

# Axel H E MÃ¼ller

## List of Publications by Year in descending order

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305  
papers

24,839  
citations

5896

81  
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9342

143  
g-index

311  
all docs

311  
docs citations

311  
times ranked

15625  
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	Guided hierarchical co-assembly of soft patchy nanoparticles. <i>Nature</i> , 2013, 503, 247-251.	27.8	573
4	Cylindrical polymer brushes. <i>Journal of Polymer Science Part A</i> , 2005, 43, 3461-3481.	2.3	565
5	A New Double-Responsive Block Copolymer Synthesized via RAFT Polymerization: $\hat{A}$ Poly(N-isopropylacrylamide)-block-poly(acrylic acid). <i>Macromolecules</i> , 2004, 37, 7861-7866.	4.8	524
6	Precise hierarchical self-assembly of multicompartment micelles. <i>Nature Communications</i> , 2012, 3, 710.	12.8	504
7	Amphiphilic Cylindrical Core-Shell Brushes via a "Grafting From" Process Using ATRP. <i>Macromolecules</i> , 2001, 34, 6883-6888.	4.8	439
8	Janus Micelles. <i>Macromolecules</i> , 2001, 34, 1069-1075.	4.8	391
9	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
10	Tuning the Thermoresponsive Properties of Weak Polyelectrolytes: Aqueous Solutions of Star-Shaped and Linear Poly(N,N-dimethylaminoethyl Methacrylate). <i>Macromolecules</i> , 2007, 40, 8361-8366.	4.8	341
11	Benzyl and Cumyl Dithiocarbamates as Chain Transfer Agents in the RAFT Polymerization of N-Isopropylacrylamide. In Situ FT-NIR and MALDI-TOF MS Investigation. <i>Macromolecules</i> , 2002, 35, 6819-6827.	4.8	339
12	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
13	Janus Discs. <i>Journal of the American Chemical Society</i> , 2007, 129, 6187-6198.	13.7	296
14	Engineering Nanostructured Polymer Blends with Controlled Nanoparticle Location using Janus Particles. <i>ACS Nano</i> , 2008, 2, 1167-1178.	14.6	284
15	Emulsion Polymerization Using Janus Particles as Stabilizers. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 711-714.	13.8	280
16	Self-assembly concepts for multicompartment nanostructures. <i>Nanoscale</i> , 2015, 7, 11841-11876.	5.6	279
17	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
18	Tuning the Thermoresponsiveness of Weak Polyelectrolytes by pH and Light: Lower and Upper Critical-Solution Temperature of Poly(N,N-dimethylaminoethyl methacrylate). <i>Journal of the American Chemical Society</i> , 2007, 129, 14538-14539.	13.7	247

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19	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
20	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
21	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
22	Micellar interpolyelectrolyte complexes. <i>Chemical Society Reviews</i> , 2012, 41, 6888.	38.1	221
23	Water-soluble organo-silica hybrid nanowires. <i>Nature Materials</i> , 2008, 7, 718-722.	27.5	217
24	Copolymerization of n-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
25	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
26	Janus Cylinders. <i>Macromolecules</i> , 2003, 36, 7894-7898.	4.8	194
27	One-dimensional magnetic inorganic-organic hybrid nanomaterials. <i>Chemical Society Reviews</i> , 2011, 40, 640.	38.1	194
28	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
29	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
30	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
31	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
32	Polyelectrolyte Block Copolymer Micelles. <i>Advances in Polymer Science</i> , 0, , 173-210.	0.8	180
33	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
34	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
35	Self-Assembly of Janus Cylinders into Hierarchical Superstructures. <i>Journal of the American Chemical Society</i> , 2009, 131, 4720-4728.	13.7	165
36	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

