

Axel MÃ¼ller

List of Publications by Year in descending order

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484
papers

33,751
citations

3334

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6131

159
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500
all docs

500
docs citations

500
times ranked

20990
citing authors

#	ARTICLE	IF	CITATIONS
1	Janus Particles: Synthesis, Self-Assembly, Physical Properties, and Applications. <i>Chemical Reviews</i> , 2013, 113, 5194-5261.	47.7	1,512
2	Janus particles. <i>Soft Matter</i> , 2008, 4, 663.	2.7	798
3	Thermosensitive water-soluble copolymers with doubly responsive reversibly interacting entities. <i>Progress in Polymer Science</i> , 2007, 32, 1275-1343.	24.7	692
4	Organic fertilizer as a vehicle for the entry of microplastic into the environment. <i>Science Advances</i> , 2018, 4, eaap8060.	10.3	617
5	Guided hierarchical co-assembly of soft patchy nanoparticles. <i>Nature</i> , 2013, 503, 247-251.	27.8	573
6	Cylindrical polymer brushes. <i>Journal of Polymer Science Part A</i> , 2005, 43, 3461-3481.	2.3	565
7	A New Double-Responsive Block Copolymer Synthesized via RAFT Polymerization: A Poly(N-isopropylacrylamide)-block-poly(acrylic acid). <i>Macromolecules</i> , 2004, 37, 7861-7866.	4.8	524
8	Precise hierarchical self-assembly of multicompartment micelles. <i>Nature Communications</i> , 2012, 3, 710.	12.8	504
9	Amphiphilic Cylindrical Core-Shell Brushes via a Grafting From Process Using ATRP. <i>Macromolecules</i> , 2001, 34, 6883-6888.	4.8	439
10	Janus Micelles. <i>Macromolecules</i> , 2001, 34, 1069-1075.	4.8	391
11	Color Tunability and Electrochemiluminescence of Silver Nanoclusters. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 2122-2125.	13.8	369
12	Architecture, self-assembly and properties of well-defined hybrid polymers based on polyhedral oligomeric silsesquioxane (POSS). <i>Progress in Polymer Science</i> , 2013, 38, 1121-1162.	24.7	352
13	Amphiphilic Janus Micelles with Polystyrene and Poly(methacrylic acid) Hemispheres. <i>Journal of the American Chemical Society</i> , 2003, 125, 3260-3267.	13.7	348
14	Tuning the Thermoresponsive Properties of Weak Polyelectrolytes: Aqueous Solutions of Star-Shaped and Linear Poly(<i>N,N</i> -dimethylaminoethyl Methacrylate). <i>Macromolecules</i> , 2007, 40, 8361-8366.	4.8	341
15	Benzyl and Cumyl Dithiocarbamates as Chain Transfer Agents in the RAFT Polymerization of <i>N</i> -Isopropylacrylamide. In Situ FT-NIR and MALDI-TOF MS Investigation. <i>Macromolecules</i> , 2002, 35, 6819-6827.	4.8	339
16	Molecular Parameters of Hyperbranched Polymers Made by Self-Condensing Vinyl Polymerization. 2. Degree of Branching. <i>Macromolecules</i> , 1997, 30, 7024-7033.	4.8	302
17	Janus Discs. <i>Journal of the American Chemical Society</i> , 2007, 129, 6187-6198.	13.7	296
18	Engineering Nanostructured Polymer Blends with Controlled Nanoparticle Location using Janus Particles. <i>ACS Nano</i> , 2008, 2, 1167-1178.	14.6	284

