

# Michael R Whittaker

## List of Publications by Year in descending order

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164  
papers

10,330  
citations

23544

58  
h-index

37183

96  
g-index

166  
all docs

166  
docs citations

166  
times ranked

11217  
citing authors

#	ARTICLE	IF	CITATIONS
1	The importance of nanoparticle shape in cancer drug delivery. <i>Expert Opinion on Drug Delivery</i> , 2015, 12, 129-142.	2.4	455
2	RAFTing down under: Tales of missing radicals, fancy architectures, and mysterious holes. <i>Journal of Polymer Science Part A</i> , 2003, 41, 365-375.	2.5	416
3	The design and utility of polymer-stabilized iron-oxide nanoparticles for nanomedicine applications. <i>NPG Asia Materials</i> , 2010, 2, 23-30.	3.8	408
4	Cu(0)-Mediated Living Radical Polymerization: A Versatile Tool for Materials Synthesis. <i>Chemical Reviews</i> , 2016, 116, 835-877.	23.0	373
5	High-Order Multiblock Copolymers via Iterative Cu(0)-Mediated Radical Polymerizations (SET-LRP): Toward Biological Precision. <i>Journal of the American Chemical Society</i> , 2011, 133, 11128-11131.	6.6	308
6	Sequence-controlled methacrylic multiblock copolymers via sulfur-free RAFT emulsion polymerization. <i>Nature Chemistry</i> , 2017, 9, 171-178.	6.6	287
7	Synthesis of 3-Miktoarm Stars and 1st Generation Mikto Dendritic Copolymers by "Living" Radical Polymerization and "Click" Chemistry. <i>Journal of the American Chemical Society</i> , 2006, 128, 11360-11361.	6.6	257
8	Glutathione responsive polymers and their application in drug delivery systems. <i>Polymer Chemistry</i> , 2017, 8, 97-126.	1.9	226
9	Design and Synthesis of Dual Thermo-responsive and Antifouling Hybrid Polymer/Gold Nanoparticles. <i>Macromolecules</i> , 2009, 42, 6917-6926.	2.2	187
10	Synthesis of Complex Multiblock Copolymers via a Simple Iterative Cu(0)-Mediated Radical Polymerization Approach. <i>Macromolecules</i> , 2011, 44, 8028-8033.	2.2	172
11	Cellular Uptake of Densely Packed Polymer Coatings on Gold Nanoparticles. <i>ACS Nano</i> , 2010, 4, 403-413.	7.3	171
12	Water-soluble, thermo-responsive, hyperbranched copolymers based on PEG-methacrylates: Synthesis, characterization, and LCST behavior. <i>Journal of Polymer Science Part A</i> , 2010, 48, 2783-2792.	2.5	156
13	Rapid synthesis of ultrahigh molecular weight and low polydispersity polystyrene diblock copolymers by RAFT-mediated emulsion polymerization. <i>Polymer Chemistry</i> , 2015, 6, 3865-3874.	1.9	154
14	Synthesis of Monocyclic and Linear Polystyrene Using the Reversible Coupling/Cleavage of Thiol/Disulfide Groups. <i>Macromolecules</i> , 2006, 39, 9028-9034.	2.2	152
15	Photoinduced sequence-control via one pot living radical polymerization of acrylates. <i>Chemical Science</i> , 2014, 5, 3536-3542.	3.7	151
16	Synthesis of Functional Core, Star Polymers via RAFT Polymerization for Drug Delivery Applications. <i>Macromolecular Rapid Communications</i> , 2012, 33, 760-766.	2.0	136
17	Controlling Nanomaterial Size and Shape for Biomedical Applications via Polymerization-Induced Self-Assembly. <i>Macromolecular Rapid Communications</i> , 2019, 40, e1800438.	2.0	136
18	Functional Iron Oxide Magnetic Nanoparticles with Hyperthermia-Induced Drug Release Ability by Using a Combination of Orthogonal Click Reactions. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 14152-14156.	7.2	133

