Martina H Stenzel

List of Publications by Year
in descending order

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390	23,816	5574 82	14208 128
papers	citations	h-index	g-index

406	406	406	16417
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Complex polymer architectures via RAFT polymerization: From fundamental process to extending the scope using click chemistry and nature's building blocks. Progress in Polymer Science, 2012, 37, 38-105.	24.7	424
2	RAFTing down under: Tales of missing radicals, fancy architectures, and mysterious holes. Journal of Polymer Science Part A, 2003, 41, 365-375.	2.3	416
3	Well-Defined Proteinâ^'Polymer Conjugates via in Situ RAFT Polymerization. Journal of the American Chemical Society, 2007, 129, 7145-7154.	13.7	392
4	Acid-degradable polymers for drug delivery: a decade of innovation. Chemical Communications, 2013, 49, 2082.	4.1	352
5	Synthesis of glycopolymers and their multivalent recognitions with lectins. Polymer Chemistry, 2010, 1, 1392.	3.9	338
6	Complex Macromolecular Architectures by Reversible Addition Fragmentation Chain Transfer Chemistry: Theory and Practice. Macromolecular Rapid Communications, 2007, 28, 539-559.	3.9	329
7	Xanthate Mediated Living Polymerization of Vinyl Acetate: A Systematic Variation in MADIX/RAFT Agent Structure. Macromolecular Chemistry and Physics, 2003, 204, 1160-1168.	2.2	312
8	Building nanostructures using RAFT polymerization. Journal of Polymer Science Part A, 2011, 49, 551-595.	2.3	294
9	Entry of nanoparticles into cells: the importance of nanoparticle properties. Polymer Chemistry, 2018, 9, 259-272.	3.9	294
10	Formation of honeycomb-structured, porous films via breath figures with different polymer architectures. Journal of Polymer Science Part A, 2006, 44, 2363-2375.	2.3	288
11	RAFT and click chemistry: A versatile approach to well-defined block copolymers. Chemical Communications, 2006, , 5051-5053.	4.1	280
12	Star polymer synthesis using trithiocarbonate functional ?-cyclodextrin cores (reversible) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 Td (a 4498-4512.	2.3	258
13	Honeycomb structured polymer films via breath figures. Polymer Chemistry, 2012, 3, 563-577.	3.9	233
14	Porous Polymer Films and Honeycomb Structures Made by the Self-Organization of Well-Defined Macromolecular Structures Created by Living Radical Polymerization Techniques. Angewandte Chemie - International Edition, 2001, 40, 3428-3432.	13.8	219
15	Ultrafast Click Conjugation of Macromolecular Building Blocks at Ambient Temperature. Angewandte Chemie - International Edition, 2009, 48, 2411-2414.	13.8	213
16	Inâ€...Situ Formation of Proteinâ€"Polymer Conjugates through Reversible Addition Fragmentation Chain Transfer Polymerization. Angewandte Chemie - International Edition, 2007, 46, 3099-3103.	13.8	207
17	Star-polymer synthesis via radical reversible addition-fragmentation chain-transfer polymerization. Journal of Polymer Science Part A, 2001, 39, 2777-2783.	2.3	205
18	Honeycomb structured porous films prepared from carbohydrate based polymers synthesized via the RAFT process. Journal of Materials Chemistry, 2003, 13, 2090.	6.7	200

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19	RAFT polymerization: an avenue to functional polymeric micelles for drug delivery. Chemical Communications, 2008, , 3486.	4.1	200