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19	Emulsion Polymerization Using Janus Particles as Stabilizers. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 711-714.	13.8	280
20	Self-assembly concepts for multicompartment nanostructures. <i>Nanoscale</i> , 2015, 7, 11841-11876.	5.6	279
21	Amphiphilic cylindrical brushes with poly(acrylic acid) core and poly(n-butyl acrylate) shell and narrow length distribution. <i>Polymer</i> , 2003, 44, 1449-1458.	3.8	258
22	New polymeric architectures with (meth)acrylic acid segments. <i>Progress in Polymer Science</i> , 2003, 28, 1403-1439.	24.7	258
23	Main Chain Conformation and Anomalous Elution Behavior of Cylindrical Brushes As Revealed by GPC/MALLS, Light Scattering, and SFM. <i>Macromolecules</i> , 1999, 32, 2629-2637.	4.8	254
24	Tuning the Thermoresponsiveness of Weak Polyelectrolytes by pH and Light: Lower and Upper Critical-Solution Temperature of Poly(<i>N,N</i> -dimethylaminoethyl methacrylate). <i>Journal of the American Chemical Society</i> , 2007, 129, 14538-14539.	13.7	247
25	Facile, Solution-Based Synthesis of Soft, Nanoscale Janus Particles with Tunable Janus Balance. <i>Journal of the American Chemical Society</i> , 2012, 134, 13850-13860.	13.7	247
26	Molecular Parameters of Hyperbranched Polymers Made by Self-Condensing Vinyl Polymerization. 1. Molecular Weight Distribution. <i>Macromolecules</i> , 1997, 30, 7015-7023.	4.8	235
27	Template-Controlled Synthesis of Wire-Like Cadmium Sulfide Nanoparticle Assemblies within Core-Shell Cylindrical Polymer Brushes. <i>Chemistry of Materials</i> , 2004, 16, 537-543.	6.7	235
28	Anionic vinyl polymerization 50 years after Michael Szwarc. <i>Progress in Polymer Science</i> , 2007, 32, 173-219.	24.7	221
29	Micellar interpolyelectrolyte complexes. <i>Chemical Society Reviews</i> , 2012, 41, 6888.	38.1	221
30	Salt Effects on the Thermoprecipitation of Poly-(<i>N</i> -isopropylacrylamide) Oligomers from Aqueous Solution. <i>Langmuir</i> , 2002, 18, 3434-3440.	3.5	220
31	Water-soluble organo-silica hybrid nanowires. <i>Nature Materials</i> , 2008, 7, 718-722.	27.5	217
32	Copolymerization of <i>n</i> -Butyl Acrylate with Methyl Methacrylate and PMMA Macromonomers: A Comparison of Reactivity Ratios in Conventional and Atom Transfer Radical Copolymerization. <i>Macromolecules</i> , 1999, 32, 8331-8335.	4.8	213
33	Kinetic Analysis of "Living" Polymerization Processes Exhibiting Slow Equilibria. 1. Degenerative Transfer (Direct Activity Exchange between Active and "Dormant" Species). Application to Group Transfer Polymerization. <i>Macromolecules</i> , 1995, 28, 4326-4333.	4.8	205
34	Effect of Core-Forming Molecules on Molecular Weight Distribution and Degree of Branching in the Synthesis of Hyperbranched Polymers. <i>Macromolecules</i> , 1998, 31, 239-248.	4.8	195
35	Janus Cylinders. <i>Macromolecules</i> , 2003, 36, 7894-7898.	4.8	194
36	One-dimensional magnetic inorganic-organic hybrid nanomaterials. <i>Chemical Society Reviews</i> , 2011, 40, 640.	38.1	194

