Kristofer J Thurecht

List of Publications by Year
in descending order

165	8,283	71102	54911
papers	citations	41 h-index	84 g-index

171	171	171	12442
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nanoparticle-Based Medicines: A Review of FDA-Approved Materials and Clinical Trials to Date. Pharmaceutical Research, 2016, 33, 2373-2387.	3.5	1,976
2	Minimum information reporting in bioâ€“nano experimental literature. Nature Nanotechnology, 2018, 13, 777-785.	31.5	455
3	Bridging Bioâ€“Nano Science and Cancer Nanomedicine. ACS Nano, 2017, 11, 9594-9613.	14.6	304
4	Bioerodable PLGA-Based Microparticles for Producing Sustained-Release Drug Formulations and Strategies for Improving Drug Loading. Frontiers in Pharmacology, 2016, 7, 185.	3.5	255
5	Towards clinical translation of ligand-functionalized liposomes in targeted cancer therapy: Challenges and opportunities. Journal of Controlled Release, 2018, 277, 1-13.	9.9	214
6	A comparative study: the impact of different lipid extraction methods on current microalgal lipid research. Microbial Cell Factories, 2014, 13, 14.	4.0	187
7	Confinement of Therapeutic Enzymes in Selectively Permeable Polymer Vesicles by Polymerization-Induced Self-Assembly (PISA) Reduces Antibody Binding and Proteolytic Susceptibility. ACS Central Science, 2018, 4, 718-723.	11.3	181
8	Functional Hyperbranched Polymers: Toward Targeted in Vivo ¹⁹F Magnetic Resonance Imaging Using Designed Macromolecules. Journal of the American Chemical Society, 2010, 132, 5336-5337.	13.7	168
9	Multimodal Polymer Nanoparticles with Combined ¹⁹F Magnetic Resonance and Optical Detection for Tunable, Targeted, Multimodal Imaging in Vivo. Journal of the American Chemical Society, 2014, 136, 2413-2419.	13.7	160
10	Successful Dispersion Polymerization in Supercritical CO₂ Using Polyvinylalkylate Hydrocarbon Surfactants Synthesized and Anchored via RAFT. Journal of the American Chemical Society, 2008, 130, 12242-12243.	13.7	96
11	One-Pot Synthesis of Block Copolymers in Supercritical Carbon Dioxide: A Simple Versatile Route to Nanostructured Microparticles. Journal of the American Chemical Society, 2012, 134, 4772-4781.	13.7	93
12	Controlled Dispersion Polymerization of Methyl Methacrylate in Supercritical Carbon Dioxide via RAFT. Macromolecules, 2008, 41, 1215-1222.	4.8	88
13	Recent Advances in the Generation of Antibodyâ€“Nanomaterial Conjugates. Advanced Healthcare Materials, 2018, 7, 1700607.	7.6	88
14	Kinetics of Enzymatic Ring-Opening Polymerization of Îµ-Caprolactone in Supercritical Carbon Dioxide. Macromolecules, 2006, 39, 7967-7972.	4.8	83
15	A Method for Controlling the Aggregation of Gold Nanoparticles: Tuning of Optical and Spectroscopic Properties. Langmuir, 2013, 29, 8266-8274.	3.5	76
16	Dispersion polymerisation in supercritical CO2 using macro-RAFT agents. Chemical Communications, 2008, , 5942.	4.1	70
17	Free-Radical Polymerization in Ionic Liquids: The Case for a Protected Radical. Macromolecules, 2008, 41, 2814-2820.	4.8	68
18	Localised delivery of doxorubicin to prostate cancer cells through a PSMA-targeted hyperbranched polymer theranostic. Biomaterials, 2017, 141, 330-339.	11.4	68

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19	pH-responsive star polymer nanoparticles: potential 19F MRI contrast agents for tumour-selective imaging. Polymer Chemistry, 2013, 4, 4480.	3.9	66
20	Biodegradable core crosslinked star polymer nanoparticles as¹⁹F MRI contrast agents for selective imaging. Polymer Chemistry, 2014, 5, 1760-1771.	3.9	66
