SÃ©bastien Perrier

List of Publications by Year
in descending order

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285 papers	18,888 citations	14655 66 h-index	15732 125 g-index
295 all docs	295 docs citations	295 times ranked	14138 citing authors

#	Article	IF	Citations
1	Aggregationâ€Induced Emission Featured Supramolecular Tubisomes for Imagingâ€Guided Drug Delivery. Angewandte Chemie, 2022, 134, .	2.0	5
2	Putting the RAFT in GRAFT: intermolecular graft exchange between bottlebrush polymers using reversible additionâ€“fragmentation chain transfer. Polymer Chemistry, 2022, 13, 479-484.	3.9	7
3	Aggregationâ€Induced Emission Featured Supramolecular Tubisomes for Imagingâ€Guided Drug Delivery. Angewandte Chemie - International Edition, 2022, 61, .	13.8	25
4	Bottlebrush copolymers for gene delivery: influence of architecture, charge density, and backbone length on transfection efficiency. Journal of Materials Chemistry B, 2022, 10, 3696-3704.	5.8	9
5	Polymeric Nanotubes as Drug Delivery Vectorsâ”€Comparison of Covalently and Supramolecularly Assembled Constructs. Biomacromolecules, 2022, 23, 2315-2328.	5.4	5
6	Evaluation of the Antimicrobial Activity in Host-Mimicking Media and In Vivo Toxicity of Antimicrobial Polymers as Functional Mimics of AMPs. ACS Applied Materials & Interfaces, 2022, 14, 32855-32868.	8.0	12
7	Polymerization-induced self-assembly via RAFT in emulsion: effect of Z-group on the nucleation step. Polymer Chemistry, 2021, 12, 122-133.	3.9	29
8	Introduction to polymerisation-induced self assembly. Polymer Chemistry, 2021, 12, 8-11.	3.9	19
9	Comparative Study of the Cellular Uptake and Intracellular Behavior of a Library of Cyclic Peptideâ€“Polymer Nanotubes with Different Self-Assembling Properties. Biomacromolecules, 2021, 22, 710-722.	5.4	9
10	Efficient Artificial Light-Harvesting System Based on Supramolecular Peptide Nanotubes in Water. Journal of the American Chemical Society, 2021, 143, 382-389.	13.7	111
11	100th Anniversary of Macromolecular Science Viewpoint: Userâ€™s Guide to Supramolecular Peptideâ€“Polymer Conjugates. ACS Macro Letters, 2021, 10, 258-271.	4.8	12
12	In situ monitoring of PISA morphologies. Polymer Chemistry, 2021, 12, 3947-3952.	3.9	26
13	Fluorinated nanotubes: synthesis and self-assembly of cyclic peptideâ€“poly(vinylidene fluoride) conjugates. Polymer Chemistry, 2021, 12, 4235-4243.	3.9	2
14	Manganese-Catalyzed Batch and Continuous Flow Cationic RAFT Polymerization Induced by Visible Light. ACS Macro Letters, 2021, 10, 570-575.	4.8	19
15	Molecular Self-Assembly and Supramolecular Chemistry of Cyclic Peptides. Chemical Reviews, 2021, 121, 13936-13995.	47.7	82
16	Characterization Across a Dispersity: Polymer Mass Spectrometry in the Second Dimension. Journal of the American Society for Mass Spectrometry, 2021, 32, 2153-2161.	2.8	5
17	Bis(trithiocarbonate) Disulfides: From Chain Transfer Agent Precursors to Iniferter Control Agents in RAFT Polymerization. Macromolecules, 2021, 54, 6649-6661.	4.8	22
18	Dual pH-Responsive Macrophage-Targeted Isoniazid Glycoparticles for Intracellular Tuberculosis Therapy. Biomacromolecules, 2021, 22, 3756-3768.	5.4	12

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19	Synthesis of Multicompositional Onionâ€like Nanoparticles via RAFT Emulsion Polymerization. Angewandte Chemie, 2021, 133, 23469.	2.0	2
