Steven Armes

List of Publications by Citations

692 papers	48,364 citations	115 h-index	176 g-index
710 ext. papers	51,524 ext. citations	6.7 avg, IF	7.9 L-index

#	Paper	IF	Citations
692	Self-Assembled Block Copolymer Aggregates: From Micelles to Vesicles and their Biological Applications. *Macromolecular Rapid Communications*, **2009**, 30, 267-77	4.8	1199
691	Polymerization-induced self-assembly of block copolymer nano-objects via RAFT aqueous dispersion polymerization. *Journal of the American Chemical Society*, **2014**, 136, 10174-85	16.4	764
690	Mechanistic insights for block copolymer morphologies: how do worms form vesicles?. *Journal of the American Chemical Society*, **2011**, 133, 16581-7	16.4	593
689	A Critical Appraisal of RAFT-Mediated Polymerization-Induced Self-Assembly. *Macromolecules*, **2016**, 49, 1985-2001	5.5	571
688	pH-sensitive vesicles based on a biocompatible zwitterionic diblock copolymer. *Journal of the American Chemical Society*, **2005**, 127, 17982-3	16.4	530
687	Synthesis and aqueous solution properties of near-monodisperse tertiary amine methacrylate homopolymers and diblock copolymers. *Polymer*, **2001**, 42, 5993-6008	3.9	530
686	Lubrication at physiological pressures by polyzwitterionic brushes. *Science*, **2009**, 323, 1698-701	33.3	505
685	Polymerization-induced self-assembly of block copolymer nanoparticles via RAFT non-aqueous dispersion polymerization. *Progress in Polymer Science*, **2016**, 52, 1-18	29.6	428
684	Synthesis of Shell Cross-Linked Micelles with pH-Responsive Cores Using ABC Triblock Copolymers. *Macromolecules*, **2002**, 35, 6121-6131	5.5	400
683	Biomimetic pH Sensitive Polymersomes for Efficient DNA Encapsulation and Delivery. *Advanced Materials*, **2007**, 19, 4238-4243	24	390
682	Recent advances in shell cross-linked micelles. *Chemical Communications*, **2007**, 3021-35	5.8	359
681	Aqueous dispersion polymerization: a new paradigm for in situ block copolymer self-assembly in concentrated solution. *Journal of the American Chemical Society*, **2011**, 133, 15707-13	16.4	355
680	Facile Atom Transfer Radical Polymerization of Methoxy-Capped Oligo(ethylene glycol) Methacrylate in Aqueous Media at Ambient Temperature. *Macromolecules*, **2000**, 33, 6640-6647	5.5	333
679	Predictive Phase Diagrams for RAFT Aqueous Dispersion Polymerization: Effect of Block Copolymer Composition, Molecular Weight, and Copolymer Concentration. *Macromolecules*, **2012**, 45, 5099-5107	5.5	307
678	Sterilizable gels from thermoresponsive block copolymer worms. *Journal of the American Chemical Society*, **2012**, 134, 9741-8	16.4	303
677	pH-responsive vesicles based on a hydrolytically self-cross-linkable copolymer. *Journal of the American Chemical Society*, **2005**, 127, 12800-1	16.4	294
676	Synthesis of Well-Defined, Polymer-Grafted Silica Particles by Aqueous ATRP. *Langmuir*, **2001**, 17, 4479-4481	4	285

675	RAFT aqueous dispersion polymerization yields poly(ethylene glycol)-based diblock copolymer nano-objects with predictable single phase morphologies. *Journal of the American Chemical Society*, **2014**, 136, 1023-33	16.4	284
674	Polymeric surfactants for the new millennium: a pH-responsive, zwitterionic, schizophrenic diblock copolymer. *Angewandte Chemie - International Edition*, **2002**, 41, 1413-6	16.4	281
673	Stimulus-Responsive Emulsifiers Based on Nanocomposite Microgel Particles. *Advanced Materials*, **2005**, 17, 1014-1018	24	279
672	Synthesis of Reversible Shell Cross-Linked Micelles for Controlled Release of Bioactive Agents *Macromolecules*, **2006**, 39, 2726-2728	5.5	268
671	RAFT synthesis of sterically stabilized methacrylic nanolatexes and vesicles by aqueous dispersion polymerization. *Angewandte Chemie - International Edition*, **2010**, 49, 4042-6	16.4	261