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37	Surface Modification of Poly(divinylbenzene) Microspheres via Thiol-Ene Chemistry and Alkyne-Azide Click Reactions. <i>Macromolecules</i> , 2009, 42, 3707-3714.	4.8	192
38	Preparation of Hyperbranched Polyacrylates by Atom Transfer Radical Polymerization. 2. Kinetics and Mechanism of Chain Growth for the Self-Condensing Vinyl Polymerization of 2-((2-Bromopropionyl)oxy)ethyl Acrylate. <i>Macromolecules</i> , 1997, 30, 7034-7041.	4.8	189
39	Synthesis of Poly(n-butyl acrylate)-block-poly(acrylic acid) Diblock Copolymers by ATRP and Their Micellization in Water. <i>Macromolecules</i> , 2007, 40, 4338-4350.	4.8	187
40	Synthesis, Characterization and Behavior in Aqueous Solution of Star-Shaped Poly(acrylic acid). <i>Macromolecular Chemistry and Physics</i> , 2005, 206, 1813-1825.	2.2	183
41	Polyelectrolyte Block Copolymer Micelles. <i>Advances in Polymer Science</i> , 0, , 173-210.	0.8	180
42	Hybrid Nanoparticles with Hyperbranched Polymer Shells via Self-Condensing Atom Transfer Radical Polymerization from Silica Surfaces. <i>Langmuir</i> , 2002, 18, 3682-3693.	3.5	173
43	Synthesis via RAFT Polymerization of Tadpole-Shaped Organic/Inorganic Hybrid Poly(acrylic acid) Containing Polyhedral Oligomeric Silsesquioxane (POSS) and Their Self-assembly in Water. <i>Macromolecules</i> , 2009, 42, 2563-2569.	4.8	168
44	Self-Assembly of Janus Cylinders into Hierarchical Superstructures. <i>Journal of the American Chemical Society</i> , 2009, 131, 4720-4728.	13.7	165
45	Thermo- and pH-Responsive Micelles of Poly(acrylic acid)-block-Poly(N,N-diethylacrylamide). <i>Macromolecular Rapid Communications</i> , 2005, 26, 558-563.	3.9	164
46	Influence of Polymer Architecture and Molecular Weight of Poly(2-(dimethylamino)ethyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td (Biomacromolecules, 2011, 12, 4247-4255.	5.4	164
47	Ultralight, Soft Polymer Sponges by Self-Assembly of Short Electrospun Fibers in Colloidal Dispersions. <i>Advanced Functional Materials</i> , 2015, 25, 2850-2856.	14.9	164
48	Self-Supporting, Double Stimuli-Responsive Porous Membranes From Polystyrene-block-poly(N,N-dimethylaminoethyl methacrylate) Diblock Copolymers. <i>Advanced Functional Materials</i> , 2009, 19, 1040-1045.	14.9	162
49	Self-Assembly of block copolymers into internally ordered microparticles. <i>Progress in Polymer Science</i> , 2020, 102, 101211.	24.7	161
50	Self-Assembly of Poly(ionic liquid)s: Polymerization, Mesostructure Formation, and Directional Alignment in One Step. <i>Journal of the American Chemical Society</i> , 2011, 133, 17556-17559.	13.7	157
51	Loading of polymer nanocarriers: Factors, mechanisms and applications. <i>Progress in Polymer Science</i> , 2014, 39, 43-86.	24.7	152
52	pH and salt responsive poly(N,N-dimethylaminoethyl methacrylate) cylindrical brushes and their quaternized derivatives. <i>Polymer</i> , 2008, 49, 3957-3964.	3.8	148
53	Influence of Janus Particle Shape on Their Interfacial Behavior at Liquid-Liquid Interfaces. <i>Langmuir</i> , 2013, 29, 1388-1394.	3.5	147
54	Superparamagnetic Hybrid Nanocylinders. <i>Advanced Functional Materials</i> , 2004, 14, 871-882.	14.9	144

