Kristian Kempe

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2460034/publications.pdf

Version: 2024-02-01

145 papers	6,630 citations	57758 44 h-index	76900 74 g-index
148 all docs	148 docs citations	148 times ranked	7691 citing authors

#	Article	IF	Citations
1	A Guideline for the Synthesis of Aminoâ€Acidâ€Functionalized Monomers and Their Polymerizations. Macromolecular Rapid Communications, 2022, 43, e2100615.	3.9	13
2	Heat-Induced Living Crystallization-Driven Self-Assembly: The Effect of Temperature and Polymer Composition on the Assembly and Disassembly of Poly(2-oxazoline) Nanorods. Macromolecules, 2022, 55, 3650-3660.	4.8	12
3	Lipidic poly(2-oxazoline)s as PEG replacement steric stabilisers for cubosomes. Journal of Colloid and Interface Science, 2022, 623, 1142-1150.	9.4	8
4	Zwitterionic Amino Acid-Derived Polyacrylates as Smart Materials Exhibiting Cellular Specificity and Therapeutic Activity. Biomacromolecules, 2022, 23, 2374-2387.	5.4	17
5	Engineering Fluorescent Gold Nanoclusters Using Xanthate-Functionalized Hydrophilic Polymers: Toward Enhanced Monodispersity and Stability. Nano Letters, 2021, 21, 476-484.	9.1	36
6	Poly(2-ethyl-2-oxazoline) bottlebrushes: How nanomaterial dimensions can influence biological interactions. European Polymer Journal, 2021, 151, 110447.	5.4	16
7	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
8	Using <scp>2â€isopropyl</scp>â€2â€oxazine to explore the effect of monomer distribution and polymer architecture on the thermoresponsive behavior of copolymers. Journal of Polymer Science, 2021, 59, 2783-2796.	3.8	7
9	Stealth nanorods via the aqueous living crystallisation-driven self-assembly of poly(2-oxazoline)s. Chemical Science, 2021, 12, 7350-7360.	7.4	35
10	Intrinsic Green Fluorescent Cross-Linked Poly(ester amide)s by Spontaneous Zwitterionic Copolymerization. Biomacromolecules, 2021, 22, 4794-4804.	5.4	6
11	Nitrile-Functionalized Poly(2-oxazoline)s as a Versatile Platform for the Development of Polymer Therapeutics. Biomacromolecules, 2021, 22, 4618-4632.	5.4	10
12	Nonionic Water-Soluble and Cytocompatible Poly(amide acrylate)s. Macromolecules, 2020, 53, 693-701.	4.8	9
13	Hyperbranched Poly(2-oxazoline)s and Poly(ethylene glycol): A Structureâ€“Activity Comparison of Biodistribution. Biomacromolecules, 2020, 21, 3318-3331.	5.4	18
14	Advances and Opportunities of Oil-in-Oil Emulsions. ACS Applied Materials & Interfaces, 2020, 12, 38845-38861.	8.0	53
15	Nextâ€Generation Polymeric Nanomedicines for Oncology: Perspectives and Future Directions. Macromolecular Rapid Communications, 2020, 41, e2000319.	3.9	17
16	Poly(2-isopropenyl-2-oxazoline) â€“ a structural analogue to poly(vinyl azlactone) with Orthogonal Reactivity. Polymer Chemistry, 2020, 11, 5681-5692.	3.9	14
17	The Evolving Landscape of Polymer Science and Engineering in Australia. Macromolecular Rapid Communications, 2020, 41, e2000414.	3.9	0
18	Cobalt-Directed Assembly of Antibodies onto Metalâ€“Phenolic Networks for Enhanced Particle Targeting. Nano Letters, 2020, 20, 2660-2666.	9.1	39

#	Article	IF	Citations
19	Dynamic Solid-State Ultrasound Contrast Agent for Monitoring pH Fluctuations In Vivo. ACS Sensors, 2020, 5, 1190-1197.	7.8	17
20	Tuning Cellular Interactions of Carboxylic Acid-Side-Chain-Containing Polyacrylates: The Role of Cyanine Dye Label and Side-Chain Type. Biomacromolecules, 2020, 21, 3007-3016.	5.4	14
