

Jean-Francois Lutz

List of Publications by Year in descending order

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200
papers

21,353
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15880

67
h-index

10679

143
g-index

233
all docs

233
docs citations

233
times ranked

14139
citing authors

#	ARTICLE	IF	CITATIONS
1	Multistep Growth "Polymerizations" Macromolecular Chemistry and Physics, 2022, 223, 2100368.	1.1	10
2	Precise Alkoxyamine Design to Enable Automated Tandem Mass Spectrometry Sequencing of Digital Poly(phosphodiester)s. Angewandte Chemie, 2021, 133, 930-939.	1.6	2
3	Precise Alkoxyamine Design to Enable Automated Tandem Mass Spectrometry Sequencing of Digital Poly(phosphodiester)s. Angewandte Chemie - International Edition, 2021, 60, 917-926.	7.2	14
4	Chemical conjugation of nucleic acid aptamers and synthetic polymers. Polymer Chemistry, 2021, 12, 3498-3509.	1.9	18
5	Synthesis and sequencing of informational poly(amino phosphodiester)s. Polymer Chemistry, 2021, 12, 5279-5282.	1.9	7
6	Desorption Electrospray Ionization (DESI) of Digital Polymers: Direct Tandem Mass Spectrometry Decoding and Imaging from Materials Surfaces. Advanced Materials Technologies, 2021, 6, 2001088.	3.0	14
7	Decoding Digital Information Stored in Polymer by Nanopore. Biophysical Journal, 2021, 120, 98a.	0.2	1
8	Chain Entropy Beats Hydrogen Bonds to Unfold and Thread Dialcohol Phosphates inside Cyanostar Macrocycles To Form [3]Pseudorotaxanes. Journal of Organic Chemistry, 2021, 86, 4532-4546.	1.7	10
9	Adsorption of phenylalanine-rich sequence-defined oligomers onto Kevlar fibers for fiber-reinforced polyolefin composite materials. Polymer, 2021, 217, 123465.	1.8	9
10	Design of Abiological Digital Poly(phosphodiester)s. Accounts of Chemical Research, 2021, 54, 1791-1800.	7.6	25
11	Large Sequence-Defined Supramolecules Obtained by the DNA-Guided Assembly of Biohybrid Poly(phosphodiester)s. Macromolecules, 2021, 54, 3423-3429.	2.2	12
12	Storing the portrait of Antoine de Lavoisier in a single macromolecule. Comptes Rendus Chimie, 2021, 24, 69-76.	0.2	10
13	Precisely Defined Aptamer-Poly(phosphodiester) Conjugates Prepared by Phosphoramidite Polymer Chemistry. ACS Macro Letters, 2021, 10, 481-485.	2.3	12
14	Molecular Bottle Brushes with Positioned Selenols: Extending the Toolbox of Oxidative Single Polymer Chain Folding with Conformation Analysis by Atomic Force Microscopy. Journal of Polymer Science, 2020, 58, 154-162.	2.0	4
15	Professor Krzysztof Matyjaszewski "A Pioneer in Polymer Science. Journal of Polymer Science, 2020, 58, 13-13.	2.0	0
16	Can Life Emerge from Synthetic Polymers?. Israel Journal of Chemistry, 2020, 60, 151-159.	1.0	16
17	Promoting carboxylate salts in the ESI source to simplify positive mode MS/MS sequencing of acid-terminated encoded polyurethanes. International Journal of Mass Spectrometry, 2020, 448, 116271.	0.7	5
18	Damage and Repair in Informational Poly(N-substituted urethane)s. Angewandte Chemie - International Edition, 2020, 59, 20390-20393.	7.2	22