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19	Delivering nitric oxide with nanoparticles. <i>Journal of Controlled Release</i> , 2015, 205, 190-205.	4.8	133
20	Convergent Synthesis of Second Generation AB-Type Miktoarm Dendrimers Using "Click" Chemistry Catalyzed by Copper Wire. <i>Macromolecules</i> , 2008, 41, 1057-1060.	2.2	131
21	High Molecular Weight Block Copolymers by Sequential Monomer Addition via Cu(0)-Mediated Living Radical Polymerization (SET-LRP): An Optimized Approach. <i>ACS Macro Letters</i> , 2013, 2, 896-900.	2.3	124
22	Microgel stars via Reversible Addition Fragmentation Chain Transfer (RAFT) polymerisation " a facile route to macroporous membranes, honeycomb patterned thin films and inverse opal substrates. <i>Journal of Materials Chemistry</i> , 2003, 13, 2819-2824.	6.7	117
23	Synthesis of multi-block copolymer stars using a simple iterative Cu(0)-mediated radical polymerization technique. <i>Polymer Chemistry</i> , 2012, 3, 117-123.	1.9	116
24	Optimizing the generation of narrow polydispersity "arm-first"™ star polymers made using RAFT polymerization. <i>Polymer Chemistry</i> , 2011, 2, 1671.	1.9	111
25	Magnetic nanoparticles with diblock glycopolymer shells give lectin concentration-dependent MRI signals and selective cell uptake. <i>Chemical Science</i> , 2014, 5, 715-726.	3.7	111
26	Functional, star polymeric molecular carriers, built from biodegradable microgel/nanogel cores. <i>Chemical Communications</i> , 2011, 47, 1449-1451.	2.2	110
27	Polymeric filomicelles and nanoworms: two decades of synthesis and application. <i>Polymer Chemistry</i> , 2016, 7, 4295-4312.	1.9	110
28	A pH-responsive nanoparticle targets the neurokinin 1 receptor in endosomes to prevent chronic pain. <i>Nature Nanotechnology</i> , 2019, 14, 1150-1159.	15.6	103
29	Acid Degradable and Biocompatible Polymeric Nanoparticles for the Potential Codelivery of Therapeutic Agents. <i>Macromolecules</i> , 2011, 44, 8008-8019.	2.2	101
30	Phosphorylation of Alginate: Synthesis, Characterization, and Evaluation of in Vitro Mineralization Capacity. <i>Biomacromolecules</i> , 2011, 12, 889-897.	2.6	95
31	Self-Assembly of Amphiphilic Polymeric Dendrimers Synthesized with Selective Degradable Linkages. <i>Macromolecules</i> , 2008, 41, 76-86.	2.2	93
32	Synthesis and modification of thermoresponsive poly(oligo(ethylene glycol) methacrylate) via catalytic chain transfer polymerization and thiol"ene Michael addition. <i>Polymer Chemistry</i> , 2011, 2, 815.	1.9	93
33	An overview of protein"polymer particles. <i>Soft Matter</i> , 2011, 7, 1599-1614.	1.2	89
34	Polymerization-Induced Self-Assembly: The Effect of End Group and Initiator Concentration on Morphology of Nanoparticles Prepared via RAFT Aqueous Emulsion Polymerization. <i>ACS Macro Letters</i> , 2017, 6, 1013-1019.	2.3	89
35	Modification of graphene/graphene oxide with polymer brushes using controlled/living radical polymerization. <i>Journal of Polymer Science Part A</i> , 2012, 50, 2981-2992.	2.5	88
36	Influence of Size and Shape on the Biodistribution of Nanoparticles Prepared by Polymerization-Induced Self-Assembly. <i>Biomacromolecules</i> , 2017, 18, 3963-3970.	2.6	87

