	1.2	8
7	Microstructure of KGa-1b and KGa-2 kaolin suspensions revisited. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 617, 126354.	2.3	2
8	Controlling the rheology of iron ore slurries and tailings with surface chemistry for enhanced beneficiation performance and output, reduced pumping cost and safer tailings storage in dam. <i>Minerals Engineering</i> , 2021, 166, 106874.	1.8	7
9	Spherical metal oxides-LAPONITE® sheets interactions: Microstructure, rheology and thixotropy of composite gels. <i>Applied Clay Science</i> , 2021, 208, 106113.	2.6	4
10	Ageing behaviour spanning months of NaMt, hectorite and Laponite gels: Surface forces and microstructure â€ A comprehensive analysis. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 630, 127543.	2.3	7
11	Microstructure and Time-Dependent Behavior of STx-1b Calcium Montmorillonite Suspensions. <i>Clays and Clay Minerals</i> , 2021, 69, 787.	0.6	2
12	Effect of compact spherical potassium 12-tungstosilicate and lithium heteropolytungstate additives on the rheology and surface chemistry of washed spherical and platelet γ -Al ₂ O ₃ suspensions: Patch charge bridging. <i>Powder Technology</i> , 2020, 360, 937-943.	2.1	0
13	Fragmentation of compact polymer-bridged flocs in the laminar Taylor vortex flow regime: population balance and breakage function. <i>Chemical Engineering Research and Design</i> , 2020, 153, 684-696.	2.7	1
14	Predicting the Logarithmic Distribution Factors for Coprecipitation into an Organic Salt: Selection of Rare Earths into a Mixed Oxalate. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 712.	0.8	2
15	Impact of additives with opposing effects on the rheological properties of bentonite drilling mud: Flow, ageing, microstructure and preparation method. <i>Journal of Petroleum Science and Engineering</i> , 2020, 192, 107282.	2.1	12
16	Colloidal forces, microstructure and thixotropy of sodium montmorillonite (SWy-2) gels: Roles of electrostatic and van der Waals forces. <i>Applied Clay Science</i> , 2020, 195, 105710.	2.6	14
17	A fully coupled multidomain and multiphysics model for evaluation of shale gas extraction. <i>Fuel</i> , 2020, 278, 118214.	3.4	73
18	Surface Chemistry, Microstructure, and Rheology of Thixotropic 1-D Sepiolite Gels. <i>Clays and Clay Minerals</i> , 2020, 68, 9-22.	0.6	17

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19	Evolution of Shale Permeability under the Influence of Gas Diffusion from the Fracture Wall into the Matrix. <i>Energy & Fuels</i> , 2020, 34, 4393-4406.	2.5	29
20	A simple method of correcting the parallel plate rim shear stress for non-Newtonian behavior. <i>Korea Australia Rheology Journal</i> , 2020, 32, 165-169.	0.7	2
21	Effect of sequentially adsorbed multilayers, citric acid(CA)-PEI-CA-PEI and PEI-CA-PEI-CA, on the surface chemistry and rheology of spherical γ -alumina suspensions. <i>Journal of Dispersion Science and Technology</i> , 2019, 40, 1179-1188.	1.3	5
22	Surface chemistry, rheology and microstructure of as-received SHCa-1 hectorite gels. <i>Clay Minerals</i> , 2019, 54, 269-275.	0.2	8
23	Microstructure and rheology of bentonite slurries containing multiple-charge phosphate-based additives. <i>Applied Clay Science</i> , 2019, 169, 120-128.	2.6	25
24	High shear breakage of compact polyelectrolyte-bridged flocs: A method for obtaining model-independent breakage rate function data. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 552, 48-58.	2.3	2
25	Surface chemistry, rheology and microstructure of purified natural and synthetic hectorite suspensions. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 19221-19233.	1.3	17
26	Spherical γ -Al ₂ O ₃ suspensions layered sequentially with anionic and cationic polyelectrolytes: Chemistry, rheology and TEM images. <i>Powder Technology</i> , 2018, 338, 716-724.	2.1	10
27	Green lightweight lead-free Gd ₂ O ₃ /epoxy nanocomposites with outstanding X-ray attenuation performance. <i>Composites Science and Technology</i> , 2018, 163, 89-95.	3.8	35
28	Microstructure of Sodium Montmorillonite Gels with Long Aging Time Scale. <i>Langmuir</i> , 2018, 34, 9673-9682.	1.6	23
