Yee-Kwong

List of Publications by Year
in descending order

153 papers	3,723 citations	109264 35 h-index	168321 53 g-index
154 all docs	154 docs citations	154 times ranked	2617 citing authors

#	Article	IF	Citations
1	Rheological evidence of adsorbate-mediated short-range steric forces in concentrated dispersions. Journal of the Chemical Society, Faraday Transactions, 1993, 89, 2473.	1.7	180
2	Rheological and zeta potential behaviour of kaolin and bentonite composite slurries. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2013, 436, 530-541.	2.3	135
3	A fully coupled multiscale shale deformation-gas transport model for the evaluation of shale gas extraction. Fuel, 2016, 178, 103-117.	3.4	128
4	Interparticle forces arising from adsorbed polyelectrolytes in colloidal suspensions. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 1995, 95, 43-52.	2.3	108
5	Effect of Particle Size on Colloidal Zirconia Rheology at the Isoelectric Point. Journal of the American Ceramic Society, 1995, 78, 2209-2212.	1.9	103
6	Bentonite slurriesâ€"zeta potential, yield stress, adsorbed additive and time-dependent behaviour. Rheologica Acta, 2011, 50, 29-38.	1.1	86
7	Differences in the rheology and surface chemistry of kaolin clay slurries: The source of the variations. Chemical Engineering Science, 2009, 64, 3817-3825.	1.9	85
8	Critical zeta potential and the Hamaker constant of oxides in water. Powder Technology, 2003, 134, 249-254.	2.1	84
9	A multiscale-multiphase simulation model for the evaluation of shale gas recovery coupled the effect of water flowback. Fuel, 2017, 199, 191-205.	3.4	77
10	Effects of citrate adsorption on the interactions between zirconia surfaces. Journal of the Chemical Society, Faraday Transactions, 1995, 91, 2921.	1.7	74
11	Preparation and rheology of biochar, lignite char and coal slurry fuels. Fuel, 2011, 90, 1689-1695.	3.4	74
12	A fully coupled multidomain and multiphysics model for evaluation of shale gas extraction. Fuel, 2020, 278, 118214.	3.4	73
13	Interparticle forces arising from an adsorbed strong polyelectrolyte in colloidal dispersions: charged patch attraction. Colloid and Polymer Science, 1999, 277, 299-305.	1.0	67
14	Surface chemistry effects on concentrated suspension rheology. Journal of Colloid and Interface Science, 1990, 136, 249-258.	5.0	63
15	Stability and ageing behaviour and the formulation of potassium-based drilling muds. Applied Clay Science, 2015, 104, 309-317.	2.6	62
16	Yield stress and zeta potential of nanoparticulate silica dispersions under the influence of adsorbed hydrolysis products of metal ionsâ€"Cu(II), Al(III) and Th(IV). Journal of Colloid and Interface Science, 2005, 292, 557-566.	5.0	55
17	Surface chemistry and rheological properties of zirconia suspensions. Journal of Rheology, 1991, 35, 149-165.	1.3	54
18	Behaviour of LAPONITEÂ® gels: Rheology, ageing, pH effect and phase state in the presence of dispersant. Chemical Engineering Research and Design, 2015, 101, 65-73.	2.7	52