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37	Influence of Polymer Architecture and Molecular Weight of Poly(2-(dimethylamino)ethyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 Biomacromolecules, 2011, 12, 4247-4255.	5.4	164
38	Self-Supporting, Double Stimuli-Responsive Porous Membranes From Polystyrene- <i>block</i> -poly( <i>N,N</i> -dimethylaminoethyl methacrylate) Diblock Copolymers. Advanced Functional Materials, 2009, 19, 1040-1045.	14.9	162
39	Self-Assembly of Poly(ionic liquid)s: Polymerization, Mesostructure Formation, and Directional Alignment in One Step. Journal of the American Chemical Society, 2011, 133, 17556-17559.	13.7	157
40	Influence of Janus Particle Shape on Their Interfacial Behavior at Liquid-Liquid Interfaces. Langmuir, 2013, 29, 1388-1394.	3.5	147
41	Large Scale Domain Alignment of a Block Copolymer from Solution Using Electric Fields. Macromolecules, 2002, 35, 1319-1325.	4.8	142
42	Rational design of ABC triblock terpolymer solution nanostructures with controlled patch morphology. Nature Communications, 2016, 7, 12097.	12.8	140
43	Linear and Hyperbranched Glycopolymer-Functionalized Carbon Nanotubes: Synthesis, Kinetics, and Characterization. Macromolecules, 2007, 40, 1803-1815.	4.8	139
44	Synthesis and Characterization of Branched Polyelectrolytes. 1. Preparation of Hyperbranched Poly(acrylic acid) via Self-Condensing Atom Transfer Radical Copolymerization. Macromolecules, 2002, 35, 9270-9281.	4.8	138
45	Hyperbranched methacrylates by self-condensing group transfer polymerization. Macromolecular Rapid Communications, 1997, 18, 865-873.	3.9	131
46	Controlling the Aggregation of Conjugates of Streptavidin with Smart Block Copolymers Prepared via the RAFT Copolymerization Technique. Biomacromolecules, 2006, 7, 2736-2741.	5.4	131
47	Water-Soluble Organosilica Hybrid Nanotubes Templated by Cylindrical Polymer Brushes. Journal of the American Chemical Society, 2010, 132, 16587-16592.	13.7	131
48	The Impact of Janus Nanoparticles on the Compatibilization of Immiscible Polymer Blends under Technologically Relevant Conditions. ACS Nano, 2014, 8, 10048-10056.	14.6	125
49	Surface-Grafted Hyperbranched Polymers via Self-Condensing Atom Transfer Radical Polymerization from Silicon Surfaces. Macromolecules, 2001, 34, 6871-6882.	4.8	123
50	Synthesis and Characterization of Star-Shaped Poly( <i>N,N</i> -dimethylaminoethyl methacrylate) and Its Quaternized Ammonium Salts. Macromolecules, 2007, 40, 5689-5697.	4.8	123
51	Characterization of Micelles of Polyisobutylene- <i>block</i> -poly(methacrylic acid) in Aqueous Medium. Macromolecules, 2000, 33, 1734-1740.	4.8	120
52	Synthesis of Hyperbranched Glycopolymers via Self-Condensing Atom Transfer Radical Copolymerization of a Sugar-Carrying Acrylate. Macromolecules, 2005, 38, 9-18.	4.8	119
53	Structure of Micelles of Poly( <i>n</i> -butyl acrylate)- <i>block</i> -poly(acrylic acid) Diblock Copolymers in Aqueous Solution. Macromolecules, 2007, 40, 4351-4362.	4.8	119
54	A Click Chemistry Approach to Linear and Star-Shaped Telechelic POSS-Containing Hybrid Polymers. Macromolecules, 2010, 43, 3148-3152.	4.8	119