20	Synthesis of Multicompositional Onionâ€like Nanoparticles via RAFT Emulsion Polymerization. Angewandte Chemie - International Edition, 2021, 60, 23281-23288.	13.8	16
21	RAFT Emulsion Polymerization for (Multi)block Copolymer Synthesis: Overcoming the Constraints of Monomer Order. Macromolecules, 2021, 54, 736-746.	4.8	36
22	Tubular supramolecular alternating copolymers fabricated by cyclic peptideâ€“polymer conjugates. Chemical Science, 2021, 12, 9096-9103.	7.4	10
23	Dose- and time-dependent tolerability and efficacy of organo-osmium complex FY26 and its tissue pharmacokinetics in hepatocarcinoma-bearing mice. Metallomics, 2021, 13, .	2.4	6
24	Cationic Bottlebrush Copolymers from Partially Hydrolyzed Poly(oxazoline)s. Macromolecules, 2021, 54, 9461-9473.	4.8	9
25	Branched and Dendritic Polymer Architectures: Functional Nanomaterials for Therapeutic Delivery. Advanced Functional Materials, 2020, 30, 1901001.	14.9	109
26	Fluorescent Supramolecular Polymersomes Based on Pillararene/Paraquat Molecular Recognition for pH-controlled Drug Release. Chinese Journal of Polymer Science (English Edition), 2020, 38, 1-8.	3.8	16
27	Controlled radical polymerization in dispersed systems for biological applications. Progress in Polymer Science, 2020, 102, 101209.	24.7	72
28	PCR-RAFT: rapid high throughput oxygen tolerant RAFT polymer synthesis in a biology laboratory. Polymer Chemistry, 2020, 11, 1230-1236.	3.9	20
29	A guide to supramolecular polymerizations. Polymer Chemistry, 2020, 11, 1083-1110.	3.9	99
30	Electron Capture Dissociation of Trithiocarbonate-Terminated Acrylamide Homo- and Copolymers: A Terminus-Directed Mechanism?. Analytical Chemistry, 2020, 92, 12852-12859.	6.5	6
31	Production of Peroxy Radicals from the Photochemical Reaction of Fatty Acids at the Airâ€“Water Interface. ACS Earth and Space Chemistry, 2020, 4, 1247-1253.	2.7	9
32	Low-Dispersity Polymers in Ab Initio Emulsion Polymerization: Improved MacroRAFT Agent Performance in Heterogeneous Media. Macromolecules, 2020, 53, 7672-7683.	4.8	29
33	The type VII secretion system protects Staphylococcus aureus against antimicrobial host fatty acids. Scientific Reports, 2020, 10, 14838.	3.3	23
34	Exploring precision polymers to fine-tune magnetic resonance imaging properties of iron oxide nanoparticles. Journal of Colloid and Interface Science, 2020, 579, 401-411.	9.4	9
35	Hierarchical Selfâ€Assembled Photoâ€Responsive Tubisomes from a Cyclic Peptideâ€Bridged Amphiphilic Block Copolymer. Angewandte Chemie, 2020, 132, 8945-8948.	2.0	9
36	Atmospheric Photosensitization: A New Pathway for Sulfate Formation. Environmental Science & Technology, 2020, 54, 3114-3120.	10.0	65

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37	Orthogonal Cationic and Radical RAFT Polymerizations to Prepare Bottlebrush Polymers. Angewandte Chemie, 2020, 132, 7270-7275.	2.0	9
38	Manganese carbonyl induced cationic reversible additionâ€“fragmentation chain transfer (C-RAFT) polymerization under visible light. Polymer Chemistry, 2020, 11, 2724-2731.	3.9	20
39	Orthogonal Cationic and Radical RAFT Polymerizations to Prepare Bottlebrush Polymers. Angewandte Chemie - International Edition, 2020, 59, 7203-7208.	13.8	40
