Kate L Thompson

List of Publications by Year in Descending Order

31 papers	1,712 citations	26 h-index	31 g-index
31 ext. papers	1,884 ext. citations	5.2 avg, IF	4.77 L-index

#	Paper	IF	Citations
31	Synthesis, Characterization, and Pickering Emulsifier Performance of Anisotropic Cross-Linked Block Copolymer Worms: Effect of Aspect Ratio on Emulsion Stability in the Presence of Surfactant. *Langmuir*, **2019**, 35, 254-265	4	17
30	Long-Term Stability of n-Alkane-in-Water Pickering Nanoemulsions: Effect of Aqueous Solubility of Droplet Phase on Ostwald Ripening. *Langmuir*, **2018**, 34, 9289-9297	4	38
29	Time-Resolved SAXS Studies of the Kinetics of Thermally Triggered Release of Encapsulated Silica Nanoparticles from Block Copolymer Vesicles. *Macromolecules*, **2017**, 50, 4465-4473	5.5	22
28	Bespoke Diblock Copolymer Nanoparticles Enable the Production of Relatively Stable Oil-in-Water Pickering Nanoemulsions. *Langmuir*, **2017**, 33, 12616-12623	4	32
27	Preparation of non-aqueous Pickering emulsions using anisotropic block copolymer nanoparticles. *Colloid and Polymer Science*, **2016**, 294, 1-12	2.4	43
26	Bespoke contrast-matched diblock copolymer nanoparticles enable the rational design of highly transparent Pickering double emulsions. *Nanoscale*, **2016**, 8, 14497-506	7.7	30
25	ABC Triblock Copolymer Worms: Synthesis, Characterization, and Evaluation as Pickering Emulsifiers for Millimeter-Sized Droplets. *Macromolecules*, **2016**, 49, 7897-7907	5.5	59
24	Non-aqueous Isorefractive Pickering Emulsions. *Langmuir*, **2015**, 31, 4373-6	4	39
23	Preparation of Pickering double emulsions using block copolymer worms. *Langmuir*, **2015**, 31, 4137-44	4	71
22	Framboidal ABC triblock copolymer vesicles: a new class of efficient Pickering emulsifier. *Chemical Science*, **2015**, 6, 6179-6188	9.4	82
21	Vermicious thermo-responsive Pickering emulsifiers. *Chemical Science*, **2015**, 6, 4207-4214	9.4	81
20	Colloidosomes: synthesis, properties and applications. *Journal of Colloid and Interface Science*, **2015** , 447, 217-28	9.3	141
19	Are block copolymer worms more effective Pickering emulsifiers than block copolymer spheres?. *Soft Matter*, **2014**, 10, 8615-26	3.6	91
18	Poly(glycerol monomethacrylate)–Poly(benzyl methacrylate) Diblock Copolymer Nanoparticles via RAFT Emulsion Polymerization: Synthesis, Characterization, and Interfacial Activity. *Macromolecules* , **2014**, 47, 5613-5623	5.5	135
17	Novel Pickering emulsifiers based on pH-responsive poly(2-(diethylamino)ethyl methacrylate) latexes. *Langmuir*, **2013**, 29, 5466-75	4	109
16	Facile phenylboronate modification of silica by a silaneboronate. *Langmuir*, **2013**, 29, 594-8	4	8
15	Adsorption of sterically stabilized latex particles at liquid surfaces: effects of steric stabilizer surface coverage, particle size, and chain length on particle wettability. *Langmuir*, **2012**, 28, 7291-8	4	34

14	Can polymersomes form colloidosomes?. *Journal of the American Chemical Society*, **2012**, 134, 12450-3	16.4	130
13	Direct observation of giant Pickering emulsion and colloidosome droplet interaction and stability. *Langmuir*, **2012**, 28, 16501-11	4	33
12	Novel Pickering emulsifiers based on pH-responsive poly(tert-butylaminoethyl methacrylate) latexes. *Langmuir*, **2012**, 28, 11733-44	4	61
11	Preparation of stimulus-responsive liquid marbles using a polyacid-stabilised polystyrene latex. *Soft Matter*, **2011**, 7, 6797	3.6	40
10	Borate binding to polyol-stabilized latex. *Langmuir*, **2011**, 27, 2118-23	4	8
9	Preparation of Pickering emulsions and colloidosomes with relatively narrow size distributions by stirred cell membrane emulsification. *Langmuir*, **2011**, 27, 2357-63	4	51
8	From well-defined macromonomers to sterically-stabilised latexes to covalently cross-linkable colloidosomes: exerting control over multiple length scales. *Chemical Communications*, **2010**, 46, 5274-6	5.8	42
7	Synthesis of well-defined primary amine-based homopolymers and block copolymers and their Michael addition reactions with acrylates and acrylamides. *Polymer Chemistry*, **2010**, 1, 221	4.9	44
6	Controlling deposition and release of polyol-stabilized latex on boronic acid-derivatized cellulose. *Langmuir*, **2010**, 26, 17237-41	4	19
5	Synthesis of Sterically-Stabilized Latexes Using Well-Defined Poly(glycerol monomethacrylate) Macromonomers. *Macromolecules*, **2010**, 43, 2169-2177	5.5	50
4	Polyamine-functional sterically stabilized latexes for covalently cross-linkable colloidosomes. *Langmuir*, **2010**, 26, 18039-48	4	43
3	Preparation of biocompatible sterically stabilized latexes using well-defined poly(2-(methacryloyloxy)ethyl phosphorylcholine) macromonomers. *Langmuir*, **2010**, 26, 4693-702	4	30
2	Covalently Cross-Linked Colloidosomes. *Macromolecules*, **2010**, 43, 10466-10474	5.5	92
1	Chemical degradation of poly(2-aminoethyl methacrylate). *Polymer Degradation and Stability*, **2008**, 93, 1460-1466	4.7	37