29	Surface Forces and Rheology of Titanium Dioxide in the Presence of Dicarboxylic Acids: From Molecular Interactions to Yield Stress. <i>Langmuir</i> , 2017, 33, 1496-1506.	1.6	7
30	A multiscale-multiphase simulation model for the evaluation of shale gas recovery coupled the effect of water flowback. <i>Fuel</i> , 2017, 199, 191-205.	3.4	77
31	An Experimental Study of the Rheological Properties and Stability Characteristics of Biochar-Algae-Water Slurry Fuels. <i>Energy Procedia</i> , 2017, 105, 125-130.	1.8	16
32	The interaction between encapsulated Gd ₂ O ₃ particles and polymeric matrix: The mechanism of fracture and X-ray attenuation properties. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 535, 175-183.	2.3	11
33	Flow curve analysis of a Pickering emulsion-polymerized PEDOT:PSS/PS-based electrorheological fluid. <i>Smart Materials and Structures</i> , 2017, 26, 117001.	1.8	3
34	Rheological behaviour and stability characteristics of biochar-water slurry fuels: Effect of biochar particle size and size distribution. <i>Fuel Processing Technology</i> , 2017, 156, 27-32.	3.7	27
35	Surface Chemistry and Rheology of Slurries of Kaolinite and Montmorillonite from Different Sources. <i>KONA Powder and Particle Journal</i> , 2016, 33, 17-32.	0.9	44
36	General Gas Permeability Model for Porous Media: Bridging the Gaps Between Conventional and Unconventional Natural Gas Reservoirs. <i>Energy & Fuels</i> , 2016, 30, 5492-5505.	2.5	49

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37	X-ray protection, surface chemistry and rheology of ball-milled submicron Gd ₂ O ₃ aqueous suspension. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 501, 75-82.	2.3	25
38	An experimental study of rheological properties and stability characteristics of biochar-glycerol-water slurry fuels. <i>Fuel Processing Technology</i> , 2016, 153, 37-42.	3.7	19
39	Surface chemistry and rheological properties of API bentonite drilling fluid: pH effect, yield stress, zeta potential and ageing behaviour. <i>Journal of Petroleum Science and Engineering</i> , 2016, 146, 561-569.	2.1	51
40	Hydrophobic interaction and patch charge attraction in γ -Al ₂ O ₃ dispersions under the influence of adsorbed low molecular-weight polyacrylic acid sodium salt and poly(methacrylic acid) sodium salt: yield stress and AFM force study. <i>Colloid and Polymer Science</i> , 2016, 294, 1765-1777.	1.0	2
41	Yield stress and microstructure of washed oxide suspensions at the isoelectric point: experimental and model fractal structure. <i>Rheologica Acta</i> , 2016, 55, 847-856.	1.1	12
42	A novel approach for the preparation of nanosized Gd ₂ O ₃ structure: The influence of surface force on the morphology of ball milled particles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 506, 13-19.	2.3	9
43	Yield stress- and zeta potential-pH behaviour of washed γ -Al ₂ O ₃ suspensions with relatively high Ca(II) and Mg(II) concentrations: Hydrolysis product and bridging. <i>International Journal of Mineral Processing</i> , 2016, 148, 1-8.	2.6	23
44	A fully coupled multiscale shale deformation-gas transport model for the evaluation of shale gas extraction. <i>Fuel</i> , 2016, 178, 103-117.	3.4	128
45	Combined impact of flow regimes and effective stress on the evolution of shale apparent permeability. <i>Journal of Unconventional Oil and Gas Resources</i> , 2016, 14, 32-43.	3.5	50
46	Fragmentation of polymer-bridged silica flocs by high shear impact: experiment and population balance modelling. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2015, 10, 542-555.	0.8	1
47	Synthesis, characterization and evaluation of a quadripolymer with low molecular weight as a water based drilling fluid viscosity reducer at high temperature (245 °C). <i>Polymer International</i> , 2015, 64, 1352-1360.	1.6	19
48	Synthesis and characterisation of strong hydrophobic bentonite. <i>Materials Research Innovations</i> , 2015, 19, 428-434.	1.0	10
49	Rheological analysis of graphene oxide coated anisotropic PMMA microsphere based electrorheological fluid from Couette flow geometry. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 21, 172-177.	2.9	14