#	Article	IF	Citations
19	Surface chemistry and rheology of Laponite dispersions â€” Zeta potential, yield stress, ageing, fractal dimension and pyrophosphate. Applied Clay Science, 2015, 107, 36-45.	2.6	51
20	Surface chemistry and rheological properties of API bentonite drilling fluid: pH effect, yield stress, zeta potential and ageing behaviour. Journal of Petroleum Science and Engineering, 2016, 146, 561-569.	2.1	51
21	Combined impact of flow regimes and effective stress on the evolution of shale apparent permeability. Journal of Unconventional Oil and Gas Resources, 2016, 14, 32-43.	3.5	50
22	A general method of computing the derivative of experimental data. AICHE Journal, 2006, 52, 323-332.	1.8	49
23	General Gas Permeability Model for Porous Media: Bridging the Gaps Between Conventional and Unconventional Natural Gas Reservoirs. Energy & Fuels, 2016, 30, 5492-5505.	2.5	49
24	Controlling attractive interparticle forces via small anionic and cationic additives in kaolin clay slurries. Chemical Engineering Research and Design, 2012, 90, 658-666.	2.7	47
25	Ageing and collapse of bentonite gelsâ€"effects of Li, Na, K and Cs ions. Rheologica Acta, 2014, 53, 109-122.	1.1	45
26	Interparticle Forces Arising from Adsorbed Surfactants in Colloidal Suspensions: An Additional Attractive Force. Journal of Colloid and Interface Science, 1996, 181, 605-612.	5.0	44
27	Damage mechanism and protection measures of a coalbed methane reservoir in the Zhengzhuang block. Journal of Natural Gas Science and Engineering, 2015, 26, 683-694.	2.1	44
28	Surface Chemistry and Rheology of Slurries of Kaolinite and Montmorillonite from Different Sources. KONA Powder and Particle Journal, 2016, 33, 17-32.	0.9	44
29	Control of the rheology of concentrated aqueous colloidal systems by steric and hydrophobic forces. Journal of the Chemical Society Chemical Communications, 1993, , 639.	2.0	43
30	Rheology of brown coal-water suspensions. Rheologica Acta, 1987, 26, 291-300.	1.1	41
31	Interparticle forces in spherical monodispersed silica dispersions: Effects of branched polyethylenimine and molecular weight. Journal of Colloid and Interface Science, 2009, 337, 24-31.	5.0	41
32	Flow and yield stress behaviour of ultrafine Mallee biochar slurry fuels: The effect of particle size distribution and additives. Fuel, 2013, 104, 326-332.	3.4	41
33	Yield stress and zeta potential of washed and highly spherical oxide dispersions â€" Critical zeta potential and Hamaker constant. Powder Technology, 2010, 198, 114-119.	2.1	40
34	A new method of processing the time-concentration data of reaction kinetics. Chemical Engineering Science, 2003, 58, 3601-3610.	1.9	38
35	Adsorbed phosphate additives for interrogating the nature of interparticles forces in kaolin clay slurries via rheological yield stress. Advanced Powder Technology, 2010, 21, 380-385.	2.0	38
36	Hydrogen Bonding and Interparticle Forces in Platelet Î±-Al₂O₃ Dispersions: Yield Stress and Zeta Potential. Langmuir, 2009, 25, 3418-3424.	1.6	35

#	Article	IF	Citations
37	Green lightweight lead-free Gd2O3/epoxy nanocomposites with outstanding X-ray attenuation performance. Composites Science and Technology, 2018, 163, 89-95.	3.8	35
38	Interactions of PEI (polyethylenimine)â€"silica particles with citric acid in dispersions. Colloid and Polymer Science, 2011, 289, 237-245.	1.0	31
39	Effects of Gum Arabic macromolecules on surface forces in oxide dispersions. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2001, 182, 263-268.	2.3	30
40	Molecular Configuration of Adsorbed cis- and trans-1,2-Ethylene Dicarboxylic Acids and Interparticle Forces in Colloidal Dispersions. Langmuir, 2002, 18, 2448-2449.	1.6	29
41	Evolution of Shale Permeability under the Influence of Gas Diffusion from the Fracture Wall into the Matrix. Energy & Fuels, 2020, 34, 4393-4406.	2.5	29
42	Structural recovery behaviour of kaolin, bentonite and K-montmorillonite slurries. Powder Technology, 2012, 223, 105-109.	2.1	28
43	Uniform Dispersion of Lanthanum Hexaboride Nanoparticles in a Silica Thin Film: Synthesis and Optical Properties. ACS Applied Materials & Interfaces, 2012, 4, 5833-5838.	4.0	27
44	Effects of polyethylenimine dosages and molecular weights on flocculation, rheology and consolidation behaviors of kaolin slurries. Powder Technology, 2014, 254, 364-372.	2.1	27
45	Rheological behaviour and stability characteristics of biochar-water slurry fuels: Effect of biochar particle size and size distribution. Fuel Processing Technology, 2017, 156, 27-32.	3.7	27
46	Shale gas reservoir modeling and production evaluation considering complex gas transport mechanisms and dispersed distribution of kerogen. Petroleum Science, 2021, 18, 195-218.	2.4	27
47	X-ray protection, surface chemistry and rheology of ball-milled submicron Gd2O3 aqueous suspension. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 501, 75-82.	2.3	25
48	Microstructure and rheology of bentonite slurries containing multiple-charge phosphate-based additives. Applied Clay Science, 2019, 169, 120-128.	2.6	25
49	Inter-particle forces arising from adsorbed bolaform surfactants in colloidal suspensions. Journal of the Chemical Society, Faraday Transactions, 1997, 93, 105-109.	1.7	24
50	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
51	Yield stress-zeta potential relationship of oxide dispersions with adsorbed polyacrylate â€" Steric effect and zeta potential at the flocculated-dispersed transition state. Powder Technology, 2008, 186, 176-183.	2.1	24
52	Role of Molecular Architecture of Citric and Related Polyacids on the Yield Stress of Î±â€Alumina Slurries: Interâ€•and Intramolecular Forces. Journal of the American Ceramic Society, 2010, 93, 2598-2605.	1.9	24
53	Physicochemical behaviors of kaolin slurries with and without cationsâ€"Contributions of alumina and silica sheets. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2015, 468, 103-113.	2.3	24
54	Yield stress- and zeta potential-pH behaviour of washed Î±-Al2O3 suspensions with relatively high Ca(II) and Mg(II) concentrations: Hydrolysis product and bridging. International Journal of Mineral Processing, 2016, 148, 1-8.	2.6	23