40	Hierarchical Selfâ€Assembled Photoâ€Responsive Tubisomes from a Cyclic Peptideâ€Bridged Amphiphilic Block Copolymer. Angewandte Chemie - International Edition, 2020, 59, 8860-8863.	13.8	57
41	Heparinâ€Mimicking Sulfonated Polymer Nanoparticles via RAFT Polymerizationâ€Induced Selfâ€Assembly. Macromolecular Rapid Communications, 2019, 40, e1800314.	3.9	32
42	Well-Defined Alkyl Functional Poly(Styrene-co-Maleic Anhydride) Architectures as Pour Point and Viscosity Modifiers for Lubricating Oil. Energy & Fuels, 2019, 33, 7257-7264.	5.1	23
43	Exploitation of the Nanoreactor Concept for Efficient Synthesis of Multiblock Copolymers via MacroRAFT-Mediated Emulsion Polymerization. ACS Macro Letters, 2019, 8, 989-995.	4.8	67
44	Dual self-assembly of supramolecular peptide nanotubes to provide stabilisation in water. Nature Communications, 2019, 10, 4708.	12.8	63
45	Pyridyl Disulfide Reaction Chemistry: An Efficient Strategy toward Redox-Responsive Cyclic Peptideâ€“Polymer Conjugates. ACS Macro Letters, 2019, 8, 1347-1352.	4.8	26
46	Hyperbranched poly(ethylenimine-co-oxazoline) by thiolâ€“yne chemistry for non-viral gene delivery: investigating the role of polymer architecture. Polymer Chemistry, 2019, 10, 1202-1212.	3.9	42
47	Polydimethylsiloxane-Based Giant Glycosylated Polymersomes with Tunable Bacterial Affinity. Biomacromolecules, 2019, 20, 1297-1307.	5.4	14
48	Tuning the Structure, Stability, and Responsivity of Polymeric Arsenical Nanoparticles Using Polythiol Cross-Linkers. Macromolecules, 2019, 52, 992-1003.	4.8	13
49	Exploitation of Compartmentalization in RAFT Miniemulsion Polymerization to Increase the Degree of Livingness. Journal of Polymer Science Part A, 2019, 57, 1938-1946.	2.3	31
50	Visible light induced controlled cationic polymerization by in situ generated catalyst from manganese carbonyl. Chemical Communications, 2019, 55, 7045-7048.	4.1	23
51	Targeting intracellular, multi-drug resistant Staphylococcus aureus with guanidinium polymers by elucidating the structure-activity relationship. Biomaterials, 2019, 217, 119249.	11.4	47
52	Stimuli-responsive membrane activity of cyclic-peptideâ€“polymer conjugates. Chemical Science, 2019, 10, 5476-5483.	7.4	32
53	Shaping block copolymer micelles by supramolecular polymerization: making â€˜tubisomesâ€™. Polymer Chemistry, 2019, 10, 2616-2625.	3.9	16
54	Supramolecular switching of the self-assembly of cyclic peptideâ€“polymer conjugates via hostâ€“guest chemistry. Chemical Communications, 2019, 55, 5291-5294.	4.1	31

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55	Role of Na₂CO₃ on an AISI 330 austenitic stainless steels oxidation at 900Â°C. Materials and Corrosion - Werkstoffe Und Korrosion, 2019, 70, 1416-1425.	1.5	4
56	Nano-Engineered Multiblock Copolymer Nanoparticles via Reversible Additionâ€“Fragmentation Chain Transfer Emulsion Polymerization. Macromolecules, 2019, 52, 2965-2974.	4.8	54
57	Microscale synthesis of multiblock copolymers using ultrafast RAFT polymerisation. Polymer Chemistry, 2019, 10, 1186-1191.	3.9	25
58	A study on the preparation of alkyne functional nanoparticlesviaRAFT emulsion polymerisation. Polymer Chemistry, 2019, 10, 1452-1459.	3.9	12
59	Polymeric arsenicals as scaffolds for functional and responsive hydrogels. Journal of Materials Chemistry B, 2019, 7, 4263-4271.	5.8	4
