

# Ulrich S Schubert

## List of Articles by Year in descending order

Source: [//exaly.com/author-pdf/9564575/publications.pdf](https://exaly.com/author-pdf/9564575/publications.pdf)

Version: 2025-02-01

1,333

PR articles

68,094

PR citations

891

110

PR h-index

580

256

g-index

1484

documents

84330

doc citations

685

125

h-index

74451

citing authors

#	ARTICLE	IF	CITATIONS
1	Glyoxylicâ€Acetalâ€Based Gelâ€Polymer Electrolytes for Lithiumâ€Ion Batteries. Batteries and Supercaps, 2025, 8, .	4.3	4
2	Heat generation from swirl-stabilized aluminum-air flames. Fuel, 2025, 381, 133494.	7.4	3
3	Cyclooctyne Endâ€Functionalized Poly(morpholineâ€2,5â€dione)s. Macromolecular Rapid Communications, 2025, 46, .	4.1	1
4	Dual orthogonal metal-complexes and their utilization for the versatile fabrication of smart interpenetrating polymer networks. Polymer Chemistry, 2025, 16, 492-502.	3.9	1
5	3Dâ€Printable Polymer Filters for the Selective Complexation of Silver Ions. Journal of Applied Polymer Science, 2025, 142, .	2.7	1
6	Deciphering Polymer Interactions in Bioconjugates with Different Architectures by Structural Analysis via Timeâ€Resolved Limited Proteolysis Mass Spectrometry. Angewandte Chemie - International Edition, 2025, 64, .	14.4	1
7	Demonstration of the co-generation of heat and hydrogen by high-temperature oxidation of aluminum in steam. International Journal of Hydrogen Energy, 2025, 102, 1140-1142.	9.0	4
8	Selfâ€Healing Behavior of Metallopolymers in Complex 3Dâ€Structures Obtained by DLPâ€Based 3Dâ€Printing. Chemistry - A European Journal, 2025, 31, .	3.4	0
9	Automated Investigation of Metalâ€Ligand Interactions by a Newly Established Robotic Workflow for Titrations. ChemPlusChem, 2025, 90, .	2.6	1
10	Photoresponsive cryogels based on poly(2-oxazoline)s. European Polymer Journal, 2025, 229, 113845.	5.9	4
11	Amphiphilic block copolymer conjugated with cell-penetrating-peptides derived from Influenza A H1N1 virus as a biocompatible scaffold for enhanced cell-uptake. European Polymer Journal, 2025, 229, 113876.	5.9	1
12	Tailoring cationic poly(2-oxazoline)s: Minimizing toxicity and immunogenic response for biological applications. Materials Today Chemistry, 2025, 44, 102549.	3.7	1
13	Prospective life cycle assessment of organic redox flow batteries. , 2025, 1, 468-481.		2
14	Poly(2â€ethylâ€2â€oxazoline) (POx) as Poly(ethylene glycol) (PEG)â€Lipid Substitute for Lipid Nanoparticle Formulations. Small, 2025, 21, .	11.5	20
15	Pyridinium-Benzoxazole-Based Anode Material for Sustainable All-Organic Polymer-Based Batteries. ACS Applied Energy Materials, 2025, 8, 4220-4230.	5.4	1
16	Photopolymerized gel polymer electrolytes with cyclic carbonate side chains for Li-organic batteries at room temperature. Journal of Power Sources Advances, 2025, 33, 100176.	4.4	1
17	Pyrazineâ€Functionalized Ru(II)â€Complexes as Visibleâ€Light Activated Photobases. Chemistry - A European Journal, 2025, 31, .	3.4	1
18	Adjustment of physical properties and pH-responsive behavior of cryogels based on two- and three-armed poly(2-oxazoline) cross-linkers with functional side chains. European Polymer Journal, 2025, 235, 114031.	5.9	1

#	ARTICLE	IF	CITATIONS
19	Effect of Ultraviolet Light on the Shear Bond Strength of Commercial Dental Adhesives. <i>Materials</i> , 2025, 18, 3772.	2.9	0
20	Enhancing the performance and stability of perovskite solar cells using liquid crystal additive. <i>Materials Today Communications</i> , 2025, 48, 113576.	2.2	0
21	All-Organic Battery Based on Deep Eutectic Solvent and Redox-Active Polymers**. <i>ChemSusChem</i> , 2024, 17, .	6.2	9
22	How introduction of hydrolyzable moieties in POx influences particle formation – a library approach based on block copolymers comprising polyesters. <i>RSC Applied Polymers</i> , 2024, 2, 184-195.	3.7	3
23	Photobasic transition-metal complexes. <i>Coordination Chemistry Reviews</i> , 2024, 498, 215441.	23.1	6
24	Optimization of Mixed Micelles Based on Oppositely Charged Block Copolymers by Machine Learning for Application in Gene Delivery. <i>Small</i> , 2024, 20, .	11.5	18
25	Application of Digital Methods in Polymer Science and Engineering. <i>Advanced Functional Materials</i> , 2024, 34, .	17.0	19
26	Beyond lithium-ion batteries: Recent developments in polymer-based electrolytes for alternative metal-ion-batteries. <i>Energy Storage Materials</i> , 2024, 65, 103063.	18.1	27
27	Development of Novel Redox-Active Organic Materials Based on Benzimidazole, Benzoxazole, and Benzothiazole: A Combined Theoretical and Experimental Screening Approach. <i>Chemistry - A European Journal</i> , 2024, 30, .	3.4	6
28	The chemistry of the s- and p-block elements with 2,2':6''',2''':6'''-terpyridine ligands. <i>Inorganic Chemistry Frontiers</i> , 2024, 11, 342-399.	6.3	14
29	Beyond steady-state conditions: Chronoamperometric state-of-charge and state-of-health measurements in flow battery electrolytes. <i>Sensors and Actuators B: Chemical</i> , 2024, 403, 135101.	7.6	5
30	Aging of quinoxaline-based polymer solar cells under UV-free white light. <i>Sustainable Energy and Fuels</i> , 2024, 8, 535-545.	3.9	3
31	PEtOxylated polyesteramide nanoparticles for the delivery of anti-inflammatory drugs. <i>Materials Today Chemistry</i> , 2024, 35, 101848.	3.7	5
32	Luminescent Platinum(II) Complexes with a Tridentate Caffeine-Based NHC-Pincer Ligand: Synthesis, Electrochemistry and Photophysics. <i>European Journal of Inorganic Chemistry</i> , 2024, 27, .	1.8	5
33	Dual-Use Self-Assembled Monolayer Controlling Charge Carrier Extraction in Organic Solar Cells. <i>Small Methods</i> , 2024, 8, .	9.0	10
34	Development of a multi-step screening procedure for redox active molecules in organic radical polymer anodes and as redox flow anolytes. <i>Journal of Computational Chemistry</i> , 2024, 45, 1112-1129.	4.8	7
35	Evaluation of in situ thermal stability assessment for flow batteries and deeper investigation of the ferrocene co-polymer. <i>Journal of Materials Chemistry A</i> , 2024, 12, 4806-4825.	9.3	5
36	Determination of <sup>13</sup> C-end functionalities in tailored poly(2-alkyl-2-oxazoline)s by liquid chromatography and mass spectrometry. <i>Royal Society Open Science</i> , 2024, 11, .	2.4	3

#	ARTICLE	IF	CITATIONS
37	Exploiting Orthogonal C–C Cross-Coupling Reactions for Chemistry-on-the-Complex: Modular Assembly of 2,6-Di(quinolin-8-yl)pyridine Ruthenium(II) Photosensitizer Triads. <i>Inorganic Chemistry</i> , 2024, 63, 4053-4062.	4.6	2
38	The Effect of Stereocomplexation and Crystallinity on the Degradation of Polylactide Nanoparticles. <i>Nanomaterials</i> , 2024, 14, 440.	4.0	3
39	Bioorthogonal $\alpha$ -Click-Cycloadditions: A Toolkit for Modulating Polymers and Nanostructures in Living Systems. <i>Reactions</i> , 2024, 5, 231-245.	2.1	9
40	Amino-Acid-Derived Anionic Polyacrylamides with Tailored Hydrophobicity—Physicochemical Properties and Cellular Interactions. <i>ACS Polymers Au</i> , 2024, 4, 222-234.	5.9	12
41	Cryogels Based on Poly(2-oxazoline)s through Development of Bi- and Trifunctional Cross-Linkers Incorporating End Groups with Adjustable Stability. <i>Macromolecules</i> , 2024, 57, 2915-2927.	5.0	3
42	An Iridium Complex as Bidentate Halogen Bond-Based Anion Receptor Featuring an Increased Optical Response. <i>ChemistryOpen</i> , 2024, 13, .	2.6	1
43	Low-Pressure Preparative Size-Exclusion Chromatography: from Narrow Disperse Polymer to Monodisperse Oligomer Batches. <i>Macromolecules</i> , 2024, 57, 6090-6099.	5.0	6
44	Protocol for creating representations of molecular structures using a polymer-specific decoder. <i>STAR Protocols</i> , 2024, 5, 103055.	1.1	0
45	Biophysical investigation of liposome systems decorated with bioconjugated copolymers in the presence of amantadine. <i>Journal of Materials Chemistry B</i> , 2024, 12, 5823-5837.	5.5	2
46	Investigation of the cooperative-effects of Lewis- and Brønsted acids in homogeneously catalyzed OME fuel synthesis by inline-NMR monitoring. <i>RSC Advances</i> , 2024, 14, 14942-14948.	4.4	1
47	Investigation of selective metal-complexation in terpyridine and phenanthroline based polymeric systems. <i>Polymer</i> , 2024, 307, 127258.	4.1	0
48	Advancements and Challenges in the Synthesis of Oxymethylene Ethers (OMEs) as Sustainable Transportation Fuels. <i>Chemistry - A European Journal</i> , 2024, 30, .	3.4	3
49	Surface functionalized cryogels—characterization methods, recent progress in preparation and application. <i>Materials Horizons</i> , 2024, 11, 4600-4637.	10.2	10
50	Flexible Hydrogel Electrolytes for Organic Batteries with High Cyclability. <i>Journal of Physical Chemistry C</i> , 2024, 128, 11465-11476.	3.1	7
51	Automated screening of precipitation polymerizations and evaluation using image recognition for divinylbenzene and methacrylic acid. <i>Journal of Applied Polymer Science</i> , 2024, 141, .	2.7	0
52	Recent developments in synthetic approaches for macromolecular prodrugs. <i>Progress in Polymer Science</i> , 2024, 155, 101855.	25.1	6
53	Polyoxazolines with Cholesterol Lipid Anchor for Fast Intracellular Delivery. <i>Macromolecular Bioscience</i> , 2024, 24, .	4.0	3
54	Unveiling the power of liquid chromatography in examining a library of degradable poly(2-oxazoline)s in nanomedicine applications. <i>Journal of Materials Chemistry B</i> , 2024, 12, 11926-11938.	5.5	2