#	Article	IF	Citations
55	Microstructure of Sodium Montmorillonite Gels with Long Aging Time Scale. Langmuir, 2018, 34, 9673-9682.	1.6	23
56	Rheology of low viscosity, high concentration brown coal suspensions. Rheologica Acta, 1993, 32, 277-285.	1.1	22
57	Particle bridging in dispersions by small charged molecules: chain length and rigidity, architecture and functional groups spatial position. Physical Chemistry Chemical Physics, 2007, 9, 5608.	1.3	22
58	Interaction between silica in the presence of adsorbed poly(ethyleneimine): correlation between colloidal probe adhesion measurements and yield stress. Physical Chemistry Chemical Physics, 2010, 12, 10594.	1.3	22
59	Depletion interaction in colloidal suspensions: a comparison between theory and experiment. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 1996, 118, 107-114.	2.3	20
60	Influence of cationic flocculant properties on the flocculation of yeast suspensions. Advanced Powder Technology, 2010, 21, 374-379.	2.0	20
61	Muscovite mica and koalin slurries: Yield stressâ€"volume fraction and deflocculation point zeta potential comparison. Powder Technology, 2014, 262, 124-130.	2.1	20
62	Structural recovery behavior of barite-loaded bentonite drilling muds. Journal of Petroleum Science and Engineering, 2011, 78, 552-558.	2.1	19
63	Source of Unimin kaolin rheological variationâ€"Ca2+ concentration. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 459, 90-99.	2.3	19
64	Synthesis, characterization and evaluation of a quadripolymer with low molecular weight as a water based drilling fluid viscosity reducer at high temperature (245 Â°C). Polymer International, 2015, 64, 1352-1360.	1.6	19
65	An experimental study of rheological properties and stability characteristics of biochar-glycerol-water slurry fuels. Fuel Processing Technology, 2016, 153, 37-42.	3.7	19
66	Exploitation of interparticle forces in the processing of colloidal ceramic materials. Materials & Design, 1994, 15, 141-147.	5.1	18
67	Mixing narrow coarse and fine coal fractions â€" The maximum volume fraction of suspensions. Advanced Powder Technology, 2013, 24, 764-770.	2.0	18
68	Polyelectrolyte-mediated interparticle forces in aqueous suspensions: Molecular structure and surface forces relationship. Chemical Engineering Research and Design, 2015, 101, 44-55.	2.7	18
69	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
70	Surface and rheological properties of as-received colloidal goethite (Î±-FeOOH) suspensions: pH and polyethylenimine effects. International Journal of Mineral Processing, 2009, 93, 41-47.	2.6	17
71	Facile fabrication of graphene oxide-wrapped alumina particles and their electrorheological characteristics. Materials Chemistry and Physics, 2014, 145, 151-155.	2.0	17
72	Surface chemistry, rheology and microstructure of purified natural and synthetic hectorite suspensions. Physical Chemistry Chemical Physics, 2018, 20, 19221-19233.	1.3	17