21	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
22	Ultrasound-Responsive Nanoparticles for Continuous pH Sensing In Vivo. ECS Meeting Abstracts, 2020, MA2020-02, 3426-3426.	0.0	0
23	Carboxylated Cy5-Labeled Comb Polymers Passively Diffuse the Cell Membrane and Target Mitochondria. ACS Applied Materials & Interfaces, 2019, 11, 31302-31310.	8.0	34
24	A sequential native chemical ligation â€“ thiol-Michael addition strategy for polymerâ€“polymer ligation. Polymer Chemistry, 2019, 10, 5242-5250.	3.9	6
25	Poly(2-oxazoline) macromonomers as building blocks for functional and biocompatible polymer architectures. European Polymer Journal, 2019, 121, 109258.	5.4	34
26	Metal-dependent inhibition of amyloid fibril formation: synergistic effects of cobaltâ€“tannic acid networks. Nanoscale, 2019, 11, 1921-1928.	5.6	34
27	Revisiting cellâ€“particle association in vitro: A quantitative method to compare particle performance. Journal of Controlled Release, 2019, 307, 355-367.	9.9	23
28	Protein Adsorption and Coordination-Based End-Tethering of Functional Polymers on Metalâ€“Phenolic Network Films. Biomacromolecules, 2019, 20, 1421-1428.	5.4	35
29	Functional Brush Poly(2â€ethylâ€2â€oxazine)s: Synthesis by CROP and RAFT, Thermoresponsiveness and Grafting onto Iron Oxide Nanoparticles. Macromolecular Rapid Communications, 2019, 40, e1800911.	3.9	23
30	An optimised Cu(0)-RDRP approach for the synthesis of lipidated oligomeric vinyl azlactone: toward a versatile antimicrobial materials screening platform. Journal of Materials Chemistry B, 2019, 7, 6796-6809.	5.8	11
31	In Situ Characterization of Protein Corona Formation on Silica Microparticles Using Confocal Laser Scanning Microscopy Combined with Microfluidics. ACS Applied Materials & Interfaces, 2019, 11, 2459-2469.	8.0	51
32	Self-Assembling Proteinâ€“Polymer Bioconjugates for Surfaces with Antifouling Features and Low Nonspecific Binding. ACS Applied Materials & Interfaces, 2019, 11, 3599-3608.	8.0	21
33	Importance of Thermally Induced Aggregation on ¹⁹F Magnetic Resonance Imaging of Perfluoropolyether-Based Comb-Shaped Poly(2-oxazoline)s. Biomacromolecules, 2019, 20, 365-374.	5.4	36
34	Microfluidic Examination of the â€œHardâ€•Biomolecular Corona Formed on Engineered Particles in Different Biological Milieu. Biomacromolecules, 2018, 19, 2580-2594.	5.4	31
35	Human plasma proteome association and cytotoxicity of nano-graphene oxide grafted with stealth polyethylene glycol and poly(2-ethyl-2-oxazoline). Nanoscale, 2018, 10, 10863-10875.	5.6	42
36	Unraveling the Spontaneous Zwitterionic Copolymerization Mechanism of Cyclic Imino Ethers and Acrylic Acid. Macromolecules, 2018, 51, 318-327.	4.8	11

#	Article	IF	Citations
37	Functional hydrophobic and hetero-grafted block comb polymers via a combination of spontaneous zwitterionic copolymerisation and redox-initiated RAFT polymerisation. Polymer Chemistry, 2018, 9, 1562-1566.	3.9	10
38	Overcoming the Bloodâ€“Brain Barrier: The Role of Nanomaterials in Treating Neurological Diseases. Advanced Materials, 2018, 30, e1801362.	21.0	415
39	Rethinking the impact of the protonable amine density on cationic polymers for gene delivery: A comparative study of partially hydrolyzed poly(2-ethyl-2-oxazoline)s and linear poly(ethylene imine)s. European Journal of Pharmaceutics and Biopharmaceutics, 2018, 133, 112-121.	4.3	11