#	ARTICLE	IF	CITATIONS
55	Hyperbranched TEMPO-based polymers as catholytes for redox flow battery applications. RSC Advances, 2024, 14, 32893-32910.	4.4	3
56	Correlating the 3D Morphology of Polymer-Based Battery Electrodes with Effective Transport Properties. ACS Applied Materials & Interfaces, 2024, 16, 66571-66583.	8.0	2
57	From Molecular to Polymeric Donors: Prolonged Charge Separation in Modular Photoredox-Active Ru(II) Polypyridyl-Type Triads. Inorganic Chemistry, 2024, 63, 23233-23247.	4.6	2
58	Chloride Ion-Containing Polymeric Ionic Liquids for Application as Electrolytes in Solid-State Batteries. Macromolecular Chemistry and Physics, 2023, 224, .	2.4	7
59	All-Aqueous, Surfactant-Free, and pH-Driven Nanoformulation Methods of Dual-Responsive Polymer Nanoparticles and their Potential use as Nanocarriers of pH-Sensitive Drugs. Macromolecular Bioscience, 2023, 23, .	4.0	3
60	Targeted Drug Delivery: Synthesis of Smart Nanocarriers for School Chemistry Education. Journal of Chemical Education, 2023, 100, 751-759.	2.8	12
61	Demonstrating the Use of a Fungal Synthesized Quinone in a Redox Flow Battery. Batteries and Supercaps, 2023, 6, .	4.3	11
62	Anion exchange membranes with high power density and energy efficiency for aqueous organic redox flow batteries. Electrochimica Acta, 2023, 438, 141565.	5.3	10
63	From static to active photoluminescence tuning: functional spacer materials for plasmon-fluorophore interaction. Journal of Materials Chemistry C, 2023, 11, 1610-1647.	5.1	8
64	High-capacity semi-organic polymer batteries: From monomer to battery in an all-aqueous process. Journal of Power Sources, 2023, 556, 232293.	7.9	11
65	Coordination of Noble Metals in Poly(vinyl mercaptoethanol) Particles Prepared by Precipitation/Emulsion Polymerization. Macromolecular Chemistry and Physics, 2023, 224, .	2.4	2
66	State and Prospects of Unbalanced, Compositionally Symmetric Flow Battery Cycling and Steady-State Amperometry Techniques for Electrolyte Stability Assessment: The Case of Methyl Viologen. ACS Applied Energy Materials, 2023, 6, 302-316.	5.4	11
67	Organocatalyzed Ring-Opening Polymerization of (S)-Benzylmorpholine-2,5-dione. Macromolecular Rapid Communications, 2023, 44, .	4.1	7
68	One-Pot Synthesis of Miktoarm Star Polymers Based on Orthogonal Metal-Ligand Interactions. ACS Applied Polymer Materials, 2023, 5, 1354-1363.	4.6	8
69	Additive-Free Organic Radical Batteries Prepared through Electrochemical Polymerization of TEMPO-Decorated Terthiophene. Journal of Physical Chemistry C, 2023, 127, 1333-1344.	3.1	6
70	Hollow porous silicon nanospheres with 3D SiC@C coating as high-performance anodes. Materials and Design, 2023, 226, 111624.	6.9	18
71	Thermo-responsive polymer catalysts for polyester recycling processes: switching from homogeneous catalysis to heterogeneous separations. Polymer Chemistry, 2023, 14, 1893-1904.	3.9	9
72	Nanodiamonds as Charge Extraction Layer in Organic Solar Cells: The Impact of the Nanodiamond Surface Chemistry. Solar Rrl, 2023, 7, .	4.6	10

#	ARTICLE	IF	CITATIONS
73	Chameleon Multienvironment Nanoreactors. <i>ACS Applied Materials &amp; Interfaces</i> , 2023, 15, 20166-20174.	8.0	1
74	Diglyme-based gel polymer electrolytes for K-ion capacitors. <i>Energy Storage Materials</i> , 2023, 56, 342-350.	18.1	16
75	Dimethylsulfoniopropionate decorated cryogels as synthetic spatially structured habitats of marine bacterial communities. <i>Materials Horizons</i> , 2023, 10, 2412-2416.	10.2	5
76	Oxymethylene Ether (OME) Fuel Catalyst Screening Using In Situ NMR Spectroscopy. <i>Chemistry - A European Journal</i> , 2023, 29, .	3.4	5
77	Organic Redox Targeting Flow Battery Utilizing a Hydrophilic Polymer and Its In-Operando Characterization via State-of-Charge Monitoring of The Redox Mediator. <i>ChemSusChem</i> , 2023, 16, .	6.2	12
78	Near-frictionless ion transport within triazine framework membranes. <i>Nature</i> , 2023, 617, 299-305.	37.9	303
79	Influence of structural modifications on the alkali ion storage properties of carbon black in hybrid ion capacitor negative electrodes. <i>Sustainable Energy and Fuels</i> , 2023, 7, 3871-3882.	3.9	3
80	Evaluation of reproducible cryogel preparation based on automated image analysis using deep learning. <i>Journal of Biomedical Materials Research - Part A</i> , 2023, 111, 1734-1749.	4.2	11
81	Fingerprint applicable for machine learning tested on LCST behavior of polymers. <i>Cell Reports Physical Science</i> , 2023, 4, 101553.	4.9	5
82	Modification of Branched Poly(ethylene imine) with D-Fructose for Selective Delivery of siRNA into Human Breast Cancer Cells. <i>Macromolecular Bioscience</i> , 2023, 23, .	4.0	3
83	Towards Incorporation in Larger Architectures: A Polymeric Halogen Bond-Based Iridium Sensor. <i>Macromolecular Chemistry and Physics</i> , 2023, 224, .	2.4	0
84	Electronic and Photochemical Passivation by a Classic Sunscreen Material Leading to Reduced Voc Losses and Enhanced Stability in Organic Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2023, 15, 45146-45157.	8.0	8
85	Self-Assembly of Core-Shell Hybrid Nanoparticles by Directional Crystallization of Grafted Polymers. <i>ACS Nano</i> , 2023, 17, 21216-21226.	15.3	10
86	Hydrophilic cryogels as potential 3D cell culture materials: Synthesis and characterization of 2-(methacrylamido) glucopyranose-based polymer scaffolds. <i>Journal of Polymer Science</i> , 2023, 61, 3039-3054.	3.9	5
87	Best practice for sampling in automated parallel synthesizers. <i>Digital Discovery</i> , 2023, 2, 1883-1893.	4.5	3
88	Percolation investigation of organic radical battery electrodes and its crucial impact on capacity utilization. <i>Chemical Engineering Journal</i> , 2023, 477, 146882.	12.0	4
89	Systematic copolymer screening for foaming experiments supported by computational methods. <i>Journal of Materials Chemistry A</i> , 2023, 11, 26183-26192.	9.3	6
90	Amphiphilic Poly(2-oxazoline)s with Glycine-Containing Hydrophobic Blocks Tailored for Panobinostat- and Imatinib-Loaded Micelles. <i>Biomacromolecules</i> , 2023, 24, 5915-5925.	5.1	6

#	ARTICLE	IF	CITATIONS
91	Bile Is a Selective Elevator for Mucosal Mechanics and Transport. <i>Molecular Pharmaceutics</i> , 2023, 20, 6151-6161.	4.2	5
92	Low-cost inkjet printing of thin-film mullite structures. <i>International Journal of Applied Glass Science</i> , 2022, 13, 135-142.	2.3	5
93	Controlling Metal Halide Perovskite Crystal Growth via Microcontact Printed Hydrophobic-Hydrophilic Templates. <i>Crystal Research and Technology</i> , 2022, 57, .	1.7	4
94	Redox-active polymers: The magic key towards energy storage – a polymer design guideline progress in polymer science. <i>Progress in Polymer Science</i> , 2022, 125, 101474.	25.1	96
95	Chitosan-based inks for 3D printing and bioprinting. <i>Green Chemistry</i> , 2022, 24, 62-101.	9.1	158
96	Miniemulsion polymerization at low temperature: A strategy for one-pot encapsulation of hydrophobic anti-inflammatory drugs into polyester-containing nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2022, 612, 628-638.	9.9	6
97	A low-cost amperometric sensor for the combined state-of-charge, capacity, and state-of-health monitoring of redox flow battery electrolytes. <i>Energy Conversion and Management: X</i> , 2022, 14, 100188.	1.5	4
98	All-Organic Redox Targeting with a Single Redox Moiety: Combining Organic Radical Batteries and Organic Redox Flow Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 6638-6648.	8.0	41
99	Fully Automated Multi-Step Synthesis of Block Copolymers. <i>Polymers</i> , 2022, 14, 292.	4.5	13
100	Drug delivery of 6-bromoindirubin-3- $\beta$ -D-galactopyranoside-glycerol-oxime ether employing poly(D,L-lactide-co-glycolide)-based nanoencapsulation techniques with sustainable solvents. <i>Journal of Nanobiotechnology</i> , 2022, 20, .	11.4	16
101	Improvement of High-Throughput Experimentation Using Synthesis Robots by the Implementation of Tailor-Made Sensors. <i>Polymers</i> , 2022, 14, 361.	4.5	9
102	A photosensitizer-polyoxometalate dyad that enables the decoupling of light and dark reactions for delayed on-demand solar hydrogen production. <i>Nature Chemistry</i> , 2022, 14, 321-327.	18.8	130
103	Blatter radical as a polymeric active material in organic batteries. <i>Journal of Power Sources</i> , 2022, 524, 231061.	7.9	24
104	Stability of TMA-TEMPO-based aqueous electrolytes for redox-flow batteries. <i>Journal of Power Sources</i> , 2022, 525, 230996.	7.9	45
105	Structural alterations on the TEMPO scaffold and their impact on the performance as active materials for redox flow batteries. <i>Materials Advances</i> , 2022, 3, 4278-4288.	4.6	21
106	Triplet-Triplet Annihilation Upconversion by Polymeric Sensitizers. <i>Journal of Physical Chemistry C</i> , 2022, 126, 4057-4066.	3.1	11
107	Regaining Potential: Studies Concerning 2-Ferrocenylethyl Methacrylate, Its Polymers, and Application in Redox Flow Batteries. <i>Macromolecules</i> , 2022, 55, 1576-1589.	5.0	9
108	Shear-Thinning and Rapidly Recovering Hydrogels of Polymeric Nanofibers Formed by Supramolecular Self-Assembly. <i>Chemistry of Materials</i> , 2022, 34, 2206-2217.	6.7	17