#	Article	IF	Citations
73	Surface Chemisty, Microstructure, and Rheology of Thixotropic 1-D Sepiolite Gels. Clays and Clay Minerals, 2020, 68, 9-22.	0.6	17
74	Model-Independent Relationships between Hematocrit, Blood Viscosity, and Yield Stress Derived from Couette Viscometry Data. Biotechnology Progress, 2002, 18, 1068-1075.	1.3	16
75	An Experimental Study of the Rheological Properties and Stability Characteristics of Biochar-Algae-Water Slurry Fuels. Energy Procedia, 2017, 105, 125-130.	1.8	16
76	Charged patch attraction in dispersion: effect of polystyrene sulphonate molecular weight or patch size. Colloid and Polymer Science, 2001, 279, 82-87.	1.0	14
77	Rheological analysis of graphene oxide coated anisotropic PMMA microsphere based electrorheological fluid from Couette flow geometry. Journal of Industrial and Engineering Chemistry, 2015, 21, 172-177.	2.9	14
78	Surface chemistryâ€"microstructureâ€"rheology of high and low crystallinity KGa-1b and KGa-2 kaolinite suspensions. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2015, 484, 354-364.	2.3	14
79	Colloidal forces, microstructure and thixotropy of sodium montmorillonite (SWy-2) gels: Roles of electrostatic and van der Waals forces. Applied Clay Science, 2020, 195, 105710.	2.6	14
80	Shale gas production from reservoirs with hierarchical multiscale structural heterogeneities. Journal of Petroleum Science and Engineering, 2022, 208, 109380.	2.1	14
81	Ammonium phosphate slurry rheology and particle propertiesâ€"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
82	Functional group interactions of adsorbed small charged bolaform molecules and their effects on intermolecular and surface forces in dispersions. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2008, 325, 127-131.	2.3	12
83	Yield stress and microstructure of washed oxide suspensions at the isoelectric point: experimental and model fractal structure. Rheologica Acta, 2016, 55, 847-856.	1.1	12
84	Impact of additives with opposing effects on the rheological properties of bentonite drilling mud: Flow, ageing, microstructure and preparation method. Journal of Petroleum Science and Engineering, 2020, 192, 107282.	2.1	12
85	The effects of cisâ€"trans configuration of cyclohexane multi-carboxylic acids on colloidal forces in dispersions: steric, hydrophobic and bridging. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 1999, 160, 199-205.	2.3	11
86	Evaluating the third and fourth derivatives of spectral data. Talanta, 2005, 68, 156-164.	2.9	11
87	The interaction between encapsulated Gd2O3 particles and polymeric matrix: The mechanism of fracture and X-ray attenuation properties. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 535, 175-183.	2.3	11
88	A General Computational Method for Converting Normal Spectra into Derivative Spectra. Applied Spectroscopy, 2005, 59, 584-592.	1.2	10
89	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
90	Surface forces arising from adsorbed hydrolysis products of metal ions in ZrO2 and silica dispersions: Cu(II), Ni(II), Co(II) and Al(III). Powder Technology, 2007, 179, 38-42.	2.1	10

#	Article	IF	Citations
91	Obtaining the evolving concentration distribution curves during binary disintegration of macromolecules. AICHE Journal, 2008, 54, 2699-2706.	1.8	10
92	High Yield Stress Associated with Capillary Attraction between Alumina Surfaces in the Presence of Low Molecular Weight Dicarboxylic Acids. Langmuir, 2010, 26, 3067-3076.	1.6	10
93	Isomerism and Solubility of Benzene Mono- and Dicarboxylic Acid: Its Effect on Alumina Dispersions. Langmuir, 2011, 27, 49-58.	1.6	10
94	Surface force arising from adsorbed graphene oxide in alumina suspensions with different shape and size. AICHE Journal, 2013, 59, 3633-3641.	1.8	10
95	Synthesis and characterisation of strong hydrophobic bentonite. Materials Research Innovations, 2015, 19, 428-434.	1.0	10
96	Spherical Î±-Al2O3 suspensions layered sequentially with anionic and cationic polyelectrolytes: Chemistry, rheology and TEM images. Powder Technology, 2018, 338, 716-724.	2.1	10
97	A Reliable Method of Extracting the Rheological Properties of Fruit Purees from Flow Loop Data. Journal of Food Science, 2002, 67, 1407-1411.	1.5	9
98	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
99	The effects of benzoic acid compounds in Î±-Al2O3 dispersions: Additional attractive forces of particle bridging and precipitate bridging. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2012, 402, 159-167.	2.3	9
100	Flocculation of yeast suspensions by a cationic flocculant. Powder Technology, 2013, 235, 426-430.	2.1	9
101	Ageing and collapse of Bentonite gels â€" Effects of Mg(II), Ca(II) and Ba(II) ions. Applied Clay Science, 2015, 114, 141-150.	2.6	9
102	A novel approach for the preparation of nanosized Gd2O3 structure: The influence of surface force on the morphology of ball milled particles. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 506, 13-19.	2.3	9
103	A fully coupled multidomain and multiphysics model considering stimulation patterns and thermal effects for evaluation of coalbed methane (CBM) extraction. Journal of Petroleum Science and Engineering, 2022, 214, 110506.	2.1	9
104	Obtaining surface tension from pendant drop volume and radius of curvature at the apex. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2008, 315, 136-146.	2.3	8
105	Molecular attributes of an effective steric agent: Yield stress of dispersions in the presence of pure enantiomeric and racemate malic acids. Advanced Powder Technology, 2012, 23, 459-464.	2.0	8
106	Sequential yield stress and zeta potential measurements on the same suspensions for platelet and spherical alumina. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 441, 360-366.	2.3	8
107	Surface chemistry, rheology and microstructure of as-received SHCa-1 hectorite gels. Clay Minerals, 2019, 54, 269-275.	0.2	8
108	Rodâ€"plate interactions in sepioliteâ€"LAPONITEÂ® gels: microstructure, surface chemistry and rheology. Soft Matter, 2021, 17, 2614-2623.	1.2	8