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19	The Next 100 Years of Polymer Science. <i>Macromolecular Chemistry and Physics</i> , 2020, 221, 2000216.	1.1	69
20	Damage and Repair in Informational Poly(N -substituted urethane)s. <i>Angewandte Chemie</i> , 2020, 132, 20570-20573.	1.6	4
21	Aerolysin nanopores decode digital information stored in tailored macromolecular analytes. <i>Science Advances</i> , 2020, 6, .	4.7	57
22	High-Capacity Digital Polymers: Storing Images in Single Molecules. <i>Macromolecules</i> , 2020, 53, 4022-4029.	2.2	39
23	Optimal conditions for tandem mass spectrometric sequencing of information-containing nitrogen-substituted polyurethanes. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8815.	0.7	6
24	100th Anniversary of Macromolecular Science Viewpoint: Toward Artificial Life-Supporting Macromolecules. <i>ACS Macro Letters</i> , 2020, 9, 185-189.	2.3	40
25	Molecular Bottle Brushes with Positioned Selenols: Extending the Toolbox of Oxidative Single Polymer Chain Folding with Conformation Analysis by Atomic Force Microscopy. <i>Journal of Polymer Science</i> , 2020, 58, 154-162.	2.0	0
26	Selective Bond Cleavage in Informational Poly(Alkoxyamine Phosphodiester)s. <i>Macromolecular Rapid Communications</i> , 2020, 41, e2000215.	2.0	5
27	Efficient Protocol for the Synthesis of -Coded- Oligo- and Poly(-Substituted) Tj ETQq1 1 0.784314 rgBJ/Overlo	2.3	26
28	Photo-editable macromolecular information. <i>Nature Communications</i> , 2019, 10, 3774.	5.8	51
29	About the Crystallization of Abiotic Coded Matter. <i>ACS Macro Letters</i> , 2019, 8, 779-782.	2.3	15
30	Revealing Data Encrypted in Sequence-Controlled Poly(Alkoxyamine Phosphodiester)s by Combining Ion Mobility with Tandem Mass Spectrometry. <i>Analytical Chemistry</i> , 2019, 91, 7266-7272.	3.2	20
31	Programmable Thermoresponsive Micelle-Inspired Polymer Ionic Liquids as Molecular Shuttles for Anionic Payloads. <i>Macromolecules</i> , 2019, 52, 9672-9681.	2.2	13
32	Universal Soluble Polymer Supports with Precisely Controlled Loading Capacity for Sequence-Defined Oligomer Synthesis. <i>Journal of Polymer Science Part A</i> , 2019, 57, 403-410.	2.5	7
33	Homolysis of C ON bonds during MS/MS of oligo(alkoxyamine amide) protomers. <i>International Journal of Mass Spectrometry</i> , 2019, 438, 29-35.	0.7	1
34	Cleavable Binary Dyads: Simplifying Data Extraction and Increasing Storage Density in Digital Polymers. <i>Angewandte Chemie</i> , 2018, 130, 6374-6377.	1.6	14
35	Synthesis of Macromolecules Containing Phenylalanine and Aliphatic Building Blocks. <i>Macromolecular Rapid Communications</i> , 2018, 39, e1700764.	2.0	4
36	Translocation of Sequence-Controlled Synthetic Polymers through Biological Nanopores. <i>Biophysical Journal</i> , 2018, 114, 182a.	0.2	0