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55	Large Scale Domain Alignment of a Block Copolymer from Solution Using Electric Fields. <i>Macromolecules</i> , 2002, 35, 1319-1325.	4.8	142
56	Rational design of ABC triblock terpolymer solution nanostructures with controlled patch morphology. <i>Nature Communications</i> , 2016, 7, 12097.	12.8	140
57	Linear and Hyperbranched Glycopolymer-Functionalized Carbon Nanotubes: Synthesis, Kinetics, and Characterization. <i>Macromolecules</i> , 2007, 40, 1803-1815.	4.8	139
58	Investigation of the LCST of polyacrylamides as a function of molecular parameters and the solvent composition. , 1999, 37, 2977-2989.		138
59	Synthesis and Characterization of Branched Polyelectrolytes. 1. Preparation of Hyperbranched Poly(acrylic acid) via Self-Condensing Atom Transfer Radical Copolymerization. <i>Macromolecules</i> , 2002, 35, 9270-9281.	4.8	138
60	Narrow Molecular Weight Distribution Precursors for Polymer-Drug Conjugates. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 594-597.	13.8	134
61	Hyperbranched methacrylates by self-condensing group transfer polymerization. <i>Macromolecular Rapid Communications</i> , 1997, 18, 865-873.	3.9	131
62	Controlling the Aggregation of Conjugates of Streptavidin with Smart Block Copolymers Prepared via the RAFT Copolymerization Technique. <i>Biomacromolecules</i> , 2006, 7, 2736-2741.	5.4	131
63	Water-Soluble Organosilica Hybrid Nanotubes Templated by Cylindrical Polymer Brushes. <i>Journal of the American Chemical Society</i> , 2010, 132, 16587-16592.	13.7	131
64	Cylindrical polymer brushes – Anisotropic building blocks, unimolecular templates and particulate nanocarriers. <i>Polymer</i> , 2016, 98, 389-401.	3.8	130
65	Microscopic Mechanisms of Electric-Field-Induced Alignment of Block Copolymer Microdomains. <i>Physical Review Letters</i> , 2002, 89, 135502.	7.8	129
66	The Impact of Janus Nanoparticles on the Compatibilization of Immiscible Polymer Blends under Technologically Relevant Conditions. <i>ACS Nano</i> , 2014, 8, 10048-10056.	14.6	125
67	Surface-Grafted Hyperbranched Polymers via Self-Condensing Atom Transfer Radical Polymerization from Silicon Surfaces. <i>Macromolecules</i> , 2001, 34, 6871-6882.	4.8	123
68	Synthesis and Characterization of Star-Shaped Poly(<i>N,N</i> -dimethylaminoethyl methacrylate) and Its Quaternized Ammonium Salts. <i>Macromolecules</i> , 2007, 40, 5689-5697.	4.8	123
69	One-dimensional organic-inorganic hybrid nanomaterials. <i>Polymer</i> , 2010, 51, 4015-4036.	3.8	121
70	Characterization of Micelles of Polyisobutylene-block-poly(methacrylic acid) in Aqueous Medium. <i>Macromolecules</i> , 2000, 33, 1734-1740.	4.8	120
71	Synthesis of Hyperbranched Glycopolymers via Self-Condensing Atom Transfer Radical Copolymerization of a Sugar-Carrying Acrylate. <i>Macromolecules</i> , 2005, 38, 9-18.	4.8	119
72	Structure of Micelles of Poly(<i>n</i> -butyl acrylate)-block-poly(acrylic acid) Diblock Copolymers in Aqueous Solution. <i>Macromolecules</i> , 2007, 40, 4351-4362.	4.8	119

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73	A "Click Chemistry" Approach to Linear and Star-Shaped Telechelic POSS-Containing Hybrid Polymers. <i>Macromolecules</i> , 2010, 43, 3148-3152.	4.8	119
74	Undulated Multicompartment Cylinders by the Controlled and Directed Stacking of Polymer Micelles with a Compartmentalized Corona. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 2877-2880.	13.8	118
75	Janus Cylinders at Liquid-Liquid Interfaces. <i>Langmuir</i> , 2011, 27, 9807-9814.	3.5	117
76	Access to cyclic polystyrenes via a combination of reversible addition fragmentation chain transfer (RAFT) polymerization and click chemistry. <i>Polymer</i> , 2008, 49, 2274-2281.	3.8	114
77	Dual-Responsive Magnetic Core-Shell Nanoparticles for Nonviral Gene Delivery and Cell Separation. <i>Biomacromolecules</i> , 2012, 13, 857-866.	5.4	114
78	General Kinetic Analysis and Comparison of Molecular Weight Distributions for Various Mechanisms of Activity Exchange in Living Polymerizations. <i>Macromolecules</i> , 1997, 30, 1253-1266.	4.8	113
79	Characterization of Highly Branched Poly(methyl methacrylate) by Solution Viscosity and Viscoelastic Spectroscopy. <i>Macromolecules</i> , 2001, 34, 1677-1684.	4.8	109
80	Electric Field Induced Alignment of Concentrated Block Copolymer Solutions. <i>Macromolecules</i> , 2003, 36, 8078-8087.	4.8	108
81	Synthesis and Characterization of Methacrylate-Type Hyperbranched Glycopolymers via Self-Condensing Atom Transfer Radical Copolymerization. <i>Macromolecules</i> , 2005, 38, 3108-3119.	4.8	107
82	Intelligent Colloidal Hybrids via Reversible pH-Induced Complexation of Polyelectrolyte and Silica Nanoparticles. <i>Journal of the American Chemical Society</i> , 2003, 125, 3712-3713.	13.7	106
83	Template-Directed Synthesis of Silica Nanowires and Nanotubes from Cylindrical Core-Shell Polymer Brushes. <i>Chemistry of Materials</i> , 2012, 24, 1802-1810.	6.7	105
84	Reversible Meso-Scale Smart Polymer-Protein Particles of Controlled Sizes. <i>Bioconjugate Chemistry</i> , 2004, 15, 747-753.	3.6	104
85	Characterization of Block Copolymers by Liquid Adsorption Chromatography at Critical Conditions. 1. Diblock Copolymers. <i>Macromolecules</i> , 2000, 33, 3687-3693.	4.8	103
86	New Strategy for the Synthesis of Halogen-Free Acrylate Macromonomers by Atom Transfer Radical Polymerization. <i>Macromolecules</i> , 2001, 34, 5394-5397.	4.8	100
87	RAFT Polymerization of N-Isopropylacrylamide and Acrylic Acid under γ -Irradiation in Aqueous Media. <i>Macromolecular Rapid Communications</i> , 2006, 27, 821-828.	3.9	99
88	Multicompartment Core Micelles of Triblock Terpolymers in Organic Media. <i>Macromolecules</i> , 2009, 42, 3540-3548.	4.8	99
89	Interpolyelectrolyte Complexes of Dynamic Multicompartment Micelles. <i>ACS Nano</i> , 2009, 3, 2095-2102.	14.6	99
90	Silsesquioxane-Based Nanoparticles Formed via Hydrolytic Condensation of Organotriethoxysilane Containing Hydroxy Groups. <i>Macromolecules</i> , 2004, 37, 5228-5238.	4.8	97