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37	End-group fidelity of copper(0)-mediated radical polymerization at high monomer conversion: an ESI-MS investigation. <i>Journal of Polymer Science Part A</i> , 2011, 49, 5313-5321.	2.5	84
38	Cholesterol Modified Self-Assemblies and Their Application to Nanomedicine. <i>Biomacromolecules</i> , 2015, 16, 1886-1914.	2.6	80
39	Original approach to multiblock copolymers via reversible addition-fragmentation chain transfer polymerization. <i>Journal of Polymer Science Part A</i> , 2007, 45, 2334-2340.	2.5	79
40	Synthesis of Hollow Polymer Nanocapsules Exploiting Gold Nanoparticles as Sacrificial Templates. <i>Macromolecules</i> , 2010, 43, 1792-1799.	2.2	77
41	Synthesis of polystyrene nanoparticles "armoured" with nanodimensional graphene oxide sheets by miniemulsion polymerization. <i>Journal of Polymer Science Part A</i> , 2013, 51, 47-58.	2.5	77
42	Copper(0)-mediated radical polymerisation in a self-generating biphasic system. <i>Polymer Chemistry</i> , 2013, 4, 106-112.	1.9	75
43	Facile production of nanoaggregates with tuneable morphologies from thermoresponsive P(DEGMA-co-HPMA). <i>Polymer Chemistry</i> , 2016, 7, 430-440.	1.9	74
44	Hydrophobically-associating cationic polymers as micro-bubble surface modifiers in dissolved air flotation for cyanobacteria cell separation. <i>Water Research</i> , 2014, 61, 253-262.	5.3	73
45	Synthesis of Soluble Phosphate Polymers by RAFT and Their in Vitro Mineralization.. <i>Biomacromolecules</i> , 2006, 7, 3178-3187.	2.6	71
46	Synthesis of linear and 4-arm star block copolymers of poly(methyl acrylate)- <i>b</i> -poly(ethyl acrylate) by SET-LRP at 25 °C. <i>Journal of Polymer Science Part A</i> , 2008, 46, 6346-6357.	2.5	71
47	Organic Arsenicals As Efficient and Highly Specific Linkers for Protein/Peptide-Polymer Conjugation. <i>Journal of the American Chemical Society</i> , 2015, 137, 4215-4222.	6.6	71
48	Reactive Alkyne and Azide Solid Supports To Increase Purity of Novel Polymeric Stars and Dendrimers via the "Click" Reaction. <i>Macromolecules</i> , 2007, 40, 7056-7059.	2.2	69
49	Glycopolymer Decoration of Gold Nanoparticles Using a LbL Approach. <i>Macromolecules</i> , 2010, 43, 3775-3784.	2.2	69
50	Grafting of P(OEGA) Onto Magnetic Nanoparticles Using Cu(0) Mediated Polymerization: Comparing Grafting "from" and "to" Approaches in the Search for the Optimal Material Design of Nanoparticle MRI Contrast Agents. <i>Macromolecules</i> , 2013, 46, 6038-6047.	2.2	68
51	Disposition and safety of inhaled biodegradable nanomedicines: Opportunities and challenges. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016, 12, 1703-1724.	1.7	67
52	Elucidating the Influences of Size, Surface Chemistry, and Dynamic Flow on Cellular Association of Nanoparticles Made by Polymerization-Induced Self-Assembly. <i>Small</i> , 2018, 14, e1801702.	5.2	67
53	Synthesis and Aggregation Behavior of Four-Arm Star Amphiphilic Block Copolymers in Water. <i>Langmuir</i> , 2006, 22, 9746-9752.	1.6	66
54	Adsorption behaviour of sulfur containing polymers to gold surfaces using QCM-D. <i>Soft Matter</i> , 2012, 8, 118-128.	1.2	65