60	Real-Time Detection of Gas-Phase Organohalogens from Aqueous Photochemistry Using Orbitrap Mass Spectrometry. ACS Earth and Space Chemistry, 2019, 3, 329-334.	2.7	15
61	Visualizing reaction and diffusion in xanthan gum aerosol particles exposed to ozone. Physical Chemistry Chemical Physics, 2019, 21, 20613-20627.	2.8	15
62	Polymerizationâ€Induced Selfâ€Assembly under Compressed CO₂: Control of Morphology Using a CO₂â€Responsive MacroRAFT Agent. Macromolecular Rapid Communications, 2019, 40, e1800335.	3.9	36
63	Sulfonated Copolymers as Heparin-Mimicking Stabilizer of Fibroblast Growth Factor: Size, Architecture, and Monomer Distribution Effects. Biomacromolecules, 2019, 20, 285-293.	5.4	13
64	Influence of Grafting Density and Distribution on Material Properties Using Well-Defined Alkyl Functional Poly(Styrene-co-Maleic Anhydride) Architectures Synthesized by RAFT. Macromolecules, 2019, 52, 1469-1478.	4.8	24
65	Imaging Proton Transport in Giant Vesicles through Cyclic Peptideâ€“Polymer Conjugate Nanotube Transmembrane Ion Channels. Macromolecular Rapid Communications, 2018, 39, e1700831.	3.9	9
66	Synthesis of Subâ€100 nm Glycosylated Nanoparticles via a One Step, Free Radical, and Surfactant Free Emulsion Polymerization. Macromolecular Rapid Communications, 2018, 39, e1800122.	3.9	4
67	Cyclic peptide-poly(HPMA) nanotubes as drug delivery vectors: InÂvitro assessment, pharmacokinetics and biodistribution. Biomaterials, 2018, 178, 570-582.	11.4	47
68	Probing the Dynamic Nature of Selfâ€Assembling Cyclic Peptideâ€“Polymer Nanotubes in Solution and in Mammalian Cells. Advanced Functional Materials, 2018, 28, 1704569.	14.9	39
69	Cyclic Peptideâ€“Polymer Nanotubes as Efficient and Highly Potent Drug Delivery Systems for Organometallic Anticancer Complexes. Biomacromolecules, 2018, 19, 239-247.	5.4	74
70	Branched poly (trimethylphosphonium ethylacrylateâ€coâ€PEGA) by RAFT: alternative to cationic polyammoniums for nucleic acid complexation. Journal of Interdisciplinary Nanomedicine, 2018, 3, 164-174.	3.6	8
71	Reverse-phase high performance liquid chromatography (RP-HPLC) as a powerful tool to characterise complex water-soluble copolymer architectures. Polymer Chemistry, 2018, 9, 5511-5520.	3.9	7
72	Australian European Selfâ€Assembly through Macromolecular Interactions II. Macromolecular Rapid Communications, 2018, 39, e1800556.	3.9	0

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73	Secondary Selfâ€Assembly of Supramolecular Nanotubes into Tubisomes and Their Activity on Cells. Angewandte Chemie, 2018, 130, 16920-16924.	2.0	9
74	Hydrogel and Organogel Formation by Hierarchical Selfâ€Assembly of Cyclic Peptides Nanotubes. Chemistry - A European Journal, 2018, 24, 19066-19074.	3.3	32
75	Secondary Selfâ€Assembly of Supramolecular Nanotubes into Tubisomes and Their Activity on Cells. Angewandte Chemie - International Edition, 2018, 57, 16678-16682.	13.8	45
76	Coupling Electron Capture Dissociation and the Modified Kendrick Mass Defect for Sequencing of a Poly(2-ethyl-2-oxazoline) Polymer. Analytical Chemistry, 2018, 90, 11710-11715.	6.5	11
77	Cationic and hydrolysable branched polymers by RAFT for complexation and controlled release of dsRNA. Polymer Chemistry, 2018, 9, 4025-4035.	3.9	29
78	Optimization of energy transfer in a polymer composite with perylene chromophores. Journal of Materials Chemistry C, 2018, 6, 7333-7342.	5.5	7