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91	Double Stimuli-Responsive Ultrafiltration Membranes from Polystyrene- <i>b</i> -poly(<i>N,N</i> -dimethylaminoethyl methacrylate) Diblock Copolymers. <i>ACS Applied Materials & Interfaces</i> , 2009, 1, 1492-1503.	8.0	95
92	Performance of three PDMAEMA-based polycation architectures as gene delivery agents in comparison to linear and branched PEI. <i>Reactive and Functional Polymers</i> , 2010, 70, 1-10.	4.1	95
93	Janus Micelles at the Air/Water Interface. <i>Langmuir</i> , 2001, 17, 6787-6793.	3.5	93
94	Multiple Morphologies, Phase Transitions, and Cross-Linking of Crew-Cut Aggregates of Polybutadiene- <i>b</i> -poly(2-vinylpyridine) Diblock Copolymers. <i>Macromolecules</i> , 2008, 41, 3254-3260.	4.8	93
95	Double stimuli-responsive behavior of linear and star-shaped poly(<i>N,N</i> -diethylaminoethyl) Tj ETQq1 1 0.784314 rgBTj Overlock 10 Tf 50	3.8	93
96	Nanoblossoms: Light-Induced Conformational Changes of Cationic Polyelectrolyte Stars in the Presence of Multivalent Counterions. <i>Nano Letters</i> , 2007, 7, 167-171.	9.1	92
97	Molecular Parameters of Hyperbranched Copolymers Obtained by Self-Condensing Vinyl Copolymerization. 1. Equal Rate Constants. <i>Macromolecules</i> , 1999, 32, 2410-2419.	4.8	91
98	Synthesis of Highly Branched Cationic Polyelectrolytes via Self-Condensing Atom Transfer Radical Copolymerization with 2-(Diethylamino)ethyl Methacrylate. <i>Macromolecules</i> , 2004, 37, 2054-2066.	4.8	91
99	DNA purification by triple-helix affinity precipitation. <i>Biotechnology and Bioengineering</i> , 2003, 81, 535-545.	3.3	90
100	New Routes to the Synthesis of Amylose- <i>b</i> -polystyrene Rod-Coil Block Copolymers. <i>Biomacromolecules</i> , 2002, 3, 368-373.	5.4	89
101	Phase behavior of linear polystyrene- <i>b</i> -poly(2-vinylpyridine)- <i>b</i> -poly(<i>tert</i> -butyl methacrylate) triblock terpolymers. <i>Polymer</i> , 2003, 44, 6815-6823.	3.8	89
102	Molecular Weight Distribution of Hyperbranched Polymers Generated by Self-Condensing Vinyl Polymerization in Presence of a Multifunctional Initiator. <i>Macromolecules</i> , 1999, 32, 245-250.	4.8	88
103	Micellar Aggregates of Amylose- <i>b</i> -polystyrene Rod-Coil Block Copolymers in Water and THF. <i>Macromolecules</i> , 2005, 38, 873-879.	4.8	88
104	The role of association/complexation equilibria in the anionic polymerization of (meth)acrylates. <i>Makromolekulare Chemie Macromolecular Symposia</i> , 1992, 60, 315-326.	0.6	87
105	Synthesis of Linear and Star-Shaped Block Copolymers of Isobutylene and Methacrylates by Combination of Living Cationic and Anionic Polymerizations. <i>Macromolecules</i> , 1998, 31, 578-585.	4.8	87
106	Novel Water-Soluble Micellar Interpolyelectrolyte Complexes. <i>Journal of Physical Chemistry B</i> , 2003, 107, 8093-8096.	2.6	87
107	pH-Controlled Exponential and Linear Growing Modes of Layer-by-Layer Assemblies of Star Polyelectrolytes. <i>Journal of the American Chemical Society</i> , 2011, 133, 9592-9606.	13.7	86
108	Kinetic Analysis of "Living" Polymerization Processes Exhibiting Slow Equilibria. 2. Molecular Weight Distribution for Degenerative Transfer (Direct Activity Exchange between Active and "Dormant") Tj ETQq0 0 0 rgBTj Overlock 10 Tf 50	4.0	82