#	ARTICLE	IF	CITATIONS
109	From Light to Structure: Photo Initiators for Radical Two-Photon Polymerization. Chemistry - A European Journal, 2022, 28, .	3.4	55
110	Metallo-Supramolecular Complexation Behavior of Terpyridine- and Ferrocene-Based Polymers in Solution—A Molecular Hydrodynamics Perspective. Polymers, 2022, 14, 944.	4.5	4
111	Inkjet Printing and 3D Printing Strategies for Biosensing, Analytical, and Diagnostic Applications. Advanced Materials, 2022, 34, .	24.5	229
112	A Viologen Polymer and a Compact Ferrocene: Comparison of Solution Viscosities and Their Performance in a Redox Flow Battery with a Size Exclusion Membrane. Macromolecular Chemistry and Physics, 2022, 223, .	2.4	10
113	Chemo-Enzymatic PEGylation/POxylation of Murine Interleukin-4. Bioconjugate Chemistry, 2022, 33, 97-104.	3.8	15
114	Two-Dimensional Photosensitizer Nanosheets via Low-Energy Electron Beam Induced Cross-Linking of Self-Assembled Rull Polypyridine Monolayers. Angewandte Chemie - International Edition, 2022, 61, .	14.4	7
115	En route from metal alkoxides to metal oxides: metal oxo/alkoxo clusters. Journal of Sol-Gel Science and Technology, 2022, 105, 587-595.	2.7	8
116	Recent advances in degradable synthetic polymers for biomedical applications —Beyond polyesters. Progress in Polymer Science, 2022, 129, 101547.	25.1	107
117	Hydrodynamic Characteristics and Conformational Parameters of Ferrocene-Terpyridine-Based Polymers. Polymers, 2022, 14, 1776.	4.5	4
118	State of Charge and State of Health Assessment of Viologens in Aqueous-Organic Redox-Flow Electrolytes Using In Situ IR Spectroscopy and Multivariate Curve Resolution. Advanced Science, 2022, 9, .	12.6	16
119	Exploiting $\hat{\pm}$ -Reactivities during Polymerization for Controlled Heterotelechelic Poly(carbazole)s. Macromolecules, 2022, 55, 3688-3698.	5.0	7
120	Synthesis and Characterization of Metallopolymer Networks Featuring Triple Shape-Memory Ability Based on Different Reversible Metal Complexes. Polymers, 2022, 14, 1833.	4.5	4
121	Comparing Microwave and Classical Synthesis of Oxymethylene Dimethyl Ethers. Macromolecular Chemistry and Physics, 2022, 223, .	2.4	5
122	Response to Christopher P. Muzzillo's Comments on "Introduction of a Novel Figure of Merit for the Assessment of Transparent Conductive Electrodes in Photovoltaics: Exact and Approximate Form" Advanced Energy Materials, 2022, 12, .	22.5	0
123	Triazole-Functionalized Mesoporous Materials Based on Poly(styrene-block-lactic acid): A Morphology Study of Thin Films. Polymers, 2022, 14, 2231.	4.5	5
124	Hydrophilic Crosslinked TEMPO-Methacrylate Copolymers — a Straight Forward Approach towards Aqueous Semi-Organic Batteries. ChemSusChem, 2022, 15, .	6.2	6
125	Oxidation of N,N,N,2,2,6,6-Heptamethylpiperidine-4-ammonium Chloride to Water-Soluble Nitroxyl Radicals: A Comparative Study. European Journal of Organic Chemistry, 2022, 2022, .	2.3	2
126	Frontispiz: Two-Dimensional Photosensitizer Nanosheets via Low-Energy Electron Beam Induced Cross-Linking of Self-Assembled Rull Polypyridine Monolayers. Angewandte Chemie, 2022, 134, .	1.4	0

#	ARTICLE	IF	CITATIONS
127	Noble Metal Complexes of a Bis-Caffeine Containing NHC Ligand. <i>Molecules</i> , 2022, 27, 4316.	4.2	4
128	An effective method of reconnoitering current-voltage (IV) characteristics of organic solar cells. <i>Journal of Applied Physics</i> , 2022, 132, .	2.0	4
129	Polymer selection impacts the pharmaceutical profile of site-specifically conjugated Interferon- $\beta$ . <i>Journal of Controlled Release</i> , 2022, 348, 881-892.	11.0	12
130	3D microstructure characterization of polymer battery electrodes by statistical image analysis based on synchrotron X-ray tomography. <i>Journal of Power Sources</i> , 2022, 542, 231783.	7.9	8
131	Inkjet-printed microband electrodes for a cost-efficient state-of-charge monitoring in redox flow batteries. <i>Sensors and Actuators B: Chemical</i> , 2022, 369, 132291.	7.6	6
132	Acid-base responsive photoluminescence switching of CdSe/ZnS quantum dots coupled to plasmonic gold film using nanometer-thick poly[(2-diethylamino)ethyl methacrylate] layer. <i>Nanoscale</i> , 2022, 14, 12395-12402.	5.0	4
133	PEtOxylated Interferon- $\beta$ Bioconjugates Addressing H1N1 Influenza A Virus Infection. <i>Biomacromolecules</i> , 2022, 23, 3593-3601.	5.1	8
134	P3HT:PCBM polymer solar cells from a didactic perspective. <i>Journal of Photonics for Energy</i> , 2022, 12, .	1.7	19
135	How varying surface wettability of different PEDOT:PSS formulations and their mixtures affects perovskite crystallization and the efficiency of inverted perovskite solar cells. <i>RSC Advances</i> , 2022, 12, 25593-25604.	4.4	33
136	Polymers from S-vinyl monomers: reactivities and properties. <i>Polymer Chemistry</i> , 2022, 13, 5019-5041.	3.9	12
137	Glucose Scavenging with Pectin Hydrazide: A Step toward Designing Innovative, Functional, All-Sugar-Based Polymers. <i>Macromolecular Chemistry and Physics</i> , 2022, 223, .	2.4	3
138	3D-Printable Shape-Memory Polymers Based on Halogen Bond Interactions. <i>Advanced Functional Materials</i> , 2022, 32, .	17.0	27
139	Thermo-responsive lipophilic NIPAM-based block copolymers as stabilizers for lipid-based cubic nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 220, 112884.	5.3	12
140	Application of orthogonal metal-ligand interactions for the synthesis of interpenetrating metallopolymer networks featuring shape-memory and self-healing abilities. <i>Journal of Materials Chemistry A</i> , 2022, 10, 25106-25117.	9.3	13
141	A user-guide for polymer purification using dialysis. <i>Polymer Chemistry</i> , 2022, 14, 92-101.	3.9	12
142	Automated Parallel Dialysis for Purification of Polymers. <i>Polymers</i> , 2022, 14, 4835.	4.5	4
143	Structural Improvement of the Blatter Radical for High-Current Organic Batteries. <i>ACS Applied Energy Materials</i> , 2022, 5, 15019-15028.	5.4	12
144	Targeting of phagolysosomes containing conidia of the fungus <i>Aspergillus fumigatus</i> with polymeric particles. <i>Applied Microbiology and Biotechnology</i> , 2022, 107, 819-834.	4.0	1

#	ARTICLE	IF	CITATIONS
145	Polymers for Battery Applications—Active Materials, Membranes, and Binders. <i>Advanced Energy Materials</i> , 2021, 11, .	22.5	137
146	DNA Origami Meets Polymers: A Powerful Tool for the Design of Defined Nanostructures. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 6218-6229.	14.4	46
147	Emulsion Polymerizations for a Sustainable Preparation of Efficient TEMPO-based Electrodes. <i>ChemSusChem</i> , 2021, 14, 449-455.	6.2	32
148	Well-defined poly(ethylene glycol) polymers as non-conventional reactive tracers of colloidal transport in porous media. <i>Journal of Colloid and Interface Science</i> , 2021, 584, 592-601.	9.9	9
149	Effect of Hydrophilic Monomer Distribution on Self-Assembly of a pH-Responsive Copolymer: Spheres, Worms and Vesicles from a Single Copolymer Composition. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 4925-4930.	14.4	55
150	Kinetic investigations on homo- and co-polymerizations of pentafluorophenyl (meth)acrylates. <i>European Polymer Journal</i> , 2021, 143, 110175.	5.9	6
151	Understanding the influence of chemical structure and length of hydrophobic blocks on the rheological properties of associative copolymers. <i>European Polymer Journal</i> , 2021, 143, 110190.	5.9	23
152	Einfluss der Verteilung hydrophiler Monomere auf die Selbstassemblierung eines pH-responsiven Copolymer: Kugeln, Würmer und Vesikel aus einer einzigen Copolymerkomposition. <i>Angewandte Chemie</i> , 2021, 133, 4975-4981.	1.4	1
153	Ferrocene containing redox-responsive poly(2-oxazoline)s. <i>Chemical Communications</i> , 2021, 57, 1308-1311.	3.4	7
154	Kombination von DNA-Origami und Polymeren: Eine leistungsstarke Methode zum Aufbau definierter Nanostrukturen. <i>Angewandte Chemie</i> , 2021, 133, 6282-6294.	1.4	3
155	Surface chemical reactions on self-assembled silane based monolayers. <i>Chemical Society Reviews</i> , 2021, 50, 6507-6540.	37.7	118
156	Shape-Memory Metallopolymers Based on Two Orthogonal Metal-Ligand Interactions. <i>Advanced Materials</i> , 2021, 33, .	24.5	45
157	Revisiting staining of biological samples for electron microscopy: perspectives for recent research. <i>Materials Horizons</i> , 2021, 8, 685-699.	10.2	6
158	Block copolymers comprising degradable poly(2-ethyl-2-oxazoline) analogues via copper-free click chemistry. <i>Polymer Chemistry</i> , 2021, 12, 5426-5437.	3.9	10
159	Trust is good, control is better: a review on monitoring and characterization techniques for flow battery electrolytes. <i>Materials Horizons</i> , 2021, 8, 1866-1925.	10.2	85
160	Why Organic Electronic Devices Comprising PEDOT:PSS Electrodes Should be Fabricated on Metal Free Substrates. <i>ACS Applied Electronic Materials</i> , 2021, 3, 929-943.	4.6	30
161	Drug-Induced Dynamics of Bile Colloids. <i>Langmuir</i> , 2021, 37, 2543-2551.	3.6	15
162	Photocathodes beyond NiO: charge transfer dynamics in a $\pi$ -conjugated polymer functionalized with Ru photosensitizers. <i>Scientific Reports</i> , 2021, 11, .	3.4	8