40	Spontaneous zwitterionic copolymerisation: An undervalued and efficacious technique for the synthesis of functional degradable oligomers and polymers. Progress in Polymer Science, 2018, 87, 228-246.	24.7	17
41	Tumor targeting with pH-responsive poly(2-oxazoline)-based nanogels for metronomic doxorubicin treatment. Oncotarget, 2018, 9, 22316-22331.	1.8	17
42	Tailoring Cellular Uptake and Fluorescence of Poly(2-oxazoline)-Based Nanogels. Bioconjugate Chemistry, 2017, 28, 1229-1235.	3.6	14
43	A traceless reversible polymeric colistin prodrug to combat multidrug-resistant (MDR) gram-negative bacteria. Journal of Controlled Release, 2017, 259, 83-91.	9.9	15
44	Engineered Hydrogen-Bonded Glycopolymer Capsules and Their Interactions with Antigen Presenting Cells. ACS Applied Materials & Interfaces, 2017, 9, 6444-6452.	8.0	15
45	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
46	Chain and Step Growth Polymerizations of Cyclic Imino Ethers: From Poly(2â€oxazoline)s to Poly(ester) Tj ETQq0 0 0 rgBT /Overlock 10	2.2	40
47	Thiol-reactive (co)polymer scaffolds comprising organic arsenical acrylamides. Chemical Communications, 2017, 53, 8447-8450.	4.1	9
48	High T g poly(ester amide)s by melt polycondensation of monomers from renewable resources; citric acid, D-glucono-Î´-lactone and amino acids: A DSC study. European Polymer Journal, 2017, 94, 11-19.	5.4	12
49	Hydrolyzable Poly[Poly(Ethylene Glycol) Methyl Ether Acrylate]â€“Colistin Prodrugs through Copper-Mediated Photoinduced Living Radical Polymerization. Bioconjugate Chemistry, 2017, 28, 1916-1924.	3.6	11
50	Comb Poly(Oligo(2â€Ethylâ€2â€Oxazoline)Methacrylate)â€Peptide Conjugates Prepared by Aqueous Cu(0)â€Mediated Polymerization and Reductive Amination. Macromolecular Rapid Communications, 2017, 38, 1600534.	3.9	22
51	Poly(2-oxazoline)-based micro- and nanoparticles: A review. European Polymer Journal, 2017, 88, 486-515.	5.4	91
52	A Hydrogelâ€Based Localized Release of Colistin for Antimicrobial Treatment of Burn Wound Infection. Macromolecular Bioscience, 2017, 17, 1600320.	4.1	51
53	Thermal study of polyester networks based on renewable monomers citric acid and gluconolactone. Polymer International, 2017, 66, 59-63.	3.1	3
54	Polyurea microcapsules from isocyanatoethyl methacrylate copolymers. Journal of Polymer Science Part A, 2016, 54, 2698-2705.	2.3	7

#	Article	IF	Citations
55	Preparation of nonâ€spherical particles from amphiphilic block copolymers. Journal of Polymer Science Part A, 2016, 54, 750-757.	2.3	21
56	Reversible Regulation of Thermoresponsive Property of Dithiomaleimide-Containing Copolymers via Sequential Thiol Exchange Reactions. ACS Macro Letters, 2016, 5, 709-713.	4.8	16
57	Controlled aqueous polymerization of acrylamides and acrylates and â€œin situâ€•depolymerization in the presence of dissolved CO₂. Chemical Communications, 2016, 52, 6533-6536.	4.1	29
58	Facile carbohydrate-mimetic modifications of poly(ethylene imine) carriers for gene delivery applications. Polymer Chemistry, 2016, 7, 5862-5872.	3.9	9
59	Metalâ€“Phenolic Supramolecular Gelation. Angewandte Chemie - International Edition, 2016, 55, 13803-13807.	13.8	147
60	Stability Enhancing N-Terminal PEGylation of Oxytocin Exploiting Different Polymer Architectures and Conjugation Approaches. Biomacromolecules, 2016, 17, 2755-2766.	5.4	13