20	Shell-Cross-Linked Vesicles Synthesized from Block Copolymers of Poly(d,l-lactide) and Poly(N-isopropyl acrylamide) as Thermoresponsive Nanocontainers. Langmuir, 2004, 20, 10809-10817.	3.5	195
21	Honeycomb-Structured Porous Films from Polypyrrole-Containing Block Copolymers Prepared via RAFT Polymerization as a Scaffold for Cell Growth. Biomacromolecules, 2006, 7, 1072-1082.	5.4	193
22	Formation of Regular Honeycomb-Patterned Porous Film by Self-Organization. Australian Journal of Chemistry, 2002, 55, 239.	0.9	182
23	Verification of Controlled Grafting of Styrene from Cellulose via Radiation-Induced RAFT Polymerization. Macromolecules, 2007, 40, 7140-7147.	4.8	176
24	Synthesis of thiol-linked neoglycopolymers and thermo-responsive glycomicelles as potential drug carrier. Chemical Communications, 2009, , 1198.	4.1	172
25	Reversible Addition Fragmentation Chain Transfer (RAFT) and Hetero-Dielsâ˜'Alder Chemistry as a Convenient Conjugation Tool for Access to Complex Macromolecular Designs. Macromolecules, 2008, 41, 4120-4126.	4.8	168
26	Consistent Experimental and Theoretical Evidence for Long-Lived Intermediate Radicals in Living Free Radical Polymerization. Journal of the American Chemical Society, 2004, 126, 15915-15923.	13.7	166
27	Poly(vinyl ester) Star Polymers via Xanthate-Mediated Living Radical Polymerization:Â From Poly(vinyl) Tj ETQq1 1 0.784314 rgBT /Ov	4.8	162
28	Drug Carriers for the Delivery of Therapeutic Peptides. Biomacromolecules, 2014, 15, 1097-1114.	5.4	161
29	Multicellular Tumor Spheroids (MCTS) as a 3D In Vitro Evaluation Tool of Nanoparticles. Small, 2018, 14, e1702858.	10.0	158
30	All Wrapped up: Stabilization of Enzymes within Single Enzyme Nanoparticles. Journal of the American Chemical Society, 2019, 141, 2754-2769.	13.7	157
31	Degradable Disulfide Core-Cross-Linked Micelles as a Drug Delivery System Prepared from Vinyl Functionalized Nucleosides via the RAFT Process. Biomacromolecules, 2008, 9, 3321-3331.	5.4	156
32	Direct Synthesis of Well-Defined Heterotelechelic Polymers for Bioconjugations. Macromolecules, 2008, 41, 5641-5650.	4.8	156
33	Lectin Recognizable Biomaterials Synthesized via Nitroxide-Mediated Polymerization of a Methacryloyl Galactose Monomer. Macromolecules, 2009, 42, 9422-9434.	4.8	156
34	An atom-efficient conjugation approach to well-defined block copolymers using RAFT chemistry and hetero Dielsâ€"Alder cycloaddition. Chemical Communications, 2008, , 2052.	4.1	155
35	Bioconjugation Using Thiols: Old Chemistry Rediscovered to Connect Polymers with Natureâ€™s Building Blocks. ACS Macro Letters, 2013, 2, 14-18.	4.8	152
36	Synthesis of Various Glycopolymer Architectures via RAFT Polymerization:Â From Block Copolymers to Stars. Biomacromolecules, 2006, 7, 232-238.	5.4	150

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37	Temperature-Responsive Glycopolymer Brushes Synthesized via RAFT Polymerization Using the Z-group Approach. Macromolecular Rapid Communications, 2006, 27, 1121-1126.	3.9	142
38	Modification of Polysaccharides Through Controlled/Living Radical Polymerization Graftingâ€"Towards the Generation of High Performance Hybrids. Macromolecular Rapid Communications, 2010, 31, 1751-1772.	3.9	141
39	Well-Defined Glycopolymers from RAFT Polymerization:Â Poly(methyl 6-O-methacryloyl-Î±-d-glucoside) and Its Block Copolymer with 2-Hydroxyethyl Methacrylate. Macromolecules, 2004, 37, 7530-7537.	4.8	140
