

# Jian Xu

## List of Publications by Year in Descending Order

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**Version:** 2024-04-23

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

35  
papers

1,927  
citations

23  
h-index

35  
g-index

35  
ext. papers

2,074  
ext. citations

5.6  
avg, IF

4.4  
L-index

#	Paper	IF	Citations
35	pH-responsive pickering foam created from self-aggregate polymer using dynamic covalent bond. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 597, 383-392	9.3	1
34	pH Switchable Emulsions Based on Dynamic Covalent Surfactants. <i>Langmuir</i> , <b>2017</b> , 33, 3040-3046	4	40
33	Effect of cetyltrimethylammonium bromide addition on the emulsions stabilized by montmorillonite. <i>Colloid and Polymer Science</i> , <b>2014</b> , 292, 441-447	2.4	24
32	Preparation of highly stable concentrated W/O nanoemulsions by PIC method at elevated temperature. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2014</b> , 447, 97-102	5.1	17
31	Fabrication of composite polymer foam films at the liquid/liquid interface through emulsion-directed assembly and adsorption processes. <i>Langmuir</i> , <b>2014</b> , 30, 2178-87	4	19
30	Cd <sup>2+</sup> Counterion-Assisted Synthesis of Uniform CdS Nanospheres Capped with the Anionic Surfactant Sodium dodecylsulfate. <i>Journal of Dispersion Science and Technology</i> , <b>2014</b> , 35, 76-83	1.5	3
29	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> , <b>2013</b> , 429, 82-90	5.1	35
28	Ca <sup>2+</sup> ion responsive pickering emulsions stabilized by PSSMA nanoaggregates. <i>Langmuir</i> , <b>2013</b> , 29, 14424-8		37
27	Roles of methyl orange in preparation of emulsions stabilized by layered double hydroxide particles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2013</b> , 421, 173-180	5.1	20
26	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> , <b>2013</b> , 431, 133-141	5.1	2
25	Surface modification of natural Na-montmorillonite in alkane solvents using a quaternary ammonium surfactant. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2013</b> , 426, 26-32	5.1	38
24	Phase inversion of emulsions containing a lipophilic surfactant induced by clay concentration. <i>Langmuir</i> , <b>2013</b> , 29, 3889-94	4	25
23	Highly stable concentrated nanoemulsions by the phase inversion composition method at elevated temperature. <i>Langmuir</i> , <b>2012</b> , 28, 14547-52	4	82
22	Dispersion stability of organoclay in octane improved by adding nonionic surfactants. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2012</b> , 415, 180-186	5.1	9
21	Double inversion of emulsions induced by salt concentration. <i>Langmuir</i> , <b>2012</b> , 28, 6769-75	4	43
20	O/W nano-emulsions with tunable PIT induced by inorganic salts. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2011</b> , 375, 102-108	5.1	46
19	In situ formed Mg(OH) <sub>2</sub> nanoparticles as pH-switchable stabilizers for emulsions. <i>Journal of Colloid and Interface Science</i> , <b>2011</b> , 359, 155-62	9.3	24

18	Temperature induced formation of particle coated non-spherical droplets. <i>Journal of Colloid and Interface Science</i> , <b>2011</b> , 359, 171-8	9.3	13
17	Preparation of positively charged oil/water nano-emulsions with a sub-PIT method. <i>Journal of Colloid and Interface Science</i> , <b>2011</b> , 361, 565-72	9.3	43
16	Pickering emulsions stabilized by a lipophilic surfactant and hydrophilic platelike particles. <i>Langmuir</i> , <b>2010</b> , 26, 5397-404	4	70
15	Effect of liquid paraffin on the stability of aqueous foam in the presence and absence of electrolytes. <i>Colloid and Polymer Science</i> , <b>2010</b> , 288, 1271-1280	2.4	5
14	Aqueous foam stabilized by plate-like particles in the presence of sodium butyrate. <i>Journal of Colloid and Interface Science</i> , <b>2010</b> , 343, 87-93	9.3	7
13	Synergistic stabilization of emulsions by poly(oxypropylene)diamine and Laponite particles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2010</b> , 353, 117-124	5.1	54
12	Foams stabilized by Laponite nanoparticles and alkylammonium bromides with different alkyl chain lengths. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2010</b> , 355, 151-157	5.1	69
11	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> , <b>2010</b> , 356, 71-77	5.1	48
10	Pickering emulsions stabilized by paraffin wax and Laponite clay particles. <i>Journal of Colloid and Interface Science</i> , <b>2009</b> , 336, 314-21	9.3	66
9	Aqueous foams stabilized by hexylamine-modified Laponite particles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2009</b> , 338, 40-46	5.1	49
8	Aqueous foams stabilized with particles and nonionic surfactants. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2008</b> , 324, 1-8	5.1	97
7	Aqueous foams stabilized by Laponite and CTAB. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2008</b> , 317, 406-413	5.1	111
6	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> , <b>2007</b> , 302, 126-135	5.1	159
5	Synthesis of bilayer oleic acid-coated Fe <sub>3</sub> O <sub>4</sub> nanoparticles and their application in pH-responsive Pickering emulsions. <i>Journal of Colloid and Interface Science</i> , <b>2007</b> , 310, 260-9	9.3	254
4	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> , <b>2006</b> , 302, 159-69	9.3	167
3	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> , <b>2006</b> , 303, 557-63	9.3	229
2	A study of the microstructure of CTAB/1-butanol/octane/ water system by PGSE-NMR and Cryo-TEM. <i>Science Bulletin</i> , <b>2001</b> , 46, 1272-1276		
1	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> , <b>2001</b> , 194, 41-47	5.1	21