21	One-Step Chemoenzymatic Synthesis of Poly(Îµ-caprolactone-block-methyl methacrylate) in Supercritical CO2. Macromolecules, 2006, 39, 5352-5358.	4.8	65
22	â€œLivingâ€•Polymer Beads in Supercritical CO2. Macromolecules, 2007, 40, 2965-2967.	4.8	65
23	Synthesis and Phase Behavior of CO₂-Soluble Hydrocarbon Copolymer: Poly(vinyl) Tj ETQq1 1 0.784314 rgBT /Overlock	4.8	65
24	Simultaneous enzymatic ring opening polymerisation and RAFT-mediated polymerisation in supercritical CO2. Chemical Communications, 2006, , 4383.	4.1	64
25	Enhanced delivery of siRNA to triple negative breast cancer cells in vitro and in vivo through functionalizing lipid-coated calcium phosphate nanoparticles with dual target ligands. Nanoscale, 2018, 10, 4258-4266.	5.6	64
26	Enhanced uptake of nanoparticle drug carriers via a thermoresponsive shell enhances cytotoxicity in a cancer cell line. Biomaterials Science, 2013, 1, 434.	5.4	63
27	Synthesis of Graft Copolymers by the Combination of ATRP and Enzymatic ROP in scCO2. Macromolecules, 2006, 39, 9080-9086.	4.8	62
28	Self assembly of plasmonic coreâ€“satellite nano-assemblies mediated by hyperbranched polymer linkers. Journal of Materials Chemistry B, 2014, 2, 2827-2837.	5.8	57
29	Person-Specific Biomolecular Coronas Modulate Nanoparticle Interactions with Immune Cells in Human Blood. ACS Nano, 2020, 14, 15723-15737.	14.6	55
30	Molecular imaging with polymers. Polymer Chemistry, 2012, 3, 1384.	3.9	54
31	Effects of Surface Charge of Hyperbranched Polymers on Cytotoxicity, Dynamic Cellular Uptake and Localization, Hemotoxicity, and Pharmacokinetics in Mice. Molecular Pharmaceutics, 2017, 14, 4485-4497.	4.6	54
32	Self-Assembled Hyperbranched Polymerâ€“Gold Nanoparticle Hybrids: Understanding the Effect of Polymer Coverage on Assembly Size and SERS Performance. Langmuir, 2013, 29, 525-533.	3.5	53
33	Development of a polymer theranostic for prostate cancer. Polymer Chemistry, 2014, 5, 6932-6942.	3.9	53
34	Responsive hybrid block co-polymer conjugates of proteinsâ€“controlled architecture to modulate substrate specificity and solution behaviour. Polymer Chemistry, 2011, 2, 1567.	3.9	52
35	In Vivo Evaluation of Folate Decorated Cross-Linked Micelles for the Delivery of Platinum Anticancer Drugs. Biomacromolecules, 2015, 16, 515-523.	5.4	52
36	Overcoming Instability of Antibodyâ€•Nanomaterial Conjugates: Next Generation Targeted Nanomedicines Using Bispecific Antibodies. Advanced Healthcare Materials, 2016, 5, 2055-2068.	7.6	52

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37	Segmented Highly Branched Copolymers: Rationally Designed Macromolecules for Improved and Tunable ¹⁹F MRI. Biomacromolecules, 2015, 16, 2827-2839.	5.4	50
38	Modular Construction of Multifunctional Bioresponsive Cell-Targeted Nanoparticles for Gene Delivery. Bioconjugate Chemistry, 2011, 22, 156-168.	3.6	49
39	Using Peptide Aptamer Targeted Polymers as a Model Nanomedicine for Investigating Drug Distribution in Cancer Nanotheranostics. Molecular Pharmaceutics, 2017, 14, 3539-3549.	4.6	45
40	The in vivo fate of nanoparticles and nanoparticle-loaded microcapsules after oral administration in mice: Evaluation of their potential for colon-specific delivery. European Journal of Pharmaceutics and Biopharmaceutics, 2015, 94, 393-403.	4.3	44
41	Controlled Dispersion Polymerization in Supercritical Carbon Dioxide. Australian Journal of Chemistry, 2009, 62, 786.	0.9	42