40	Acidâ€Ðegradable Coreâ€Crosslinked Micelles Prepared from Thermosensitive Glycopolymers Synthesized via RAFT Polymerization. Macromolecular Rapid Communications, 2008, 29, 123-129.	3.9	138
41	Polystyrene comb polymers built on cellulose or poly(styrene-co-2-hydroxyethylmethacrylate) backbones as substrates for the preparation of structured honeycomb films. European Polymer Journal, 2005, 41, 2264-2277.	5.4	135
42	Hyperbranched polymers as scaffolds for multifunctional reversible addition-fragmentation chain-transfer agents: A route to polystyrene-core -polyesters and polystyrene-block -poly(butyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 53		134
43	Controlled/Living ab Initio Emulsion Polymerization via a Glucose RAFTstab: Degradable Cross-Linked Glyco-Particles for Concanavalin A/FimH Conjugations to Cluster E. coli Bacteria. Macromolecules, 2010, 43, 5211-5221.	4.8	134
44	Synthesis of Star Polymers using RAFT Polymerization: What is Possible?. Australian Journal of Chemistry, 2006, 59, 719.	0.9	132
45	Nanoparticle-siRNA: A potential cancer therapy?. Critical Reviews in Oncology/Hematology, 2016, 98, 159-169.	4.4	130
46	Dual-drug delivery of curcumin and platinum drugs in polymeric micelles enhances the synergistic effects: a double act for the treatment of multidrug-resistant cancer. Biomaterials Science, 2015, 3, 163-174.	5.4	129
47	The effect of charged groups on protein interactions with poly(HEMA) hydrogels. Biomaterials, 2006, 27, 567-575.	11.4	125
48	Thiolâ€"yne and Thiolâ€"ene â€œClickâ€•Chemistry as a Tool for a Variety of Platinum Drug Delivery Carriers, from Statistical Copolymers to Crosslinked Micelles. Biomacromolecules, 2011, 12, 1738-1751.	5.4	123
49	Amphiphilic Block Copolymers Based on Poly(2-acryloyloxyethyl phosphorylcholine) Prepared via RAFT Polymerisation as Biocompatible Nanocontainers. Macromolecular Bioscience, 2004, 4, 445-453.	4.1	122
50	Poly(vinyl alcohol) star polymers prepared via MADIX/RAFT polymerisationElectronic Supplementary Information (ESI) available: synthesis and NMR data of MADIX agents, polymerisation and analysis technique. See http://www.rsc.org/suppdata/cc/b4/b404763j/. Chemical Communications, 2004, , 1546.	4.1	122
51	Well-Defined Diblock Glycopolymers from RAFT Polymerization in Homogeneous Aqueous Medium. Macromolecules, 2005, 38, 9075-9084.	4.8	122
52	Honeycomb structured porous films from amphiphilic block copolymers prepared via RAFT polymerization. Polymer, 2007, 48, 4950-4965.	3.8	121
53	Microgel stars viaReversible Addition Fragmentation Chain Transfer (RAFT) polymerisation â€" a facile route to macroporous membranes, honeycomb patterned thin films and inverse opal substrates. Journal of Materials Chemistry, 2003, 13, 2819-2824.	6.7	117
54	Combinatorial Lowâ€Volume Synthesis of Wellâ€Defined Polymers by Enzyme Degassing. Angewandte Chemie - International Edition, 2016, 55, 4500-4503.	13.8	117

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55	Probing mechanistic features of conventional, catalytic and living free radical polymerizations using soft ionization mass spectrometric techniques. Polymer, 2004, 45, 7791-7805.	3.8	116
56	Concepts, fabrication methods and applications of living crystallization-driven self-assembly of block copolymers. Progress in Polymer Science, 2020, 101, 101195.	24.7	116
57	Efficient synthesis of dendrimers via a thiolâ€“yne and esterification process and their potential application in the delivery of platinum anti-cancer drugs. Chemical Communications, 2009, , 6291.	4.1	115