79	Systematic study of the structural parameters affecting the self-assembly of cyclic peptideâ€“poly(ethylene glycol) conjugates. Soft Matter, 2018, 14, 6320-6326.	2.7	24
80	Efficient Binding, Protection, and Self-Release of dsRNA in Soil by Linear and Star Cationic Polymers. ACS Macro Letters, 2018, 7, 909-915.	4.8	28
81	On the Use of Redox Initiation in Aqueous RAFT Polymerisation. ACS Symposium Series, 2018, , 57-79.	0.5	3
82	RAFT Emulsion Polymerization as a Platform to Generate Wellâ€Defined Biocompatible Latex Nanoparticles. Macromolecular Bioscience, 2018, 18, e1800213.	4.1	22
83	Particle-Phase Photosensitized Radical Production and Aerosol Aging. Environmental Science & Technology, 2018, 52, 7680-7688.	10.0	45
84	Investigating Cell Uptake of Guanidinium-Rich RAFT Polymers: Impact of Comonomer and Monomer Distribution. Biomacromolecules, 2018, 19, 3190-3200.	5.4	26
85	Well-defined hyperstar copolymers based on a thiolâ€“yne hyperbranched core and a poly(2-oxazoline) shell for biomedical applications. Polymer Chemistry, 2017, 8, 2041-2054.	3.9	32
86	Polymerization induced self-assembly: tuning of morphology using ionic strength and pH. Polymer Chemistry, 2017, 8, 3082-3089.	3.9	62
87	Specific and Differential Binding of N-Acetylgalactosamine Glycopolymers to the Human Macrophage Galactose Lectin and Asialoglycoprotein Receptor. Biomacromolecules, 2017, 18, 1624-1633.	5.4	32
88	Looped flow RAFT polymerization for multiblock copolymer synthesis. Polymer Chemistry, 2017, 8, 3249-3254.	3.9	45
89	Development of a Gemcitabine-Polymer Conjugate with Prolonged Cytotoxicity against a Pancreatic Cancer Cell Line. ACS Macro Letters, 2017, 6, 535-540.	4.8	24
90	Functional multisite copolymer by one-pot sequential RAFT copolymerization of styrene and maleic anhydride. Polymer Chemistry, 2017, 8, 4152-4161.	3.9	26

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91	Parallel and antiparallel cyclic <scp>d</scp>/<scp>l</scp> peptide nanotubes. Chemical Communications, 2017, 53, 6613-6616.	4.1	36
92	Interfacial photochemistry of biogenic surfactants: a major source of abiotic volatile organic compounds. Faraday Discussions, 2017, 200, 59-74.	3.2	42
93	Fluorescent Labeling and Biodistribution of Latex Nanoparticles Formed by Surfactantâ€Free RAFT Emulsion Polymerization. Macromolecular Bioscience, 2017, 17, 1600366.	4.1	26
94	Sequence Control as a Powerful Tool for Improving the Selectivity of Antimicrobial Polymers. ACS Applied Materials & Interfaces, 2017, 9, 40117-40126.	8.0	83
95	Fatty Acid Surfactant Photochemistry Results in New Particle Formation. Scientific Reports, 2017, 7, 12693.	3.3	37
96	Complex multiblock bottle-brush architectures by RAFT polymerization. Chemical Communications, 2017, 53, 11901-11904.	4.1	48
97	50th Anniversary Perspective: RAFT Polymerizationâ€”A User Guide. Macromolecules, 2017, 50, 7433-7447.	4.8	1,007
98	SuFEx â€“ a selectively triggered chemistry for fast, efficient and equimolar polymerâ€“polymer coupling reactions. Polymer Chemistry, 2017, 8, 7475-7485.	3.9	27
99	Evolution of Microphase Separation with Variations of Segments of Sequence-Controlled Multiblock Copolymers. Macromolecules, 2017, 50, 7380-7387.	4.8	44
100	Stepwise Lightâ€Induced Dual Compaction of Singleâ€Chain Nanoparticles. Macromolecular Rapid Communications, 2017, 38, 1700264.	3.9	18