42	Hyperbranched polymers as delivery vectors for oligonucleotides. Journal of Polymer Science Part A, 2012, 50, 2585-2595.	2.3	42
43	Influence of oxidation upon the CO2 capture performance of a phenolic-resin-derived carbon. Fuel Processing Technology, 2013, 110, 53-60.	7.2	40
44	One-pot controlled synthesis of biodegradable and biocompatible co-polymer micelles. Journal of Materials Chemistry, 2009, 19, 4529.	6.7	39
45	Biodegradable Coreâ^'Shell Materials via RAFT and ROP: Characterization and Comparison of Hyperbranched and Microgel Particles. Macromolecules, 2011, 44, 1347-1354.	4.8	39
46	Aptamer-targeted hyperbranched polymers: towards greater specificity for tumours in vivo. Chemical Communications, 2013, 49, 3836.	4.1	39
47	Evaluation of Polymeric Nanomedicines Targeted to PSMA: Effect of Ligand on Targeting Efficiency. Biomacromolecules, 2015, 16, 3235-3247.	5.4	38
48	Modulating Targeting of Poly(ethylene glycol) Particles to Tumor Cells Using Bispecific Antibodies. Advanced Healthcare Materials, 2019, 8, e1801607.	7.6	38
49	Perturbation of the Experimental Phase Diagram of a Diblock Copolymer by Blending with an Ionic Liquid. Macromolecules, 2016, 49, 205-214.	4.8	37
50	In Vivo Fate of Carbon Nanotubes with Different Physicochemical Properties for Gene Delivery Applications. ACS Applied Materials & Interfaces, 2017, 9, 11461-11471.	8.0	37
51	Designed multifunctional polymeric nanomedicines: long-term biodistribution and tumour accumulation of aptamer-targeted nanomaterials. Chemical Communications, 2018, 54, 11538-11541.	4.1	37
52	Novel one pot synthesis of silver nanoparticleâ€"polymer composites by supercritical CO2 polymerisation in the presence of a RAFT agent. Chemical Communications, 2007, , 3933.	4.1	36
53	RAFT-functional ionic liquids: towards understanding controlled free radical polymerisation in ionic liquids. Journal of Materials Chemistry, 2009, 19, 2679.	6.7	36
54	Understanding the Uptake of Nanomedicines at Different Stages of Brain Cancer Using a Modular Nanocarrier Platform and Precision Bispecific Antibodies. ACS Central Science, 2020, 6, 727-738.	11.3	36

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55	Engineering Fluorescent Gold Nanoclusters Using Xanthate-Functionalized Hydrophilic Polymers: Toward Enhanced Monodispersity and Stability. Nano Letters, 2021, 21, 476-484.	9.1	36
56	Influence of compatibilizing agent molecular structure on the mechanical properties of phosphate glass fiberâ€reinforced PLA composites. Journal of Polymer Science Part A, 2010, 48, 3082-3094.	2.3	35
57	New vinyl ester copolymers as stabilisers for dispersion polymerisation in scCO2. Polymer, 2011, 52, 5403-5409.	3.8	35
58	Ultrasound-responsive nanobubbles for enhanced intravitreal drug migration: An ex vivo evaluation. European Journal of Pharmaceutics and Biopharmaceutics, 2019, 136, 102-107.	4.3	35
59	Poly(2-oxazoline) macromonomers as building blocks for functional and biocompatible polymer architectures. European Polymer Journal, 2019, 121, 109258.	5.4	34
60	Epoxy functionalised poly(Îµ-caprolactone): synthesis and application. Chemical Communications, 2008, , 5806.	4.1	33
61	Synthesis of a multimodal molecular imaging probe based on a hyperbranched polymer architecture. Polymer Chemistry, 2014, 5, 4450.	3.9	33
62	Hyperbranched Polymerâ€“Gold Nanoparticle Assemblies: Role of Polymer Architecture in Hybrid Assembly Formation and SERS Activity. Langmuir, 2014, 30, 2249-2258.	3.5	33