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37	Cleavable Binary Dyads: Simplifying Data Extraction and Increasing Storage Density in Digital Polymers. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 6266-6269.	7.2	44
38	Sequences of Sequences: Spatial Organization of Coded Matter through Layer-by-Layer Assembly of Digital Polymers. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 15817-15821.	7.2	32
39	Sequences of Sequences: Spatial Organization of Coded Matter through Layer-by-Layer Assembly of Digital Polymers. <i>Angewandte Chemie</i> , 2018, 130, 16043-16047.	1.6	11
40	Abiotic Sequence-Coded Oligomers as Efficient In Vivo Taggants for the Identification of Implanted Materials. <i>Angewandte Chemie</i> , 2018, 130, 10734-10738.	1.6	12
41	Convenient Graphical Visualization of Messages Encoded in Sequence-Defined Synthetic Polymers Using Kendrick Mass Defect Analysis of their MS/MS Data. <i>Macromolecular Chemistry and Physics</i> , 2018, 219, 1800173.	1.1	5
42	Abiotic Sequence-Coded Oligomers as Efficient In Vivo Taggants for the Identification of Implanted Materials. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 10574-10578.	7.2	48
43	Catalyst: Being a Chemist in the Anthropocene. <i>CheM</i> , 2017, 2, 155-156.	5.8	2
44	Tuning Polymer-Protein Interaction with Salt. <i>Biophysical Journal</i> , 2017, 112, 457a.	0.2	0
45	A Simple Post-Polymerization Modification Method for Controlling Side-Chain Information in Digital Polymers. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 7297-7301.	7.2	50
46	Controlling the structure of sequence-defined polyphosphodiester)s for optimal MS/MS reading of digital information. <i>Journal of Mass Spectrometry</i> , 2017, 52, 788-798.	0.7	29
47	MS/MS-Assisted Design of Sequence-Controlled Synthetic Polymers for Improved Reading of Encoded Information. <i>Journal of the American Society for Mass Spectrometry</i> , 2017, 28, 1149-1159.	1.2	36
48	Sequence-coded ATRP macroinitiators. <i>Polymer Chemistry</i> , 2017, 8, 4988-4991.	1.9	9
49	Identification-Tagging of Methacrylate-Based Intraocular Implants Using Sequence Defined Polyurethane Barcodes. <i>Advanced Functional Materials</i> , 2017, 27, 1604595.	7.8	53
50	MS-DECODER: Milliseconds Sequencing of Coded Polymers. <i>Macromolecules</i> , 2017, 50, 8290-8296.	2.2	43
51	Mass spectrometry sequencing of long digital polymers facilitated by programmed inter-byte fragmentation. <i>Nature Communications</i> , 2017, 8, 967.	5.8	96
52	2D Sequence-Coded Oligourethane Barcodes for Plastic Materials Labeling. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1700426.	2.0	43
53	Negative mode MS/MS to read digital information encoded in sequence-defined oligo(urethane)s: A mechanistic study. <i>International Journal of Mass Spectrometry</i> , 2017, 421, 271-278.	0.7	17
54	Eine einfache Methode der nachträglichen Modifizierung zur Kontrolle der Seitenketteninformation digitaler Polymere. <i>Angewandte Chemie</i> , 2017, 129, 7403-7407.	1.6	18

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55	Photocontrolled Synthesis of Abiotic Sequence-Defined Oligo(Phosphodiester)s. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1700651.	2.0	12
56	Translocation of Precision Polymers through Biological Nanopores. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1700680.	2.0	27
57	Defining the Field of Sequence-Controlled Polymers. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1700582.	2.0	164
58	Synthesis of oligoarylacetylenes with defined conjugated sequences using tailor-made soluble polymer supports. <i>Chemical Communications</i> , 2017, 53, 8312-8315.	2.2	20
59	Euro-Sequences: Toward Next-Gen Polymers. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1700747.	2.0	0
60	Chemoselective Synthesis of Uniform Sequence-Coded Polyurethanes and Their Use as Molecular Tags. <i>CheM</i> , 2016, 1, 114-126.	5.8	108
61	Model-Based Design To Push the Boundaries of Sequence Control. <i>Macromolecules</i> , 2016, 49, 9336-9344.	2.2	51
62	Tandem mass spectrometry sequencing in the negative ion mode to read binary information encoded in sequence-defined poly(alkoxyamine amide)s. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 22-28.	0.7	27
63	Coding in 2D: Using Intentional Dispersity to Enhance the Information Capacity of Sequence-Coded Polymer Barcodes. <i>Angewandte Chemie</i> , 2016, 128, 10880-10883.	1.6	18
64	Coding in 2D: Using Intentional Dispersity to Enhance the Information Capacity of Sequence-Coded Polymer Barcodes. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 10722-10725.	7.2	67
65	Orthogonal Synthesis of "Easy-to-Read" Information-Containing Polymers Using Phosphoramidite and Radical Coupling Steps. <i>Journal of the American Chemical Society</i> , 2016, 138, 9417-9420.	6.6	104
66	Orthogonal Synthesis of Xeno Nucleic Acids. <i>Chemistry - A European Journal</i> , 2016, 22, 17945-17948.	1.7	5
67	From precision polymers to complex materials and systems. <i>Nature Reviews Materials</i> , 2016, 1, .	23.3	725
68	Optimal ATRP-Made Soluble Polymer Supports for Phosphoramidite Chemistry. <i>Chemistry - A European Journal</i> , 2016, 22, 3462-3469.	1.7	9
69	MS/MS Digital Readout: Analysis of Binary Information Encoded in the Monomer Sequences of Poly(triazole amide)s. <i>Analytical Chemistry</i> , 2016, 88, 3715-3722.	3.2	50
70	Chapter 3. Synthesis of Non-natural Polymers with Controlled Primary Structures. <i>RSC Polymer Chemistry Series</i> , 2016, , 66-106.	0.1	0
71	Preparation of Information-Containing Macromolecules by Ligation of Dyad-Encoded Oligomers. <i>Chemistry - A European Journal</i> , 2015, 21, 11961-11965.	1.7	50
72	Design and synthesis of digitally encoded polymers that can be decoded and erased. <i>Nature Communications</i> , 2015, 6, 7237.	5.8	260