58	Microwells with Patterned Proteins by a Selfâ€Assembly Process Using Honeycombâ€Structured Porous Films. Advanced Materials, 2008, 20, 3550-3556.	21.0	114
59	Access to cyclic polystyrenes via a combination of reversible addition fragmentation chain transfer (RAFT) polymerization and click chemistry. Polymer, 2008, 49, 2274-2281.	3.8	114
60	Ambient Temperature RAFT Polymerization of Acrylic Acid Initiated with Ultraviolet Radiation in Aqueous Solution. Macromolecules, 2007, 40, 2978-2980.	4.8	109
61	Graft block copolymers of propargyl methacrylate and vinyl acetate via a combination of RAFT/MADIX and click chemistry: Reaction analysis. Journal of Polymer Science Part A, 2008, 46, 155-173.	2.3	109
62	Dendrimers as scaffolds for multifunctional reversible addition-fragmentation chain transfer agents: Syntheses and polymerization. Journal of Polymer Science Part A, 2004, 42, 5877-5890.	2.3	105
63	Investigation of the influence of the architectures of poly(vinyl pyrrolidone) polymers made via the reversible additionâ€“fragmentation chain transfer/macromolecular design via the interchange of xanthates mechanism on the stabilization of suspension polymerizations. Journal of Polymer Science Part A, 2006, 44, 4372-4383.	2.3	105
64	Shell-Cross-Linked Micelles Containing Cationic Polymers Synthesized via the RAFT Process:â€‰ Toward a More Biocompatible Gene Delivery System. Biomacromolecules, 2007, 8, 2890-2901.	5.4	105
65	Direct Synthesis of Pyridyl Disulfide-Terminated Polymers by RAFT Polymerization. Macromolecular Rapid Communications, 2007, 28, 305-314.	3.9	104
66	Chemoenzymatic Synthesis of Narrow-Polydispersity Glycopolymers:Â Poly(6-O-vinyladipoyl-d-glucopyranose). Biomacromolecules, 2004, 5, 255-260.	5.4	101
67	Design Criteria for Star Polymer Formation Processes via Living Free Radical Polymerization. Macromolecules, 2006, 39, 6406-6419.	4.8	101
68	Folate Conjugation to Polymeric Micelles via Boronic Acid Ester to Deliver Platinum Drugs to Ovarian Cancer Cell Lines. Biomacromolecules, 2013, 14, 962-975.	5.4	101
69	Synthesis of core-shell poly(divinylbenzene) microspheres via reversible addition fragmentation chain transfer graft polymerization of styrene. Journal of Polymer Science Part A, 2004, 42, 5067-5076.	2.3	99
70	RAFT Polymerization ofN-Isopropylacrylamide and Acrylic Acid underÎ³-Irradiation in Aqueous Media. Macromolecular Rapid Communications, 2006, 27, 821-828.	3.9	99
71	Polymers with platinum drugs and other macromolecular metal complexes for cancer treatment. Progress in Polymer Science, 2014, 39, 1614-1643.	24.7	97
72	A Detailed On-Line FT/NIR and1H NMR Spectroscopic Investigation into Factors Causing Inhibition in Xanthate-Mediated Vinyl Acetate Polymerization. Macromolecular Chemistry and Physics, 2004, 205, 925-936.	2.2	96

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73	Access to Chain Length Dependent Termination Rate Coefficients of Methyl Acrylate via Reversible Additionâ^'Fragmentation Chain Transfer Polymerization. Macromolecules, 2005, 38, 2595-2605.	4.8	96
74	A new role of curcumin: as a multicolor photoinitiator for polymer fabrication under household UV to red LED bulbs. Polymer Chemistry, 2015, 6, 5053-5061.	3.9	95
75	Light-induced release of molecules from polymers. Progress in Polymer Science, 2017, 74, 1-33.	24.7	95