670	Characterizing the Structure of pH Dependent Polyelectrolyte Block Copolymer Micelles. *Macromolecules*, **1999**, 32, 4302-4310	5.5	261
669	Controlled Polymerization of 2-Hydroxyethyl Methacrylate by ATRP at Ambient Temperature. *Macromolecules*, **2001**, 34, 3155-3158	5.5	252
668	Stimulus-Responsive Water-Soluble Polymers Based on 2-Hydroxyethyl Methacrylate. *Macromolecules*, **2004**, 37, 2395-2403	5.5	245
667	Synthesis of pH-Responsive Shell Cross-Linked Micelles and Their Use as Nanoreactors for the Preparation of Gold Nanoparticles. *Langmuir*, **2002**, 18, 8350-8357	4	243
666	Emerging Trends in Polymerization-Induced Self-Assembly. *ACS Macro Letters*, **2019**, 8, 1029-1054	6.6	237
665	Optimum reaction conditions for the polymerization of pyrrole by iron(III) chloride in aqueous solution. *Synthetic Metals*, **1987**, 20, 365-371	3.6	237
664	A Schizophrenic Water-Soluble Diblock Copolymer. *Angewandte Chemie - International Edition*, **2001**, 40, 2328-2331	16.4	234
663	Synthesis and aqueous solution properties of novel sugar methacrylate-based homopolymers and block copolymers. *Biomacromolecules*, **2003**, 4, 1746-58	6.9	232
662	Synthesis of Zwitterionic Shell Cross-Linked Micelles. *Journal of the American Chemical Society*, **1999**, 121, 4288-4289	16.4	229
661	Synthesis and Characterization of Vinyl Polymer Silica Colloidal Nanocomposites. *Langmuir*, **2000**, 16, 6913-6920	4	227
660	Continuous structural evolution of calcium carbonate particles: a unifying model of copolymer-mediated crystallization. *Journal of the American Chemical Society*, **2007**, 129, 3729-36	16.4	222
659	A new class of biochemically degradable, stimulus-responsive triblock copolymer gelators. *Angewandte Chemie - International Edition*, **2006**, 45, 3510-3	16.4	220
658	Synthesis and characterization of novel pH-responsive microgels based on tertiary amine methacrylates. *Langmuir*, **2004**, 20, 8992-9	4	219

657	RAFT dispersion polymerization in non-polar solvents: facile production of block copolymer spheres, worms and vesicles in n-alkanes. *Chemical Science*, **2013**, 4, 2081	9.4	216
656	Synthesis of Shell Cross-Linked Micelles with Tunable Hydrophilic/Hydrophobic Cores. *Journal of the American Chemical Society*, **1998**, 120, 12135-12136	16.4	216
655	Unusual Aggregation Behavior of a Novel Tertiary Amine Methacrylate-Based Diblock Copolymer: Formation of Micelles and Reverse Micelles in Aqueous Solution. *Journal of the American Chemical Society*, **1998**, 120, 11818-11819	16.4	212
654	Syntheses of shell cross-linked micelles using acidic ABC triblock copolymers and their application as pH-responsive particulate emulsifiers. *Journal of the American Chemical Society*, **2005**, 127, 7304-5	16.4	210
653	Well-Defined Biocompatible Block Copolymers via Atom Transfer Radical Polymerization of 2-Methacryloyloxyethyl Phosphorylcholine in Protic Media. *Macromolecules*, **2003**, 36, 3475-3484	5.5	209
652	Thermo-responsive diblock copolymer worm gels in non-polar solvents. *Journal of the American Chemical Society*, **2014**, 136, 5790-8	16.4	208
651	An artificial biomineral formed by incorporation of copolymer micelles in calcite crystals. *Nature Materials*, **2011**, 10, 890-6	27	207
650	Controlling cellular uptake by surface chemistry, size, and surface topology at the nanoscale. *Small*, **2009**, 5, 2424-32	11	205
649	Polyaniline Dispersions. 6.Stabilization by Colloidal Silica Particles. *Macromolecules*, **1996**, 29, 6814-6819	3.5	203
648	Synthesis and Chemical Degradation of Branched Vinyl Polymers Prepared via ATRP: Use of a Cleavable Disulfide-Based Branching Agent. *Macromolecules*, **2005**, 38, 8155-8162	5.5	195
647	Synthesis of Novel PolymerSilica Colloidal Nanocomposites via Free-Radical Polymerization of Vinyl Monomers. *Advanced Materials*, **1999**, 11, 408-410	24	194
