

Mitchell A Winnik

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346
papers

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113
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356
ext. papers

17,529
ext. citations

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avg, IF

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L-index

#	Paper	IF	Citations
346	Cylindrical block copolymer micelles and co-micelles of controlled length and architecture. <i>Science</i> , 2007 , 317, 644-7	33.3	914
345	Monodisperse cylindrical micelles by crystallization-driven living self-assembly. <i>Nature Chemistry</i> , 2010 , 2, 566-70	17.6	468
344	Complex and hierarchical micelle architectures from diblock copolymers using living, crystallization-driven polymerizations. <i>Nature Materials</i> , 2009 , 8, 144-50	27	389
343	THE Py SCALE OF SOLVENT POLARITIES. SOLVENT EFFECTS ON THE VIBRONIC FINE STRUCTURE OF PYRENE FLUORESCENCE and EMPIRICAL CORRELATIONS WITH ET and Y VALUES. <i>Photochemistry and Photobiology</i> , 1982 , 35, 17-21	3.6	385
342	Micelle assembly. Multidimensional hierarchical self-assembly of amphiphilic cylindrical block comicelles. <i>Science</i> , 2015 , 347, 1329-32	33.3	383
341	Self-Assembly of Organometallic Block Copolymers: The Role of Crystallinity of the Core-Forming Polyferrocene Block in the Micellar Morphologies Formed by Poly(ferrocenylsilane-b-dimethylsiloxane) in n-Alkane Solvents. <i>Journal of the American Chemical Society</i> , 2000 , 122, 11577-11584	16.4	321
340	Non-centrosymmetric cylindrical micelles by unidirectional growth. <i>Science</i> , 2012 , 337, 559-62	33.3	315
339	Highly multiparametric analysis by mass cytometry. <i>Journal of Immunological Methods</i> , 2010 , 361, 1-20	2.5	275
338	Tailored hierarchical micelle architectures using living crystallization-driven self-assembly in two dimensions. <i>Nature Chemistry</i> , 2014 , 6, 893-8	17.6	273
337	Self-Assembly of a Novel Organometallic/Inorganic Block Copolymer in Solution and the Solid State: Nonintrusive Observation of Novel Wormlike Poly(ferrocenyldimethylsilane)-b-Poly(dimethylsiloxane) Micelles. <i>Journal of the American Chemical Society</i> , 1998 , 120, 9533-9540	16.4	271
336	Uniform patchy and hollow rectangular platelet micelles from crystallizable polymer blends. <i>Science</i> , 2016 , 352, 697-701	33.3	233
335	Polymer-based elemental tags for sensitive bioassays. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 6111-4	16.4	223
334	Cylindrical micelles of controlled length with a π -conjugated polythiophene core via crystallization-driven self-assembly. <i>Journal of the American Chemical Society</i> , 2011 , 133, 8842-5	16.4	216
333	Latex film formation. <i>Current Opinion in Colloid and Interface Science</i> , 1997 , 2, 192-199	7.6	208
332	Colour-tunable fluorescent multiblock micelles. <i>Nature Communications</i> , 2014 , 5, 3372	17.4	199
331	Structure-Tuned Lead Halide Perovskite Nanocrystals. <i>Advanced Materials</i> , 2016 , 28, 566-73	24	196
330	Two-stage dispersion polymerization toward monodisperse, controlled micrometer-sized copolymer particles. <i>Journal of the American Chemical Society</i> , 2004 , 126, 6562-3	16.4	184