101	Anionic multiblock core cross-linked star copolymers via RAFT polymerization. Polymer Chemistry, 2017, 8, 5513-5524.	3.9	35
102	pH-Responsive, Amphiphilic Coreâ€“Shell Supramolecular Polymer Brushes from Cyclic Peptideâ€“Polymer Conjugates. ACS Macro Letters, 2017, 6, 1347-1351.	4.8	46
103	Beneficial Effect of a Pre-ceramic Polymer Coating on the Protection at 900ÂÂ°C of a Commercial AISI 304 Stainless Steel. Oxidation of Metals, 2017, 88, 211-220.	2.1	12
104	Self-assembly and disassembly of stimuli responsive tadpole-like single chain nanoparticles using a switchable hydrophilic/hydrophobic boronic acid cross-linker. Polymer Chemistry, 2017, 8, 4079-4087.	3.9	34
105	Antimicrobial Polymers: Mimicking Amino Acid Functionali ty, Sequence Control and Three-dimensional Structure of Host-defen se Peptides. Current Medicinal Chemistry, 2017, 24, 2115-2140.	2.4	31
106	Peptideâ€“Polymer Conjugates: Synthetic Design Strategies. , 2017, , 1289-1303.		0
107	Influence of Block versus Random Monomer Distribution on the Cellular Uptake of Hydrophilic Copolymers. ACS Macro Letters, 2016, 5, 1416-1420.	4.8	12
108	Synthesis of polymers and nanoparticles bearing polystyrene sulfonate brushes for chemokine binding. Organic and Biomolecular Chemistry, 2016, 14, 5652-5658.	2.8	9

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109	Synthesis of mannosylated and PEGylated nanoparticles via RAFT emulsion polymerisation, and investigation of particle-lectin aggregation using turbidimetric and DLS techniques. Polymer, 2016, 106, 229-237.	3.8	25
110	Surface-initiated SET living radical polymerisation for the synthesis of silicaâ€“polymer coreâ€“shell nanoparticles. Polymer Chemistry, 2016, 7, 6075-6083.	3.9	16
111	Single addition of an allylamine monomer enables access to end-functionalized RAFT polymers for native chemical ligation. Chemical Communications, 2016, 52, 12952-12955.	4.1	15
112	Tunable Length of Cyclic Peptideâ€“Polymer Conjugate Self-Assemblies in Water. ACS Macro Letters, 2016, 5, 1119-1123.	4.8	48
113	Efficient click-addition sequence for polymerâ€“polymer couplings. Polymer Chemistry, 2016, 7, 5536-5543.	3.9	24
114	Poly(bromoethyl acrylate): A Reactive Precursor for the Synthesis of Functional RAFT Materials. Macromolecules, 2016, 49, 6203-6212.	4.8	34
115	Organosulfate Formation through the Heterogeneous Reaction of Sulfur Dioxide with Unsaturated Fatty Acids and Longâ€Chain Alkenes. Angewandte Chemie, 2016, 128, 10492-10495.	2.0	2
116	Energy transfer in pendant perylene diimide copolymers. Journal of Materials Chemistry C, 2016, 4, 8270-8275.	5.5	27
117	Mechanistic Insights on the Photosensitized Chemistry of a Fatty Acid at the Air/Water Interface. Environmental Science & Technology, 2016, 50, 11041-11048.	10.0	64
118	Organosulfate Formation through the Heterogeneous Reaction of Sulfur Dioxide with Unsaturated Fatty Acids and Longâ€Chain Alkenes. Angewandte Chemie - International Edition, 2016, 55, 10336-10339.	13.8	63
119	Study of (Cyclic Peptide)â€“Polymer Conjugate Assemblies by Smallâ€Angle Neutron Scattering. Chemistry - A European Journal, 2016, 22, 18419-18428.	3.3	16
120	Synthesis of Sequence-Controlled Multiblock Single Chain Nanoparticles by a Stepwise Foldingâ€“Chain Extensionâ€“Folding Process. Macromolecules, 2016, 49, 8933-8942.	4.8	46