63	Gold Nanocluster-Mediated Cellular Death under Electromagnetic Radiation. ACS Applied Materials & Interfaces, 2017, 9, 41159-41167.	8.0	33
64	Supercritical CO2: an effective medium for the chemo-enzymatic synthesis of block copolymers?. Chemical Communications, 2007, , 3805.	4.1	32
65	Hyperbranched polymers for molecular imaging: designing polymers for parahydrogen induced polarisation (PHIP). Chemical Communications, 2012, 48, 1583-1585.	4.1	31
66	Non-Viral Vector-Mediated Gene Therapy for ALS: Challenges and Future Perspectives. Molecular Pharmaceutics, 2021, 18, 2142-2160.	4.6	31
67	PEG-Based Hyperbranched Polymer Theranostics: Optimizing Chemistries for Improved Bioconjugation. Macromolecules, 2014, 47, 5211-5219.	4.8	30
68	Controlling the Biological Fate of Micellar Nanoparticles: Balancing Stealth and Targeting. ACS Nano, 2020, 14, 13739-13753.	14.6	30
69	NMR as a probe of nanostructured domains in ionic liquids: Does domain segregation explain increased performance of free radical polymerisation?. Chemical Science, 2011, 2, 1810.	7.4	29
70	Nanobody-displaying porous silicon nanoparticles for the co-delivery of siRNA and doxorubicin. Biomaterials Science, 2021, 9, 133-147.	5.4	29
71	Equilibrium Swelling Measurements of Network and Semicrystalline Polymers in Supercritical Carbon Dioxide Using High-Pressure NMR. Macromolecules, 2005, 38, 3731-3737.	4.8	28
72	Controlled polymerisation of lactide using an organo-catalyst in supercritical carbon dioxide. Green Chemistry, 2011, 13, 2032.	9.0	28

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73	Effect of Solvent Quality on the Solution Properties of Assemblies of Partially Fluorinated Amphiphilic Diblock Copolymers. Macromolecules, 2012, 45, 8681-8690.	4.8	28
74	Utilising polymers to understand diseases: advanced molecular imaging agents. Polymer Chemistry, 2015, 6, 868-880.	3.9	28
75	Multifunctional hyperbranched polymers for CT/¹⁹F MRI bimodal molecular imaging. Polymer Chemistry, 2016, 7, 1059-1069.	3.9	28
76	Simultaneous Dynamic Kinetic Resolution in Combination with Enzymatic Ring-Opening Polymerization. Macromolecules, 2006, 39, 7302-7305.	4.8	27
77	HRP-mediated inverse emulsion polymerisation of acrylamide in supercritical carbon dioxide. Green Chemistry, 2008, 10, 863.	9.0	27
78	Polysiloxanes polymers with hyperbranched structure and multivinyl functionality. Journal of Polymer Science Part A, 2012, 50, 629-637.	2.3	27
79	Charge Has a Marked Influence on Hyperbranched Polymer Nanoparticle Association in Whole Human Blood. ACS Macro Letters, 2017, 6, 586-592.	4.8	27
80	Multifunctional lipid-coated calcium phosphate nanoplatforms for complete inhibition of large triple negative breast cancer via targeted combined therapy. Biomaterials, 2019, 216, 119232.	11.4	27
81	Understanding the role of colon-specific microparticles based on retrograded starch/pectin in the delivery of chitosan nanoparticles along the gastrointestinal tract. European Journal of Pharmaceutics and Biopharmaceutics, 2021, 158, 371-378.	4.3	27
82	Temperature Dependence of the Dielectric Properties of 2,2â€²-Azobis(2-methyl-butyronitrile) (AMBN). Industrial & Engineering Chemistry Research, 2010, 49, 3011-3014.	3.7	26
83	Interactions of core cross-linked poly(2-oxazoline) and poly(2-oxazine) micelles with immune cells in human blood. Biomaterials, 2021, 274, 120843.	11.4	26