329	Influence of the Interplay of Crystallization and Chain Stretching on Micellar Morphologies: Solution Self-Assembly of Coil-Crystalline Poly(isoprene-block-ferrocenylsilane). <i>Macromolecules</i> , 2002 , 35, 8258-8260	5.5	171
328	Uniform, high aspect ratio fiber-like micelles and block co-micelles with a crystalline π -conjugated polythiophene core by self-seeding. <i>Journal of the American Chemical Society</i> , 2014 , 136, 4121-4	16.4	159
327	Molecular aspects of latex film formation: an energy-transfer study. <i>Macromolecules</i> , 1990 , 23, 4082-4087	5.5	151
326	Cross-Linked, Monodisperse, Micron-Sized Polystyrene Particles by Two-Stage Dispersion Polymerization. <i>Macromolecules</i> , 2005 , 38, 8300-8307	5.5	145
325	Monodisperse Fiber-like Micelles of Controlled Length and Composition with an Oligo(p-phenylenevinylene) Core via "Living" Crystallization-Driven Self-Assembly. <i>Journal of the American Chemical Society</i> , 2017 , 139, 7136-7139	16.4	141
324	Molecular diffusion and latex film formation: An analysis of direct nonradiative energy transfer experiments. <i>Journal of Chemical Physics</i> , 1991 , 95, 2143-2153	3.9	138
323	Cylindrical block co-micelles with spatially selective functionalization by nanoparticles. <i>Journal of the American Chemical Society</i> , 2007 , 129, 12924-5	16.4	133
322	A Water-Soluble pH-Responsive Molecular Brush of Poly(N,N-dimethylaminoethyl methacrylate) Grafted Polythiophene. <i>Macromolecules</i> , 2008 , 41, 6993-7002	5.5	127
321	Two-dimensional assemblies from crystallizable homopolymers with charged termini. <i>Nature Materials</i> , 2017 , 16, 481-488	27	124
320	Self-seeding in one dimension: an approach to control the length of fiberlike polyisoprene-polyferrocenylsilane block copolymer micelles. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 1622-5	16.4	123
319	Nanofiber micelles from the self-assembly of block copolymers. <i>Trends in Biotechnology</i> , 2010 , 28, 84-92	15.1	120
318	Synthesis, Characterization, and Rheological Behavior of Polyethylene Glycols End-Capped with Fluorocarbon Hydrophobes. <i>Langmuir</i> , 1997 , 13, 2447-2456	4	117
317	Redox-mediated synthesis and encapsulation of inorganic nanoparticles in shell-cross-linked cylindrical polyferrocenylsilane block copolymer micelles. <i>Journal of the American Chemical Society</i> , 2008 , 130, 12921-30	16.4	114
316	Evolution of Self-Assembled Structures of Polymer-Terminated Gold Nanorods in Selective Solvents. <i>Advanced Materials</i> , 2008 , 20, 4318-4322	24	114
315	Redox-induced synthesis and encapsulation of metal nanoparticles in shell-cross-linked organometallic nanotubes. <i>Journal of the American Chemical Society</i> , 2005 , 127, 8924-5	16.4	113
314	Development of analytical methods for multiplex bio-assay with inductively coupled plasma mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2008 , 23, 463-469	3.7	103
313	Shell-cross-linked cylindrical Polyisoprene-b-polyferrocenylsilane (PI-b-PFS) block copolymer micelles: one-dimensional (1D) organometallic nanocylinders. <i>Journal of the American Chemical Society</i> , 2007 , 129, 5630-9	16.4	99
312	Synthesis and Characterization of Pyrene-Labeled Poly(ethylenimine). <i>Macromolecules</i> , 1998 , 31, 6855-6864	5.4	99