50	Physicochemical behaviors of kaolin slurries with and without cations—Contributions of alumina and silica sheets. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 468, 103-113.	2.3	24
51	Surface chemistry and rheology of Laponite dispersions — Zeta potential, yield stress, ageing, fractal dimension and pyrophosphate. <i>Applied Clay Science</i> , 2015, 107, 36-45.	2.6	51
52	Stability and ageing behaviour and the formulation of potassium-based drilling muds. <i>Applied Clay Science</i> , 2015, 104, 309-317.	2.6	62
53	Behaviour of LAPONITE® gels: Rheology, ageing, pH effect and phase state in the presence of dispersant. <i>Chemical Engineering Research and Design</i> , 2015, 101, 65-73.	2.7	52
54	Damage mechanism and protection measures of a coalbed methane reservoir in the Zhengzhuang block. <i>Journal of Natural Gas Science and Engineering</i> , 2015, 26, 683-694.	2.1	44

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55	Surface chemistryâ€“microstructureâ€“rheology of high and low crystallinity KGa-1b and KGa-2 kaolinite suspensions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 484, 354-364.	2.3	14
56	Ageing and collapse of Bentonite gels â€” Effects of Mg(II), Ca(II) and Ba(II) ions. <i>Applied Clay Science</i> , 2015, 114, 141-150.	2.6	9
57	Polyelectrolyte-mediated interparticle forces in aqueous suspensions: Molecular structure and surface forces relationship. <i>Chemical Engineering Research and Design</i> , 2015, 101, 44-55.	2.7	18
58	Effects of polyethylenimine dosages and molecular weights on flocculation, rheology and consolidation behaviors of kaolin slurries. <i>Powder Technology</i> , 2014, 254, 364-372.	2.1	27
59	Ageing and collapse of bentonite gelsâ€”effects of Li, Na, K and Cs ions. <i>Rheologica Acta</i> , 2014, 53, 109-122.	1.1	45
60	Obtaining modelâ€“independent growth rates from experimental data of dry thermal oxidation of silicon. <i>AIChE Journal</i> , 2014, 60, 1810-1820.	1.8	0
61	Source of Unimin kaolin rheological variationâ€“Ca ²⁺ concentration. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 459, 90-99.	2.3	19
62	Muscovite mica and koalin slurries: Yield stressâ€“volume fraction and deflocculation point zeta potential comparison. <i>Powder Technology</i> , 2014, 262, 124-130.	2.1	20
63	Sequential yield stress and zeta potential measurements on the same suspensions for platelet and spherical alumina. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 441, 360-366.	2.3	8
64	Facile fabrication of graphene oxide-wrapped alumina particles and their electrorheological characteristics. <i>Materials Chemistry and Physics</i> , 2014, 145, 151-155.	2.0	17
65	Obtaining the kinetic function of depolymerization from evolving molecular weight distribution dataâ€“an inverse problem. <i>AIChE Journal</i> , 2013, 59, 912-922.	1.8	3
66	Surface force arising from adsorbed diethylenetriaminepentacetic acid (DTPA) and related compounds and their metal ions complexes in alumina suspensions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013, 422, 172-180.	2.3	2
67	Rheological and zeta potential behaviour of kaolin and bentonite composite slurries. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013, 436, 530-541.	2.3	135
68	Flocculation of yeast suspensions by a cationic flocculant. <i>Powder Technology</i> , 2013, 235, 426-430.	2.1	9
69	Mixing narrow coarse and fine coal fractions â€” The maximum volume fraction of suspensions. <i>Advanced Powder Technology</i> , 2013, 24, 764-770.	2.0	18
70	Flow and yield stress behaviour of ultrafine Mallee biochar slurry fuels: The effect of particle size distribution and additives. <i>Fuel</i> , 2013, 104, 326-332.	3.4	41
71	Surface force arising from adsorbed graphene oxide in alumina suspensions with different shape and size. <i>AIChE Journal</i> , 2013, 59, 3633-3641.	1.8	10
72	Molecular attributes of an effective steric agent: Yield stress of dispersions in the presence of pure enantiomeric and racemate malic acids. <i>Advanced Powder Technology</i> , 2012, 23, 459-464.	2.0	8