#	ARTICLE	IF	CITATIONS
163	Adaptation of electrodes and printable gel polymer electrolytes for optimized fully organic batteries. <i>Journal of Polymer Science</i> , 2021, 59, 494-501.	3.9	9
164	Photoluminescence Switching of CdSe/ZnS Quantum Dots Toward Sensing Applications Triggered by Thermoresponsive Poly(N-Isopropylacrylamide) Films on Plasmonic Gold Surfaces. <i>ACS Applied Nano Materials</i> , 2021, 4, 2386-2394.	5.3	8
165	Study of Anion Exchange Membrane Properties Incorporating N-spirocyclic Quaternary Ammonium Cations and Aqueous Organic Redox Flow Battery Performance. <i>Membranes</i> , 2021, 11, 367.	3.2	20
166	Poly(2-ethyl-2-oxazoline) Featuring a Central Amino Moiety. <i>Macromolecular Rapid Communications</i> , 2021, 42, .	4.1	8
167	Quantification of Triple-Shape Memory Behavior of Polymers Utilizing Tension and Torsion. <i>Macromolecular Chemistry and Physics</i> , 2021, 222, .	2.4	10
168	Aging processes in high voltage lithium-ion capacitors containing liquid and gel-polymer electrolytes. <i>Journal of Power Sources</i> , 2021, 496, 229797.	7.9	13
169	Excitation Energy-Dependent Branching Dynamics Determines Photostability of Iron(II)-Mesoionic Carbene Complexes. <i>Inorganic Chemistry</i> , 2021, 60, 9157-9173.	4.6	25
170	Titanium-Oxo Clusters with Bi- and Tridentate Organic Ligands: Gradual Evolution of the Structures from Small to Big. <i>Chemistry - A European Journal</i> , 2021, 27, 11239-11256.	3.4	53
171	Spatial Conductivity Distribution in Thin PEDOT:PSS Films after Laser Microannealing. <i>ACS Applied Electronic Materials</i> , 2021, 3, 2825-2831.	4.6	12
172	Novel, Stable Catholyte for Aqueous Organic Redox Flow Batteries: Symmetric Cell Study of Hydroquinones with High Accessible Capacity. <i>Molecules</i> , 2021, 26, 3823.	4.2	22
173	Kinetically Controlling the Length of Self-Assembled Polymer Nanofibers Formed by Intermolecular Hydrogen Bonds. <i>ACS Macro Letters</i> , 2021, 10, 837-843.	5.0	17
174	Antifungal properties of poly[2-(dimethylamino)ethyl methacrylate] (PDMAEMA) and quaternized derivatives. <i>Reactive and Functional Polymers</i> , 2021, 163, 104887.	4.8	13
175	On the stability of microwave-fabricated SERS substrates - chemical and morphological considerations. <i>Beilstein Journal of Nanotechnology</i> , 2021, 12, 541-551.	2.4	5
176	IR Spectroscopy as a Method for Online Electrolyte State Assessment in RFBs. <i>Advanced Energy Materials</i> , 2021, 11, .	22.5	14
177	Introduction of a Novel Figure of Merit for the Assessment of Transparent Conductive Electrodes in Photovoltaics: Exact and Approximate Form. <i>Advanced Energy Materials</i> , 2021, 11, .	22.5	87
178	Simple heteroaryl modifications in the 4,5-diarylisoaxazol-3-carboxylic acid scaffold favorably modulates the activity as dual mPGES-1/5-LO inhibitors with in vivo efficacy. <i>Bioorganic Chemistry</i> , 2021, 112, 104861.	4.1	11
179	Effect of Crystallinity on the Properties of Polycaprolactone Nanoparticles Containing the Dual FLAP/mPEGS-1 Inhibitor BRP-187. <i>Polymers</i> , 2021, 13, 2557.	4.5	17
180	Non-fullerene acceptor photostability and its impact on organic solar cell lifetime. <i>Cell Reports Physical Science</i> , 2021, 2, 100498.	4.9	66

#	ARTICLE	IF	CITATIONS
181	Stealth Effect of Short Polyoxazolines in Graft Copolymers: Minor Changes of Backbone End Group Determine Liver Cell-Type Specificity. <i>ACS Nano</i> , 2021, 15, 12298-12313.	15.3	24
182	Versatile Applications of Metallopolymers. <i>Progress in Polymer Science</i> , 2021, 119, 101428.	25.1	41
183	New Methods for the Functionalization of Polymer Matrices with Thiomolybdate Clusters Applied for Hydrogen Evolution Reaction Catalysis. <i>Advanced Energy and Sustainability Research</i> , 2021, 2, .	5.5	2
184	The time-dependency of the healing behavior of laser-scratched polymer films. <i>Polymer Testing</i> , 2021, 100, 107264.	5.4	3
185	A combined experimental and in silico approach to determine the compatibility of poly(ester amide)s and indomethacin in polymer nanoparticles. <i>European Polymer Journal</i> , 2021, 156, 110606.	5.9	13
186	Synthesis of functional miktoarm star polymers in an automated parallel synthesizer. <i>European Polymer Journal</i> , 2021, 160, 110777.	5.9	11
187	New Diglymeâ€based Gel Polymer Electrolytes for Naâ€based Energy Storage Devices. <i>ChemSusChem</i> , 2021, 14, 4836-4845.	6.2	14
188	Liquid Chromatography Analysis of Reactive Oxoammonium Cations. <i>Chromatographia</i> , 2021, 84, 999-1007.	1.2	1
189	On the identification and quantification of proton-initiated species in the synthesis of poly(2-alkyl-2-oxazoline)s by high resolution liquid chromatography. <i>Journal of Chromatography A</i> , 2021, 1653, 462364.	3.7	11
190	Selective Metalâ€Complexation on Polymeric Templates and Their Investigation via Isothermal Titration Calorimetry. <i>Macromolecular Chemistry and Physics</i> , 2021, 222, .	2.4	4
191	Polymeric Blatter's Radical via CuAAC and ROMP. <i>Macromolecular Chemistry and Physics</i> , 2021, 222, .	2.4	13
192	Separation of volatile compounds from polymers by physisorption. <i>European Polymer Journal</i> , 2021, 159, 110748.	5.9	6
193	Halogen bonding in polymer science: towards new smart materials. <i>Chemical Science</i> , 2021, 12, 9275-9286.	7.1	92
194	Digital Transformation in Materials Science: A Paradigm Change in Material's Development. <i>Advanced Materials</i> , 2021, 33, .	24.5	57
195	Red-light sensitized hole-conducting polymer for energy conversion. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 18026-18034.	2.7	2
196	Dual crosslinked metallopolymers using orthogonal metal complexes as rewritable shape-memory polymers. <i>Journal of Materials Chemistry A</i> , 2021, 9, 15051-15058.	9.3	19
197	Uphill and downhill charge generation from charge transfer to charge separated states in organic solar cells. <i>Journal of Materials Chemistry C</i> , 2021, 9, 14463-14489.	5.1	20
198	Dialysis Diffusion Kinetics in Polymer Purification. <i>Macromolecules</i> , 2021, 54, 9410-9417.	5.0	18

#	ARTICLE	IF	CITATIONS
199	Prediction of Nanoparticle Sizes for Arbitrary Methacrylates Using Artificial Neuronal Networks. <i>Advanced Science</i> , 2021, 8, .	12.6	23
200	Molecular Insights into Site-Specific Interferon- $\gamma$ 2a Bioconjugates Originated from PEG, LPG, and PEOx. <i>Biomacromolecules</i> , 2021, 22, 4521-4534.	5.1	28
201	Improved Hole Extraction Selectivity of Polymer Solar Cells by Combining PEDOT:PSS with WO <sub>3</sub> . <i>Energy Technology</i> , 2021, 9, .	3.4	12
202	The Influence of the Nature of Redox-Active Moieties on the Properties of Redox-Active Ionic Liquids and on Their Use as Electrolyte for Supercapacitors. <i>Energies</i> , 2021, 14, 6344.	2.9	10
203	Intracellularly Released Cholesterol from Polymer-Based Delivery Systems Alters Cellular Responses to Pneumolysin and Promotes Cell Survival. <i>Metabolites</i> , 2021, 11, 821.	3.4	4
204	Antraquinone-2,6-disulfamidic acid: an anolyte with low decomposition rates at elevated temperatures. <i>RSC Advances</i> , 2021, 11, 38759-38764.	4.4	7
205	Photoactive ultrathin molecular nanosheets with reversible lanthanide binding terpyridine centers. <i>Nanoscale</i> , 2021, 13, 20583-20591.	5.0	7
206	Ethoxy acetalated dextran-based nanocarriers accomplish efficient inhibition of leukotriene formation by a novel FLAP antagonist in human leukocytes and blood. <i>Cellular and Molecular Life Sciences</i> , 2021, 79, .	5.5	13
207	Solution-Based Self-Assembly and Stability of Ruthenium(II) Tris-bipyridyl Monolayers on Gold. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 60544-60552.	8.0	7
208	Printable ionic liquid-based gel polymer electrolytes for solid state all-organic batteries. <i>Energy Storage Materials</i> , 2020, 25, 750-755.	18.1	46
209	Microfabrication of 3D-hydrogels via two-photon polymerization of poly(2-ethyl-2-oxazoline) diacrylates. <i>European Polymer Journal</i> , 2020, 122, 109295.	5.9	33
210	Revisiting very disperse macromolecule populations in hydrodynamic and light scattering studies of sodium carboxymethyl celluloses. <i>Carbohydrate Polymers</i> , 2020, 229, 115452.	12.2	15
211	Core-shell Nanoparticles with a Redox Polymer Core and a Silica Porous Shell as High-Performance Cathode Material for Lithium-Ion Batteries. <i>Energy Technology</i> , 2020, 8, .	3.4	7
212	A polyesteramide library from dicarboxylic acids and 2,2-bis(2-oxazoline): synthesis, characterization, nanoparticle formulation and molecular dynamics simulations. <i>Polymer Chemistry</i> , 2020, 11, 112-124.	3.9	13
213	Quasi-block copolymer design of quaternized derivatives of poly(2-(dimethylamino)ethyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 109457.	5.9	17
214	Collision cross-section analysis of self-assembled metallomacrocyclic isomers and isobars via ion mobility mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, .	1.4	14
215	Polyester Stereocomplexes Beyond PLA: Could Synthetic Opportunities Revolutionize Established Material Blending?. <i>Macromolecular Rapid Communications</i> , 2020, 41, .	4.1	53
216	Inkjet-Printing of Supercapacitors. <i>ChemistrySelect</i> , 2020, 5, 11322-11330.	1.7	8

#	ARTICLE	IF	CITATIONS
217	“Hard-Sphere Behavior of “Soft”, Globular-like, Hyperbranched Polyglycerols” Extensive Molecular Hydrodynamic and Light Scattering Studies. <i>Macromolecules</i> , 2020, 53, 9220-9233.	5.0	10
218	Self-Assembly of Copolyesters into Stereocomplex Crystallites Tunes the Properties of Polyester Nanoparticles. <i>Macromolecules</i> , 2020, 53, 8340-8351.	5.0	15
219	Dual Photo- and pH-Responsive Spirooxazine-Functionalized Dextran Nanoparticles. <i>Biomacromolecules</i> , 2020, 21, 3620-3630.	5.1	14
220	Microwave-Assisted Synthesis of Core-Shell Nanoparticles” Insights into the Growth of Different Geometries. <i>Particle and Particle Systems Characterization</i> , 2020, 37, .	2.8	10
221	Formulation of Liver-Specific PLGA-DY-635 Nanoparticles Loaded with the Protein Kinase C Inhibitor Bisindolylmaleimide I. <i>Pharmaceutics</i> , 2020, 12, 1110.	4.9	8
222	PLA/PLGA-Based Drug Delivery Systems Produced with Supercritical CO <sub>2</sub> ” A Green Future for Particle Formulation?. <i>Pharmaceutics</i> , 2020, 12, 1118.	4.9	46
223	Optimized Encapsulation of the FLAP/PGES-1 Inhibitor BRP-187 in PVA-Stabilized PLGA Nanoparticles Using Microfluidics. <i>Polymers</i> , 2020, 12, 2751.	4.5	11
224	Degradable Poly(2-oxazoline) Analogues from Partially Oxidized Poly(ethylene imine). <i>Macromolecules</i> , 2020, 53, 10837-10846.	5.0	18
225	Performance and Stability of Organic Solar Cells Bearing Nitrogen Containing Electron Extraction Layers. <i>Energy Technology</i> , 2020, 8, .	3.4	2
226	Facile and Reliable Emission-Based Nanomolar Anion Sensing by Luminescent Iridium Receptors Featuring Chelating Halogen-Bonding Sites. <i>Chemistry - A European Journal</i> , 2020, 26, 14679-14687.	3.4	10
227	Is electron ping-pong limiting the catalytic hydrogen evolution activity in covalent photosensitizer” polyoxometalate dyads?. <i>Chemical Communications</i> , 2020, 56, 10485-10488.	3.4	18
228	Two-Photon Polymerized Poly(2-Ethyl-2-Oxazoline) Hydrogel 3D Microstructures with Tunable Mechanical Properties for Tissue Engineering. <i>Molecules</i> , 2020, 25, 5066.	4.2	25
229	Aqueous Redox Flow Battery Suitable for High Temperature Applications Based on a Tailor-Made Ferrocene Copolymer. <i>Advanced Energy Materials</i> , 2020, 10, .	22.5	59
230	Automated Polymer Purification Using Dialysis. <i>Polymers</i> , 2020, 12, 2095.	4.5	21
231	Polymer-Based Batteries” Flexible and Thin Energy Storage Systems. <i>Advanced Materials</i> , 2020, 32, .	24.5	146
232	Gradient and asymmetric copolymers: the role of the copolymer composition profile in the ionization of weak polyelectrolytes. <i>Polymer Chemistry</i> , 2020, 11, 7562-7570.	3.9	11
233	Salient features of medical nanoparticles in biological fluids from an analytical ultracentrifuge. <i>Nanoscale</i> , 2020, 12, 22462-22466.	5.0	9
234	Kinetic Investigations of Quaternization Reactions of Poly[2-(dimethylamino)ethyl methacrylate] with Diverse Alkyl Halides. <i>Macromolecular Chemistry and Physics</i> , 2020, 221, .	2.4	18