646	Facile synthesis of well-defined, biocompatible phosphorylcholine-based methacrylate copolymers via atom transfer radical polymerization at 20 degrees C. *Journal of the American Chemical Society*, **2001**, 123, 7913-4	16.4	193
645	Solubilization and controlled release of a hydrophobic drug using novel micelle-forming ABC triblock copolymers. *Biomacromolecules*, **2003**, 4, 1636-45	6.9	185
644	Stimulus-responsive liquid marbles. *Journal of the American Chemical Society*, **2009**, 131, 5386-7	16.4	184
643	The facile one-pot synthesis of shell cross-linked micelles in aqueous solution at high solids. *Journal of the American Chemical Society*, **2001**, 123, 9910-1	16.4	182
642	Structure of pH-Dependent Block Copolymer Micelles: Charge and Ionic Strength Dependence. *Macromolecules*, **2002**, 35, 8540-8551	5.5	179
641	Facile synthesis of well-defined water-soluble polymers via atom transfer radical polymerization in aqueous media at ambient temperature. *Chemical Communications*, **1999**, 1817-1818	5.8	179
640	Development of Branching in Living Radical Copolymerization of Vinyl and Divinyl Monomers. *Macromolecules*, **2006**, 39, 7483-7492	5.5	173

639	Cross-linking of cationic block copolymer micelles by silica deposition. *Journal of the American Chemical Society*, **2007**, 129, 1717-23	16.4	172
638	Temperature-induced inversion of nanoparticle-stabilized emulsions. *Angewandte Chemie - International Edition*, **2005**, 44, 4795-8	16.4	170
637	Optimum reaction conditions for the polymerization of aniline in aqueous solution by ammonium persulphate. *Synthetic Metals*, **1988**, 22, 385-393	3.6	170
636	Anionic polyelectrolyte-stabilized nanoparticles via RAFT aqueous dispersion polymerization. *Langmuir*, **2012**, 28, 914-22	4	168
635	Multihydroxy Polymer-Functionalized Carbon Nanotubes: Synthesis, Derivatization, and Metal Loading. *Macromolecules*, **2005**, 38, 8634-8648	5.5	167
634	Conducting polymer-colloidal silica composites. *Polymer*, **1991**, 32, 2325-2330	3.9	165
633	Synthesis and characterization of micrometre-sized,polypyrrole-coated polystyrene latexes. *Journal of Materials Chemistry*, **1997**, 7, 1339-1347		163
632	Synthesis of Shell Cross-Linked Micelles at High Solids in Aqueous Media. *Macromolecules*, **2000**, 33, 1-3	5.5	163
631	Facile Synthesis of Methacrylic ABC Triblock Copolymer Vesicles by RAFT Aqueous Dispersion Polymerization. *Macromolecules*, **2012**, 45, 5081-5090	5.5	162
630	Efficient synthesis of sterically-stabilized nano-objects via RAFT dispersion polymerization of benzyl methacrylate in alcoholic media. *Advanced Materials*, **2012**, 24, 3378-82	24	161
629	Efficient synthesis of sterically stabilized pH-responsive microgels of controllable particle diameter by emulsion polymerization. *Langmuir*, **2006**, 22, 3381-7	4	161
628	Polymerization-induced self-assembly of galactose-functionalized biocompatible diblock copolymers for intracellular delivery. *Journal of the American Chemical Society*, **2013**, 135, 13574-81	16.4	159
627	Atom Transfer Radical Polymerization of Hydroxy-Functional Methacrylates at Ambient Temperature:´Comparison of Glycerol Monomethacrylate with 2-Hydroxypropyl Methacrylate. *Macromolecules*, **2002**, 35, 1152-1159	5.5	156
626	Synthesis and characterization of biocompatible thermo-responsive gelators based on ABA triblock copolymers. *Biomacromolecules*, **2005**, 6, 994-9	6.9	155
625	Synthesis and aqueous solution properties of a well-defined thermo-responsive schizophrenic diblock copolymer. *Chemical Communications*, **2002**, 2122-3	5.8	154
624	Synthesis of Biocompatible Polymers. 1. Homopolymerization of 2-Methacryloyloxyethyl Phosphorylcholine via ATRP in Protic Solvents: An Optimization Study. *Macromolecules*, **2002**, 35, 9306-9314	5.5	152