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73	Synthesis of Monodisperse Sequence-Defined Polymers Using Protecting-Group-Free Iterative Strategies. <i>Macromolecular Chemistry and Physics</i> , 2015, 216, 1498-1506.	1.1	85
74	Debromination of ATRP-made Wang soluble polymer supports. <i>Polymer</i> , 2015, 72, 341-347.	1.8	9
75	On the synthesis of sequence-controlled poly(vinyl benzyl amine-co-N-substituted maleimides) copolymers. <i>European Polymer Journal</i> , 2015, 62, 338-346.	2.6	22
76	MS/MS Sequencing of Digitally Encoded Poly(alkoxyamine amide)s. <i>Macromolecules</i> , 2015, 48, 4319-4328.	2.2	62
77	Coding Macromolecules: Inputting Information in Polymers Using Monomer-Based Alphabets. <i>Macromolecules</i> , 2015, 48, 4759-4767.	2.2	171
78	Synthesis of Non-Natural Sequence-Encoded Polymers Using Phosphoramidite Chemistry. <i>Journal of the American Chemical Society</i> , 2015, 137, 5629-5635.	6.6	180
79	Synthesis of Monodisperse Sequence-Coded Polymers with Chain Lengths above DP100. <i>ACS Macro Letters</i> , 2015, 4, 1077-1080.	2.3	141
80	Convergent synthesis of digitally-encoded poly(alkoxyamine amide)s. <i>Chemical Communications</i> , 2015, 51, 15677-15680.	2.2	44
81	An Introduction to Sequence-Controlled Polymers. <i>ACS Symposium Series</i> , 2014, , 1-11.	0.5	7
82	On the Interaction of Adherent Cells with Thermoresponsive Polymer Coatings. <i>Polymers</i> , 2014, 6, 1164-1177.	2.0	20
83	Some More Insights on Precisely Controlled Polymer Architectures. <i>Macromolecular Rapid Communications</i> , 2014, 35, 377-377.	2.0	4
84	Precisely Controlled Polymer Architectures. <i>Macromolecular Rapid Communications</i> , 2014, 35, 122-122.	2.0	12
85	Complex single-chain polymer topologies locked by positionable twin disulfide cyclic bridges. <i>Chemical Communications</i> , 2014, 50, 1570.	2.2	52
86	Information-containing macromolecules. <i>Nature Chemistry</i> , 2014, 6, 455-456.	6.6	189
87	Solid-Phase Synthesis as a Tool for the Preparation of Sequence-Defined Oligomers Based on Natural Amino Acids and Synthetic Building Blocks. <i>ACS Symposium Series</i> , 2014, , 103-116.	0.5	7
88	Synthesis of Sequence-Controlled Copolymers Using Time-Regulated Additions of N-Substituted Maleimides in Styrenic Radical Polymerizations. <i>ACS Symposium Series</i> , 2014, , 119-131.	0.5	5
89	Reading Polymers: Sequencing of Natural and Synthetic Macromolecules. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13010-13019.	7.2	152
90	Synthesis of Molecularly Encoded Oligomers Using a Chemoselective A + CD-Iterative Approach. <i>Macromolecular Rapid Communications</i> , 2014, 35, 141-145.	2.0	105