61	Well-Defined PDMAEA Stars via Cu(0)-Mediated Reversible Deactivation Radical Polymerization. Macromolecules, 2016, 49, 8914-8924.	4.8	39
62	Metalâ€“Phenolic Supramolecular Gelation. Angewandte Chemie, 2016, 128, 14007-14011.	2.0	27
63	Synthesis of well-defined catechol polymers for surface functionalization of magnetic nanoparticles. Polymer Chemistry, 2016, 7, 7002-7010.	3.9	54
64	Facile one-pot/one-step synthesis of heterotelechelic N-acylated poly(aminoester) macromonomers for carboxylic acid decorated comb polymers. Polymer Chemistry, 2016, 7, 6703-6707.	3.9	14
65	Dual Stimuli-Responsive Comb Polymers from Modular N-Acylated Poly(aminoester)-Based Macromonomers. ACS Macro Letters, 2016, 5, 321-325.	4.8	32
66	Shape-Dependent Activation of Cytokine Secretion by Polymer Capsules in Human Monocyte-Derived Macrophages. Biomacromolecules, 2016, 17, 1205-1212.	5.4	49
67	Polymerisation of 2-acrylamido-2-methylpropane sulfonic acid sodium salt (NaAMPS) and acryloyl phosphatidylcholine (APC) via aqueous Cu(0)-mediated radical polymerisation. Polymer Chemistry, 2016, 7, 2452-2456.	3.9	23
68	Cu(0)-Mediated Living Radical Polymerization: A Versatile Tool for Materials Synthesis. Chemical Reviews, 2016, 116, 835-877.	47.7	373
69	Multifunctional Thrombinâ€Activatable Polymer Capsules for Specific Targeting to Activated Platelets. Advanced Materials, 2015, 27, 5153-5157.	21.0	73
70	Unprecedented Control over the Acrylate and Acrylamide Polymerization in Aqueous and Organic Media. ACS Symposium Series, 2015, , 29-45.	0.5	3
71	Hydrosilylation as an efficient tool for polymer synthesis and modification with methacrylates. RSC Advances, 2015, 5, 5879-5885.	3.6	18
72	Synthesis of well-defined Î±,Ï‰-telechelic multiblock copolymers in aqueous medium: in situ generation of Î±,Ï‰-diols. Polymer Chemistry, 2015, 6, 2226-2233.	3.9	54

#	Article	IF	Citations
73	Stabilization of factor VIII by poly(2â€oxazoline) hydrogels. Journal of Polymer Science Part A, 2015, 53, 10-14.	2.3	17
74	Templated polymerizations on solid supports mediated by complementary nucleoside interactions. Polymer Chemistry, 2015, 6, 1944-1951.	3.9	20
75	Photo-induced living radical polymerization of acrylates utilizing a discrete copper(<scp>ii</scp>)â€“formate complex. Chemical Communications, 2015, 51, 5626-5629.	4.1	70
76	Monoclonal Antibody-Functionalized Multilayered Particles: Targeting Cancer Cells in the Presence of Protein Coronas. ACS Nano, 2015, 9, 2876-2885.	14.6	99
77	Photoinduced Synthesis of Î±,Ï‰-Telechelic Sequence-Controlled Multiblock Copolymers. Macromolecules, 2015, 48, 1404-1411.	4.8	97
78	Surface-Confined Amorphous Films from Metal-Coordinated Simple Phenolic Ligands. Chemistry of Materials, 2015, 27, 5825-5832.	6.7	177
79	Water soluble triblock and pentablock poly(methacryloyl nucleosides) from copper-mediated living radical polymerisation using PEG macroinitiators. European Polymer Journal, 2015, 66, 444-451.	5.4	14
80	Capsosomes as Long-Term Delivery Vehicles for Protein Therapeutics. Langmuir, 2015, 31, 7776-7781.	3.5	31
81	Well-Defined Protein/Peptideâ€“Polymer Conjugates by Aqueous Cu-LRP: Synthesis and Controlled Self-Assembly. Journal of the American Chemical Society, 2015, 137, 9344-9353.	13.7	84
82	Organic Arsenicals As Efficient and Highly Specific Linkers for Protein/Peptideâ€“Polymer Conjugation. Journal of the American Chemical Society, 2015, 137, 4215-4222.	13.7	71