623	Synthesis and Solution Properties of Water-Soluble Hydrophilic−Hydrophobic Block Copolymers. *Macromolecules*, **1996**, 29, 3416-3420	5.5	150
622	Non-cytotoxic polymer vesicles for rapid and efficient intracellular delivery. *Faraday Discussions*, **2008**, 139, 143-59; discussion 213-28, 419-20	3.6	148

621	Selective Quaternization of 2-(Dimethylamino)ethyl Methacrylate Residues in Tertiary Amine Methacrylate Diblock Copolymers. *Macromolecules*, **2001**, 34, 1148-1159	5.5	147
620	Synthesis of branched poly(methyl methacrylate)s via controlled/living polymerisations exploiting ethylene glycol dimethacrylate as branching agent. *Chemical Communications*, **2004**, 1138-9	5.8	146
619	Synthesis and Characterization of Micrometer-Sized, Polyaniline-Coated Polystyrene Latexes. *Langmuir*, **1998**, 14, 2032-2041	4	145
618	Synthesis of novel folic acid-functionalized biocompatible block copolymers by atom transfer radical polymerization for gene delivery and encapsulation of hydrophobic drugs. *Biomacromolecules*, **2005**, 6, 1085-96	6.9	144
617	Synthesis and Characterization of Zwitterionic Block Copolymers. *Macromolecules*, **1998**, 31, 5991-5998	5.5	144
616	Effects of pH and salt concentration on oil-in-water emulsions stabilized solely by nanocomposite microgel particles. *Langmuir*, **2006**, 22, 2050-7	4	143
615	Phosphorylcholine-based pH-responsive diblock copolymer micelles as drug delivery vehicles: light scattering, electron microscopy, and fluorescence experiments. *Biomacromolecules*, **2006**, 7, 817-28	6.9	143
614	Facile Synthesis of Acidic Copolymers via Atom Transfer Radical Polymerization in Aqueous Media at Ambient Temperature. *Macromolecules*, **2000**, 33, 255-257	5.5	142
613	First example of the atom transfer radical polymerisation of an acidic monomer: direct synthesis of methacrylic acid copolymers in aqueous media. *Chemical Communications*, **1999**, 1285-1286	5.8	142
612	Zwitterionic poly(amino acid methacrylate) brushes. *Journal of the American Chemical Society*, **2014**, 136, 9404-13	16.4	141
611	Colloidosomes: synthesis, properties and applications. *Journal of Colloid and Interface Science*, **2015** , 447, 217-28	9.3	141
610	pH-responsive non-ionic diblock copolymers: ionization of carboxylic acid end-groups induces an order-order morphological transition. *Angewandte Chemie - International Edition*, **2015**, 54, 1279-83	16.4	140
609	Aqueous dispersions of electrically conducting monodisperse polypyrrole particles. *Journal of Colloid and Interface Science*, **1987**, 118, 410-416	9.3	137
608	Efficient Synthesis of Amine-Functional Diblock Copolymer Nanoparticles via RAFT Dispersion Polymerization of Benzyl Methacrylate in Alcoholic Media. *Macromolecules*, **2012**, 45, 5091-5098	5.5	136
607	Controlling polymersome surface topology at the nanoscale by membrane confined polymer/polymer phase separation. *ACS Nano*, **2011**, 5, 1775-84	16.7	136
606	Quantitative evaluation of mechanosensing of cells on dynamically tunable hydrogels. *Journal of the American Chemical Society*, **2011**, 133, 1367-74	16.4	136
605	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
604	Synthesis of biocompatible, stimuli-responsive, physical gels based on ABA triblock copolymers. *Biomacromolecules*, **2003**, 4, 864-8	6.9	135

603	Synthesis and characterization of biocompatible, thermoresponsive ABC and ABA triblock copolymer gelators. *Langmuir*, **2005**, 21, 11026-33	4	134
602	Preparation and characterisation of novel polypyrrole–silica colloidal nanocomposites. *Journal of Materials Chemistry*, **1994**, 4, 935-942		134
601	Zeta Potential Measurements on Conducting Polymer-Inorganic Oxide Nanocomposite Particles. *Journal of Colloid and Interface Science*, **1995**, 174, 510-517	9.3	134