84	Dielectric Properties of Free-Radical Polymerizations: Molecularly Symmetrical Initiators during Thermal Decomposition. Industrial & Engineering Chemistry Research, 2010, 49, 1703-1710.	3.7	25
85	EphA3 Pay-Loaded Antibody Therapeutics for the Treatment of Glioblastoma. Cancers, 2018, 10, 519.	3.7	25
86	EphA2 as a Diagnostic Imaging Target in Glioblastoma: A Positron Emission Tomography/Magnetic Resonance Imaging Study. Molecular Imaging, 2015, 14, 7290.2015.00008.	1.4	24
87	Targeting Nanomedicines to Prostate Cancer: Evaluation of Specificity of Ligands to Two Different Receptors In Vivo. Pharmaceutical Research, 2016, 33, 2388-2399.	3.5	24
88	Engineered Polymeric Materials for Biological Applications: Overcoming Challenges of the Bioâ€“Nano Interface. Polymers, 2019, 11, 1441.	4.5	24
89	Nanoparticle based medicines: approaches for evading and manipulating the mononuclear phagocyte system and potential for clinical translation. Biomaterials Science, 2022, 10, 3029-3053.	5.4	24
90	Novel Polymeric Bioerodable Microparticles for Prolonged-Release Intrathecal Delivery of Analgesic Agents for Relief of Intractable Cancer-Related Pain. Journal of Pharmaceutical Sciences, 2015, 104, 2334-2344.	3.3	23

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91	In vivo therapeutic evaluation of polymeric nanomedicines: effect of different targeting peptides on therapeutic efficacy against breast cancer. Nanotheranostics, 2018, 2, 360-370.	5.2	23
92	Influence of Charge on Hemocompatibility and Immunoreactivity of Polymeric Nanoparticles. ACS Applied Bio Materials, 2018, 1, 756-767.	4.6	23
93	Importance of Polymer Length in Fructose-Based Polymeric Micelles for an Enhanced Biological Activity. Macromolecules, 2019, 52, 477-486.	4.8	23
94	Comparison between polyethylene glycol and zwitterionic polymers as antifouling coatings on wearable devices for selective antigen capture from biological tissue. Biointerphases, 2015, 10, 04A305.	1.6	22
95	Switchable ¹⁹F MRI polymer theranostics: towards in situ quantifiable drug release. Polymer Chemistry, 2017, 8, 5157-5166.	3.9	22
96	Targeted and modular architectural polymers employing bioorthogonal chemistry for quantitative therapeutic delivery. Chemical Science, 2020, 11, 3268-3280.	7.4	22
97	Stability of Trithiocarbonate RAFT Agents Containing Both a Cyano and a Carboxylic Acid Functional Group. ACS Macro Letters, 2017, 6, 287-291.	4.8	21
98	Modified Organosilica Coreâ€“Shell Nanoparticles for Stable pH Sensing in Biological Solutions. ACS Sensors, 2018, 3, 967-975.	7.8	21
99	New Structure Formation on Î³-irradiation of Poly(chlorotrifluoroethylene). Radiation Physics and Chemistry, 2003, 67, 729-736.	2.8	20
100	Can ionic liquid additives be used to extend the scope of poly(styrene)-block-poly(methyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td (2014, 13, 031304.	0.9	20
101	Development of enteric-coated, biphasic chitosan/HPMC microcapsules for colon-targeted delivery of anticancer drug-loaded nanoparticles. International Journal of Pharmaceutics, 2021, 607, 121026.	5.2	20
102	Fluorinated POSSâ€Star Polymers for ¹⁹F MRI. Macromolecular Chemistry and Physics, 2016, 217, 2262-2274.	2.2	19
103	Investigation of spontaneous microemulsion formation in supercritical carbon dioxide using high-pressure NMR. Journal of Supercritical Fluids, 2006, 38, 111-118.	3.2	18
104	Facile one-spot synthesis of highly branched polycaprolactone. Polymer Chemistry, 2014, 5, 2997-3008.	3.9	18