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91	Synthesis and Characterization of Sequence-Controlled Semicrystalline Comb Copolymers: Influence of Primary Structure on Materials Properties. <i>Macromolecules</i> , 2014, 47, 1570-1577.	2.2	41
92	Precision PEGylated Polymers Obtained by Sequence-Controlled Copolymerization and Postpolymerization Modification. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 9231-9235.	7.2	36
93	Compartmentalization of Single Polymer Chains by Stepwise Intramolecular Cross-Linking of Sequence-Controlled Macromolecules. <i>Journal of the American Chemical Society</i> , 2014, 136, 12888-12891.	6.6	92
94	Primary Structure Control of Oligomers Based on Natural and Synthetic Building Blocks. <i>ACS Macro Letters</i> , 2014, 3, 291-294.	2.3	20
95	Aperiodic Copolymers. <i>ACS Macro Letters</i> , 2014, 3, 1020-1023.	2.3	60
96	Synthesis of Well-Defined Polystyrene Rink Amide Soluble Supports and Their Use in Peptide Synthesis. <i>Macromolecular Chemistry and Physics</i> , 2014, 215, 1984-1990.	1.1	18
97	Writing on Polymer Chains. <i>Accounts of Chemical Research</i> , 2013, 46, 2696-2705.	7.6	141
98	Effects of PEG-Based Thermoresponsive Polymer Brushes on Fibroblast Spreading and Gene Expression. <i>Cellular and Molecular Bioengineering</i> , 2013, 6, 287-298.	1.0	18
99	Sequence-Controlled Polymers. <i>Science</i> , 2013, 341, 1238149.	6.0	1,097
100	Sequence-controlled polymerization using dendritic macromonomers: precise chain-positioning of bulky functional clusters. <i>Chemical Communications</i> , 2013, 49, 7280.	2.2	18
101	Microstructure Control: An Underestimated Parameter in Recent Polymer Design. <i>Macromolecular Chemistry and Physics</i> , 2013, 214, 135-142.	1.1	58
102	Synthesis of Single-Chain Sugar Arrays. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 2335-2339.	7.2	66
103	Convenient Routes to Efficiently N-PEGylated Peptides. <i>ACS Macro Letters</i> , 2013, 2, 641-644.	2.3	11
104	Influence of Strong Electron-Donor Monomers in Sequence-Controlled Polymerizations. <i>ACS Macro Letters</i> , 2012, 1, 589-592.	2.3	66
105	On the influence of the architecture of poly(ethylene glycol)-based thermoresponsive polymers on cell adhesion. <i>Biomicrofluidics</i> , 2012, 6, 024129.	1.2	30
106	Polymer-Chain Encoding: Synthesis of Highly Complex Monomer Sequence Patterns by Using Automated Protocols. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 12254-12257.	7.2	66
107	“Inverse”-synthesis of polymer bioconjugates using soluble supports. <i>Chemical Communications</i> , 2012, 48, 3887.	2.2	36
108	Precision polyelectrolytes. <i>Chemical Communications</i> , 2012, 48, 1517-1519.	2.2	35