121	Australian European Selfâ€Assembly through Macromolecular Interactions. Macromolecular Chemistry and Physics, 2016, 217, 2207-2208.	2.2	1
122	Cyclic peptideâ€“polymer conjugates: Graftingâ€to vs graftingâ€from. Journal of Polymer Science Part A, 2016, 54, 1003-1011.	2.3	49
123	SO₂ Uptake on Oleic Acid: A New Formation Pathway of Organosulfur Compounds in the Atmosphere. Environmental Science and Technology Letters, 2016, 3, 67-72.	8.7	56
124	Hyperbranched Polymers with High Degrees of Branching and Low Dispersity Values: Pushing the Limits of Thiolâ€“Yne Chemistry. Macromolecules, 2016, 49, 1296-1304.	4.8	69
125	The limits of precision monomer placement in chain growth polymerization. Nature Communications, 2016, 7, 10514.	12.8	141
126	Preparation of Inert Polystyrene Latex Particles as MicroRNA Delivery Vectors by Surfactant-Free RAFT Emulsion Polymerization. Biomacromolecules, 2016, 17, 965-973.	5.4	26

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127	A New Methodology for Assessing Macromolecular Click Reactions and Its Application to Amineâ€“Tertiary Isocyanate Coupling for Polymer Ligation. Journal of the American Chemical Society, 2016, 138, 4061-4068.	13.7	49
128	Reversible Addition-Fragmentation Chain Transfer Polymerization from Surfaces. Advances in Polymer Science, 2015, , 77-106.	0.8	8
129	Polymerization induced self-assembly: tuning of nano-object morphology by use of CO₂. Polymer Chemistry, 2015, 6, 2249-2254.	3.9	65
130	Selective Patterning of Gold Surfaces by Core/Shell, Semisoft Hybrid Nanoparticles. Small, 2015, 11, 482-488.	10.0	6
131	Photosensitized Production of Atmospherically Reactive Organic Compounds at the Air/Aqueous Interface. Journal of the American Chemical Society, 2015, 137, 8348-8351.	13.7	97
132	Design, synthesis and thermal behaviour of a series of well-defined clickable and triggerable sulfonate polymers. RSC Advances, 2015, 5, 66554-66562.	3.6	23
133	Well-defined colloidal crystal films from the 2D self-assembly of coreâ€“shell semi-soft nanoparticles. Polymer Chemistry, 2015, 6, 7297-7307.	3.9	8
134	Preparation of complex multiblock copolymers via aqueous RAFT polymerization at room temperature. Polymer Chemistry, 2015, 6, 4875-4886.	3.9	92
135	Silica coreâ€“polystyrene shell nanoparticle synthesis and assembly in three dimensions. Nanoscale, 2015, 7, 19036-19046.	5.6	16
136	Controlled/Living Radical Polymerization in Dispersed Systems: An Update. Chemical Reviews, 2015, 115, 9745-9800.	47.7	393
137	Effect of the amino acid composition of cyclic peptides on their self-assembly in lipid bilayers. Organic and Biomolecular Chemistry, 2015, 13, 2464-2473.	2.8	26
138	Ultrafast RAFT polymerization: multiblock copolymers within minutes. Polymer Chemistry, 2015, 6, 1502-1511.	3.9	130
139	Smart hybrid materials by conjugation of responsive polymers to biomacromolecules. Nature Materials, 2015, 14, 143-159.	27.5	512
140	Influence of water vapour on 316L oxidation at high temperature - in situ X-Ray diffraction. Annales De Chimie: Science Des Materiaux, 2015, 39, 107-114.	0.4	3
141	Influence of Lanthanum Coatings on a Model 330 Alloy (Feâ€“35Niâ€“18Crâ€“2Si) Oxidation at High Temperatures. Oxidation of Metals, 2014, 81, 127-138.	2.1	3