#	ARTICLE	IF	CITATIONS
235	Encapsulation of the dual FLAP/mPEGS-1 inhibitor BRP-187 into acetalated dextran and PLGA nanoparticles improves its cellular bioactivity. <i>Journal of Nanobiotechnology</i> , 2020, 18, .	11.4	27
236	Predicting Solubility of Small Molecules in Macromolecular Compounds for Nanomedicine Application from Atomistic Simulations. <i>Advanced Theory and Simulations</i> , 2020, 3, .	2.7	17
237	Dithiafulvenyl-equipped Ru(II) bis-terpyridine complexes – Synthesis, photophysical and electrochemical properties. <i>Inorganica Chimica Acta</i> , 2020, 510, 119747.	2.8	3
238	Tunable nanogels by host-guest interaction with carboxylate pillar[5]arene for controlled encapsulation and release of doxorubicin. <i>Nanoscale</i> , 2020, 12, 13595-13605.	5.0	10
239	Poly(ethylene glycol) or poly(2-ethyl-2-oxazoline) – A systematic comparison of PLGA nanoparticles from the bottom up. <i>European Polymer Journal</i> , 2020, 134, 109801.	5.9	19
240	Copolymerization of Caprolactone Isomers to Obtain Nanoparticles with Constant Hydrophobicity and Tunable Crystallinity. <i>Macromolecules</i> , 2020, 53, 5208-5217.	5.0	16
241	Disentanglement of Degradation Mechanisms by Analyzing Aging Dynamics of Environmentally Friendly Processed Polymer Solar Cells. <i>Energy Technology</i> , 2020, 8, .	3.4	10
242	Microwave irradiation versus conventional heating assisted free-radical copolymerization in solution. <i>Chemical Engineering Journal</i> , 2020, 399, 125761.	12.0	18
243	Synthesis of a fructose decorated PAGE-b-PEG-b-PLGA polymer with subsequent formulation of nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 597, 124701.	5.2	2
244	Straightforward Access to Glycosylated, Acid Sensitive Nanogels by Host-Guest Interactions with Sugar-Modified Pillar[5]arenes. <i>ACS Macro Letters</i> , 2020, 9, 540-545.	5.0	16
245	Organic linkage controls the photophysical properties of covalent photosensitizer-polyoxometalate hydrogen evolution dyads. <i>Sustainable Energy and Fuels</i> , 2020, 4, 4688-4693.	3.9	8
246	A novel approach for the quantification of scratch healing of polymers. <i>Polymer Testing</i> , 2020, 90, 106699.	5.4	15
247	Polysaccharide valproates: Structure - property relationships in solution. <i>Carbohydrate Polymers</i> , 2020, 246, 116652.	12.2	18
248	Incentives of Using the Hydrodynamic Invariant and Sedimentation Parameter for the Study of Naturally- and Synthetically-Based Macromolecules in Solution. <i>Polymers</i> , 2020, 12, 277.	4.5	29
249	Degradable polycaprolactone nanoparticles stabilized via supramolecular host-guest interactions with pH-responsive polymer-pillar[5]arene conjugates. <i>Polymer Chemistry</i> , 2020, 11, 1985-1997.	3.9	4
250	Improved Bioactivity of the Natural Product 5-Lipoxygenase Inhibitor Hyperforin by Encapsulation into Polymeric Nanoparticles. <i>Molecular Pharmaceutics</i> , 2020, 17, 810-816.	4.2	24
251	Quantification of the scratch-healing efficiency for novel zwitterionic polymers. <i>NPG Asia Materials</i> , 2020, 12, .	7.4	27
252	Consensus statement for stability assessment and reporting for perovskite photovoltaics based on ISOS procedures. <i>Nature Energy</i> , 2020, 5, 35-49.	50.6	1,508

#	ARTICLE	IF	CITATIONS
253	Block Copolymers Composed of PEOx and Polyesteramides Based on Glycolic Acid, L-Valine, and L-Isoleucine. <i>Macromolecules</i> , 2020, 53, 3580-3590.	5.0	19
254	Synthesis and characterization of hydrogels containing redox-responsive 2,2,6,6-tetramethylpiperidinyloxy methacrylate and thermoresponsive N-isopropylacrylamide. <i>Journal of Polymer Science</i> , 2020, 58, 1553-1563.	3.9	4
255	Caspofungin Functionalized Polymethacrylates with Antifungal Properties. <i>Biomacromolecules</i> , 2020, 21, 2104-2115.	5.1	20
256	Lanthanoids Goes Healing: Lanthanoidic Metallopolymers and Their Scratch Closure Behavior. <i>Polymers</i> , 2020, 12, 838.	4.5	5
257	Metal-Terpyridine Complexes in Catalytic Application – A Spotlight on the Last Decade. <i>ChemCatChem</i> , 2020, 12, 2890-2941.	3.6	98
258	Cell-Penetrating, Peptide-Based RAFT Agent for Constructing Penetration Enhancers. <i>ACS Macro Letters</i> , 2020, 9, 260-265.	5.0	21
259	pH-responsive SERS substrates based on AgNP-polyMETAC composites on patterned self-assembled monolayers. <i>Nanotechnology</i> , 2020, 31, 465604.	2.6	10
260	Aprotic and Protic Ionic Liquids as Electrolytes for Organic Radical Polymers. <i>Journal of the Electrochemical Society</i> , 2020, 167, 120546.	3.1	11
261	One-Pot Synthesis of Block Copolymers by a Combination of Living Cationic and Controlled Radical Polymerization. <i>Macromolecular Rapid Communications</i> , 2019, 40, .	4.1	20
262	Thermally induced degradation of PBDDTTT-CT:PCBM based polymer solar cells. <i>Journal Physics D: Applied Physics</i> , 2019, 52, 475501.	2.9	14
263	Synthesis and characterisation of redox hydrogels based on stable nitroxide radicals. <i>Soft Matter</i> , 2019, 15, 6418-6426.	2.6	18
264	Sustainable Energy Storage: Recent Trends and Developments toward Fully Organic Batteries. <i>ChemSusChem</i> , 2019, 12, 4093-4115.	6.2	192
265	An Amperometric, Temperature-Independent, and Calibration-Free Method for the Real-Time State-of-Charge Monitoring of Redox Flow Battery Electrolytes. <i>Chemistry of Materials</i> , 2019, 31, 5363-5369.	6.7	23
266	Analytical ultracentrifugation and other techniques in studying highly disperse nano-crystalline cellulose hybrids. <i>Cellulose</i> , 2019, 26, 7159-7173.	4.4	5
267	High-Yielding Syntheses of Multifunctionalized Ru <sup>II</sup> Polypyridyl-Type Sensitizer: Experimental and Computational Insights into Coordination. <i>Inorganic Chemistry</i> , 2019, 58, 9822-9832.	4.6	8
268	Amino Acid-Substituted Dextran-Based Non-Viral Vectors for Gene Delivery. <i>Macromolecular Bioscience</i> , 2019, 19, .	4.0	22
269	Semiautomated Parallel RAFT Copolymerization of Isoprene with Glycidyl Methacrylate. <i>ACS Combinatorial Science</i> , 2019, 21, 771-781.	4.6	20
270	Poly( <i>n</i> -alkyl methacrylate)s Chemistry and Physics, 2019, 220, 1900259.	2.4	3

#	ARTICLE	IF	CITATIONS
271	Crosslinkable/functionalizable poly(2-oxazoline)-based micelles. <i>European Polymer Journal</i> , 2019, 121, 109305.	5.9	5
272	Detailed Analysis of the Influencing Parameters on the Self-Healing Behavior of Dynamic Urea-Crosslinked Poly(methacrylate)s. <i>Molecules</i> , 2019, 24, 3597.	4.2	7
273	Combinations of Antimicrobial Polymers with Nanomaterials and Bioactives to Improve Biocidal Therapies. <i>Polymers</i> , 2019, 11, 1789.	4.5	36
274	Strontium Isopropoxide: A Highly Active Catalyst for the Ring-Opening Polymerization of Lactide and Various Lactones. <i>Macromolecular Rapid Communications</i> , 2019, 40, .	4.1	25
275	(2,2,6,6-Tetramethylpiperidin-1-yl)oxyl-Containing Zwitterionic Polymer as Catholyte Species for High-Capacity Aqueous Polymer Redox Flow Batteries. <i>Chemistry of Materials</i> , 2019, 31, 7987-7999.	6.7	83
276	Impact of P3HT materials properties and layer architecture on OPV device stability. <i>Solar Energy Materials and Solar Cells</i> , 2019, 202, 110151.	6.1	31
277	The influence of gradient and statistical arrangements of guanidinium or primary amine groups in poly(methacrylate) copolymers on their DNA binding affinity. <i>Journal of Materials Chemistry B</i> , 2019, 7, 5920-5929.	5.5	16
278	Poly(3-ethylglycolide): a well-defined polyester matching the hydrophilic hydrophobic balance of PLA. <i>Polymer Chemistry</i> , 2019, 10, 5440-5451.	3.9	21
279	The supramolecular assemblies based on heteroatom-containing triangulenes. <i>Materials Chemistry Frontiers</i> , 2019, 3, 2308-2325.	6.1	20
280	Remote control of electronic coupling – modification of excited-state electron-transfer rates in Ru(tpy) <sub>2</sub> -based donor-acceptor systems by remote ligand design. <i>Chemical Communications</i> , 2019, 55, 2273-2276.	3.4	8
281	Poly(2-oxazoline)-Containing Triblock Copolymers: Synthesis and Applications. <i>Polymer Reviews</i> , 2019, 59, 240-279.	14.2	23
282	Femtosecond laser-induced scratch ablation as an efficient new method to evaluate the self-healing behavior of supramolecular polymers. <i>Journal of Materials Chemistry A</i> , 2019, 7, 2148-2155.	9.3	8
283	Effect of surfactant on the size and stability of PLGA nanoparticles encapsulating a protein kinase C inhibitor. <i>International Journal of Pharmaceutics</i> , 2019, 566, 756-764.	4.7	59
284	Accumulative Charging of Redox-Active Side-Chain-Modified Polymers: Experimental and Computational Insights from Oligo- to Polymeric Triarylaminates. <i>Macromolecules</i> , 2019, 52, 4673-4685.	5.0	5
285	State-of-charge monitoring for redox flow batteries: A symmetric open-circuit cell approach. <i>Journal of Power Sources</i> , 2019, 423, 60-67.	7.9	20
286	Influence of the salt concentration on the electrochemical performance of electrodes for polymeric batteries. <i>Electrochimica Acta</i> , 2019, 306, 610-616.	5.3	15
287	Utilization of 4-(trifluoromethyl)benzenesulfonates as Counter Ions Tunes the Initiator Efficiency of Sophisticated Initiators for the Preparation of Well-Defined poly(2-oxazoline)s. <i>Macromolecular Rapid Communications</i> , 2019, 40, 1900094.	4.1	6
288	Superexchange in the fast lane – intramolecular electron transfer in a molecular triad occurs by conformationally gated superexchange. <i>Chemical Communications</i> , 2019, 55, 5251-5254.	3.4	4