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55	Star Polymers Reduce Islet Amyloid Polypeptide Toxicity via Accelerated Amyloid Aggregation. <i>Biomacromolecules</i> , 2017, 18, 4249-4260.	2.6	65
56	Modulation of the Surface Charge on Polymer-Stabilized Gold Nanoparticles by the Application of an External Stimulus. <i>Langmuir</i> , 2010, 26, 2721-2730.	1.6	63
57	Delivery of polymeric nanostars for molecular imaging and endoradiotherapy through the enhanced permeability and retention (EPR) effect. <i>Theranostics</i> , 2020, 10, 567-584.	4.6	63
58	Surfactant-free RAFT emulsion polymerization using a novel biocompatible thermoresponsive polymer. <i>Polymer Chemistry</i> , 2017, 8, 1353-1363.	1.9	62
59	Biomimetic Polymers Responsive to a Biological Signaling Molecule: Nitric Oxide Triggered Reversible Self-Assembly of Single Macromolecular Chains into Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 7779-7784.	7.2	60
60	Antibacterial low molecular weight cationic polymers: dissecting the contribution of hydrophobicity, chain length and charge to activity. <i>RSC Advances</i> , 2016, 6, 15469-15477.	1.7	58
61	Schwann cell endosome CGRP signals elicit periorbital mechanical allodynia in mice. <i>Nature Communications</i> , 2022, 13, 646.	5.8	57
62	Synthesis of Well-Defined Poly(acrylates) in Ionic Liquids via Copper(II)-Mediated Photoinduced Living Radical Polymerization. <i>Macromolecules</i> , 2015, 48, 5140-5147.	2.2	56
63	Gadolinium-functionalized nanoparticles for application as magnetic resonance imaging contrast agents via polymerization-induced self-assembly. <i>Polymer Chemistry</i> , 2016, 7, 7325-7337.	1.9	56
64	Post-functionalization of ATRP polymers using both thiol/ene and thiol/disulfide exchange chemistry. <i>Chemical Communications</i> , 2011, 47, 1318-1320.	2.2	55
65	Lymphatic targeting by albumin-hitchhiking: Applications and optimisation. <i>Journal of Controlled Release</i> , 2020, 327, 117-128.	4.8	55
66	Influence of monomer type on miniemulsion polymerization systems stabilized by graphene oxide as sole surfactant. <i>Journal of Polymer Science Part A</i> , 2013, 51, 5153-5162.	2.5	53
67	Water and Polymer Mobility in Hydrogel Biomaterials Quantified by <sup>1</sup> H NMR: A Simple Model Describing Both T <sub>1</sub> and T <sub>2</sub> Relaxation. <i>Macromolecules</i> , 2002, 35, 6961-6969.	2.2	51
68	Surface-Functionalized Polymer Nanoparticles for Selective Sequestering of Heavy Metals. <i>Advanced Materials</i> , 2006, 18, 582-586.	11.1	51
69	Divergent synthesis and self-assembly of amphiphilic polymeric dendrons with selective degradable linkages. <i>Journal of Polymer Science Part A</i> , 2008, 46, 1533-1547.	2.5	51
70	Facile access to thermoresponsive filomicelles with tuneable cores. <i>Chemical Communications</i> , 2016, 52, 4497-4500.	2.2	51
71	A Hydrogel-Based Localized Release of Colistin for Antimicrobial Treatment of Burn Wound Infection. <i>Macromolecular Bioscience</i> , 2017, 17, 1600320.	2.1	51
72	Nano-sized graphene oxide as sole surfactant in miniemulsion polymerization for nanocomposite synthesis: Effect of pH and ionic strength. <i>Polymer</i> , 2014, 55, 3490-3497.	1.8	49

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73	The role of algal organic matter in the separation of algae and cyanobacteria using the novel "Posi" Dissolved air flotation process. <i>Water Research</i> , 2018, 130, 20-30.	5.3	49
74	In Situ Conjugation of Dithiophenol Maleimide Polymers and Oxytocin for Stable and Reversible Polymer"Peptide Conjugates. <i>Bioconjugate Chemistry</i> , 2015, 26, 633-638.	1.8	47
75	Reproducible Access to Tunable Morphologies via the Self-Assembly of an Amphiphilic Diblock Copolymer in Water. <i>ACS Macro Letters</i> , 2015, 4, 381-386.	2.3	46
76	PEGylated Gold Nanoparticles Functionalized with $\beta$ -Cyclodextrin Inclusion Complexes: Towards Metal Nanoparticle - Polymer - Carbohydrate Cluster Biohybrid Materials. <i>Australian Journal of Chemistry</i> , 2010, 63, 1245.	0.5	43
77	Effect of TiO <sub>2</sub> nanoparticle surface functionalization on protein adsorption, cellular uptake and cytotoxicity: the attachment of PEG comb polymers using catalytic chain transfer and thiol"ene chemistry. <i>Polymer Chemistry</i> , 2012, 3, 2743.	1.9	43
78	Sulfoxide"Containing Polymer"Coated Nanoparticles Demonstrate Minimal Protein Fouling and Improved Blood Circulation. <i>Advanced Science</i> , 2020, 7, 2000406.	5.6	43
79	A comparison of the lung clearance kinetics of solid lipid nanoparticles and liposomes by following the 3H-labelled structural lipids after pulmonary delivery in rats. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 125, 1-12.	2.0	42
80	Recent advances in the delivery of hydrogen sulfide <i>via</i> a macromolecular approach. <i>Polymer Chemistry</i> , 2018, 9, 4431-4439.	1.9	39
81	Cationic acrylate oligomers comprising amino acid mimic moieties demonstrate improved antibacterial killing efficiency. <i>Journal of Materials Chemistry B</i> , 2017, 5, 531-536.	2.9	38
82	Overcoming Surfactant-Induced Morphology Instability of Noncrosslinked Diblock Copolymer Nano-Objects Obtained by RAFT Emulsion Polymerization. <i>ACS Macro Letters</i> , 2018, 7, 159-165.	2.3	38
83	High fidelity vinyl terminated polymers by combining RAFT and cobalt catalytic chain transfer (CCT) polymerization methods. <i>Chemical Communications</i> , 2010, 46, 6338.	2.2	36
84	Uptake and transcytosis of functionalized superparamagnetic iron oxide nanoparticles in an <i>in vitro</i> blood brain barrier model. <i>Biomaterials Science</i> , 2018, 6, 314-323.	2.6	36
85	Rapid Assessment of Nanoparticle Extravasation in a Microfluidic Tumor Model. <i>ACS Applied Nano Materials</i> , 2019, 2, 1844-1856.	2.4	36
86	Biomimetic Surface Modification of Honeycomb Films via a "Grafting From" Approach. <i>Langmuir</i> , 2010, 26, 12748-12754.	1.6	35
87	Self"Assembly of well"defined amphiphilic polymeric miktoarm stars, dendrons, and dendrimers in water: The effect of architecture. <i>Journal of Polymer Science Part A</i> , 2009, 47, 6292-6303.	2.5	33
88	Synthesis and in vitro properties of iron oxide nanoparticles grafted with brushed phosphorylcholine and polyethylene glycol. <i>Polymer Chemistry</i> , 2016, 7, 1931-1944.	1.9	32
89	Macromolecular Hydrogen Sulfide Donors Trigger Spatiotemporally Confined Changes in Cell Signaling. <i>Biomacromolecules</i> , 2016, 17, 371-383.	2.6	32
90	Bioconjugation and Fluorescence Labeling of Iron Oxide Nanoparticles Grafted with Bromomaleimide-Terminal Polymers. <i>Biomacromolecules</i> , 2018, 19, 4423-4429.	2.6	32