142	Lanthanum Effect on the Isothermal High Temperature Oxidation Behavior at 1,000ÂÂ°C of a Phosphoric Acid-Treated AISI 304 Stainless Steel. Oxidation of Metals, 2014, 81, 191-201.	2.1	5
143	Fluorescent bowl-shaped nanoparticles from â€˜clickedâ€™ porphyrinâ€“polymer conjugates. Polymer Chemistry, 2014, 5, 4016-4021.	3.9	30
144	Optimization of the RAFT polymerization conditions for the in situ formation of nano-objects via dispersion polymerization in alcoholic medium. Polymer Chemistry, 2014, 5, 6990-7003.	3.9	101

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145	Drug Conjugation to Cyclic Peptideâ€“Polymer Selfâ€Assembling Nanotubes. Chemistry - A European Journal, 2014, 20, 12745-12749.	3.3	44
146	Synthesis of Polystyrene-Based Hyperbranched Polymers by Thiolâ€“Yne Chemistry: A Detailed Investigation. Macromolecules, 2014, 47, 6697-6705.	4.8	39
147	Hierarchical Assembly of Branched Supramolecular Polymers from (Cyclic Peptide)â€“Polymer Conjugates. Biomacromolecules, 2014, 15, 4002-4011.	5.4	8
148	Photonic porous silicon as a pH sensor. Nanoscale Research Letters, 2014, 9, 420.	5.7	23
149	Temperature- and pH-Responsive Micelles with Collapsible Poly(N-isopropylacrylamide) Headgroups. Langmuir, 2014, 30, 7986-7992.	3.5	36
150	Thermal Gating in Lipid Membranes Using Thermoresponsive Cyclic Peptideâ€“Polymer Conjugates. Journal of the American Chemical Society, 2014, 136, 8018-8026.	13.7	85
151	Sequenceâ€Controlled Multiblock Copolymers via RAFT Polymerization: Modeling and Simulations. Macromolecular Theory and Simulations, 2014, 23, 331-339.	1.4	70
152	Exploitation of the Degenerative Transfer Mechanism in RAFT Polymerization for Synthesis of Polymer of High Livingness at Full Monomer Conversion. Macromolecules, 2014, 47, 639-649.	4.8	144
153	Pushing the Limit of the RAFT Process: Multiblock Copolymers by One-Pot Rapid Multiple Chain Extensions at Full Monomer Conversion. Macromolecules, 2014, 47, 3451-3460.	4.8	208
154	Tunable Selfâ€Assembly of Triazoleâ€Linked Porphyrinâ€“Polymer Conjugates. Chemistry - A European Journal, 2013, 19, 12759-12770.	3.3	38
155	Hierarchical bicontinuous porosity in metalâ€“organic frameworks templated from functional block co-oligomer micelles. Chemical Science, 2013, 4, 3573.	7.4	124
156	Effect of Oxidation with Lanthanum Solâ€“Gel Coating on the 330Cb Carburization at 900ÂÂ°C. Oxidation of Metals, 2013, 80, 467-478.	2.1	5
157	Monodisperse, Charge-Stabilized, Coreâ€“Shell Particles via Silica-Supported Reversible Additionâ€“Fragmentation Chain Transfer Polymerization for Cell Imaging. Chemistry of Materials, 2013, 25, 3522-3527.	6.7	33
158	Synthesis of silicaâ€“polymer coreâ€“shell nanoparticles by reversible additionâ€“fragmentation chain transfer polymerization. Chemical Communications, 2013, 49, 9077.	4.1	81
159	Hydroxyapatite Mineralization in the Presence of Anionic Polymers. Crystal Growth and Design, 2013, 13, 4252-4259.	3.0	40
160	Spatially Controlled Photochemical Peptide and Polymer Conjugation on Biosurfaces. Biomacromolecules, 2013, 14, 4340-4350.	5.4	46
161	Janus cyclic peptideâ€“polymer nanotubes. Nature Communications, 2013, 4, 2780.	12.8	89
162	Rapid and quantitative one-pot synthesis of sequence-controlled polymers by radical polymerization. Nature Communications, 2013, 4, 2505.	12.8	403

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