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73	Uniform Dispersion of Lanthanum Hexaboride Nanoparticles in a Silica Thin Film: Synthesis and Optical Properties. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 5833-5838.	4.0	27
74	A general procedure for obtaining the evolving particle size distribution of flocculating suspensions. <i>AIChE Journal</i> , 2012, 58, 3043-3053.	1.8	4
75	Yield stress of oxide dispersions intermolecular forces of adsorbed small ionic additives and particle surface roughness. <i>Canadian Journal of Chemical Engineering</i> , 2012, 90, 1484-1493.	0.9	4
76	Controlling attractive interparticle forces via small anionic and cationic additives in kaolin clay slurries. <i>Chemical Engineering Research and Design</i> , 2012, 90, 658-666.	2.7	47
77	Conformational molecular structure surface force correlation of ethylenediaminetetracetic, nitrilotriacetic and (S,S)-ethylenediamine-N,N'-disuccinic acids in γ -Al ₂ O ₃ dispersions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2012, 395, 46-53.	2.3	3
78	The effects of benzoic acid compounds in γ -Al ₂ O ₃ dispersions: Additional attractive forces of particle bridging and precipitate bridging. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2012, 402, 159-167.	2.3	9
79	The effect of adsorbed fumaric acid on dispersions of rough titania particles. <i>Powder Technology</i> , 2012, 223, 110-115.	2.1	2
80	Structural recovery behaviour of kaolin, bentonite and K-montmorillonite slurries. <i>Powder Technology</i> , 2012, 223, 105-109.	2.1	28
81	Isomerism and Solubility of Benzene Mono- and Dicarboxylic Acid: Its Effect on Alumina Dispersions. <i>Langmuir</i> , 2011, 27, 49-58.	1.6	10
82	On the Flocculation and Agglomeration of Ceria Dispersion. <i>Journal of Dispersion Science and Technology</i> , 2011, 32, 1235-1238.	1.3	5
83	Structural recovery behavior of barite-loaded bentonite drilling muds. <i>Journal of Petroleum Science and Engineering</i> , 2011, 78, 552-558.	2.1	19
84	Interactions of PEI (polyethylenimine) silica particles with citric acid in dispersions. <i>Colloid and Polymer Science</i> , 2011, 289, 237-245.	1.0	31
85	Bentonite slurries zeta potential, yield stress, adsorbed additive and time-dependent behaviour. <i>Rheologica Acta</i> , 2011, 50, 29-38.	1.1	86
86	Preparation and rheology of biochar, lignite char and coal slurry fuels. <i>Fuel</i> , 2011, 90, 1689-1695.	3.4	74
87	A method for computing the partial derivatives of experimental data. <i>AIChE Journal</i> , 2010, 56, 3212-3224.	1.8	6
88	Influence of cationic flocculant properties on the flocculation of yeast suspensions. <i>Advanced Powder Technology</i> , 2010, 21, 374-379.	2.0	20
89	Yield stress and zeta potential of washed and highly spherical oxide dispersions Critical zeta potential and Hamaker constant. <i>Powder Technology</i> , 2010, 198, 114-119.	2.1	40
90	Adsorbed phosphate additives for interrogating the nature of interparticles forces in kaolin clay slurries via rheological yield stress. <i>Advanced Powder Technology</i> , 2010, 21, 380-385.	2.0	38

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91	Role of Molecular Architecture of Citric and Related Polyacids on the Yield Stress of γ -Alumina Slurries: Inter- and Intramolecular Forces. <i>Journal of the American Ceramic Society</i> , 2010, 93, 2598-2605.	1.9	24
92	High Yield Stress Associated with Capillary Attraction between Alumina Surfaces in the Presence of Low Molecular Weight Dicarboxylic Acids. <i>Langmuir</i> , 2010, 26, 3067-3076.	1.6	10
93	Interaction between silica in the presence of adsorbed poly(ethyleneimine): correlation between colloidal probe adhesion measurements and yield stress. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 10594.	1.3	22
94	Investigating the Properties of Aqueous Monoisopropanolamine Using Density Data from 283.15K to 353.15K. <i>International Journal of Thermophysics</i> , 2009, 30, 448-463.	1.0	1
95	Surface and rheological properties of as-received colloidal goethite (γ -FeOOH) suspensions: pH and polyethylenimine effects. <i>International Journal of Mineral Processing</i> , 2009, 93, 41-47.	2.6	17