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109	Mixed, Multicompartment, or Janus Micelles? A Systematic Study of Thermoresponsive Bis-Hydrophilic Block Terpolymers. <i>Langmuir</i> , 2010, 26, 12237-12246.	3.5	82
110	Counterion-Mediated Hierarchical Self-Assembly of an ABC Miktoarm Star Terpolymer. <i>ACS Nano</i> , 2013, 7, 4030-4041.	14.6	82
111	Synthesis of Hyperbranched and Highly Branched Methacrylates by Self-Condensing Group Transfer Copolymerization. <i>Macromolecules</i> , 2001, 34, 6206-6213.	4.8	81
112	Molecular Sugar Sticks: Cylindrical Glycopolymer Brushes. <i>Macromolecules</i> , 2005, 38, 7926-7934.	4.8	81
113	Using Janus Nanoparticles To Trap Polymer Blend Morphologies during Solvent-Evaporation-Induced Demixing. <i>Macromolecules</i> , 2015, 48, 4220-4227.	4.8	81
114	Micelles of polyisobutylene-block-poly(methacrylic acid) diblock copolymers and their water-soluble interpolyelectrolyte complexes formed with quaternized poly(4-vinylpyridine). <i>Polymer</i> , 2004, 45, 367-378.	3.8	80
115	Synthesis and Characterization of Photoresponsive N-Isopropylacrylamide Copolymers. <i>Langmuir</i> , 2003, 19, 6261-6270.	3.5	79
116	PDMAEMA-Grafted Core-Shell Corona Particles for Nonviral Gene Delivery and Magnetic Cell Separation. <i>Biomacromolecules</i> , 2013, 14, 3081-3090.	5.4	79
117	A comparison of thermoreactive water-soluble poly-N,N-diethylacrylamide prepared by anionic and by group transfer polymerization. <i>Journal of Polymer Science Part A</i> , 1994, 32, 3019-3030.	2.3	78
118	Synthesis and Characterization of Surface-Grafted Hyperbranched Glycomethacrylates. <i>Macromolecules</i> , 2006, 39, 2743-2750.	4.8	78
119	Self-Assembled Structures of Amphiphilic Ionic Block Copolymers: Theory, Self-Consistent Field Modeling and Experiment. <i>Advances in Polymer Science</i> , 2011, , 57-129.	0.8	78
120	Multicompartment Micelles with Adjustable Poly(ethylene glycol) Shell for Efficient <i>in Vivo</i> Photodynamic Therapy. <i>ACS Nano</i> , 2014, 8, 1161-1172.	14.6	78
121	Micellar transitions in the aqueous solutions of a surfactant-like ionic liquid: 1-butyl-3-methylimidazolium octylsulfate. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 11728.	2.8	77
122	Magnetic and Fluorescent Glycopolymer Hybrid Nanoparticles for Intranuclear Optical Imaging. <i>Biomacromolecules</i> , 2011, 12, 3805-3811.	5.4	77
123	Novel Hyperbranched Ferrocene-Containing Poly(boro)carbosilanes Synthesized via a Convenient $A_2 + B_3$ Approach. <i>Macromolecules</i> , 2011, 44, 1280-1291.	4.8	77
124	Dynamic Multicompartment-Core Micelles in Aqueous Media. <i>Langmuir</i> , 2009, 25, 10962-10969.	3.5	76
125	Cavitation Engineered 3D Sponge Networks and Their Application in Active Surface Construction. <i>Advanced Materials</i> , 2012, 24, 985-989.	21.0	76
126	Dual stimuli-responsive multicompartment micelles from triblock terpolymers with tunable hydrophilicity. <i>Soft Matter</i> , 2011, 7, 8880.	2.7	75