76	Chain Length Dependent Termination in Butyl Acrylate Free-Radical Polymerization Studied via Stationary and Pulsed Laser Initiated RAFT Polymerization. Macromolecules, 2005, 38, 9497-9508.	4.8	93
77	Efficient Surface Modification of Divinylbenzene Microspheres via a Combination of RAFT and Hetero Dielsâ€Alder Chemistry. Macromolecular Rapid Communications, 2008, 29, 1431-1437.	3.9	93
78	Polymersomes Prepared from Thermoresponsive Fluorescent Proteinâ€“Polymer Bioconjugates: Capture of and Report on Drug and Protein Payloads. Angewandte Chemie - International Edition, 2015, 54, 5317-5322.	13.8	93
79	Synthesis of poly(vinyl alcohol) combs via MADIX/RAFT polymerization. Polymer, 2006, 47, 1073-1080.	3.8	88
80	Enhanced transcellular penetration and drug delivery by crosslinked polymeric micelles into pancreatic multicellular tumor spheroids. Biomaterials Science, 2015, 3, 1085-1095.	5.4	88
81	Core-Cross-Linked Micelles Synthesized by Clicking Bifunctional Pt(IV) Anticancer Drugs to Isocyanates. Biomacromolecules, 2010, 11, 2290-2299.	5.4	86
82	Albumin nanoparticles increase the anticancer efficacy of albendazole in ovarian cancer xenograft model. Journal of Nanobiotechnology, 2015, 13, 25.	9.1	86
83	Nano- and Micro-Engineering of Ordered Porous Blue-Light-Emitting Films by Templating Well-Defined Organic Polymers Around Condensing Water Droplets. Angewandte Chemie - International Edition, 2003, 42, 3664-3668.	13.8	85
84	Accessing Chain Length Dependent Termination Rate Coefficients of Methyl Methacrylate (MMA) via the Reversible Addition Fragmentation Chain Transfer (RAFT) Process. Macromolecular Chemistry and Physics, 2005, 206, 2047-2053.	2.2	82
85	An in-depth analytical approach to the mechanism of the RAFT process in acrylate free radical polymerizations via coupled size exclusion chromatographyâ€“electrospray ionization mass spectrometry (SECâ€“ESI-MS). Polymer, 2005, 46, 8448-8457.	3.8	81
86	Polygalactose Containing Nanocages: The RAFT Process for the Synthesis of Hollow Sugar Balls. Biomacromolecules, 2009, 10, 342-352.	5.4	81
87	Synthesis of Poly(styrene) Star Polymers Grown from Sucrose, Glucose, and Cyclodextrin Cores via Living Radical Polymerization Mediated by a Half-Metallocene Iron Carbonyl Complex. Macromolecules, 2001, 34, 5433-5438.	4.8	80
88	RAFT Chemistry and Huisgen 1,3-Dipolar Cycloaddition: A Route to Block Copolymers of Vinyl Acetate and 6-O-Methacryloyl Mannose?. Australian Journal of Chemistry, 2007, 60, 405.	0.9	80
89	Surface modified cellulose nanomaterials: a source of non-spherical nanoparticles for drug delivery. Materials Horizons, 2020, 7, 1727-1758.	12.2	80
90	Probing the reaction kinetics of vinyl acetate free radical polymerization via living free radical polymerization (MADIX). Polymer, 2006, 47, 999-1010.	3.8	79

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91	Formation of non-spherical polymersomes driven by hydrophobic directional aromatic perylene interactions. Nature Communications, 2017, 8, 1240.	12.8	76
92	Effect of an added base on (4-cyanopentanoic acid)-4-dithiobenzoate mediated RAFT polymerization in water. Polymer, 2006, 47, 1011-1019.	3.8	74
93	Mapping Poly(butyl acrylate) Product Distributions by Mass Spectrometry in a Wide Temperature Range:Â Suppression of Midchain Radical Side Reactions. Macromolecules, 2007, 40, 8906-8912.	4.8	74
94	Effect of Cross-Linking on the Performance of Micelles As Drug Delivery Carriers: A Cell Uptake Study. Biomacromolecules, 2012, 13, 814-825.	5.4	74