311	Pointed-oval-shaped micelles from crystalline-coil block copolymers by crystallization-driven living self-assembly. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 8220-3	16.4	98
310	Fluorescent "barcode" multiblock co-micelles via the living self-assembly of di- and triblock copolymers with a crystalline core-forming metalloblock. <i>Journal of the American Chemical Society</i> , 2011 , 133, 9095-103	16.4	96
309	Uniform electroactive fibre-like micelle nanowires for organic electronics. <i>Nature Communications</i> , 2017 , 8, 15909	17.4	94
308	Fabrication of Continuous and Segmented Polymer/Metal Oxide Nanowires Using Cylindrical Micelles and Block Comicelles as Templates. <i>Advanced Materials</i> , 2009 , 21, 1805-1808	24	94
307	Copolymerization propagation kinetics of styrene with alkyl acrylates. <i>Polymer International</i> , 1991 , 24, 65-70	3.3	94
306	Synthesis of a functional metal-chelating polymer and steps toward quantitative mass cytometry bioassays. <i>Analytical Chemistry</i> , 2010 , 82, 8961-9	7.8	92
305	Water-Soluble CdSe Quantum Dots Passivated by a Multidentate Diblock Copolymer. <i>Macromolecules</i> , 2007 , 40, 6377-6384	5.5	90
304	Effect of Water on Polymer Diffusion in Latex Films. <i>Macromolecules</i> , 1997 , 30, 4324-4331	5.5	86
303	Crystallization-Driven Self-Assembly of Block Copolymers with a Short Crystallizable Core-Forming Segment: Controlling Micelle Morphology through the Influence of Molar Mass and Solvent Selectivity. <i>Macromolecules</i> , 2014 , 47, 2361-2372	5.5	85
302	Self-seeding in one dimension: a route to uniform fiber-like nanostructures from block copolymers with a crystallizable core-forming block. <i>ACS Nano</i> , 2013 , 7, 3754-66	16.7	85
301	Branched micelles by living crystallization-driven block copolymer self-assembly under kinetic control. <i>Journal of the American Chemical Society</i> , 2015 , 137, 2375-85	16.4	85
300	Fiber-like Micelles via the Crystallization-Driven Solution Self-Assembly of Poly(3-hexylthiophene)-block-Poly(methyl methacrylate) Copolymers. <i>Macromolecules</i> , 2012 , 45, 5806-5815	5.5	85
299	A Micellar Sphere-to-Cylinder Transition of Poly(ferrocenyldimethylsilane-b-2-vinylpyridine) in a Selective Solvent Driven by Crystallization. <i>Macromolecules</i> , 2008 , 41, 4380-4389	5.5	85
298	Synthesis and Self-Assembly of Poly(ferrocenyldimethylsilane-b-2-vinylpyridine) Diblock Copolymers. <i>Macromolecules</i> , 2007 , 40, 3784-3789	5.5	85
297	Monodisperse Cylindrical Micelles of Controlled Length with a Liquid-Crystalline Perfluorinated Core by 1D "Self-Seeding". <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 11392-6	16.4	84
296	Lanthanide-containing polymer microspheres by multiple-stage dispersion polymerization for highly multiplexed bioassays. <i>Journal of the American Chemical Society</i> , 2009 , 131, 15276-83	16.4	83
295	Dimensional control of block copolymer nanofibers with a E-conjugated core: crystallization-driven solution self-assembly of amphiphilic poly(3-hexylthiophene)-b-poly(2-vinylpyridine). <i>Chemistry - A European Journal</i> , 2013 , 19, 9186-97	4.8	82
294	Multi-armed micelles and block co-micelles via crystallization-driven self-assembly with homopolymer nanocrystals as initiators. <i>Journal of the American Chemical Society</i> , 2013 , 135, 12180-3	16.4	82