#	Article	IF	Citations
109	Surface Forces and Rheology of Titanium Dioxide in the Presence of Dicarboxylic Acids: From Molecular Interactions to Yield Stress. Langmuir, 2017, 33, 1496-1506.	1.6	7
110	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. Minerals Engineering, 2021, 166, 106874.	1.8	7
111	Ageing behaviour spanning months of NaMt, hectorite and Laponite gels: Surface forces and microstructure â€" A comprehensive analysis. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 630, 127543.	2.3	7
112	Water Liberating/Sealing effects on shale gas Extraction: A fully coupled multidomain and multiphysics model. Fuel, 2022, 325, 124953.	3.4	7
113	Effects of steric and hydrophobic forces on the rheological properties of ZrO2 suspensions. Colloid and Polymer Science, 1997, 275, 869-875.	1.0	6
114	Flow behaviour of titanium dioxide dispersions in the presence of 2-hydroxyethyl cellulose. Colloid and Polymer Science, 2000, 278, 485-489.	1.0	6
115	Surface forces arising from adsorbed ionic copolymers with hydrophobic and hydrophilic segments in colloidal dispersions. Journal of Rheology, 2003, 47, 59-69.	1.3	6
116	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
117	A method for computing the partial derivatives of experimental data. AICHE Journal, 2010, 56, 3212-3224.	1.8	6
118	On the Flocculation and Agglomeration of Ceria Dispersion. Journal of Dispersion Science and Technology, 2011, 32, 1235-1238.	1.3	5
119	An experimental study of the rheological properties and stability characteristics of biocharâ€"algaeâ€"water slurry fuels. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-6.	1.2	5
120	Effect of sequentially adsorbed multilayers, citric acid(CA)-PEI-CA-PEI and PEI-CA-PEI-CA, on the surface chemistry and rheology of spherical Î±-alumina suspensions. Journal of Dispersion Science and Technology, 2019, 40, 1179-1188.	1.3	5
121	Characterising the Flocculated-Dispersed State Transition. Journal of Chemical Engineering of Japan, 2004, 37, 187-193.	0.3	5
122	Cleaving of S-mandelonitrile catalyzed by S-hydroxynitrile lyase from Hevea brasiliensisâ€"a kinetic investigation based on the rate curve method. Journal of Biotechnology, 2004, 111, 31-39.	1.9	4
123	Metal Ions Solubility in Plant Phosphoric AcidDegree of Ammonia Neutralization and Temperature Effects. Industrial & Engineering Chemistry Research, 2008, 47, 1380-1385.	1.8	4
124	Slow Steady Viscous Flow of Newtonian Fluids in Parallel-Disk Viscometer With Wall Slip. Journal of Applied Mechanics, Transactions ASME, 2008, 75, .	1.1	4
125	A general procedure for obtaining the evolving particleâ€size distribution of flocculating suspensions. AICHE Journal, 2012, 58, 3043-3053.	1.8	4
126	Yield stress of oxide dispersionsâ€"intermolecular forces of adsorbed small ionic additives and particle surface roughness. Canadian Journal of Chemical Engineering, 2012, 90, 1484-1493.	0.9	4