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109	Slow science. Nature Chemistry, 2012, 4, 588-589.	6.6	23
110	Ultra-precise insertion of functional monomers in chain-growth polymerizations. Nature Communications, 2012, 3, .	5.8	171
111	Controlling Polymer Primary Structure Using CRP: Synthesis of Sequence-Controlled and Sequence-Defined Polymers. ACS Symposium Series, 2012, , 1-12.	0.5	5
112	New methods of polymer synthesis. Polymer Chemistry, 2012, 3, 1677.	1.9	13
113	Controlled folding of polystyrene single chains: design of asymmetric covalent bridges. Polymer Chemistry, 2012, 3, 1796-1802.	1.9	62
114	Polymer Science: The Next Generation. Macromolecular Rapid Communications, 2012, 33, 721-721.	2.0	3
115	Controlled Positioning of Activated Ester Moieties on Well-Defined Linear Polymer Chains. Macromolecular Rapid Communications, 2012, 33, 54-60.	2.0	50
116	Tuning the lower critical solution temperature of thermoresponsive polymers by biospecific recognition. Polymer Chemistry, 2011, 2, 1486.	1.9	41
117	Synthesis and self-assembly of amphiphilic semi-brush and dual brush block copolymers in solution and on surfaces. Polymer Chemistry, 2011, 2, 137-147.	1.9	31
118	Orthogonal modification of polymer chain-ends via sequential nitrile oxide-alkyne and azide-alkyne Huisgen cycloadditions. Polymer Chemistry, 2011, 2, 372-375.	1.9	34
119	Single-chain technology using discrete synthetic macromolecules. Nature Chemistry, 2011, 3, 917-924.	6.6	348
120	Well-Defined Uncharged Polymers with a Sharp UCST in Water and in Physiological Milieu. Macromolecules, 2011, 44, 413-415.	2.2	131
121	Controlled folding of synthetic polymer chains through the formation of positionable covalent bridges. Nature Chemistry, 2011, 3, 234-238.	6.6	243
122	Catalytic accordions. Nature, 2011, 473, 40-41.	13.7	45
123	PEGylation Improves Nanoparticle Formation and Transfection Efficiency of Messenger RNA. Pharmaceutical Research, 2011, 28, 2223-2232.	1.7	43
124	Assembly and Degradation of Low-Fouling Click-Functionalized Poly(ethylene glycol)-Based Multilayer Films and Capsules. Small, 2011, 7, 1075-1085.	5.2	55
125	Tailored Polymer Microstructures Prepared by Atom Transfer Radical Copolymerization of Styrene and <i>N</i> -substituted Maleimides. Macromolecular Rapid Communications, 2011, 32, 127-135.	2.0	130
126	Precision Macromolecular Chemistry. Macromolecular Rapid Communications, 2011, 32, 113-114.	2.0	15

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127	Thermo-switchable Materials Prepared Using the OEGMA Platform. <i>Advanced Materials</i> , 2011, 23, 2237-2243.	11.1	378
128	Precision Synthesis of Biodegradable Polymers. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 9244-9246.	7.2	91
129	Sequence-controlled polymerizations: the next Holy Grail in polymer science?. <i>Polymer Chemistry</i> , 2010, 1, 55.	1.9	389
130	Tailor-Made Soluble Polymer Supports: Synthesis of a Series of ATRP Initiators Containing Labile Wang Linkers. <i>Macromolecular Chemistry and Physics</i> , 2010, 211, 940-947.	1.1	19
131	A controlled sequence of events. <i>Nature Chemistry</i> , 2010, 2, 84-85.	6.6	137
132	Thermoresponsive PEG-Based Polymer Layers: Surface Characterization with AFM Force Measurements. <i>Langmuir</i> , 2010, 26, 3462-3467.	1.6	64
133	Smart PEGylation of Trypsin. <i>Biomacromolecules</i> , 2010, 11, 2130-2135.	2.6	67
134	Facile Synthesis of Functional Periodic Copolymers: A Step toward Polymer-Based Molecular Arrays.. <i>Macromolecules</i> , 2010, 43, 44-50.	2.2	92
135	Characterization of Tailor-Made Copolymers of Oligo(ethylene glycol) Methyl Ether Methacrylate and <i>N,N</i> -Dimethylaminoethyl Methacrylate as Nonviral Gene Transfer Agents: Influence of Macromolecular Structure on Gene Vector Particle Properties and Transfection Efficiency. <i>Biomacromolecules</i> , 2010, 11, 39-50.	2.6	61
136	Smart bioactive surfaces. <i>Soft Matter</i> , 2010, 6, 705-713.	1.2	72
137	Well-defined synthetic polymers with a protein-like gelation behavior in water. <i>Chemical Communications</i> , 2010, 46, 4517.	2.2	47
138	Monitoring cell detachment on PEG-based thermoresponsive surfaces using TIRF microscopy. <i>Soft Matter</i> , 2010, 6, 4262.	1.2	43
139	Smart Polymer Surfaces: Concepts and Applications in Biosciences. <i>Advances in Polymer Science</i> , 2010, , 1-33.	0.4	27
140	PEG-based thermogels: Applicability in physiological media. <i>Journal of Controlled Release</i> , 2009, 140, 224-229.	4.8	97
141	Tuning the Thickness of Polymer Brushes Grafted from Nonlinearly Growing Multilayer Assemblies. <i>Langmuir</i> , 2009, 25, 5949-5956.	1.6	35
142	Sequence control in polymer synthesis. <i>Chemical Society Reviews</i> , 2009, 38, 3383.	18.7	456
143	Metal-Free "Click" Chemistry: Efficient Polymer Modification via 1,3-Dipolar Cycloaddition of Nitrile Oxides and Alkynes. <i>Macromolecules</i> , 2009, 42, 5411-5413.	2.2	75
144	Liquid-Phase Synthesis of Block Copolymers Containing Sequence-Ordered Segments. <i>Journal of the American Chemical Society</i> , 2009, 131, 9195-9197.	6.6	169