105	Bispecific Antibody-Functionalized Upconversion Nanoprobe. Analytical Chemistry, 2018, 90, 3024-3029.	6.5	18
106	Cellular Targeting of Bispecific Antibody-Functionalized Poly(ethylene glycol) Capsules: Do Shape and Size Matter?. ACS Applied Materials & Interfaces, 2019, 11, 28720-28731.	8.0	18
107	Hyperbranched Poly(2-oxazoline)s and Poly(ethylene glycol): A Structureâ€“Activity Comparison of Biodistribution. Biomacromolecules, 2020, 21, 3318-3331.	5.4	18
108	Targeted beta therapy of prostate cancer with 177Lu-labelled MiltuximabÂ® antibody against glypican-1 (GPC-1). EJNMMI Research, 2020, 10, 46.	2.5	18

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109	Determination of Domain Sizes in Blends of Poly(ethylene) and Poly(styrene) Formed in the Presence of Supercritical Carbon Dioxide. Macromolecules, 2004, 37, 6019-6026.	4.8	17
110	Polymers as Probes for Multimodal Imaging with MRI. Macromolecular Chemistry and Physics, 2012, 213, 2567-2572.	2.2	17
111	SERSâ€based detection of barcoded gold nanoparticle assemblies from within animal tissue. Journal of Raman Spectroscopy, 2013, 44, 1659-1665.	2.5	17
112	The influence of domain segregation in ionic liquids upon controlled polymerisation mechanisms: RAFT polymerisation. Polymer Chemistry, 2013, 4, 1337-1344.	3.9	17
113	Innovative Therapeutic Strategies for Effective Treatment of Brain Metastases. International Journal of Molecular Sciences, 2019, 20, 1280.	4.1	17
114	Nextâ€Generation Polymeric Nanomedicines for Oncology: Perspectives and Future Directions. Macromolecular Rapid Communications, 2020, 41, e2000319.	3.9	17
115	â€˜Isothermalâ€™ phase transitions and supramolecular architecture changes in thermoresponsive polymers via acid-labile side-chains. Polymer Chemistry, 2010, 1, 1252.	3.9	16
116	Poly(2-ethyl-2-oxazoline) bottlebrushes: How nanomaterial dimensions can influence biological interactions. European Polymer Journal, 2021, 151, 110447.	5.4	16
117	Polymeric <scp>siRNA</scp> delivery vectors: knocking down cancers with polymericâ€based gene delivery systems. Journal of Chemical Technology and Biotechnology, 2015, 90, 1196-1208.	3.2	14
118	Surface polymer imprinted optical fibre sensor for dose detection of dabrafenib. Analyst, The, 2020, 145, 4504-4511.	3.5	14
119	Direct Comparison of Poly(ethylene glycol) and Phosphorylcholine Drug-Loaded Nanoparticles In Vitro and In Vivo. Biomacromolecules, 2020, 21, 2320-2333.	5.4	14
120	Supramolecular Fluorine Magnetic Resonance Spectroscopy Probe Polymer Based on Passerini Bifunctional Monomer. ACS Macro Letters, 2019, 8, 1479-1483.	4.8	13
121	Polymer design and component selection contribute to uptake, distribution & trafficking behaviours of polyethylene glycol hyperbranched polymers in live MDA-MB-468 breast cancer cells. Biomaterials Science, 2019, 7, 4661-4674.	5.4	13
122	Understanding nanomedicine treatment in an aggressive spontaneous brain cancer model at the stage of early blood brain barrier disruption. Biomaterials, 2022, 283, 121416.	11.4	13
123	Investigation of the Therapeutic Potential of a Synergistic Delivery System through Dual Controlled Release of Camptothecinâ€“Doxorubicin. Advanced Therapeutics, 2020, 3, 1900202.	3.2	12
124	EphA2 as a Diagnostic Imaging Target in Glioblastoma: A Positron Emission Tomography/Magnetic Resonance Imaging Study. Molecular Imaging, 2015, 14, 385-99.	1.4	12