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91	Effect of Degassing on Surfactant-Free Emulsion Polymerizations of Styrene Mediated with RAFT. <i>Macromolecules</i> , 2006, 39, 904-907.	2.2	31
92	Elucidating the effect of sequence and degree of polymerization on antimicrobial properties for block copolymers. <i>Polymer Chemistry</i> , 2020, 11, 84-90.	1.9	31
93	Raft mediated surface grafting of butyl acrylate onto an ethylene-propylene copolymer initiated by gamma radiation. <i>Journal of Polymer Science Part A</i> , 2007, 45, 1074-1083.	2.5	29
94	Outer-sphere electron transfer metal-catalyzed polymerization of styrene using a macrobicyclic ligand. <i>Journal of Polymer Science Part A</i> , 2008, 46, 146-154.	2.5	29
95	Effect of increased surface hydrophobicity via drug conjugation on the clearance of inhaled PEGylated polylysine dendrimers. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 119, 408-418.	2.0	28
96	Highly-Ordered Hybrid Organic-Inorganic Isoporous Membranes from Polymer Modified Nanoparticles. <i>Macromolecular Rapid Communications</i> , 2005, 26, 524-528.	2.0	27
97	Synthesis of complex macromolecules using iterative copper(0)-mediated radical polymerization. <i>Journal of Polymer Science Part A</i> , 2014, 52, 2083-2098.	2.5	27
98	Nitric Oxide (NO) Cleavable Biomimetic Thermo-responsive Double Hydrophilic Diblock Copolymer with Tunable LCST. <i>Macromolecules</i> , 2015, 48, 3817-3824.	2.2	27
99	Synthesis of Star Polymers by RAFT Polymerization as Versatile Nanoparticles for Biomedical Applications. <i>Australian Journal of Chemistry</i> , 2017, 70, 1161.	0.5	27
100	Garlic-inspired trisulfide linkers for thiol-stimulated H <sub>2</sub> S release. <i>Chemical Communications</i> , 2017, 53, 8030-8033.	2.2	27
101	Synthesis and postfunctionalization of well-defined star polymers via double-click chemistry. <i>Journal of Polymer Science Part A</i> , 2011, 49, 5245-5256.	2.5	26
102	Local inflammation alters the lung disposition of a drug loaded pegylated liposome after pulmonary dosing to rats. <i>Journal of Controlled Release</i> , 2019, 307, 32-43.	4.8	26
103	pH-Responsive copolymer micelles to enhance itraconazole efficacy against <i>Candida albicans</i> biofilms. <i>Journal of Materials Chemistry B</i> , 2020, 8, 1672-1681.	2.9	26
104	Soft ionization mass spectroscopy: Insights into the polymerization mechanism. <i>Journal of Polymer Science Part A</i> , 2013, 51, 1475-1505.	2.5	25
105	Suggested Procedures for the Reproducible Synthesis of Poly(D,L-lactide-co-glycolide) Nanoparticles Using the Emulsification Solvent Diffusion Platform. <i>Current Nanoscience</i> , 2018, 14, 448-453.	0.7	25
106	Adsorption of Well-Defined Fluorine-Containing Polymers onto Poly(tetrafluoroethylene). <i>Langmuir</i> , 2008, 24, 13075-13083.	1.6	24
107	Thiol-Reactive Star Polymers Display Enhanced Association with Distinct Human Blood Components. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 12182-12194.	4.0	24
108	Controlled radical polymerization of styrene and methyl acrylate in the presence of reversible addition-fragmentation chain transfer agents, phenylethyl phenyl dithioacetate and phenyldithioacetic acid. <i>Journal of Polymer Science Part A</i> , 2005, 43, 5232-5245.	2.5	23