95	Dihydroxyanthraquinone derivatives: natural dyes as blue-light-sensitive versatile photoinitiators of photopolymerization. Polymer Chemistry, 2016, 7, 7316-7324.	3.9	74
96	Thermoâ€responsive glycopolymer chains grafted onto honeycomb structured porous films via RAFT polymerization as a thermoâ€dependent switcher for lectin Concanavalin a conjugation. Journal of Polymer Science Part A, 2010, 48, 3440-3455.	2.3	73
97	Cellular Uptake and Movement in 2D and 3D Multicellular Breast Cancer Models of Fructose-Based Cylindrical Micelles That Is Dependent on the Rod Length. ACS Applied Materials & Interfaces, 2016, 8, 16622-16630.	8.0	72
98	Reversible addition fragmentation chain transfer copolymerization: influence of the RAFT process on the copolymer composition. Polymer, 2004, 45, 3997-4007.	3.8	71
99	pH-Triggered Release of Platinum Drugs Conjugated to Micelles via an Acid-Cleavable Linker. Macromolecules, 2012, 45, 6989-6999.	4.8	71
100	Synthesis of amphiphilic block copolymers based on poly(dimethylsiloxane) via fragmentation chain transfer (RAFT) polymerization. Polymer, 2004, 45, 4383-4389.	3.8	70
101	Living free radical polymerization (RAFT) of dodecyl acrylate: Chain length dependent termination, mid-chain radicals and monomer reaction order. Polymer, 2005, 46, 6797-6809.	3.8	70
102	Hairy Coreâ€“Shell Nanoparticles via RAFT: Where are the Opportunities and Where are the Problems and Challenges?. Macromolecular Rapid Communications, 2009, 30, 1603-1624.	3.9	70
103	Synthesis and Lectin Recognition of Glyco Star Polymers Prepared by â€œClickingâ€•Thiocarbohydrates onto a Reactive Scaffold. Macromolecules, 2010, 43, 8109-8114.	4.8	70
104	Block Copolymer Micelles with Pendant Bifunctional Chelator for Platinum Drugs: Effect of Spacer Length on the Viability of Tumor Cells. Biomacromolecules, 2012, 13, 1010-1023.	5.4	70
105	Glycopolymer Decoration of Gold Nanoparticles Using a LbL Approach. Macromolecules, 2010, 43, 3775-3784.	4.8	69
106	Influence of nanoparticle shapes on cellular uptake of paclitaxel loaded nanoparticles in 2D and 3D cancer models. Polymer Chemistry, 2017, 8, 3317-3326.	3.9	68
107	Using the reversible additionâ€“fragmentation chain transfer process to synthesize core-crosslinked micelles. Journal of Polymer Science Part A, 2006, 44, 2177-2194.	2.3	66
108	Fructose-coated nanoparticles: a promising drug nanocarrier for triple-negative breast cancer therapy. Chemical Communications, 2014, 50, 15928-15931.	4.1	66

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109	Two-Dimensional Self-Assembled Structures of Highly Ordered Bioactive Crystalline-Based Block Copolymers. Macromolecules, 2017, 50, 8544-8553.	4.8	66
110	Surface roughness influences the protein corona formation of glycosylated nanoparticles and alter their cellular uptake. Nanoscale, 2019, 11, 23259-23267.	5.6	66
111	Reversible addition fragmentation chain transfer polymerization of sterically hindered monomers: Toward well-defined rod/coil architectures. Journal of Polymer Science Part A, 2004, 42, 2432-2443.	2.3	65
112	Access to Threeâ€Arm Star Block Copolymers by a Consecutive Combination of the Copper(<scp>I</scp>)â€Catalyzed Azideâ€“Alkyne Cycloaddition and the RAFT Hetero Dielsâ€“Alder Concept. Macromolecular Rapid Communications, 2008, 29, 1090-1096.	3.9	65