#	ARTICLE	IF	CITATIONS
289	Electron Density of Polymeric Nanoparticles Determined by Image Processing of Transmission Electron Micrographs: Insights into Heavy Metal Staining Processes. <i>Particle and Particle Systems Characterization</i> , 2019, 36, .	2.8	1
290	Structure-property relationships via complementary hydrodynamic approaches: Poly(2-(dimethylamino)ethyl methacrylate)s. <i>Polymer</i> , 2019, 182, 121828.	4.1	13
291	Shape-Memory Metallopolymer Networks Based on a Triazole-Pyridine Ligand. <i>Polymers</i> , 2019, 11, 1889.	4.5	9
292	Preparation of hydrophobically modified associating multiblock copolymers via a one-pot aqueous RAFT polymerization. <i>Polymer Chemistry</i> , 2019, 10, 6247-6253.	3.9	15
293	Stabilization of Silver Nanoparticles by Cationic Aminoethyl Methacrylate Copolymers in Aqueous Media—Effects of Component Ratios and Molar Masses of Copolymers. <i>Polymers</i> , 2019, 11, 1647.	4.5	1
294	Towards Covalent Photosensitizer-Polyoxometalate Dyads-Bipyridyl-Functionalized Polyoxometalates and Their Transition Metal Complexes. <i>Molecules</i> , 2019, 24, 4446.	4.2	7
295	Smart pH-Sensitive Nanogels for Controlled Release in an Acidic Environment. <i>Biomacromolecules</i> , 2019, 20, 130-140.	5.1	47
296	Platinum-terpyridine complexes in polymers: A novel approach for the synthesis of self-healing metallopolymers. <i>Journal of Applied Polymer Science</i> , 2019, 136, .	2.7	13
297	Mechanical Activation of Terpyridine Metal Complexes in Polymers. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2019, 30, 230-242.	4.3	9
298	POx as an Alternative to PEG? A Hydrodynamic and Light Scattering Study. <i>Macromolecules</i> , 2018, 51, 1905-1916.	5.0	115
299	Hydrogel-Embedded Model Photocatalytic System Investigated by Raman and IR Spectroscopy Assisted by Density Functional Theory Calculations and Two-Dimensional Correlation Analysis. <i>Journal of Physical Chemistry A</i> , 2018, 122, 2677-2687.	2.5	8
300	Spherical and Worm-Like Micelles from Fructose-Functionalized Polyether Block Copolymers. <i>Macromolecular Bioscience</i> , 2018, 18, .	4.0	7
301	Accelerating the acidic degradation of a novel thermoresponsive polymer by host-guest interaction. <i>Polymer Chemistry</i> , 2018, 9, 2634-2642.	3.9	9
302	Influence of Aspartate Moieties on the Self-Healing Behavior of Histidine-Rich Supramolecular Polymers. <i>Macromolecular Rapid Communications</i> , 2018, 39, .	4.1	8
303	Urethanes as reversible covalent moieties in self-healing polymers. <i>European Polymer Journal</i> , 2018, 104, 45-50.	5.9	25
304	Comparison of random and gradient amino functionalized poly(2-oxazoline)s: Can the transfection efficiency be tuned by the macromolecular structure?. <i>Journal of Polymer Science Part A</i> , 2018, 56, 1210-1224.	2.3	6
305	Conjugated Oligomers as Fluorescence Marker for the Determination of the Self-Healing Efficiency in Mussel-Inspired Polymers. <i>Chemistry of Materials</i> , 2018, 30, 2791-2799.	6.7	23
306	Thermally Switchable Fluorescence Resonance Energy Transfer via Reversible Diels-Alder Reaction of $\beta$ -Conjugated Oligo(Phenylene Ethynylene)s. <i>Macromolecular Rapid Communications</i> , 2018, 39, .	4.1	6

#	ARTICLE	IF	CITATIONS
307	Organic solar cells based on anthracene-containing PPE-PPVs and non-fullerene acceptors. <i>Chemical Papers</i> , 2018, 72, 1769-1778.	2.2	7
308	Determining solid/liquid interfacial energies in Al-Cu by curvature controlled melting point depression. <i>Acta Materialia</i> , 2018, 147, 113-121.	8.7	16
309	From Cubic Palladium to Concave Core-Shell Platinum Palladium Nanoparticles: Evolution of the Structure and Their Electrochemical Properties. <i>Journal of the Electrochemical Society</i> , 2018, 165, H67-H77.	3.1	3
310	Direct detection of the photoinduced charge-separated state in a Ru(ii) bis(terpyridine)-polyoxometalate molecular dyad. <i>Chemical Communications</i> , 2018, 54, 2970-2973.	3.4	22
311	Temperature-Tuning of Optical Properties and Molecular Aggregation in AnE-PVstat Copolymer Solution. <i>Journal of Physical Chemistry C</i> , 2018, 122, 3965-3969.	3.1	10
312	Halogenbrücken in Lösung: Anionenerkennung, Templatgestützte Selbstorganisation und Organokatalyse. <i>Angewandte Chemie</i> , 2018, 130, 6110-6123.	1.4	55
313	Halogen Bonding in Solution: Anion Recognition, Templated Self-Assembly, and Organocatalysis. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 6004-6016.	14.4	254
314	Fully Roll-to-Roll Printed P3HT/Indene-Bisadduct Modules with High Open-Circuit Voltage and Efficiency. <i>Solar Rrl</i> , 2018, 2, .	4.6	19
315	Synthesis and Characterization of a Phthalimide-Containing Redox-Active Polymer for High-Voltage Polymer-Based Redox-Flow Batteries. <i>Macromolecular Chemistry and Physics</i> , 2018, 219, .	2.4	24
316	PtII Phosphors with Click-Derived 1,2,3-Triazole-Containing Tridentate Chelates. <i>Organometallics</i> , 2018, 37, 145-155.	2.9	35
317	Do You Get What You See? Understanding Molecular Self-Healing. <i>Chemistry - A European Journal</i> , 2018, 24, 2493-2502.	3.4	22
318	How To Tune the Gene Delivery and Biocompatibility of Poly(2-(4-aminobutyl)-2-oxazoline) by Self- and Coassembly. <i>Biomacromolecules</i> , 2018, 19, 748-760.	5.1	17
319	Oxidation-responsive micelles by a one-pot polymerization-induced self-assembly approach. <i>Polymer Chemistry</i> , 2018, 9, 1593-1602.	3.9	66
320	An aqueous all-organic redox-flow battery employing a (2,2,6,6-tetramethylpiperidin-1-yl)oxyl-containing polymer as catholyte and dimethyl viologen dichloride as anolyte. <i>Journal of Power Sources</i> , 2018, 378, 546-554.	7.9	79
321	Uptake and Intracellular Fate of Engineered Nanoparticles in Mammalian Cells: Capabilities and Limitations of Transmission Electron Microscopy-Polymer-Based Nanoparticles. <i>Advanced Materials</i> , 2018, 30, .	24.5	83
322	Beyond Gene Transfection with Methacrylate-Based Polyplexes-The Influence of the Amino Substitution Pattern. <i>Bioconjugate Chemistry</i> , 2018, 29, 2181-2194.	3.8	30
323	Lichtgesteuerte Freisetzung von Chemikalien aus polymeren Nano- und Mikropartikelbehältern. <i>Angewandte Chemie</i> , 2018, 130, 2504-2508.	1.4	3
324	Coexistence of distinct intramolecular electron transfer pathways in polyoxometalate based molecular triads. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 11740-11748.	2.7	9

#	ARTICLE	IF	CITATIONS
325	A healing ionomer crosslinked by a bis-bidentate halogen bond linker: a route to hard and healable coatings. <i>Polymer Chemistry</i> , 2018, 9, 2193-2197.	3.9	28
326	Identification of multi-target inhibitors of leukotriene and prostaglandin E2 biosynthesis by structural tuning of the FLAP inhibitor BRP-7. <i>European Journal of Medicinal Chemistry</i> , 2018, 150, 876-899.	5.3	31
327	Photocontrolled Release of Chemicals from Nano- and Microparticle Containers. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 2479-2482.	14.4	26
328	Remendable polymers via reversible Diels-Alder cycloaddition of anthracene-containing copolymers with fullerenes. <i>Journal of Applied Polymer Science</i> , 2018, 135, .	2.7	17
329	Old meets new: Combination of PLA and RDRP to obtain sophisticated macromolecular architectures. <i>Progress in Polymer Science</i> , 2018, 76, 111-150.	25.1	50
330	The N-Terminus of the HIV-1 p6 Gag Protein Regulates Susceptibility to Degradation by IDE. <i>Viruses</i> , 2018, 10, 710.	3.2	4
331	Fast Screening of Diol Impurities in Methoxy Poly(Ethylene Glycol)s (mPEG)s by Liquid Chromatography on Monolithic Silica Rods. <i>Polymers</i> , 2018, 10, 1395.	4.5	13
332	Chemistry-on-the-complex functional Ru <sup>II</sup> polypyridyl-type sensitizers as divergent building blocks. <i>Chemical Society Reviews</i> , 2018, 47, 7577-7627.	37.7	106
333	Green ethers as solvent alternatives for anionic ring-opening polymerizations of ethylene oxide (EO): In-situ kinetic and advanced characterization studies. <i>Polymer</i> , 2018, 159, 86-94.	4.1	12
334	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. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 133, 112-121.	4.0	12
335	The influence of the electrolyte composition on the electrochemical behaviour of cathodic materials for organic radical batteries. <i>Journal of Power Sources</i> , 2018, 405, 142-149.	7.9	27
336	Asymmetric Copolymers: Synthesis, Properties, and Applications of Gradient and Other Partially Segregated Copolymers. <i>Macromolecular Rapid Communications</i> , 2018, 39, .	4.1	52
337	The great escape: how cationic polyplexes overcome the endosomal barrier. <i>Journal of Materials Chemistry B</i> , 2018, 6, 6904-6918.	5.5	368
338	Palladium-SCS Pincer Complexes as Cross-Linking Moieties in Self-Healing Metallopolymers. <i>Macromolecular Rapid Communications</i> , 2018, 39, .	4.1	10
339	TBD-Catalyzed Ring-Opening Polymerization of Alkyl-Substituted Morpholine-2,5-Dione Derivatives. <i>Macromolecular Rapid Communications</i> , 2018, 39, .	4.1	34
340	Aluminum Electrode Insulation Dynamics via Interface Oxidation by Reactant Diffusion in Organic Layers. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2018, 215, .	1.5	3
341	LCST behavior of poly(2-ethyl-2-oxazoline) containing diblock and triblock copolymers. <i>European Polymer Journal</i> , 2018, 100, 57-66.	5.9	16
342	Improvement of polymer:fullerene bulk heterojunction morphology via temperature and anti-solvent effect. <i>Synthetic Metals</i> , 2018, 243, 8-16.	4.5	10