293	Probing the structure of the crystalline core of field-aligned, monodisperse, cylindrical polyisoprene-block-polyferrocenylsilane micelles in solution using synchrotron small- and wide-angle X-ray scattering. <i>Journal of the American Chemical Society</i> , 2011 , 133, 17056-62	16.4	82
292	Gradient crystallization-driven self-assembly: cylindrical micelles with "patchy" segmented coronas via the coassembly of linear and brush block copolymers. <i>Journal of the American Chemical Society</i> , 2014 , 136, 13835-44	16.4	81
291	Fluorescent Probe Studies of the Association in an Aqueous Solution of a Hydrophobically Modified Poly(ethylene oxide). <i>Macromolecules</i> , 1998 , 31, 8998-9007	5.5	81
290	Non-covalent synthesis of supermicelles with complex architectures using spatially confined hydrogen-bonding interactions. <i>Nature Communications</i> , 2015 , 6, 8127	17.4	80
289	Shell cross-linked cylinders of polyisoprene-b-ferrocenyldimethylsilane: formation of magnetic ceramic replicas and microfluidic channel alignment and patterning. <i>Journal of the American Chemical Society</i> , 2003 , 125, 12686-7	16.4	75
288	Functional latex and thermoset latex films 2004 , 1, 163-190		74
287	Monodisperse Cylindrical Micelles and Block Comicelles of Controlled Length in Aqueous Media. <i>Journal of the American Chemical Society</i> , 2016 , 138, 4484-93	16.4	72
286	Fragmentation of fiberlike structures: sonication studies of cylindrical block copolymer micelles and behavioral comparisons to biological fibrils. <i>Journal of the American Chemical Society</i> , 2008 , 130, 14763-71	16.4	72
285	Lanthanide-containing polymer nanoparticles for biological tagging applications: nonspecific endocytosis and cell adhesion. <i>Journal of the American Chemical Society</i> , 2007 , 129, 13653-60	16.4	71
284	Polymer/Silica Composite Films as Luminescent Oxygen Sensors. <i>Macromolecules</i> , 2001 , 34, 1917-1927	5.5	71
283	Flowable networks as DNA sequencing media in capillary columns. <i>Electrophoresis</i> , 1996 , 17, 1451-9	3.6	70
282	Reversible cross-linking of polyisoprene coronas in micelles, block comicelles, and hierarchical micelle architectures using Pt(0)-olefin coordination. <i>Journal of the American Chemical Society</i> , 2011 , 133, 16947-57	16.4	69
281	Tunable supermicelle architectures from the hierarchical self-assembly of amphiphilic cylindrical B-A-B triblock co-micelles. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 11882-5	16.4	67
280	Determination of propagation rate constants for the copolymerization of methymethacrylate and styrene using a pulsed laser technique. <i>Journal of Polymer Science, Part C: Polymer Letters</i> , 1989 , 27, 181-185		67
279	Intratumorally Injected ¹⁷⁷ Lu-Labeled Gold Nanoparticles: Gold Nanoseed Brachytherapy with Application for Neoadjuvant Treatment of Locally Advanced Breast Cancer. <i>Journal of Nuclear Medicine</i> , 2016 , 57, 936-42	8.9	66
278	Effect of surface acid group neutralization on interdiffusion rates in latex films. <i>Macromolecules</i> , 1994 , 27, 1007-1012	5.5	66
277	Influence of Chain Length and Salt Concentration on Block Copolymer Micellization. <i>Macromolecules</i> , 1997 , 30, 4911-4919	5.5	64
276	Monodisperse Micrometer-Size Carboxyl-Functionalized Polystyrene Particles Obtained by Two-Stage Dispersion Polymerization. <i>Macromolecules</i> , 2006 , 39, 5729-5737	5.5	64

275	Light Scattering Study of Rigid, Rodlike Organometallic Block Copolymer Micelles in Dilute Solution. <i>Macromolecules</i> , 2005 , 38, 7819-7827	5.5	62
274	Complex and Hierarchical 2D Assemblies via Crystallization-Driven Self-Assembly of Poly(L-lactide) Homopolymers with Charged Termini. <i>Journal of the American Chemical Society</i> , 2017 , 139, 9221-9228	16.4	60
273	A design strategy for the hierarchical fabrication of colloidal hybrid mesostructures. <i>Nature Communications</i> , 2014 , 5, 3882	17.4	60
272	Swellable, redox-active shell-crosslinked organometallic nanotubes. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 3703-7	16.4	60
271	Synthesis and Aqueous Self-Assembly of a Polyferrocenylsilane-block-poly(aminoalkyl methacrylate) Diblock Copolymer. <i>Macromolecular Rapid Communications</i> , 2002 , 23, 210-213	4.8	60
270	Crystallization-driven solution self-assembly of block copolymers with a photocleavable junction. <i>Journal of the American Chemical Society</i> , 2015 , 137, 2203-6	16.4	59
269	Probing the Scope of Crystallization-Driven Living Self-Assembly: Studies of Diblock Copolymer Micelles with a Polyisoprene Corona and a Crystalline Poly(ferrocenyldiethylsilane) Core-Forming Metalloblock. <i>Macromolecules</i> , 2011 , 44, 3777-3786	5.5	58
268	Radiation Nanomedicine for EGFR-Positive Breast Cancer: Panitumumab-Modified Gold Nanoparticles Complexed to the α Particle-Emitter, (177)Lu. <i>Molecular Pharmaceutics</i> , 2015 , 12, 3963-72	5.6	57
267	Self-Assembled Organometallic Block Copolymer Nanotubes. <i>Angewandte Chemie - International Edition</i> , 2000 , 39, 3862-3865	16.4	56
266	Study of polymer diffusion across the interface in latex films through direct energy transfer experiments. <i>Journal of Chemical Physics</i> , 1994 , 101, 9096-9103	3.9	56
265	Uniform "Patchy" Platelets by Seeded Heteroepitaxial Growth of Crystallizable Polymer Blends in Two Dimensions. <i>Journal of the American Chemical Society</i> , 2017 , 139, 4409-4417	16.4	55
264	Effect of Cross-Linking on Polymer Diffusion in Poly(butyl methacrylate-co-butyl acrylate) Latex Films. <i>Macromolecules</i> , 1999 , 32, 6102-6110	5.5	55
263	Fluorescent polymer particles by emulsion and miniemulsion polymerization. <i>Journal of Polymer Science Part A</i> , 2003 , 41, 766-778	2.5	54
262	Solution Self-Assembly of Blends of Crystalline-Coil Polyferrocenylsilane-block-polyisoprene with Crystallizable Polyferrocenylsilane Homopolymer. <i>Macromolecules</i> , 2015 , 48, 707-716	5.5	53
261	Interaction of Pyrene-Labeled Poly(ethylene imine) with Sodium Dodecyl Sulfate in Aqueous Solution. <i>Macromolecules</i> , 1999 , 32, 624-632	5.5	53
260	Self-Seeding of Block Copolymers with a π Conjugated Oligo(p-phenylenevinylene) Segment: A Versatile Route toward Monodisperse Fiber-like Nanostructures. <i>Macromolecules</i> , 2018 , 51, 2065-2075	5.5	52
259	Branched cylindrical micelles via crystallization-driven self-assembly. <i>Journal of the American Chemical Society</i> , 2013 , 135, 17739-42	16.4	50
258	Influence of Solvent Polarity on the Self-Assembly of the Crystalline-Coil Diblock Copolymer Polyferrocenylsilane-b-polyisoprene. <i>Macromolecules</i> , 2011 , 44, 6136-6144	5.5	50