96	Interparticle forces in spherical monodispersed silica dispersions: Effects of branched polyethylenimine and molecular weight. <i>Journal of Colloid and Interface Science</i> , 2009, 337, 24-31.	5.0	41
97	Differences in the rheology and surface chemistry of kaolin clay slurries: The source of the variations. <i>Chemical Engineering Science</i> , 2009, 64, 3817-3825.	1.9	85
98	Hydrogen Bonding and Interparticle Forces in Platelet Al_2O_3 Dispersions: Yield Stress and Zeta Potential. <i>Langmuir</i> , 2009, 25, 3418-3424.	1.6	35
99	Obtaining the evolving concentration distribution curves during binary disintegration of macromolecules. <i>AIChE Journal</i> , 2008, 54, 2699-2706.	1.8	10
100	Yield stress-zeta potential relationship of oxide dispersions with adsorbed polyacrylate – Steric effect and zeta potential at the flocculated-dispersed transition state. <i>Powder Technology</i> , 2008, 186, 176-183.	2.1	24
101	Functional group interactions of adsorbed small charged bolaform molecules and their effects on intermolecular and surface forces in dispersions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2008, 325, 127-131.	2.3	12
102	Obtaining surface tension from pendant drop volume and radius of curvature at the apex. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2008, 315, 136-146.	2.3	8
103	Metal Ions Solubility in Plant Phosphoric Acid Degree of Ammonia Neutralization and Temperature Effects. <i>Industrial & Engineering Chemistry Research</i> , 2008, 47, 1380-1385.	1.8	4
104	New Development in Processing Pendant Droplet Tensiometry Data. <i>Langmuir</i> , 2008, 24, 10942-10949.	1.6	2
105	Slow Steady Viscous Flow of Newtonian Fluids in Parallel-Disk Viscometer With Wall Slip. <i>Journal of Applied Mechanics, Transactions ASME</i> , 2008, 75, .	1.1	4
106	Particle bridging in dispersions by small charged molecules: chain length and rigidity, architecture and functional groups spatial position. <i>Physical Chemistry Chemical Physics</i> , 2007, 9, 5608.	1.3	22
107	Error Introduced by a Popular Method of Processing Parallel-Disk Viscometry Data. <i>Applied Rheology</i> , 2007, 17, 66415-1-66415-6.	3.5	3
108	Surface forces arising from adsorbed hydrolysis products of metal ions in ZrO_2 and silica dispersions: Cu(II), Ni(II), Co(II) and Al(III). <i>Powder Technology</i> , 2007, 179, 38-42.	2.1	10

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109	Partial molar volumes of (acetonitrile+water) mixtures over the temperature range (273.15 to 318.15)K. Journal of Chemical Thermodynamics, 2007, 39, 1675-1680.	1.0	9
110	Direct Evaluation of Partial Molar Volumes of Binary Solutions of Dimethyl Sulfoxide with Ethyl Acrylate, Butyl Acrylate, Methyl Methacrylate and Styrene. Journal of Solution Chemistry, 2007, 36, 1047-1061.	0.6	3
111	Non-Newtonian flow in parallel-disk viscometers in the presence of wall slip. Journal of Non-Newtonian Fluid Mechanics, 2006, 139, 85-92.	1.0	10
112	Ammonium phosphate slurry rheology and particle properties—The influence of Fe(III) and Al(III) impurities, solid concentration and degree of neutralization. Chemical Engineering Science, 2006, 61, 5856-5866.	1.9	13
113	A general method of computing the derivative of experimental data. AIChE Journal, 2006, 52, 323-332.	1.8	49
114	Obtaining the Shear Stress Shear Rate Relationship and Yield Stress of Liquid Foods from Parallel Disk Data. Journal of Food Science, 2005, 70, E50-E55.	1.5	6
115	Yield stress and zeta potential of nanoparticulate silica dispersions under the influence of adsorbed hydrolysis products of metal ions—Cu(II), Al(III) and Th(IV). Journal of Colloid and Interface Science, 2005, 292, 557-566.	5.0	55
116	A general method for obtaining shear stress and normal stress functions from parallel disk rheometry data. Rheologica Acta, 2005, 44, 270-277.	1.1	17
117	Applying Tikhonov Regularization to Process Pendant Droplet Tensiometry Data. Langmuir, 2005, 21, 11241-11250.	1.6	2
118	A General Computational Method for Converting Normal Spectra into Derivative Spectra. Applied Spectroscopy, 2005, 59, 584-592.	1.2	10
119	Evaluating the third and fourth derivatives of spectral data. Talanta, 2005, 68, 156-164.	2.9	11