600	Direct Synthesis of Well-Defined Quaternized Homopolymers and Diblock Copolymers via ATRP in Protic Media. *Macromolecules*, **2003**, 36, 8268-8275	5.5	133
599	Direct Synthesis of Controlled-Structure Primary Amine-Based Methacrylic Polymers by Living Radical Polymerization. *Macromolecules*, **2007**, 40, 4429-4438	5.5	131
598	Can polymersomes form colloidosomes?. *Journal of the American Chemical Society*, **2012**, 134, 12450-3	16.4	130
597	Synthesis of Controlled Structure Water-Soluble Diblock Copolymers via Oxyanionic Polymerization. *Macromolecules*, **1999**, 32, 2088-2090	5.5	126
596	Testing the vesicular morphology to destruction: birth and death of diblock copolymer vesicles prepared via polymerization-induced self-assembly. *Journal of the American Chemical Society*, **2015**, 137, 1929-37	16.4	125
595	pH-responsive liquid marbles stabilized with poly(2-vinylpyridine) particles. *Soft Matter*, **2010**, 6, 635-640	3.6	125
594	The biocompatibility of crosslinkable copolymer coatings containing sulfobetaines and phosphobetaines. *Biomaterials*, **2004**, 25, 1195-204	15.6	125
593	Synthesis of sterically stabilized polystyrene latex particles using cationic block copolymers and macromonomers and their application as stimulus-responsive particulate emulsifiers for oil-in-water emulsions. *Langmuir*, **2004**, 20, 4345-54	4	125
592	Synthesis and Aqueous Solution Behavior of a pH-Responsive Schizophrenic Diblock Copolymer. *Langmuir*, **2003**, 19, 4432-4438	4	124
591	A New Highly Efficient Route to Polymer-Silica Colloidal Nanocomposite Particles. *Advanced Materials*, **2008**, 20, 3331-3336	24	123
590	Synthesis and aqueous solution properties of polyelectrolyte-grafted silica particles prepared by surface-initiated atom transfer radical polymerization. *Journal of Colloid and Interface Science*, **2003**, 257, 56-64	9.3	122
589	Using Dynamic Covalent Chemistry To Drive Morphological Transitions: Controlled Release of Encapsulated Nanoparticles from Block Copolymer Vesicles. *Journal of the American Chemical Society*, **2017**, 139, 7616-7623	16.4	121
588	Biocompatible wound dressings based on chemically degradable triblock copolymer hydrogels. *Biomacromolecules*, **2008**, 9, 2265-75	6.9	121
587	Stimulus-responsive particulate emulsifiers based on lightly cross-linked poly(4-vinylpyridine)-silica nanocomposite microgels. *Langmuir*, **2006**, 22, 6818-25	4	121
586	Copolymers of amine methacrylate with poly(ethylene glycol) as vectors for gene therapy. *Journal of Controlled Release*, **2001**, 73, 359-80	11.7	120

585	Effect of polymer ionization on the interaction with DNA in nonviral gene delivery systems. *Biomacromolecules*, **2003**, 4, 683-90	6.9	119
584	Novel colloidal dispersons of polyaniline. *Journal of the Chemical Society Chemical Communications*, **1989**, 88		119
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582	Polystyrene-silica nanocomposite particles via alcoholic dispersion polymerization using a cationic azo initiator. *Langmuir*, **2006**, 22, 4923-7	4	118
581	Direct Synthesis and Stimulus-Responsive Micellization of Y-Shaped Hydrophilic Block Copolymers. *Macromolecules*, **2004**, 37, 9728-9737	5.5	117
580	Synthesis of Diblock Copolymer Nanoparticles via RAFT Alcoholic Dispersion Polymerization: Effect of Block Copolymer Composition, Molecular Weight, Copolymer Concentration, and Solvent Type on the Final Particle Morphology. *Macromolecules*, **2013**, 46, 128-139	5.5	116
579	Aqueous particulate foams stabilized solely with polymer latex particles. *Langmuir*, **2006**, 22, 7512-20	4	116
578	Use of sterically-stabilised polystyrene latex particles as a pH-responsive particulate emulsifier to prepare surfactant-free oil-in-water emulsions. *Chemical Communications*, **2003**, 1826-7	5.8	115