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55	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
56	Janus Cylinders at Liquid-Liquid Interfaces. <i>Langmuir</i> , 2011, 27, 9807-9814.	3.5	117
57	Dual-Responsive Magnetic Core-Shell Nanoparticles for Nonviral Gene Delivery and Cell Separation. <i>Biomacromolecules</i> , 2012, 13, 857-866.	5.4	114
58	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
59	Characterization of Highly Branched Poly(methyl methacrylate) by Solution Viscosity and Viscoelastic Spectroscopy. <i>Macromolecules</i> , 2001, 34, 1677-1684.	4.8	109
60	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
61	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
62	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
63	Reversible Meso-Scale Smart Polymer-Protein Particles of Controlled Sizes. <i>Bioconjugate Chemistry</i> , 2004, 15, 747-753.	3.6	104
64	Characterization of Block Copolymers by Liquid Adsorption Chromatography at Critical Conditions. 1. Diblock Copolymers. <i>Macromolecules</i> , 2000, 33, 3687-3693.	4.8	103
65	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
66	RAFT Polymerization of N-Isopropylacrylamide and Acrylic Acid under $\gamma$ -Irradiation in Aqueous Media. <i>Macromolecular Rapid Communications</i> , 2006, 27, 821-828.	3.9	99
67	Multicompartment Core Micelles of Triblock Terpolymers in Organic Media. <i>Macromolecules</i> , 2009, 42, 3540-3548.	4.8	99
68	Interpolyelectrolyte Complexes of Dynamic Multicompartment Micelles. <i>ACS Nano</i> , 2009, 3, 2095-2102.	14.6	99
69	Silsesquioxane-Based Nanoparticles Formed via Hydrolytic Condensation of Organotriethoxysilane Containing Hydroxy Groups. <i>Macromolecules</i> , 2004, 37, 5228-5238.	4.8	97
70	Double Stimuli-Responsive Ultrafiltration Membranes from Polystyrene- <i>b</i> -poly( <i>N,N</i> -dimethylaminoethyl methacrylate) Diblock Copolymers. <i>ACS Applied Materials &amp; Interfaces</i> , 2009, 1, 1492-1503.	8.0	95
71	Janus Micelles at the Air/Water Interface. <i>Langmuir</i> , 2001, 17, 6787-6793.	3.5	93
72	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

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73	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
74	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
75	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
76	New Routes to the Synthesis of Amylose-block-polystyrene Rod-Coil Block Copolymers. <i>Biomacromolecules</i> , 2002, 3, 368-373.	5.4	89
77	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
78	Micellar Aggregates of Amylose-block-polystyrene Rod-Coil Block Copolymers in Water and THF. <i>Macromolecules</i> , 2005, 38, 873-879.	4.8	88
79	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
80	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
81	Novel Water-Soluble Micellar Interpolyelectrolyte Complexes. <i>Journal of Physical Chemistry B</i> , 2003, 107, 8093-8096.	2.6	87
82	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
83	Mixed, Multicompartiment, or Janus Micelles? A Systematic Study of Thermoresponsive Bis-Hydrophilic Block Terpolymers. <i>Langmuir</i> , 2010, 26, 12237-12246.	3.5	82
84	Counterion-Mediated Hierarchical Self-Assembly of an ABC Miktoarm Star Terpolymer. <i>ACS Nano</i> , 2013, 7, 4030-4041.	14.6	82
85	Synthesis of Hyperbranched and Highly Branched Methacrylates by Self-Condensing Group Transfer Copolymerization. <i>Macromolecules</i> , 2001, 34, 6206-6213.	4.8	81
86	Molecular Sugar Sticks: Cylindrical Glycopolymer Brushes. <i>Macromolecules</i> , 2005, 38, 7926-7934.	4.8	81
87	Using Janus Nanoparticles To Trap Polymer Blend Morphologies during Solvent-Evaporation-Induced Demixing. <i>Macromolecules</i> , 2015, 48, 4220-4227.	4.8	81
88	PDMAEMA-Grafted Core-Shell Corona Particles for Nonviral Gene Delivery and Magnetic Cell Separation. <i>Biomacromolecules</i> , 2013, 14, 3081-3090.	5.4	79
89	Synthesis and Characterization of Surface-Grafted Hyperbranched Glycomethacrylates. <i>Macromolecules</i> , 2006, 39, 2743-2750.	4.8	78
90	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