83	Core cross-linked nanogels based on the self-assembly of double hydrophilic poly(2-oxazoline) block copolymers. Journal of Materials Chemistry B, 2015, 3, 1748-1759.	5.8	22
84	In Situ Conjugation of Dithiophenol Maleimide Polymers and Oxytocin for Stable and Reversible Polymerâ€“Peptide Conjugates. Bioconjugate Chemistry, 2015, 26, 633-638.	3.6	47
85	Novel comb polymers from alternating N-acylated poly(aminoester)s obtained by spontaneous zwitterionic copolymerisation. Chemical Communications, 2015, 51, 16213-16216.	4.1	25
86	Enhancing the Biocompatibility and Biodegradability of Linear Poly(ethylene imine) through Controlled Oxidation. Macromolecules, 2015, 48, 7420-7427.	4.8	21
87	Investigating the Mechanism of Copper(0)-Mediated Living Radical Polymerization in Organic Media. Macromolecules, 2015, 48, 5517-5525.	4.8	50
88	Investigating the Mechanism of Copper(0)-Mediated Living Radical Polymerization in Aqueous Media. Macromolecules, 2015, 48, 6421-6432.	4.8	49
89	Covalently cross-linked poly(2-oxazoline) materials for biomedical applications â€“ from hydrogels to self-assembled and templated structures. Journal of Materials Chemistry B, 2015, 3, 526-538.	5.8	68
90	A Cationic Poly(2â€oxazoline) with High In Vitro Transfection Efficiency Identified by a Library Approach. Macromolecular Bioscience, 2015, 15, 414-425.	4.1	35

#	Article	IF	Citations
91	Tuning Particle Biodegradation through Polymerâ€“Peptide Blend Composition. Biomacromolecules, 2014, 15, 4429-4438.	5.4	8
92	Multilayered polymer capsules with switchable permeability. Polymer, 2014, 55, 6451-6459.	3.8	29
93	Dextran-graft-linear poly(ethylene imine)s for gene delivery: Importance of the linking strategy. Carbohydrate Polymers, 2014, 113, 597-606.	10.2	29
94	Synthesis and in vitro activity of platinum containing 2-oxazoline-based glycopolymers. Journal of Polymer Science Part A, 2014, 52, 2703-2714.	2.3	12
95	Emerging methods for the fabrication of polymer capsules. Advances in Colloid and Interface Science, 2014, 207, 14-31.	14.7	172
96	Amine end-functionalized poly(2-ethyl-2-oxazoline) as promising coating material for antifouling applications. Journal of Materials Chemistry B, 2014, 2, 4883-4893.	5.8	63
97	Zwitterionic poly(2-oxazoline)s as promising candidates for blood contacting applications. Polymer Chemistry, 2014, 5, 5751-5764.	3.9	37
98	Semi-automated multi-dimensional characterization of synthetic copolymers. European Polymer Journal, 2014, 60, 153-162.	5.4	2
99	Fundamental Studies of Hybrid Poly(2-(diisopropylamino)ethyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 427 Td (methacrylate)/Pol 2784-2792.	5.4	7
100	Intracellularly Degradable Hydrogenâ€Bonded Polymer Capsules. Advanced Functional Materials, 2014, 24, 6187-6194.	14.9	46
101	Matrix Supported Poly(2-oxazoline)-Based Hydrogels for DNA Catch and Release. Biomacromolecules, 2014, 15, 1970-1978.	5.4	31
102	Coordination-Driven Multistep Assembly of Metalâ€“Polyphenol Films and Capsules. Chemistry of Materials, 2014, 26, 1645-1653.	6.7	303
103	Linear Poly(ethylene imine)-Based Hydrogels for Effective Binding and Release of DNA. Biomacromolecules, 2014, 15, 1124-1131.	5.4	29
104	Comparison of ESI, APCI and MALDI for the (tandem) mass analysis of poly(2-ethyl-2-oxazoline)s with various end-groups. European Polymer Journal, 2013, 49, 2172-2185.	5.4	16