113	Grafting thermoresponsive polymers onto honeycomb structured porous films using the RAFT process. Journal of Materials Chemistry, 2008, 18, 4718.	6.7	65
114	Neoglycopolymers Based on 4â€Vinylâ€1,2,3â€Triazole Monomers Prepared by Click Chemistry. Macromolecular Bioscience, 2010, 10, 119-126.	4.1	65
115	Polymeric Micelles with Pendant Dicarboxylato Chelating Ligands Prepared via a Michael Addition for cis-Platinum Drug Delivery. Macromolecules, 2011, 44, 7888-7900.	4.8	65
116	Origami with ABC Triblock Terpolymers Based on Glycopolymers: Creation of Virus-Like Morphologies. ACS Macro Letters, 2015, 4, 579-583.	4.8	65
117	Development and Applications of Transesterification Reactions Catalyzed by N-Heterocyclic Olefins. Organic Letters, 2016, 18, 2208-2211.	4.6	65
118	Complex Molecular Architecture Polymers via RAFT. Australian Journal of Chemistry, 2004, 57, 19.	0.9	64
119	Ultraâ€Fast RAFTâ€HDA Click Conjugation: An Efficient Route to High Molecular Weight Block Copolymers. Macromolecular Rapid Communications, 2009, 30, 1792-1798.	3.9	64
120	Bottomâ€Up Fabrication of Nanopatterned Polymers on DNA Origami by Inâ€…Situ Atomâ€Transfer Radical Polymerization. Angewandte Chemie - International Edition, 2016, 55, 5692-5697.	13.8	64
121	Lysozyme interaction with poly(HEMA)-based hydrogel. Biomaterials, 2006, 27, 1341-1345.	11.4	63
122	Core-Cross-Linking Accelerates Antitumor Activities of Paclitaxelâ€“Conjugate Micelles to Prostate Multicellular Tumor Spheroids: A Comparison of 2D and 3D Models. Biomacromolecules, 2015, 16, 1470-1479.	5.4	62
123	Synthetic Route Effect on Macromolecular Architecture: From Block to Gradient Copolymers Based on Acryloyl Galactose Monomer Using RAFT Polymerization. Macromolecules, 2011, 44, 5911-5919.	4.8	61
124	Nanoparticles for dendritic cell-based immunotherapy. International Journal of Pharmaceutics, 2018, 542, 253-265.	5.2	61
125	Non-spherical polymersomes: formation and characterization. Chemical Society Reviews, 2019, 48, 4019-4035.	38.1	61
126	Mapping Free Radical Reactivity:Â A High-Resolution Electrospray Ionizationâ€'Mass Spectrometry Study of Photoinitiation Processes in Methyl Methacrylate Free Radical Polymerization. Macromolecules, 2007, 40, 26-39.	4.8	60

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127	Mapping Photolysis Product Radical Reactivities via Soft Ionization Mass Spectrometry in Acrylate, Methacrylate, and Itaconate Systems. Macromolecules, 2007, 40, 6820-6833.	4.8	60
128	Development of Micellar Novel Drug Carrier Utilizing Temperature-Sensitive Block Copolymers Containing Cyclodextrin Moieties. Macromolecules, 2011, 44, 8433-8445.	4.8	60
129	Micelles based on gold-glycopolymer complexes as new chemotherapy drug delivery agents. Chemical Communications, 2012, 48, 4695.	4.1	60
130	Quantitatively Monitoring In Situ Mitochondrial Thermal Dynamics by Upconversion Nanoparticles. Nano Letters, 2021, 21, 1651-1658.	9.1	60
131	Biomimetic Honeycomb-Structured Surfaces Formed from Block Copolymers Incorporating Acryloyl Phosphorylcholine. Australian Journal of Chemistry, 2003, 56, 1035.	0.9	59
132	Macromolecular Cobalt Carbonyl Complexes Encapsulated in a Click-Cross-Linked Micelle Structure as a Nanoparticle To Deliver Cobalt Pharmaceuticals. Biomacromolecules, 2009, 10, 3215-3226.	5.4	59
133	Inverse Miniemulsion Periphery RAFT Polymerization: A Convenient Route to Hollow Polymeric Nanoparticles with an Aqueous Core. Macromolecules, 2013, 46, 2118-2127.	4.8	59