257	Loading quantum dots into thermo-responsive microgels by reversible transfer from organic solvents to water. <i>Journal of Materials Chemistry</i> , 2008 , 18, 763		50
256	End-to-end coupling and network formation behavior of cylindrical block copolymer micelles with a crystalline polyferrocenylsilane core. <i>Journal of the American Chemical Society</i> , 2011 , 133, 11220-30	16.4	49
255	Organometallic Polypeptide Block Copolymers: Synthesis and Properties of Poly(ferrocenyldimethylsilane)-b-poly-(benzyl-L-glutamate). <i>Macromolecules</i> , 2005 , 38, 4958-4961	5.5	49
254	"Cross" Supermicelles via the Hierarchical Assembly of Amphiphilic Cylindrical Triblock Comicelles. <i>Journal of the American Chemical Society</i> , 2016 , 138, 4087-95	16.4	48
253	INTRAMOLECULAR EXCIMER FLUORESCENCE: A NEW PROBE OF PHASE TRANSITIONS IN SYNTHETIC PHOSPHOLIPID MEMBRANES. <i>Photochemistry and Photobiology</i> , 1980 , 31, 539-545	3.6	48
252	Formation of Lenticular Platelet Micelles via the Interplay of Crystallization and Chain Stretching: Solution Self-Assembly of Poly(ferrocenyldimethylsilane)-block-poly(2-vinylpyridine) with a Crystallizable Core-Forming Metalloblock. <i>Macromolecules</i> , 2012 , 45, 3883-3891	5.5	47
251	Phosphorescent oxygen sensors utilizing sulfur/nitrogen/phosphorus polymer matrices. <i>Advanced Materials</i> , 1996 , 8, 768-771	24	46
250	Polypyrrole nanoparticles as a thermal transducer of NIR radiation in hot-melt adhesives. <i>Journal of Materials Chemistry</i> , 2007 , 17, 4309		45
249	Surfactant exudation in the presence of a coalescing aid in latex films studied by atomic force microscopy1. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1995 , 33, 1123-1133	2.6	45
248	Competitive Self-Assembly Kinetics as a Route To Control the Morphology of Core-Crystalline Cylindrical Micelles. <i>Journal of the American Chemical Society</i> , 2018 , 140, 2619-2628	16.4	44
247	Hierarchical Assembly of Cylindrical Block Comicelles Mediated by Spatially Confined Hydrogen-Bonding Interactions. <i>Journal of the American Chemical Society</i> , 2016 , 138, 12902-12912	16.4	44
246	Probing the Growth Kinetics for the Formation of Uniform 1D Block Copolymer Nanoparticles by Living Crystallization-Driven Self-Assembly. <i>ACS Nano</i> , 2018 , 12, 8920-8933	16.7	44
245	Local Radiation Treatment of HER2-Positive Breast Cancer Using Trastuzumab-Modified Gold Nanoparticles Labeled with Lu. <i>Pharmaceutical Research</i> , 2017 , 34, 579-590	4.5	43
244	Characterization of pyrene end-labeled poly(ethylene glycol) by high resolution MALDI time-of-flight mass spectrometry. <i>Macromolecular Rapid Communications</i> , 1996 , 17, 59-64	4.8	42
243	Formation and crosslinking of latex films through the reaction of acetoacetoxy groups with diamines under ambient conditions. <i>Journal of Coatings Technology</i> , 1998 , 70, 57-68		41
242	The Interaction of Sodium Dodecylsulfate with (Hydroxypropyl)Cellulose. <i>Polymer Journal</i> , 1990 , 22, 482-488	2.7	41
241	Metal-chelating polymers by anionic ring-opening polymerization and their use in quantitative mass cytometry. <i>Biomacromolecules</i> , 2012 , 13, 2359-69	6.9	40
240	Improving lanthanide nanocrystal colloidal stability in competitive aqueous buffer solutions using multivalent PEG-phosphonate ligands. <i>Langmuir</i> , 2012 , 28, 12861-70	4	39

