Jian Xu

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35 papers 1,927 citations 23 h-index g-index

35 ext. papers 2,074 ext. citations 5.6 avg, IF L-index

#	Paper	IF	Citations
35	Synthesis of bilayer oleic acid-coated Fe3O4 nanoparticles and their application in pH-responsive Pickering emulsions. <i>Journal of Colloid and Interface Science</i> , 2007 , 310, 260-9	9.3	254
34	Formation and stability of paraffin oil-in-water nano-emulsions prepared by the emulsion inversion point method. <i>Journal of Colloid and Interface Science</i> , 2006 , 303, 557-63	9.3	229
33	Pickering emulsions stabilized solely by layered double hydroxides particles: the effect of salt on emulsion formation and stability. <i>Journal of Colloid and Interface Science</i> , 2006 , 302, 159-69	9.3	167
32	Synergistic effect of silica nanoparticle and cetyltrimethyl ammonium bromide on the stabilization of O/W emulsions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2007 , 302, 126-135	5.1	159
31	Aqueous foams stabilized by Laponite and CTAB. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2008 , 317, 406-413	5.1	111
30	Aqueous foams stabilized with particles and nonionic surfactants. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2008 , 324, 1-8	5.1	97
29	Highly stable concentrated nanoemulsions by the phase inversion composition method at elevated temperature. <i>Langmuir</i> , 2012 , 28, 14547-52	4	82
28	Pickering emulsions stabilized by a lipophilic surfactant and hydrophilic platelike particles. <i>Langmuir</i> , 2010 , 26, 5397-404	4	70
27	Foams stabilized by Laponite nanoparticles and alkylammonium bromides with different alkyl chain lengths. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2010 , 355, 151-157	5.1	69
26	Pickering emulsions stabilized by paraffin wax and Laponite clay particles. <i>Journal of Colloid and Interface Science</i> , 2009 , 336, 314-21	9.3	66
25	Synergistic stabilization of emulsions by poly(oxypropylene)diamine and Laponite particles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2010 , 353, 117-124	5.1	54
24	Aqueous foams stabilized by hexylamine-modified Laponite particles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009 , 338, 40-46	5.1	49
23	Formation and properties of paraffin wax submicron emulsions prepared by the emulsion inversion point method. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2010 , 356, 71-77	5.1	48
22	O/W nano-emulsions with tunable PIT induced by inorganic salts. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2011 , 375, 102-108	5.1	46
21	Double inversion of emulsions induced by salt concentration. <i>Langmuir</i> , 2012 , 28, 6769-75	4	43
20	Preparation of positively charged oil/water nano-emulsions with a sub-PIT method. <i>Journal of Colloid and Interface Science</i> , 2011 , 361, 565-72	9.3	43
19	pH Switchable Emulsions Based on Dynamic Covalent Surfactants. <i>Langmuir</i> , 2017 , 33, 3040-3046	4	40

(2001-2013)

18	Surface modification of natural Na-montmorillonite in alkane solvents using a quaternary ammonium surfactant. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013 , 426, 26-3	2 ^{5.1}	38
17	Ca2+ ion responsive pickering emulsions stabilized by PSSMA nanoaggregates. <i>Langmuir</i> , 2013 , 29, 144.	24-8	37
16	Effect of inorganic electrolytes on the formation and the stability of water-in-oil (W/O) emulsions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013 , 429, 82-90	5.1	35
15	Phase inversion of emulsions containing a lipophilic surfactant induced by clay concentration. <i>Langmuir</i> , 2013 , 29, 3889-94	4	25
14	Effect of cetyltrimethylammonium bromide addition on the emulsions stabilized by montmorillonite. <i>Colloid and Polymer Science</i> , 2014 , 292, 441-447	2.4	24
13	In situ formed Mg(OH)2 nanoparticles as pH-switchable stabilizers for emulsions. <i>Journal of Colloid and Interface Science</i> , 2011 , 359, 155-62	9.3	24
12	Kinetic studies of lipase-catalyzed esterification in water-in-oil microemulsions and the catalytic behavior of immobilized lipase in MBGs. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2001 , 194, 41-47	5.1	21
11	Roles of methyl orange in preparation of emulsions stabilized by layered double hydroxide particles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013 , 421, 173-180	5.1	20
10	Fabrication of composite polymer foam films at the liquid/liquid interface through emulsion-directed assembly and adsorption processes. <i>Langmuir</i> , 2014 , 30, 2178-87	4	19
9	Preparation of highly stable concentrated W/O nanoemulsions by PIC method at elevated temperature. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014 , 447, 97-102	5.1	17
8	Temperature induced formation of particle coated non-spherical droplets. <i>Journal of Colloid and Interface Science</i> , 2011 , 359, 171-8	9.3	13
7	Dispersion stability of organoclay in octane improved by adding nonionic surfactants. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2012 , 415, 180-186	5.1	9
6	Aqueous foam stabilized by plate-like particles in the presence of sodium butyrate. <i>Journal of Colloid and Interface Science</i> , 2010 , 343, 87-93	9.3	7
5	Effect of liquid paraffin on the stability of aqueous foam in the presence and absence of electrolytes. <i>Colloid and Polymer Science</i> , 2010 , 288, 1271-1280	2.4	5
4	Cd2+ Counterion-Assisted Synthesis of Uniform CdS Nanospheres Capped with the Anionic Surfactant Sodium dodecylsulfate. <i>Journal of Dispersion Science and Technology</i> , 2014 , 35, 76-83	1.5	3
3	Effect of polyisobutylenesuccinimide on low-temperature rheology and dispersibility of clay particles in mineral oil. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013 , 431, 133-	1547	2
2	pH-responsive pickering foam created from self-aggregate polymer using dynamic covalent bond. <i>Journal of Colloid and Interface Science</i> , 2021 , 597, 383-392	9.3	1
1	A study of the microstructure of CTAB/1-butanol/octane/ water system by PGSE-NMR and Cryo-TEM. <i>Science Bulletin</i> , 2001 , 46, 1272-1276		