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109	A detailed surface analytical study of degradation processes in (meth)acrylic polymers. <i>Journal of Polymer Science Part A</i> , 2012, 50, 1801-1811.	2.5	22
110	The use of endogenous gaseous molecules (NO and CO <sub>2</sub> ) to regulate the self-assembly of a dual-responsive triblock copolymer. <i>Polymer Chemistry</i> , 2015, 6, 2407-2415.	1.9	22
111	Comb Poly(Oligo(2-Ethyl-2-Oxazoline)Methacrylate)-Peptide Conjugates Prepared by Aqueous Cu(O)-Mediated Polymerization and Reductive Amination. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1600534.	2.0	22
112	The impact of size and charge on the pulmonary pharmacokinetics and immunological response of the lungs to PLGA nanoparticles after intratracheal administration to rats. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020, 30, 102291.	1.7	22
113	Oxytocin in the Male Reproductive Tract; The Therapeutic Potential of Oxytocin-Agonists and-Antagonists. <i>Frontiers in Endocrinology</i> , 2020, 11, 565731.	1.5	21
114	Brushed polyethylene glycol and phosphorylcholine for grafting nanoparticles against protein binding. <i>Polymer Chemistry</i> , 2016, 7, 6875-6879.	1.9	20
115	Transformation of RAFT Polymer End Groups into Nitric Oxide Donor Moieties: En Route to Biochemically Active Nanostructures. <i>ACS Macro Letters</i> , 2015, 4, 1278-1282.	2.3	19
116	Polymers with acyl-protected perthiol chain termini as convenient building blocks for doubly responsive H <sub>2</sub> S-donating nanoparticles. <i>Polymer Chemistry</i> , 2017, 8, 6362-6367.	1.9	18
117	Modular photo-induced RAFT polymerised hydrogels via thiol-ene click chemistry for 3D cell culturing. <i>Polymer Chemistry</i> , 2017, 8, 6123-6133.	1.9	18
118	Molecular weight (hydrodynamic volume) dictates the systemic pharmacokinetics and tumour disposition of PolyPEG star polymers. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015, 11, 2099-2108.	1.7	17
119	The Pharmacokinetics and Biodistribution of a 64 kDa PolyPEG Star Polymer After Subcutaneous and Pulmonary Administration to Rats. <i>Journal of Pharmaceutical Sciences</i> , 2016, 105, 293-300.	1.6	17
120	A high resolution NMR investigation into the microstructure of HEMA and EEMA copolymers. <i>Polymer Gels and Networks</i> , 1995, 3, 85-97.	0.6	16
121	Nitric Oxide (NO) Endows Arylamine-Containing Block Copolymers with Unique Photoresponsive and Switchable LCST Properties. <i>Macromolecules</i> , 2016, 49, 2741-2749.	2.2	16
122	Design and preclinical evaluation of nanostars for the passive pretargeting of tumor tissue. <i>Nuclear Medicine and Biology</i> , 2020, 84-85, 63-72.	0.3	16
123	Sustained endosomal release of a neurokinin-1 receptor antagonist from nanostars provides long-lasting relief of chronic pain. <i>Biomaterials</i> , 2022, 285, 121536.	5.7	16
124	Application of Heterocyclic Polymers in the Ratiometric Spectrophotometric Determination of Fluoride. <i>ACS Macro Letters</i> , 2015, 4, 236-241.	2.3	15
125	A traceless reversible polymeric colistin prodrug to combat multidrug-resistant (MDR) gram-negative bacteria. <i>Journal of Controlled Release</i> , 2017, 259, 83-91.	4.8	15
126	Engineered Hydrogen-Bonded Glycopolymer Capsules and Their Interactions with Antigen Presenting Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 6444-6452.	4.0	15