- 239 Film Formation and Polymer Diffusion in Poly(vinyl acetate-co-butyl acrylate) Latex Films. Temperature Dependence. *Macromolecules*, **2003**, 36, 5804-5814 5.5 39
- 238 A microphase model for sterically stabilized polymer colloids: Fluorescence energy transfer from naphthalene-labeled dispersions. *Journal of Polymer Science, Polymer Letters Edition*, **1983**, 21, 1011-1018 38
- 237 Modular Synthesis of Polyferrocenylsilane Block Copolymers by Cu-Catalyzed Alkyne/Azide Click Reactions. *Macromolecules*, **2013**, 46, 1296-1304 5.5 37
- 236 Metal-Containing Polystyrene Beads as Standards for Mass Cytometry. *Journal of Analytical Atomic Spectrometry*, **2010**, 25, 260-268 3.7 37
- 235 Curious results with palladium- and platinum-carrying polymers in mass cytometry bioassays and an unexpected application as a dead cell stain. *Biomacromolecules*, **2011**, 12, 3997-4010 6.9 37
- 234 Polymer Diffusion in PBMA Latex Films Using a Polymerizable Benzophenone Derivative as an Energy Transfer Acceptor. *Macromolecules*, **2003**, 36, 8749-8760 5.5 37
- 233 Synthesis and Solution Self-Assembly of Coil-Crystalline-Coil Polyferrocenylphosphine-b-polyferrocenylsilane-b-polysiloxane Triblock Copolymers. *Macromolecules*, **2002**, 35, 9146-9150 5.5 37
- 232 Interdiffusion vs Cross-Linking Rates in Isobutoxyacrylamide-Containing Latex Coatings. *Macromolecules*, **2001**, 34, 7306-7314 5.5 36
- 231 Microfibrils and macroscopic films from the coordination-driven hierarchical self-assembly of cylindrical micelles. *Nature Communications*, **2016**, 7, 12371 17.4 35
- 230 Pulsed field gradient NMR studies of polymer adsorption on colloidal CdSe quantum dots. *Journal of Physical Chemistry B*, **2008**, 112, 1626-33 3.4 35
- 229 Effect of Hard Polymer Filler Particles on Polymer Diffusion in a Low-Tg Latex Film. *Macromolecules*, **1998**, 31, 5290-5299 5.5 35
- 228 Synthesis and self-assembly of dendritic-helical block copolypeptides. *Soft Matter*, **2006**, 2, 957-965 3.6 34
- 227 Solution characterization of the novel organometallic polymer poly(ferrocenyldimethylsilane). *Journal of Polymer Science, Part B: Polymer Physics*, **2000**, 38, 3032-3041 2.6 34
- 226 Quantification of Surface Ligands on NaYF₄ Nanoparticles by Three Independent Analytical Techniques. *Chemistry of Materials*, **2015**, 27, 4899-4910 9.6 33
- 225 Templated fabrication of fiber-basket polymersomes via crystallization-driven block copolymer self-assembly. *Journal of the American Chemical Society*, **2014**, 136, 16676-82 16.4 33
- 224 Emulsion copolymerization of vinyl acetate and butyl acrylate in the presence of fluorescent dyes. *Journal of Polymer Science Part A*, **2002**, 40, 1594-1607 2.5 33
- 223 Influence of a coalescing aid on polymer diffusion in poly(butyl methacrylate) latex films. *Die Makromolekulare Chemie Rapid Communications*, **1993**, 14, 345-349 33
- 222 Cross-Linking, Miscibility, and Interface Structure in Blends of Poly(2-ethylhexyl methacrylate) Copolymers. An Energy Transfer Study. *Macromolecules*, **2000**, 33, 5850-5862 5.5 32