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91	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
92	Magnetic and Fluorescent Glycopolymers Hybrid Nanoparticles for Intranuclear Optical Imaging. <i>Biomacromolecules</i> , 2011, 12, 3805-3811.	5.4	77
93	Dynamic Multicompartment-Core Micelles in Aqueous Media. <i>Langmuir</i> , 2009, 25, 10962-10969.	3.5	76
94	Cavitation Engineered 3D Sponge Networks and Their Application in Active Surface Construction. <i>Advanced Materials</i> , 2012, 24, 985-989.	21.0	76
95	Dual stimuli-responsive multicompartment micelles from triblock terpolymers with tunable hydrophilicity. <i>Soft Matter</i> , 2011, 7, 8880.	2.7	75
96	Synthesis and Characterization of Glycomethacrylate Hybrid Stars from Silsesquioxane Nanoparticles. <i>Macromolecules</i> , 2005, 38, 10631-10642.	4.8	74
97	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
98	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
99	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
100	Polyisobutylene- <i>block</i> -poly(methacrylic acid) Diblock Copolymers: Self-Assembly in Aqueous Media. <i>Langmuir</i> , 2007, 23, 12864-12874.	3.5	69
101	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
102	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
103	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
104	Structures of amphiphilic Janus discs in aqueous media. <i>Soft Matter</i> , 2009, 5, 385-390.	2.7	68
105	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
106	Amphiphilic Diblock Copolymers with a Moderately Hydrophobic Block: Toward Dynamic Micelles. <i>Macromolecules</i> , 2010, 43, 2667-2671.	4.8	67
107	Grafting thermoresponsive polymers onto honeycomb structured porous films using the RAFT process. <i>Journal of Materials Chemistry</i> , 2008, 18, 4718.	6.7	65
108	Nondestructive Light-Initiated Tuning of Layer-by-Layer Microcapsule Permeability. <i>ACS Nano</i> , 2013, 7, 598-613.	14.6	65

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109	Nanosopic Surface Patterns from Functional ABC Triblock Copolymers. <i>Macromolecules</i> , 2001, 34, 7477-7488.	4.8	64
110	Stimuli-Responsive Organosilica Hybrid Nanowires Decorated with Metal Nanoparticles. <i>Chemistry of Materials</i> , 2010, 22, 2626-2634.	6.7	63
111	One-Step Block Copolymer Synthesis versus Sequential Monomer Addition: A Fundamental Study Reveals That One Methyl Group Makes a Difference. <i>Macromolecules</i> , 2018, 51, 3527-3537.	4.8	63
112	Synthesis of hyperbranched poly(tert-butyl acrylate) by self-condensing atom transfer radical polymerization of a macroinimer. <i>Macromolecular Rapid Communications</i> , 2000, 21, 846-852.	3.9	62
113	RAFT Polymers: Novel Precursors for Polymer-Protein Conjugates. <i>ACS Symposium Series</i> , 2003, , 603-618.	0.5	62
114	Synthesis and Characterization of Comb-Shaped Polymers by SEC with On-Line Light Scattering and Viscometry Detection. <i>Macromolecules</i> , 2005, 38, 3949-3960.	4.8	62
115	Blends of Poly(methacrylate) Block Copolymers with Photoaddressable Segments. <i>Macromolecules</i> , 2007, 40, 2100-2108.	4.8	62
116	Title is missing!. <i>Die Makromolekulare Chemie Rapid Communications</i> , 1982, 3, 121-125.	1.1	61
117	Fluorescence Correlation Spectroscopy of Single Dye-Labeled Polymers in Organic Solvents. <i>Macromolecules</i> , 2004, 37, 1917-1920.	4.8	60
118	Switching the Morphologies of Cylindrical Polycation Brushes by Ionic and Supramolecular Inclusion Complexes. <i>Journal of the American Chemical Society</i> , 2009, 131, 1640-1641.	13.7	60
119	Biomimetic Mussel Adhesive Inspired Clickable Anchors Applied to the Functionalization of Fe <sub>3</sub> O <sub>4</sub> Nanoparticles. <i>Macromolecular Rapid Communications</i> , 2010, 31, 1608-1615.	3.9	60
120	Isoprene/Styrene Tapered Multiblock Copolymers with up to Ten Blocks: Synthesis, Phase Behavior, Order, and Mechanical Properties. <i>Macromolecules</i> , 2018, 51, 10246-10258.	4.8	60
121	Self-Assembly of Asymmetric Poly(ethylene oxide)- <i>block</i> -Poly( <i>n</i> -butyl acrylate) Diblock Copolymers in Aqueous Media to Unexpected Morphologies. <i>Journal of Physical Chemistry B</i> , 2009, 113, 4218-4225.	2.6	59
122	Synthesis of Amphiphilic Graft Copolymers of <i>n</i> -Butyl Acrylate and Acrylic Acid by Atom Transfer Radical Copolymerization of Macromonomers. <i>Macromolecules</i> , 2004, 37, 7484-7490.	4.8	58
123	Synthesis of polysaccharide- <i>b</i> -PEG block copolymers by oxime click. <i>Chemical Communications</i> , 2012, 48, 3781.	4.1	58
124	Polyisobutylene Stars and Polyisobutylene- <i>block</i> -Poly(tert-Butyl Methacrylate) Block Copolymers by Site Transformation of Thiophene End-Capped Polyisobutylene Chain Ends. <i>Macromolecules</i> , 2003, 36, 6985-6994.	4.8	57
125	Janus Micelles as Effective Supracolloidal Dispersants for Carbon Nanotubes. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 3602-3606.	13.8	57
126	Anionic Polymerization of Ethylene Oxide in the Presence of the Phosphazene Base ButP4 – Kinetic Investigations Using In-Situ FT-NIR Spectroscopy and MALDI-ToF MS. <i>Macromolecular Chemistry and Physics</i> , 2003, 204, 1056-1071.	2.2	56