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127	Exploiting Macromolecular Design To Optimize the Antibacterial Activity of Alkylated Cationic Oligomers. <i>Biomacromolecules</i> , 2018, 19, 4629-4640.	2.6	14
128	Poly(2-isopropenyl-2-oxazoline) â€“ a structural analogue to poly(vinyl azlactone) with Orthogonal Reactivity. <i>Polymer Chemistry</i> , 2020, 11, 5681-5692.	1.9	14
129	Stability Enhancing <i>N</i> -Terminal PEGylation of Oxytocin Exploiting Different Polymer Architectures and Conjugation Approaches. <i>Biomacromolecules</i> , 2016, 17, 2755-2766.	2.6	13
130	Lipidated polymers for the stabilization of cubosomes: nanostructured drug delivery vehicles. <i>Chemical Communications</i> , 2017, 53, 10552-10555.	2.2	13
131	Recent Advances in Magnetic Nanoparticle-based Molecular Probes for Hepatocellular Carcinoma Diagnosis and Therapy. <i>Current Pharmaceutical Design</i> , 2018, 24, 2432-2437.	0.9	13
132	Degradative chain transfer in vinyl acetate polymerizations using toluene as solvent. <i>Journal of Polymer Science Part A</i> , 2007, 45, 3620-3625.	2.5	12
133	Degradation of poly(butyl methacrylate) model compounds studied via high-resolution electrospray ionization mass spectrometry. <i>Journal of Polymer Science Part A</i> , 2011, 49, 848-861.	2.5	12
134	Synthesis of block copolymers via atom transfer radical polymerization and â€“click chemistryâ€™ grafted from pre-functionalized polypropylene surfaces using gamma irradiation. <i>Polymer Chemistry</i> , 2012, 3, 2102.	1.9	12
135	Precise control of drug loading and release of an NSAIDâ€“polymer conjugate for long term osteoarthritis intra-articular drug delivery. <i>Journal of Materials Chemistry B</i> , 2017, 5, 6221-6226.	2.9	12
136	Intra-articular Treatment of Osteoarthritis with Diclofenac-Conjugated Polymer Reduces Inflammation and Pain. <i>ACS Applied Bio Materials</i> , 2019, 2, 2822-2832.	2.3	12
137	Nitric oxide-sensing actuators for modulating structure in lipid-based liquid crystalline drug delivery systems. <i>Journal of Colloid and Interface Science</i> , 2017, 508, 517-524.	5.0	12
138	Formation of Tethered Polyacrylic Acid Loops in Coreâ€“Shell Micelles. <i>Langmuir</i> , 2007, 23, 7887-7890.	1.6	11
139	Hydrolyzable Poly[Poly(Ethylene Glycol) Methyl Ether Acrylate]â€“Colistin Prodrugs through Copper-Mediated Photoinduced Living Radical Polymerization. <i>Bioconjugate Chemistry</i> , 2017, 28, 1916-1924.	1.8	11
140	An optimised Cu(0)-RDRP approach for the synthesis of lipidated oligomeric vinyl azlactone: toward a versatile antimicrobial materials screening platform. <i>Journal of Materials Chemistry B</i> , 2019, 7, 6796-6809.	2.9	11
141	Polymers with Dithiobenzoate End Groups Constitutively Release Hydrogen Sulfide upon Exposure to Cysteine and Homocysteine. <i>ACS Macro Letters</i> , 2020, 9, 553-557.	2.3	11
142	Trisulfide linked cholesteryl PEG conjugate attenuates intracellular ROS and collagen-1 production in a breast cancer co-culture model. <i>Biomaterials Science</i> , 2021, 9, 835-846.	2.6	11
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#	ARTICLE	IF	CITATIONS
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