105	Poly(2-oxazoline) Hydrogels for Controlled Fibroblast Attachment. Biomacromolecules, 2013, 14, 2724-2732.	5.4	86
106	Parallel High-Throughput Screening of Polymer Vectors for Nonviral Gene Delivery: Evaluation of Structureâ€“Property Relationships of Transfection. ACS Combinatorial Science, 2013, 15, 475-482.	3.8	31
107	A systematic investigation of the effect of side chain branching on the glass transition temperature and mechanical properties of aliphatic (co-)poly(2-oxazoline)s. Polymer, 2013, 54, 2036-2042.	3.8	20
108	Poly(2-oxazoline) functionalized surfaces: from modification to application. Chemical Society Reviews, 2013, 42, 7998.	38.1	128

#	Article	IF	Citations
109	In vitro hemocompatibility and cytotoxicity study of poly(2â€•methylâ€2â€•oxazoline) for biomedical applications. Journal of Polymer Science Part A, 2013, 51, 1816-1821.	2.3	67
110	pH degradable dendron-functionalized poly(2-ethyl-2-oxazoline) prepared by a cascade â€œdouble-clickâ€• reaction. Polymer Chemistry, 2013, 4, 3236.	3.9	28
111	Tuning the morphology of triblock terpoly(2-oxazoline)s containing a 2-phenyl-2-oxazoline block with varying fluorine content. Soft Matter, 2013, 9, 5966.	2.7	24
112	Clickable Poly(2-oxazoline) Architectures for the Fabrication of Low-Fouling Polymer Capsules. ACS Macro Letters, 2013, 2, 1069-1072.	4.8	45
113	A strong cationic BrÃ¸nsted acid, [H(OEt2)2][Al{OC(CF3)3}4], as an efficient initiator for the cationic ring-opening polymerization of 2-alkyl-2-oxazolines. Polymer Chemistry, 2013, 4, 495-505.	3.9	19
114	Immersive Polymer Assembly on Immobilized Particles for Automated Capsule Preparation. Advanced Materials, 2013, 25, 6874-6878.	21.0	56
115	Cationic poly(2-oxazoline) hydrogels for reversible DNA binding. Soft Matter, 2013, 9, 4693.	2.7	48
116	Strongly Phase-Segregating Block Copolymers with Sub-20 nm Features. ACS Macro Letters, 2013, 2, 677-682.	4.8	25
117	Molar mass, chemical-composition, and functionality-type distributions of poly(2-oxazoline)s revealed by a variety of separation techniques. Journal of Chromatography A, 2012, 1265, 123-132.	3.7	7
118	Self-assembly of chiral block and gradient copolymers. Soft Matter, 2012, 8, 165-172.	2.7	31
119	â€œClickingâ€•on/with polymers: a rapidly expanding field for the straightforward preparation of novel macromolecular architectures. Chemical Society Reviews, 2012, 41, 176-191.	38.1	332
120	Starâ€Shaped Block Copolymers by Copperâ€Catalyzed Azideâ€Alkyne Cycloaddition for Potential Drug Delivery Applications. Macromolecular Chemistry and Physics, 2012, 213, 2146-2156.	2.2	13
121	Poly(2â€•oxazoline) Hydrogel Monoliths via Thiolâ€ene Coupling. Macromolecular Rapid Communications, 2012, 33, 1695-1700.	3.9	75
122	Sideâ€Chain Modification and â€œGrafting Ontoâ€•via Olefin Crossâ€Metathesis. Macromolecular Rapid Communications, 2012, 33, 2023-2028.	3.9	20
123	Toward the design of LPEI containing block copolymers: Improved synthesis protocol, selective hydrolysis, and detailed characterization. Journal of Polymer Science Part A, 2012, 50, 4516-4523.	2.3	15
124	2-Isopropenyl-2-oxazoline: A Versatile Monomer for Functionalization of Polymers Obtained via RAFT. Macromolecules, 2012, 45, 20-27.	4.8	61