577	Micellization of Poly(2-(dimethylamino)ethyl methacrylate-block-methyl methacrylate) Copolymers in Aqueous Solution. *Macromolecules*, **1996**, 29, 8151-8159	5.5	115
576	Loading of Silica Nanoparticles in Block Copolymer Vesicles during Polymerization-Induced Self-Assembly: Encapsulation Efficiency and Thermally Triggered Release. *Journal of the American Chemical Society*, **2015**, 137, 16098-108	16.4	114
575	Preparation of shell cross-linked micelles by polyelectrolyte complexation. *Angewandte Chemie - International Edition*, **2004**, 43, 1389-92	16.4	114
574	Synthesis and Characterization of Novel Film-Forming Vinyl Polymer/Silica Colloidal Nanocomposites. *Langmuir*, **2001**, 17, 4770-4778	4	114
573	A Zwitterionic ABC Triblock Copolymer That Forms a "Trinity" of Micellar Aggregates in Aqueous Solution. *Macromolecules*, **2004**, 37, 7116-7122	5.5	113
572	New folate-functionalized biocompatible block copolymer micelles as potential anti-cancer drug delivery systems. *Polymer*, **2006**, 47, 2946-2955	3.9	112
571	The effect of poly(ethylene glycol) molecular architecture on cellular interaction and uptake of DNA complexes. *Journal of Controlled Release*, **2004**, 97, 143-56	11.7	112
570	Synthesis of Vinyl Polymer–Silica Colloidal Nanocomposites via Aqueous Dispersion Polymerization. *Langmuir*, **2003**, 19, 2072-2079	4	112
569	Cationic polyelectrolyte-stabilized nanoparticles via RAFT aqueous dispersion polymerization. *Langmuir*, **2013**, 29, 7416-24	4	111
568	Synthesis and aqueous solution properties of novel hydrophilic–hydrophilic block copolymers based on tertiary aminemethacrylates. *Chemical Communications*, **1997**, 671-672	5.8	110

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566	Synthesis and Properties of Low-Polydispersity Poly(sulfopropylbetaine)s and Their Block Copolymers. *Macromolecules*, **1999**, 32, 2141-2148	5.5	109
565	UV Irradiation-Induced Shell Cross-Linked Micelles with pH-Responsive Cores Using ABC Triblock Copolymers. *Macromolecules*, **2006**, 39, 5987-5994	5.5	108
564	RAFT Synthesis of Branched Acrylic Copolymers. *Macromolecules*, **2007**, 40, 7119-7125	5.5	107
563	Polymersome-mediated delivery of combination anticancer therapy to head and neck cancer cells: 2D and 3D in vitro evaluation. *Molecular Pharmaceutics*, **2014**, 11, 1176-88	5.6	105
562	PolystyreneSilica Colloidal Nanocomposite Particles Prepared by Alcoholic Dispersion Polymerization. *Chemistry of Materials*, **2007**, 19, 2435-2445	9.6	105
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560	Direct Synthesis and Aqueous Solution Properties of Well-Defined Cyclic Sugar Methacrylate Polymers. *Macromolecules*, **2003**, 36, 4675-4678	5.5	105
559	Nile Blue-based nanosized pH sensors for simultaneous far-red and near-infrared live bioimaging. *Journal of the American Chemical Society*, **2013**, 135, 14863-70	16.4	104
558	Non-spherical morphologies from cross-linked biomimetic diblock copolymers using RAFT aqueous dispersion polymerization. *Soft Matter*, **2011**, 7, 10787	3.6	104
557	pH-responsive aqueous foams stabilized by ionizable latex particles. *Langmuir*, **2007**, 23, 8691-4	4	104
556	Preparation and Cross-Linking of All-Acrylamide Diblock Copolymer Nano-Objects via Polymerization-Induced Self-Assembly in Aqueous Solution. *Macromolecules*, **2017**, 50, 1482-1493	5.5	103
555	Long-range structural order, moir patterns, and iridescence in latex-stabilized foams. *Journal of the American Chemical Society*, **2006**, 128, 7882-6	16.4	103
554	From a Water-Immiscible Monomer to Block Copolymer Nano-Objects via a One-Pot RAFT Aqueous Dispersion Polymerization Formulation. *Macromolecules*, **2013**, 46, 769-777	5.5	102
553	Aqueous colloidal dispersions of polyaniline formed by using poly(vinylpyridine)-based steric stabilizers. *Langmuir*, **1990**, 6, 1745-1749	4	102