134	PEGylated Albumin-Based Polyion Complex Micelles for Protein Delivery. Biomacromolecules, 2016, 17, 808-817.	5.4	59
135	Zwitterionic Guanidine-Based Oligomers Mimicking Cell-Penetrating Peptides as a Nontoxic Alternative to Cationic Polymers to Enhance the Cellular Uptake of Micelles. Biomacromolecules, 2012, 13, 3418-3426.	5.4	58
136	The living dead â€“ common misconceptions about reversible deactivation radical polymerization. Materials Horizons, 2016, 3, 471-477.	12.2	58
137	Combinatorial Lowâ€Volume Synthesis of Wellâ€Defined Polymers by Enzyme Degassing. Angewandte Chemie, 2016, 128, 4576-4579.	2.0	58
138	Just add sugar forÂcarbohydrate induced self-assembly of curcumin. Nature Communications, 2019, 10, 582.	12.8	57
139	Facile Access to Chain Length Dependent Termination Rate Coefficients via Reversible Additionâ^'Fragmentation Chain Transfer (RAFT) Polymerization:Â Influence of the RAFT Agent Structure. Macromolecules, 2004, 37, 2404-2410.	4.8	56
140	A Synthetic Approach to a Novel Class of Fluorine-Bearing Reversible Addition - Fragmentation Chain Transfer (RAFT) Agents: F-RAFT. Australian Journal of Chemistry, 2005, 58, 437.	0.9	56
141	Thioketone spin traps as mediating agents for free radical polymerization processes. Chemical Communications, 2006, , 835.	4.1	56
142	Water-assisted formation of honeycomb structured porous films. Journal of Porous Materials, 2006, 13, 213-223.	2.6	56
143	Chain Length Dependent Termination Rate Coefficients of Methyl Methacrylate (MMA) in the Gel Regime:Â Accessingkti,iUsing Reversible Addition-Fragmentation Chain Transfer (RAFT) Polymerization. Macromolecules, 2007, 40, 2730-2736.	4.8	56
144	Coreâ€shell particles with glycopolymer shell and polynucleoside core via RAFT: From micelles to rods. Journal of Polymer Science Part A, 2009, 47, 1706-1723.	2.3	56

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145	Efficient access to multiâ€arm star block copolymers by a combination of ATRP and RAFTâ€HDA click chemistry. Journal of Polymer Science Part A, 2009, 47, 2207-2213.	2.3	56
146	Recent advances in ultra-small fluorescent Au nanoclusters toward oncological research. Nanoscale, 2019, 11, 17967-17980.	5.6	55
147	A Study into the Stability of 3,6-Dihydro-2H-thiopyran Rings: Key Linkages in the RAFT Hetero-Dielsâ˜Alder Click Concept. Macromolecules, 2008, 41, 7904-7912.	4.8	53
148	Synthesis of thermo-responsive glycopolymers via copper catalysed azideâ€“alkyne â€˜clickâ€™ chemistry for inhibition of ricin: the effect of spacer between polymer backbone and galactose. Polymer Chemistry, 2011, 2, 1879.	3.9	53
149	Hostâ€“guest driven supramolecular assembly of reversible comb-shaped polymers in aqueous solution. Polymer Chemistry, 2012, 3, 377-383.	3.9	53
150	Biocompatible Glycopolymer Nanocapsules via Inverse Miniemulsion Periphery RAFT Polymerization for the Delivery of Gemcitabine. Biomacromolecules, 2015, 16, 2144-2156.	5.4	53
151	(â˜)-Riboflavin (vitamin B2) and flavin mononucleotide as visible light photo initiators in the thiolâ€“ene polymerisation of PEG-based hydrogels. Polymer Chemistry, 2017, 8, 980-984.	3.9	53
152	Correlation between Drug Loading Content and Biological Activity: The Complexity Demonstrated in Paclitaxel-Loaded Glycopolymer Micelle System. Biomacromolecules, 2019, 20, 1545-1554.	5.4	53
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