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127	Synthesis and Characterization of Glycomethacrylate Hybrid Stars from Silsesquioxane Nanoparticles. <i>Macromolecules</i> , 2005, 38, 10631-10642.	4.8	74
128	Template-Directed Mild Synthesis of Anatase Hybrid Nanotubes within Cylindrical Core-Shell-Corona Polymer Brushes. <i>Macromolecules</i> , 2012, 45, 6981-6988.	4.8	74
129	LCST and UCST in One: Double Thermoresponsive Behavior of Block Copolymers of Poly(ethylene Terephthalate) and Poly(ethylene Glycol). <i>Macromolecules</i> , 2011, 44, 10743-10750.	3.5	74
130	Telechelic Hybrid Poly(acrylic acid)s Containing Polyhedral Oligomeric Silsesquioxane (POSS) and Their Self-Assembly in Water. <i>Macromolecules</i> , 2011, 44, 6891-6898.	4.8	73
131	Hybrid Capsules via Self-Assembly of Thermoresponsive and Interfacially Active Bionanoparticle-Polymer Conjugates. <i>Advanced Functional Materials</i> , 2011, 21, 2470-2476.	14.9	72
132	Nanoparticulate Nonviral Agent for the Effective Delivery of pDNA and siRNA to Differentiated Cells and Primary Human T Lymphocytes. <i>Biomacromolecules</i> , 2012, 13, 3463-3474.	5.4	70
133	Polyisobutylene- <i>block</i> -poly(methacrylic acid) Diblock Copolymers: Self-Assembly in Aqueous Media. <i>Langmuir</i> , 2007, 23, 12864-12874.	3.5	69
134	Hybrids of Magnetic Nanoparticles with Double-Hydrophilic Core/Shell Cylindrical Polymer Brushes and Their Alignment in a Magnetic Field. <i>Advanced Functional Materials</i> , 2010, 20, 4182-4189.	14.9	69
135	Molecular Parameters of Hyperbranched Copolymers Obtained by Self-Condensing Vinyl Copolymerization, 2-Non-Equal Rate Constants. <i>Macromolecules</i> , 2001, 34, 2418-2426.	4.8	68
136	Manipulating cylindrical polyelectrolyte brushes on the nanoscale by counterions: collapse transition to helical structures. <i>Soft Matter</i> , 2009, 5, 379-384.	2.7	68
137	Structures of amphiphilic Janus discs in aqueous media. <i>Soft Matter</i> , 2009, 5, 385-390.	2.7	68
138	Water-Soluble Interpolyelectrolyte Complexes of Polyisobutylene- <i>block</i> -Poly(methacrylic acid) Micelles: Formation and Properties. <i>Langmuir</i> , 2008, 24, 1769-1777.	3.5	67
139	Amphiphilic Diblock Copolymers with a Moderately Hydrophobic Block: Toward Dynamic Micelles. <i>Macromolecules</i> , 2010, 43, 2667-2671.	4.8	67
140	Grafting thermoresponsive polymers onto honeycomb structured porous films using the RAFT process. <i>Journal of Materials Chemistry</i> , 2008, 18, 4718.	6.7	65
141	Nondestructive Light-Initiated Tuning of Layer-by-Layer Microcapsule Permeability. <i>ACS Nano</i> , 2013, 7, 598-613.	14.6	65
142	Nanosopic Surface Patterns from Functional ABC Triblock Copolymers. <i>Macromolecules</i> , 2001, 34, 7477-7488.	4.8	64
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