552	Effect of varying the oil phase on the behavior of pH-responsive latex-based emulsifiers: demulsification versus transitional phase inversion. *Langmuir*, **2004**, 20, 7422-9	4	101
551	Colloidal dispersions of surfactant-stabilized polypyrrole particles. *Langmuir*, **1993**, 9, 652-654	4	101
550	Phosphorylcholine-polycation diblock copolymers as synthetic vectors for gene delivery. *Journal of Controlled Release*, **2004**, 100, 293-312	11.7	100

549	Synthesis of Well-Defined Y-Shaped Zwitterionic Block Copolymers via Atom-Transfer Radical Polymerization. *Macromolecules*, **2005**, 38, 271-279	5.5	99
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547	Synthesis of low polydispersity, controlled-structure sugar methacrylate polymers under mild conditions without protecting group chemistry. *Chemical Communications*, **2002**, 2776-7	5.8	98
546	The Remarkable "Flip-Flop" Self-Assembly of a Diblock Copolymer in Aqueous Solution. *Macromolecules*, **2001**, 34, 1503-1511	5.5	97
545	Rational synthesis of low-polydispersity block copolymer vesicles in concentrated solution via polymerization-induced self-assembly. *Journal of the American Chemical Society*, **2014**, 136, 11100-6	16.4	96
544	Liquid marbles prepared from pH-responsive sterically stabilized latex particles. *Langmuir*, **2011**, 27, 8067-74	4	96
543	Synthesis of Highly Branched Methacrylic Copolymers: Observation of Near-Ideal Behavior using RAFT Polymerization. *Macromolecules*, **2009**, 42, 5919-5924	5.5	96
542	Use of Block Copolymer Stabilizers for the Dispersion Polymerization of Styrene in Alcoholic Media. *Macromolecules*, **1996**, 29, 3096-3102	5.5	96
541	LRP-1-mediated intracellular antibody delivery to the Central Nervous System. *Scientific Reports*, **2015**, 5, 11990	4.9	95
540	Facile synthesis of highly biocompatible poly(2-(methacryloyloxy)ethyl phosphorylcholine)-coated gold nanoparticles in aqueous solution. *Langmuir*, **2006**, 22, 11022-7	4	95
539	Synthesis of vinyl polymer-silica colloidal nanocomposites prepared using commercial alcoholic silica sols. *Langmuir*, **2004**, 20, 2184-90	4	95
538	small-angle X-ray scattering studies of sterically-stabilized diblock copolymer nanoparticles formed during polymerization-induced self-assembly in non-polar media. *Chemical Science*, **2016**, 7, 5078-5090	9.4	93
537	Synthesis of Branched Methacrylic Copolymers: Comparison between RAFT and ATRP and Effect of Varying the Monomer Concentration. *Macromolecules*, **2010**, 43, 2145-2156	5.5	93
536	Surface Characterization of Conducting Polymer-Silica Nanocomposites by X-ray Photoelectron Spectroscopy. *Langmuir*, **1995**, 11, 1899-1904	4	93
535	Covalently Cross-Linked Colloidosomes. *Macromolecules*, **2010**, 43, 10466-10474	5.5	92
534	Synthesis of biocompatible poly[2-(methacryloyloxy)ethyl phosphorylcholine]-coated magnetite nanoparticles. *Langmuir*, **2006**, 22, 10989-93	4	92
533	Are block copolymer worms more effective Pickering emulsifiers than block copolymer spheres?. *Soft Matter*, **2014**, 10, 8615-26	3.6	91
532	Combining Biomimetic Block Copolymer Worms with an Ice-Inhibiting Polymer for the Solvent-Free Cryopreservation of Red Blood Cells. *Angewandte Chemie - International Edition*, **2016**, 55, 2801-4	16.4	90

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530	Effect of pH and Temperature on PMPC-PDPA Copolymer Self-Assembly. *Macromolecules*, **2013**, 46, 1400-1407	5.5	89
529	Nano-Anemones: Stimulus-Responsive Copolymer-Micelle Surfaces. *Advanced Materials*, **2004**, 16, 1794-1798	14	89
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527	Preparation and characterization of colloidal dispersions of polypyrrole using poly(2-vinyl pyridine)-based steric stabilizers. *Polymer*, **1990**, 31, 569-574	3.9	89
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