#	Article	IF	Citations
127	Spherical metal oxides-LAPONITEÂ® sheets interactions: Microstructure, rheology and thixotropy of composite gels. Applied Clay Science, 2021, 208, 106113.	2.6	4
128	Obtaining the Shear Stress versus Shear Rate Relationship and Yield Stress of Blood from Capillary Viscometry Data by Tikhonov Regularization. Biotechnology Progress, 2002, 18, 879-884.	1.3	3
129	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
130	Error Introduced by a Popular Method of Processing Parallel-Disk Viscometry Data. Applied Rheology, 2007, 17, 66415-1-66415-6.	3.5	3
131	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
132	Conformational molecular structureâ€“surface force correlation of ethylenediaminetetracetic, nitrilotriacetic and (S,S)-ethylenediamine-N,Nâ€²-disuccinic acids in Î±-Al2O3 dispersions. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2012, 395, 46-53.	2.3	3
133	Obtaining the kinetic function of depolymerization from evolving molecular weight distribution dataâ€“an inverse problem. AIChE Journal, 2013, 59, 912-922.	1.8	3
134	Flow curve analysis of a Pickering emulsion-polymerized PEDOT:PSS/PS-based electrorheological fluid. Smart Materials and Structures, 2017, 26, 117001.	1.8	3
135	Applying Tikhonov Regularization to Process Pendant Droplet Tensiometry Data. Langmuir, 2005, 21, 11241-11250.	1.6	2
136	New Development in Processing Pendant Droplet Tensiometry Data. Langmuir, 2008, 24, 10942-10949.	1.6	2
137	The effect of adsorbed fumaric acid on dispersions of rough titania particles. Powder Technology, 2012, 223, 110-115.	2.1	2
138	Surface force arising from adsorbed diethylenetriaminepentacetic acid (DTPA) and related compounds and their metal ions complexes in alumina suspensions. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2013, 422, 172-180.	2.3	2
139	Hydrophobic interaction and patch charge attraction in Î±-Al2O3 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. Colloid and Polymer Science, 2016, 294, 1765-1777.	1.0	2
140	High shear breakage of compact polyelectrolyte-bridged flocs: A method for obtaining model-independent breakage rate function data. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 552, 48-58.	2.3	2
141	Predicting the Logarithmic Distribution Factors for Coprecipitation into an Organic Salt: Selection of Rare Earths into a Mixed Oxalate. Minerals (Basel, Switzerland), 2020, 10, 712.	0.8	2
142	A simple method of correcting the parallel plate rim shear stress for non-Newtonian behavior. Korea Australia Rheology Journal, 2020, 32, 165-169.	0.7	2
143	Microstructure of KGa-1b and KGa-2 kaolin suspensions revisited. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 617, 126354.	2.3	2
144	Microstructure and Time-Dependent Behavior of STx-1b Calcium Montmorillonite Suspensions. Clays and Clay Minerals, 2021, 69, 787.	0.6	2

#	Article	IF	Citations
145	Compressive yield stress from multiple-speed centrifuge measurements. AICHE Journal, 2001, 47, 2798-2806.	1.8	1
146	Investigating the Properties of Aqueous Monoisopropanolamine Using Density Data from 283.15K to 353.15K. International Journal of Thermophysics, 2009, 30, 448-463.	1.0	1
147	Fragmentation of polymerâ€bridged silica flocs by high shear impact: experiment and population balance modelling. Asia-Pacific Journal of Chemical Engineering, 2015, 10, 542-555.	0.8	1
148	Fragmentation of compact polymer-bridged flocs in the laminar taylor vortex flow regime: population balance and breakage function. Chemical Engineering Research and Design, 2020, 153, 684-696.	2.7	1
149	Yield stress and microstructure of composite halloysite-LAPONITEÂ® gels: Effects of mixing ratio, surface chemistry, and ageing time. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 640, 128472.	2.3	1
150	Applying Tikhonov regularization to process the kinetic data of polymerization. Journal of Applied Polymer Science, 2004, 94, 1625-1633.	1.3	0
151	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
152	Obtaining modelâ€independent growth rates from experimental data of dry thermal oxidation of silicon. AICHE Journal, 2014, 60, 1810-1820.	1.8	0
153	Effect of compact spherical potassium 12-tungstosilicate and lithium heteropolytungstate additives on the rheology and surface chemistry of washed spherical and platelet Î±-Al2O3 suspensions: Patch charge bridging. Powder Technology, 2020, 360, 937-943.	2.1	0