#	ARTICLE	IF	CITATIONS
343	The Power of Shielding: Low Toxicity and High Transfection Performance of Cationic Graft Copolymers Containing Poly(2-oxazoline) Side Chains. <i>Biomacromolecules</i> , 2018, 19, 2759-2771.	5.1	12
344	A translation of the structure of mussel byssal threads into synthetic materials by the utilization of histidine-rich block copolymers. <i>Polymer Chemistry</i> , 2018, 9, 3543-3551.	3.9	14
345	Considerations for the Uptake Characteristic of Inorganic Nanoparticles into Mammalian Cells—Insights Gained by TEM Investigations. <i>Advanced Biology</i> , 2018, 2, .	3.4	6
346	Microfluidic Tubular Flow Cell Design Utilizing Commercial Hollow Fiber Dialysis Membranes for Size-Exclusion Based Flow Batteries. <i>Energy Technology</i> , 2018, 6, 2296-2310.	3.4	8
347	Stability of organic solar cells with PCDTBT donor polymer: An interlaboratory study. <i>Journal of Materials Research</i> , 2018, 33, 1909-1924.	2.5	20
348	Flexible Thermoelectric Polymer Composites Based on a Carbon Nanotubes Forest. <i>Advanced Functional Materials</i> , 2018, 28, .	17.0	42
349	PMMA-g-OEtOx Graft Copolymers: Influence of Grafting Degree and Side Chain Length on the Conformation in Aqueous Solution. <i>Materials</i> , 2018, 11, 528.	2.9	16
350	High-temperature stable single carrier hole only device based on conjugated polymers. <i>Journal of Materials Research</i> , 2018, 33, 1860-1867.	2.5	9
351	Maintaining the Hydrophilic–Hydrophobic Balance of Polyesters with Adjustable Crystallinity for Tailor-Made Nanoparticles. <i>Macromolecules</i> , 2018, 51, 5567-5576.	5.0	25
352	Controlling donor crystallinity and phase separation in bulk heterojunction solar cells by the introduction of orthogonal solvent additives. <i>MRS Advances</i> , 2018, 3, 1891-1900.	0.9	7
353	pNTQS: Easily Accessible High-Capacity Redox-Active Polymer for Organic Battery Electrodes. <i>ACS Applied Energy Materials</i> , 2018, 1, 3554-3559.	5.4	14
354	Investigations on the modification of PMMA by ultrafast laser radiation from the UV to the mid-IR spectral range. <i>Optics and Lasers in Engineering</i> , 2018, 111, 130-134.	3.6	8
355	Kinetic and Copolymer Composition Investigations of the Free Radical Copolymerization of 1-Octene with Glycidyl Methacrylate. <i>Macromolecular Chemistry and Physics</i> , 2018, 219, .	2.4	11
356	Sol-gel synthesis of Mg(OH) <sub>2</sub> and Ca(OH) <sub>2</sub> nanoparticles: a comparative study of their antifungal activity in partially quaternized p(DMAEMA) nanocomposite films. <i>Journal of Sol-Gel Science and Technology</i> , 2018, 89, 310-321.	2.7	17
357	Redox-Flow-Batterien: von metallbasierten zu organischen Aktivmaterialien. <i>Angewandte Chemie</i> , 2017, 129, 702-729.	1.4	97
358	Dual pH and ultrasound responsive nanoparticles with pH triggered surface charge-conversional properties. <i>Polymer Chemistry</i> , 2017, 8, 1328-1340.	3.9	40
359	A bipolar nitronyl nitroxide small molecule for an all-organic symmetric redox-flow battery. <i>NPG Asia Materials</i> , 2017, 9, e340-e340.	7.4	72
360	Histidine–Zinc Interactions Investigated by Isothermal Titration Calorimetry (ITC) and their Application in Self-Healing Polymers. <i>Macromolecular Chemistry and Physics</i> , 2017, 218, .	2.4	42

#	ARTICLE	IF	CITATIONS
361	Aqueous 2,2,6,6-Tetramethylpiperidine-N-oxyl Catholytes for a High-Capacity and High Current Density Oxygen-Insensitive Hybrid-Flow Battery. <i>ACS Energy Letters</i> , 2017, 2, 411-416.	17.0	185
362	Increased stability in self-healing polymer networks based on reversible Michael addition reactions. <i>Journal of Applied Polymer Science</i> , 2017, 134, .	2.7	26
363	Optimized Photoinitiator for Fast Two-Photon Absorption Polymerization of Polyester-Macromers for Tissue Engineering. <i>Advanced Engineering Materials</i> , 2017, 19, .	2.9	25
364	Halogen-bond-based cooperative ion-pair recognition by a crown-ether-embedded 5-iodo-1,2,3-triazole. <i>Chemical Communications</i> , 2017, 53, 2260-2263.	3.4	48
365	Tailoring Cellular Uptake and Fluorescence of Poly(2-oxazoline)-Based Nanogels. <i>Bioconjugate Chemistry</i> , 2017, 28, 1229-1235.	3.8	18
366	Synthesis and Electrochemical Study of a TCAA Derivative – A potential bipolar redox-active material. <i>Electrochimica Acta</i> , 2017, 228, 494-502.	5.3	14
367	Soluble PtII-Containing Polymers Based on a 2,6-Bis(1H-1,2,3-triazol-4-yl)-4-ethynylpyridine Ligand. <i>ACS Macro Letters</i> , 2017, 6, 181-184.	5.0	16
368	Polymeric Halogen-Bond-Based Donor Systems Showing Self-Healing Behavior in Thin Films. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4047-4051.	14.4	92
369	An Approach Toward Replacing Vanadium: A Single Organic Molecule for the Anode and Cathode of an Aqueous Redox-Flow Battery. <i>ChemistryOpen</i> , 2017, 6, 216-220.	2.6	78
370	High-Power-Density Organic Radical Batteries. <i>Topics in Current Chemistry</i> , 2017, 375, .	7.3	92
371	Poly(N-alkyl-3,6-carbazole)s via Suzuki-Miyaura Polymerization: From Macrocyclization toward End Functionalization. <i>Macromolecules</i> , 2017, 50, 1319-1330.	5.0	15
372	Energy versus Electron Transfer: Controlling the Excitation Transfer in Molecular Triads. <i>Chemistry - A European Journal</i> , 2017, 23, 4917-4922.	3.4	21
373	Hydrophilic Poly(naphthalene diimide)-Based Acceptor-Photosensitizer Dyads: Toward Water-Processible Modular Photoredox-Active Architectures. <i>Macromolecular Chemistry and Physics</i> , 2017, 218, .	2.4	10
374	Effect of the Degree of Quaternization and Molar Mass on the Cloud Point of Poly[2-(dimethylamino)ethyl methacrylate] Aqueous Solutions: A Systematic Investigation. <i>Macromolecular Chemistry and Physics</i> , 2017, 218, .	2.4	26
375	Tracing the fate and transport of secondary plant metabolites in a laboratory mesocosm experiment by employing mass spectrometric imaging. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 3807-3820.	3.4	12
376	Synthetic approaches towards structurally-defined electrochemically and (photo)redox-active polymer architectures. <i>Chemical Society Reviews</i> , 2017, 46, 2754-2798.	37.7	31
377	-Fructose-Decorated Poly(ethylene imine) for Human Breast Cancer Cell Targeting. <i>Macromolecular Bioscience</i> , 2017, 17, .	4.0	14
378	Spatial and Temporal Localization of Flavonoid Metabolites in Strawberry Fruit ( <i>Fragaria × ananassa</i> ). <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 3559-3568.	5.9	45

#	ARTICLE	IF	CITATIONS
379	Increased Charge Separation Rates with Increasing Donor–Acceptor Distance in Molecular Triads: The Effect of Solvent Polarity. <i>Journal of Physical Chemistry C</i> , 2017, 121, 9220-9229.	3.1	21
380	Surface chemistry of carboxylato-substituted metal oxo clusters – Model systems for nanoparticles. <i>Coordination Chemistry Reviews</i> , 2017, 350, 61-67.	23.1	51
381	Synthesis of d-fructose conjugated ligands via C6 and C1 and their corresponding [Ru(bpy)2(L)]Cl2 complexes. <i>Carbohydrate Research</i> , 2017, 446-447, 19-27.	2.2	5
382	Thermosensitive spontaneous gradient copolymers with block- and gradient-like features. <i>Polymer Chemistry</i> , 2017, 8, 5023-5032.	3.9	45
383	An Amphiphilic Ruthenium Polymetallo drug for Combined Photodynamic Therapy and Photochemotherapy In Vivo. <i>Advanced Materials</i> , 2017, 29, .	24.5	240
384	In situ monitoring of molecular changes during cell differentiation processes in marine macroalgae through mass spectrometric imaging. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 4893-4903.	3.4	20
385	Current Density and Heating Patterns in Organic Solar Cells Reproduced by Finite Element Modeling. <i>Solar Rrl</i> , 2017, 1, .	4.6	2
386	Mild electropolymerization and monitoring of continuous film formation for photoredox-active Ru metallopolymers. <i>Journal of Materials Chemistry C</i> , 2017, 5, 2636-2648.	5.1	11
387	3rd generation poly(ethylene imine)s for gene delivery. <i>Journal of Materials Chemistry B</i> , 2017, 5, 1258-1274.	5.5	46
388	Hydrodynamic Analysis Resolves the Pharmaceutically-Relevant Absolute Molar Mass and Solution Properties of Synthetic Poly(ethylene glycol)s Created by Varying Initiation Sites. <i>Analytical Chemistry</i> , 2017, 89, 1185-1193.	6.5	38
389	Site-Specific POxylation of Interleukin-4. <i>ACS Biomaterials Science and Engineering</i> , 2017, 3, 304-312.	5.3	45
390	A New Approach Toward Metal-Free Self-Healing Ionomers Based on Phosphate and Methacrylate Containing Copolymers. <i>Macromolecular Chemistry and Physics</i> , 2017, 218, .	2.4	16
391	Directed Orientation of Oligo(phenylene ethynylene)s Using Ureas or Urethanes in Rod-Coil Copolymers. <i>Macromolecular Chemistry and Physics</i> , 2017, 218, .	2.4	6
392	A multidonor–photosensitizer–multiacceptor triad for long-lived directional charge separation. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 28572-28578.	2.7	20
393	Molecular and structural analysis via hydrodynamic methods: Cationic poly(2-aminoethyl-methacrylate)s. <i>Polymer</i> , 2017, 131, 252-262.	4.1	6
394	Bifunctional Initiators as Tools to Track Chain Transfer during the CROP of 2-Oxazolines. <i>Macromolecular Rapid Communications</i> , 2017, 38, .	4.1	10
395	Ordered Arrangement and Optical Properties of Silica-Stabilized Gold Nanoparticle–PNIPAM Core–Satellite Clusters for Sensitive Raman Detection. <i>Small</i> , 2017, 13, .	11.5	18
396	Intrinsic self-healing polymers with a high E-modulus based on dynamic reversible urea bonds. <i>NPG Asia Materials</i> , 2017, 9, e420-e420.	7.4	119