221	Solvent penetration and photoresist dissolution: A fluorescence quenching and interferometry study. <i>Journal of Applied Polymer Science</i> , 1988 , 35, 2099-2116	2.9	32
220	Synthesis of PMMA Microparticles with a Narrow Size Distribution by Photoinitiated RAFT Dispersion Polymerization with a Macromonomer as the Stabilizer. <i>Macromolecules</i> , 2014 , 47, 6856-6866	5.5	31
219	Transformation and patterning of supermicelles using dynamic holographic assembly. <i>Nature Communications</i> , 2015 , 6, 10009	17.4	31
218	Crystallization-Driven Solution Self-Assembly of ABC Miktoarm Star Terpolymers with Core-Forming Polyferrocenylsilane Blocks. <i>Macromolecules</i> , 2014 , 47, 8420-8428	5.5	31
217	Effect of Gel Content on Polymer Diffusion in Poly(vinyl acetate-co-dibutyl maleate) Latex Films. <i>Macromolecules</i> , 2004 , 37, 4247-4253	5.5	31
216	Phosphorescent oxygen sensors utilizing sulfur-nitrogen-phosphorous polymer matrixes: synthesis, characterization, and evaluation of poly(thionylphosphazene)-b-poly(tetrahydrofuran) block copolymers. <i>Analytical Chemistry</i> , 2000 , 72, 1894-904	7.8	31
215	Dye distribution in fluorescent-labeled latex prepared by emulsion polymerization. <i>Journal of Polymer Science Part A</i> , 1994 , 32, 1497-1505	2.5	31
214	Continuous and Segmented Semiconducting Fiber-like Nanostructures with Spatially Selective Functionalization by Living Crystallization-Driven Self-Assembly. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 8232-8239	16.4	31
213	Synergistic self-seeding in one-dimension: a route to patchy and block comicelles with uniform and controllable length. <i>Chemical Science</i> , 2019 , 10, 2280-2284	9.4	30
212	Panitumumab Modified with Metal-Chelating Polymers (MCP) Complexed to In and Lu-An EGFR-Targeted Theranostic for Pancreatic Cancer. <i>Molecular Pharmaceutics</i> , 2018 , 15, 1150-1159	5.6	30
211	Synthesis of Uniform NaLnF ₄ (Ln: Sm to Ho) Nanoparticles for Mass Cytometry. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 6269-6280	3.8	30
210	Synthesis of polyglutamide-based metal-chelating polymers and their site-specific conjugation to trastuzumab for auger electron radioimmunotherapy. <i>Biomacromolecules</i> , 2014 , 15, 2027-37	6.9	30
209	Fiberlike micelles formed by living epitaxial growth from blends of polyferrocenylsilane block copolymers. <i>Macromolecular Rapid Communications</i> , 2010 , 31, 934-8	4.8	30
208	Effect of Polymer Composition on Polymer Diffusion in Poly(butyl acrylate-co-methyl methacrylate) Latex Films. <i>Macromolecules</i> , 2007 , 40, 6422-6431	5.5	30
207	Oxygen Diffusion and Permeability in Alkylaminothionylphosphazene Films Intended for Phosphorescence Barometry Applications. <i>Macromolecules</i> , 2000 , 33, 5693-5701	5.5	30
206	Synthesis and crystallization-driven solution self-assembly of polyferrocenylsilane diblock copolymers with polymethacrylate corona-forming blocks. <i>Polymer Chemistry</i> , 2014 , 5, 1923-1929	4.9	29
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