125	Biosensing made easy with PEG-targeted bi-specific antibodies. Chemical Communications, 2016, 52, 5730-5733.	4.1	11
126	Synthesis of ¹⁹F nucleic acidâ€“polymer conjugates as real-time MRI probes of biorecognition. Polymer Chemistry, 2016, 7, 2180-2191.	3.9	10

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127	Oral Delivery of Multicompartment Nanomedicines for Colorectal Cancer Therapeutics: Combining Locoâ€Regional Delivery with Cellâ€Target Specificity. Advanced Therapeutics, 2020, 3, 1900171.	3.2	10
128	Effect of Supercritical Carbon Dioxide on the Loading and Release of Model Drugs from Polyurethane Films: Comparison with Solvent Casting. Macromolecular Chemistry and Physics, 2014, 215, 54-64.	2.2	9
129	Imaging tumour distribution of a polymeric drug delivery platform in vivo by <scp>PETâ€MRI</scp>. Journal of Chemical Technology and Biotechnology, 2015, 90, 1237-1244.	3.2	9
130	RNA interference to enhance radiation therapy: Targeting the DNA damage response. Cancer Letters, 2018, 439, 14-23.	7.2	9
131	Pre-targeting of polymeric nanomaterials to balance tumour accumulation and clearance. Chemical Communications, 2022, 58, 7912-7915.	4.1	9
132	A study of the radiation chemistry of poly(chlorotrifluoroethylene) by ESR spectroscopy. Radiation Physics and Chemistry, 2003, 68, 857-864.	2.8	8
133	NMR Microscopy: A Tool for Measuring Monomer Diffusion in Supercritical CO2. Macromolecular Chemistry and Physics, 2006, 207, 1539-1545.	2.2	8
134	Preparation of Sodium-Capped Poly(lactic acid) Oligomers by Catalytic Initiation with a Sodium Î±-, Î²-, or Î³-Hydroxyacids. Macromolecules, 2010, 43, 185-192.	4.8	8
135	Dependence of Block Copolymer Domain Spacing and Morphology on the Cation Structure of Ionic Liquid Additives. Macromolecules, 2018, 51, 8979-8986.	4.8	8
136	The Impact of Polymer Size and Cleavability on the Intravenous Pharmacokinetics of PEG-Based Hyperbranched Polymers in Rats. Nanomaterials, 2020, 10, 2452.	4.1	8
137	GECO-DOSY Post-Processing Analysis of Polymers. Macromolecules, 2007, 40, 976-982.	4.8	7
138	Interfacial RAFT Miniemulsion Polymerization: Architectures from an Interface. Macromolecular Chemistry and Physics, 2015, 216, 1271-1281.	2.2	7
139	Tagged Core-Satellite Nanoassemblies: Role of Assembling Sequence on Surface-Enhanced Raman Scattering (SERS) Performance. Applied Spectroscopy, 2019, 73, 1428-1435.	2.2	7
140	Synthesis of biscarboxylic acid functionalised EDTA mimicking polymers and their ability to form Zr(<scp>iv</scp>) chelation mediated nanostructures. Polymer Chemistry, 2020, 11, 2799-2810.	3.9	7
141	Curcumin Chemoprevention Reduces the Incidence of Braf Mutant Colorectal Cancer in a Preclinical Study. Digestive Diseases and Sciences, 2021, 66, 4326-4332.	2.3	7
142	Confined microemulsion sono-polymerization of poly(ethylene glycol) nanoparticles for targeted delivery. Chemical Communications, 2022, 58, 7777-7780.	4.1	7
143	Characterization of the Biodistribution of a Silica Vesicle Nanovaccine Carrying a Rhipicephalus (Boophilus) microplus Protective Antigen With in vivo Live Animal Imaging. Frontiers in Bioengineering and Biotechnology, 2020, 8, 606652.	4.1	6
144	High-pressure real-time 129Xe NMR: monitoring of surfactant conformation during the self-assembly of reverse micelles in supercritical carbon dioxide. Chemical Communications, 2010, 46, 2850.	4.1	5

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145	Stepwise Like Supramolecular Polymerization of Plasmonic Nanoparticle Building Blocks through Complementary Interactions. Macromolecules, 2020, 53, 7469-7478.	4.8	5