125	Poly(2â€•ethylâ€2â€•oxazoline) as Alternative for the Stealth Polymer Poly(ethylene glycol): Comparison of in vitro Cytotoxicity and Hemocompatibility. Macromolecular Bioscience, 2012, 12, 986-998.	4.1	243
126	Tandem mass spectrometry of poly(ethylene imine)s by electrospray ionization (ESI) and matrixâ€assisted laser desorption/ionization (MALDI). Journal of Mass Spectrometry, 2012, 47, 105-114.	1.6	27

#	Article	IF	Citations
127	Responsive Glyco-poly(2-oxazoline)s: Synthesis, Cloud Point Tuning, and Lectin Binding. Biomacromolecules, 2011, 12, 2591-2600.	5.4	48
128	Poly(2-oxazoline) glycopolymers with tunable LCST behavior. Polymer Chemistry, 2011, 2, 1737.	3.9	70
129	Three-Fold Metal-Free Efficient (â€œClickâ€) Reactions onto a Multifunctional Poly(2-oxazoline) Designer Scaffold. Macromolecules, 2011, 44, 6424-6432.	4.8	94
130	One-pot synthesis of cyclopentadienyl endcapped poly(2-ethyl-2-oxazoline) and subsequent ambient temperature Dielsâ€“Alder conjugations. Chemical Communications, 2011, 47, 10620.	4.1	30
131	Microwave-Assisted Polymerizations: Recent Status and Future Perspectives. Macromolecules, 2011, 44, 5825-5842.	4.8	151
132	Characterization of poly(2-oxazoline) homo- and copolymers by liquid chromatography at critical conditions. Journal of Chromatography A, 2011, 1218, 8370-8378.	3.7	30
133	Analysis of different synthetic homopolymers by the use of a new calculation software for tandem mass spectra. Rapid Communications in Mass Spectrometry, 2011, 25, 1765-1778.	1.5	13
134	Linear Polyethyleneimine: Optimized Synthesis and Characterization â€“ On the Way to â€œPharmagradeâ€• Batches. Macromolecular Chemistry and Physics, 2011, 212, 1918-1924.	2.2	44
135	A Green Approach for the Synthesis and Thiolâ€•ene Modification of Alkene Functio1489lized Poly(2â€•oxazoline)s. Macromolecular Rapid Communications, 2011, 32, 1484-1489.	3.9	51
136	ESIâ€MS & MS/MS Analysis of Poly(2â€•oxazoline)s with Different Side Groups. Macromolecular Chemistry and Physics, 2010, 211, 2312-2322.	2.2	16
137	Multifunctional Poly(2â€•oxazoline) Nanoparticles for Biological Applications. Macromolecular Rapid Communications, 2010, 31, 1869-1873.	3.9	67
138	Design of new amphiphilic triblock copoly(2â€•oxazoline)s containing a fluorinated segment. Journal of Polymer Science Part A, 2010, 48, 5100-5108.	2.3	26
139	Characterization of different poly(2â€•oxazoline) block copolymers by MALDIâ€TOF MS/MS and ESIâ€Qâ€TOF MS/MS. Journal of Polymer Science Part A, 2010, 48, 5533-5540.	2.3	31
140	Rational Design of an Amorphous Poly(2-oxazoline) with a Low Glass-Transition Temperature: Monomer Synthesis, Copolymerization, and Properties. Macromolecules, 2010, 43, 4098-4104.	4.8	52
141	Discovering new block terpolymer micellar morphologies. Chemical Communications, 2010, 46, 6455.	4.1	42
142	Synthesis and characterization of a series of diverse poly(2â€•oxazoline)s. Journal of Polymer Science Part A, 2009, 47, 3829-3838.	2.3	62
143	Screening the Synthesis of 2-Substituted-2-oxazolines. ACS Combinatorial Science, 2009, 11, 274-280.	3.3	57
144	Diethyl 2,2â€²-(ethylenediimino)di(cyclopentenecarboxylate). Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o4095-o4095.	0.2	0

#	Article	IF	Citations
145	Zinc Thiolate Complexes [ZnLn(SR)]+ with Azamacrocyclic Ligands, Part II: Mechanism of the Reaction with CS2. European Journal of Inorganic Chemistry, 2006, 2006, 2783-2791.	2.0	8