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145	Fabrication of Colloidal Stable, Thermosensitive, and Biocompatible Magnetite Nanoparticles and Study of Their Reversible Agglomeration in Aqueous Milieu. <i>Chemistry of Materials</i> , 2009, 21, 1906-1914.	3.2	90
146	Design of Oligo(ethylene glycol)-Based Thermoresponsive Polymers: an Optimization Study. <i>Designed Monomers and Polymers</i> , 2009, 12, 343-353.	0.7	87
147	Thermogelation of PEG-Based Macromolecules of Controlled Architecture. <i>Macromolecules</i> , 2009, 42, 33-36.	2.2	90
148	Synthesis of Smart Materials by ATRP of Oligo(Ethylene Glycol) Methacrylates. <i>NATO Science for Peace and Security Series A: Chemistry and Biology</i> , 2009, , 37-47.	0.5	3
149	Design of Thermoresponsive Materials by ATRP of Oligo(ethylene glycol)-based (Macro)monomers. <i>ACS Symposium Series</i> , 2009, , 189-202.	0.5	26
150	PEGylated Chromatography: Efficient Bioseparation on Silica Monoliths Grafted with Smart Biocompatible Polymers. <i>ACS Applied Materials & Interfaces</i> , 2009, 1, 1869-1872.	4.0	45
151	Polymer- and Colloid-Functionalization Using a Combination Of ATRP and Click Chemistry. <i>NATO Science for Peace and Security Series A: Chemistry and Biology</i> , 2009, , 133-143.	0.5	0
152	Polymerization of oligo(ethylene glycol) (meth)acrylates: Toward new generations of smart biocompatible materials. <i>Journal of Polymer Science Part A</i> , 2008, 46, 3459-3470.	2.5	1,079
153	A "Click" Strategy for Tuning in situ the Hydrophilic/Hydrophobic Balance of AB Macrosurfactants. <i>Macromolecular Rapid Communications</i> , 2008, 29, 1161-1166.	2.0	23
154	Development of a Library of <i>N</i> -Substituted Maleimides for the Local Functionalization of Linear Polymer Chains. <i>Chemistry - A European Journal</i> , 2008, 14, 10949-10957.	1.7	118
155	Copper-Free Azide-Alkyne Cycloadditions: New Insights and Perspectives. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 2182-2184.	7.2	301
156	Controlled Cell Adhesion on PEG-Based Switchable Surfaces. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 5666-5668.	7.2	347
157	Modular chemical tools for advanced macromolecular engineering. <i>Polymer</i> , 2008, 49, 817-824.	1.8	101
158	Modern trends in polymer bioconjugates design. <i>Progress in Polymer Science</i> , 2008, 33, 1-39.	11.8	500
159	Efficient construction of therapeutics, bioconjugates, biomaterials and bioactive surfaces using azide-alkyne "click" chemistry. <i>Advanced Drug Delivery Reviews</i> , 2008, 60, 958-970.	6.6	495
160	Easy Access to Bioactive Peptide~Polymer Conjugates via RAFT. <i>Macromolecules</i> , 2008, 41, 1073-1075.	2.2	109
161	'Click' Bioconjugation of a Well-Defined Synthetic Polymer and a Protein Transduction Domain. <i>Australian Journal of Chemistry</i> , 2007, 60, 410.	0.5	70
162	About the Phase Transitions in Aqueous Solutions of Thermoresponsive Copolymers and Hydrogels Based on 2-(2-methoxyethoxy)ethyl Methacrylate and Oligo(ethylene glycol) Methacrylate. <i>Macromolecules</i> , 2007, 40, 2503-2508.	2.2	437

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