146	Fluorophore Selection and Incorporation Contribute to Permeation and Distribution Behaviors of Hyperbranched Polymers in Multi-Cellular Tumor Spheroids and Xenograft Tumor Models. ACS Applied Bio Materials, 2021, 4, 2675-2685.	4.6	4
147	Clinical development of an anti-GPC-1 antibody for the treatment of cancer. Expert Opinion on Biological Therapy, 2022, , 1-11.	3.1	4
148	Template-Assisted Antibody Assembly: A Versatile Approach for Engineering Functional Antibody Nanoparticles. Chemistry of Materials, 2022, 34, 3694-3704.	6.7	4
149	In situ formation of crosslinked coreâ€“corona polymeric nanoparticles from a novel hyperbranched core. Polymer Chemistry, 2012, 3, 2807.	3.9	3
150	Spectral normalisation by error minimisation for prediction of conversion in solvent-free catalytic chain transfer polymerisations. RSC Advances, 2016, 6, 69484-69491.	3.6	3
151	Synthesis and post-polymerisation ligations of PEG-based hyperbranched polymers for RNA conjugation via reversible disulfide linkage. Macromolecular Research, 2017, 25, 599-614.	2.4	3
152	Effect of Chainâ€End Chemistries on the Efficiency of Coupling Antibodies to Polymers Using Unnatural Amino Acids. Macromolecular Rapid Communications, 2020, 41, e2000294.	3.9	3
153	Evaluation of the in vivo fate of ultrapure alginate in a BALB/c mouse model. Carbohydrate Polymers, 2021, 262, 117947.	10.2	3
154	Synthesis, characterisation and evaluation of hyperbranched N-(2-hydroxypropyl) methacrylamides for transport and delivery in pancreatic cell lines in vitro and in vivo. Biomaterials Science, 2022, 10, 2328-2344.	5.4	3
155	Investigation of a Dual siRNA/Chemotherapy Delivery System for Breast Cancer Therapy. ACS Omega, 0, , .	3.5	3
156	Development of targeted micelles and polymersomes prepared from degradable RAFT-based diblock copolymers and their potential role as nanocarriers for chemotherapeutics. Polymer Chemistry, 2022, 13, 4004-4017.	3.9	3
157	Effect of Molecular Architecture on the Performance of¹⁹F NMR Imaging Agents. ACS Symposium Series, 2011, , 459-472.	0.5	2
158	Targeted Nanomaterials: Overcoming Instability of Antibody-Nanomaterial Conjugates: Next Generation Targeted Nanomedicines Using Bispecific Antibodies (Adv. Healthcare Mater. 16/2016). Advanced Healthcare Materials, 2016, 5, 1994-1994.	7.6	2
159	Celebrating Women in the Pharmaceutical Sciences. Molecular Pharmaceutics, 2021, 18, 1487-1490.	4.6	2
160	Antibody-Based Formats to Target Glioblastoma: Overcoming Barriers to Protein Drug Delivery. Molecular Pharmaceutics, 2022, 19, 1233-1247.	4.6	2
161	SERS-barcoded colloidal gold NP assemblies as imaging agents for use in biodiagnostics. Proceedings of SPIE, 2014, , .	0.8	1
162	Preclinical Imaging of siRNA Delivery. Australian Journal of Chemistry, 2016, 69, 1073.	0.9	1

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163	Cyanine-5-Driven Behaviours of Hyperbranched Polymers Designed for Therapeutic Delivery Are Cell-Type Specific and Correlated with Polar Lipid Distribution in Membranes. Nanomaterials, 2021, 11, 1745.	4.1	1
164	The Evolving Landscape of Polymer Science and Engineering in Australia. Macromolecular Rapid Communications, 2020, 41, e2000414.	3.9	0
165	Simultaneous Dual Echo Gadolinium Enhanced MR-PET for Evaluation of PET Tracer Delivery in Altered Pathophysiology. Frontiers in Physics, 2022, 10, .	2.1	0