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127	Core-crosslinked block copolymer nanorods as templates for grafting [SiMo <sub>12</sub> O <sub>40</sub> ] <sup>4-</sup> Keggin ions. <i>Chemical Communications</i> , 2008, , 489-491.	4.1	56
128	Hidden Structural Features of Multicompartment Micelles Revealed by Cryogenic Transmission Electron Tomography. <i>ACS Nano</i> , 2014, 8, 11330-11340.	14.6	56
129	Interfacial Assembly and Jamming Behavior of Polymeric Janus Particles at Liquid Interfaces. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 33327-33332.	8.0	56
130	Equilibria in the anionic polymerization of methyl methacrylate, 1. Chain-length dependence of the rate and equilibrium constants. <i>Die Makromolekulare Chemie</i> , 1986, 187, 1473-1482.	1.1	55
131	Kinetic Analysis of "Living" Polymerization Systems Exhibiting Slow Equilibria. 4. "Dissociative" Mechanism of Group Transfer Polymerization and Generation of Free Ions in Cationic Polymerization. <i>Macromolecules</i> , 1996, 29, 2346-2353.	4.8	55
132	Hyperbranched (Meth)acrylates in Solution, Melt, and Grafted From Surfaces. <i>Topics in Current Chemistry</i> , 2003, 228, 1-37.	4.0	55
133	Formation of hydrophobic bridges between multicompartment micelles of miktoarm star terpolymers in water. <i>Chemical Communications</i> , 2009, , 1127.	4.1	55
134	Title is missing!. <i>Die Makromolekulare Chemie</i> , 1992, 193, 101-112.	1.1	54
135	Direct Synthesis of Inverse Hexagonally Ordered Diblock Copolymer/Polyoxometalate Nanocomposite Films. <i>Journal of the American Chemical Society</i> , 2012, 134, 12685-12692.	13.7	54
136	Title is missing!. <i>Die Makromolekulare Chemie Rapid Communications</i> , 1987, 8, 99-107.	1.1	53
137	Group transfer and anionic polymerization: A critical comparison. <i>Makromolekulare Chemie Macromolecular Symposia</i> , 1990, 32, 87-104.	0.6	53
138	Thermoresponsive Glycopolymers via Controlled Radical Polymerization. <i>Macromolecular Chemistry and Physics</i> , 2007, 208, 1035-1049.	2.2	53
139	Double-Grafted Cylindrical Brushes: Synthesis and Characterization of Poly(lauryl methacrylate) Brushes. <i>Macromolecular Chemistry and Physics</i> , 2007, 208, 1666-1675.	2.2	53
140	Template-Directed Synthesis of Hybrid Titania Nanowires within Core-Shell Bishydrophilic Cylindrical Polymer Brushes. <i>Chemistry of Materials</i> , 2009, 21, 4146-4154.	6.7	53
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