120	Shear rate and wall slip velocity functions of polyvinyl chloride melts based on slit die viscometry data. Polymer Engineering and Science, 2004, 44, 153-162.	1.5	3
121	Applying Tikhonov regularization to process the kinetic data of polymerization. Journal of Applied Polymer Science, 2004, 94, 1625-1633.	1.3	0
122	Cleaving of S-mandelonitrile catalyzed by S-hydroxynitrile lyase from Hevea brasiliensis—a kinetic investigation based on the rate curve method. Journal of Biotechnology, 2004, 111, 31-31.	1.9	0
123	Cleaving of S-mandelonitrile catalyzed by S-hydroxynitrile lyase from Hevea brasiliensis—a kinetic investigation based on the rate curve method. Journal of Biotechnology, 2004, 111, 31-39.	1.9	4
124	Characterising the Flocculated-Dispersed State Transition. Journal of Chemical Engineering of Japan, 2004, 37, 187-193.	0.3	5
125	Obtaining the shear stress shear rate relationship and yield stress of liquid foods from Couette viscometry data. Rheologica Acta, 2003, 42, 365-371.	1.1	24
126	Critical zeta potential and the Hamaker constant of oxides in water. Powder Technology, 2003, 134, 249-254.	2.1	84

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127	A new method of processing the time-concentration data of reaction kinetics. <i>Chemical Engineering Science</i> , 2003, 58, 3601-3610.	1.9	38
128	Surface forces arising from adsorbed ionic copolymers with hydrophobic and hydrophilic segments in colloidal dispersions. <i>Journal of Rheology</i> , 2003, 47, 59-69.	1.3	6
129	Molecular Configuration of Adsorbed cis- and trans-1,2-Ethylene Dicarboxylic Acids and Interparticle Forces in Colloidal Dispersions. <i>Langmuir</i> , 2002, 18, 2448-2449.	1.6	29
130	A Reliable Method of Extracting the Rheological Properties of Fruit Purees from Flow Loop Data. <i>Journal of Food Science</i> , 2002, 67, 1407-1411.	1.5	9
131	Obtaining the Shear Stress versus Shear Rate Relationship and Yield Stress of Blood from Capillary Viscometry Data by Tikhonov Regularization. <i>Biotechnology Progress</i> , 2002, 18, 879-884.	1.3	3
132	Model-Independent Relationships between Hematocrit, Blood Viscosity, and Yield Stress Derived from Couette Viscometry Data. <i>Biotechnology Progress</i> , 2002, 18, 1068-1075.	1.3	16
133	Charged patch attraction in dispersion: effect of polystyrene sulphonate molecular weight or patch size. <i>Colloid and Polymer Science</i> , 2001, 279, 82-87.	1.0	14
134	Effects of Gum Arabic macromolecules on surface forces in oxide dispersions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2001, 182, 263-268.	2.3	30
135	Compressive yield stress from multiple-speed centrifuge measurements. <i>AIChE Journal</i> , 2001, 47, 2798-2806.	1.8	1
136	Flow behaviour of titanium dioxide dispersions in the presence of 2-hydroxyethyl cellulose. <i>Colloid and Polymer Science</i> , 2000, 278, 485-489.	1.0	6
137	The effects of cis and trans configuration of cyclohexane multi-carboxylic acids on colloidal forces in dispersions: steric, hydrophobic and bridging. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1999, 160, 199-205.	2.3	11
138	Interparticle forces arising from an adsorbed strong polyelectrolyte in colloidal dispersions: charged patch attraction. <i>Colloid and Polymer Science</i> , 1999, 277, 299-305.	1.0	67
139	Inter-particle forces arising from adsorbed bolaform surfactants in colloidal suspensions. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1997, 93, 105-109.	1.7	24
140	Effects of steric and hydrophobic forces on the rheological properties of ZrO ₂ suspensions. <i>Colloid and Polymer Science</i> , 1997, 275, 869-875.	1.0	6
141	Interparticle Forces Arising from Adsorbed Surfactants in Colloidal Suspensions: An Additional Attractive Force. <i>Journal of Colloid and Interface Science</i> , 1996, 181, 605-612.	5.0	44
142	Depletion interaction in colloidal suspensions: a comparison between theory and experiment. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1996, 118, 107-114.	2.3	20
143	Interparticle forces arising from adsorbed polyelectrolytes in colloidal suspensions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1995, 95, 43-52.	2.3	108
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