#	ARTICLE	IF	CITATIONS
397	Metal-Polymer Hybrid Nanoparticles for Correlative High-Resolution Light and Electron Microscopy. Particle and Particle Systems Characterization, 2017, 34, .	2.8	2
398	Extending Long-Lived Charge Separation Between Donor and Acceptor Blocks in Novel Copolymer Architectures Featuring a Sensitizer Core. Chemistry - A European Journal, 2017, 23, 16484-16490.	3.4	20
399	Molecular Dyads and Triads Based on Phenothiazine and $\pi$ -Extended Tetrathiafulvalene Donors, Bis(terpyridine)ruthenium(II) Complexes, and Polyoxometalates. European Journal of Inorganic Chemistry, 2017, 2017, 3698-3706.	1.8	18
400	Uptake of Retinoic Acid-Modified PMMA Nanoparticles in LX-2 and Liver Tissue by Raman Imaging and Intravital Microscopy. Macromolecular Bioscience, 2017, 17, .	4.0	13
401	Polymerbasierte Halogenbrückendonoren mit selbstheilenden Eigenschaften in Filmen. Angewandte Chemie, 2017, 129, 4105-4110.	1.4	14
402	Polymersomes with Endosomal pH-Induced Vesicle-to-Micelle Morphology Transition and a Potential Application for Controlled Doxorubicin Delivery. Biomacromolecules, 2017, 18, 3280-3290.	5.1	38
403	RAFT polymerization and thio-bromo substitution: An efficient way towards well-defined glycopolymers. Journal of Polymer Science Part A, 2017, 55, 3617-3626.	2.3	5
404	Fast simultaneous assessment of renal and liver function using polymethine dyes in animal models of chronic and acute organ injury. Scientific Reports, 2017, 7, .	3.4	9
405	Absolute characteristics and conformation of cationic polymers by hydrodynamic approaches: Poly(AEMA-co-MAEMA-co-DMAEMA) copolymers. European Polymer Journal, 2017, 97, 347-355.	5.9	8
406	Mission ImPOxable - or the unknown utilization of non-toxic poly(2-oxazoline)s as cryoprotectants and surfactants at the same time. Journal of Materials Chemistry B, 2017, 5, 9102-9113.	5.5	14
407	Linear poly(ethylene imine)s: true molar masses, solution properties and conformation. Polymer Chemistry, 2017, 8, 7169-7179.	3.9	19
408	Retinol initiated poly(lactide)s: stability upon polymerization and nanoparticle preparation. Polymer Chemistry, 2017, 8, 4378-4387.	3.9	16
409	Land-use and fire drive temporal patterns of soil solution chemistry and nutrient fluxes. Science of the Total Environment, 2017, 605-606, 514-526.	8.4	26
410	Asymmetric Cyclometalated Rull Polypyridyl-Type Complexes with $\pi$ -Extended Carbanionic Donor Sets. Inorganic Chemistry, 2017, 56, 7720-7730.	4.6	13
411	Contributions of hard and soft blocks in the self-healing of metal-ligand-containing block copolymers. European Polymer Journal, 2017, 93, 417-427.	5.9	37
412	Local phytochemical response of <i>Musa acuminata</i> - <i>Abalbisiana Colla</i> cv. "Bluggoe" (ABB) to colonization by <i>Sternorrhyncha</i> . Phytochemistry, 2017, 133, 26-32.	3.1	5
413	All-Organic Battery Composed of Thianthrene- and TCAQ-Based Polymers. Advanced Energy Materials, 2017, 7, .	22.5	141
414	One-pot synthesis of electro-active polymer gels via Cu(0)-mediated radical polymerization and click chemistry. Polymer Chemistry, 2017, 8, 441-450.	3.9	17

#	ARTICLE	IF	CITATIONS
415	Bi-diketopyrrolopyrrole (Bi-DPP) as a novel electron accepting compound in low band gap $\pi$ -conjugated donor-acceptor copolymers/oligomers. <i>Designed Monomers and Polymers</i> , 2017, 20, 210-220.	2.1	1
416	Effect of ecosystem type and fire on chemistry of WEOM as measured by LDI-TOF-MS and NMR. <i>Talanta</i> , 2017, 162, 589-596.	5.9	6
417	Redox-Flow Batteries: From Metals to Organic Redox-Active Materials. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 686-711.	14.4	923
418	A Tubular Polymer Redox Flow Battery with a Ceramic Membrane. <i>Energy Technology</i> , 2017, 5, 225-227.	3.4	10
419	The influence of the grafting density of glycopolymers on the lectin binding affinity of block copolymer micelles. <i>Polymer</i> , 2017, 133, 205-212.	4.1	9
420	Exploring the Limits of the Geometric Copolymerization Model. <i>Polymers</i> , 2017, 9, 101.	4.5	1
421	Inhibitors of Deubiquitinating Enzymes Block HIV-1 Replication and Augment the Presentation of Gag-Derived MHC-I Epitopes. <i>Viruses</i> , 2017, 9, 222.	3.2	31
422	One-pot synthesis of PLA-b-PHEA via sequential ROP and RAFT polymerizations. <i>Polymer Chemistry</i> , 2017, 8, 6086-6098.	3.9	20
423	Proteolysis of mature HIV-1 p6 Gag protein by the insulin-degrading enzyme (IDE) regulates virus replication in an Env-dependent manner. <i>PLoS ONE</i> , 2017, 12, e0174254.	2.3	9
424	$\text{PtPd}$ Nanoparticles Synthesized by Galvanic Replacement. <i>Advances in Nanoparticles</i> , 2017, 06, 75-91.	0.9	3
425	Role of the post-annealing conditions on the conductivity of niobium doped titanium dioxide electrodes prepared by sol-gel and their function in organic solar cells. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2017, 14, 1700011.	0.7	0
426	Ion Channel Activity of Vpu Proteins Is Conserved throughout Evolution of HIV-1 and SIV. <i>Viruses</i> , 2016, 8, 325.	3.2	10
427	Glutamic Acid Residues in HIV-1 p6 Regulate Virus Budding and Membrane Association of Gag. <i>Viruses</i> , 2016, 8, 117.	3.2	13
428	New Statistical Models for Copolymerization. <i>Polymers</i> , 2016, 8, 240.	4.5	5
429	Revisiting the crystallization of poly(2-alkyl-2-oxazoline)s. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2016, 54, 721-729.	2.6	24
430	Preparation of non-spherical particles from amphiphilic block copolymers. <i>Journal of Polymer Science Part A</i> , 2016, 54, 750-757.	2.3	22
431	Selective Uptake of a Fructose Glycopolymer Prepared by RAFT Polymerization into Human Breast Cancer Cells. <i>Macromolecular Bioscience</i> , 2016, 16, 508-521.	4.0	33
432	Assorted Phenoxy-Radical Polymers and Their Application in Lithium-Organic Batteries. <i>Macromolecular Rapid Communications</i> , 2016, 37, 725-730.	4.1	22

#	ARTICLE	IF	CITATIONS
433	End-functionalized polylactides using a calcium-based precatalyst: Synthesis and insights by mass spectrometry. <i>Journal of Polymer Science Part A</i> , 2016, 54, 437-448.	2.3	21
434	Gold Nanoparticle Cluster Arrays for High-Performance SERS Substrates Fabricated by Electro-oxidative Lithography. <i>ChemNanoMat</i> , 2016, 2, 781-785.	2.5	10
435	Iridium(III) Complexes of Terpyridine- and Terpyridine-Analogous Ligands Bearing Sugar Residues and Their in vitro Activity. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 3480-3488.	1.8	14
436	Intra- and inter-supramolecular complexation of poly(butyl methacrylate)-co-(1,2,3-triazol-4-yl)pyridine copolymers induced by CoII, FeII, and EuIII ions monitored by molecular hydrodynamics methods. <i>Journal of Polymer Science Part A</i> , 2016, 54, 2632-2639.	2.3	5
437	Aqueous zinc-organic polymer battery with a high rate performance and long lifetime. <i>NPG Asia Materials</i> , 2016, 8, e283-e283.	7.4	169
438	Reversible Nanopatterning on Polypyrrole Films by Atomic Force Microscope Electrochemical Lithography. <i>Advanced Functional Materials</i> , 2016, 26, 614-619.	17.0	15
439	Significant Factors in the Inkjet Manufacture of Frequency-Selective Surfaces. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2016, 6, 933-940.	1.7	21
440	Conditional repair by locally switching the thermal healing capability of dynamic covalent polymers with light. <i>Nature Communications</i> , 2016, 7, .	13.7	104
441	Wasserbasierte Redox-Flow-Batterie mit hoher Kapazität und Leistung: das TEMPTMA/MV-System. <i>Angewandte Chemie</i> , 2016, 128, 14639-14643.	1.4	51
442	Immobilized glycopolymers: Synthesis, methods and applications. <i>Progress in Polymer Science</i> , 2016, 57, 64-102.	25.1	43
443	Polymer architectures via mass spectrometry and hyphenated techniques: A review. <i>Analytica Chimica Acta</i> , 2016, 932, 1-21.	5.7	87
444	Synthesis and characterization of metallo-supramolecular polymers. <i>Chemical Society Reviews</i> , 2016, 45, 5311-5357.	37.7	388
445	Efficient Energy Transfer and Metal Coupling in Cyanide-Bridged Heterodinuclear Complexes Based on (Bipyridine)(terpyridine)ruthenium(II) and (Phenylpyridine)iridium(III) Complexes. <i>Inorganic Chemistry</i> , 2016, 55, 5152-5167.	4.6	22
446	Multigrid MALDI mass spectrometry imaging (mMALDI MSI). <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 3769-3781.	3.4	11
447	Modular Assembly of Poly(naphthalene diimide) and Ru(II) Dyes for an Efficient Light-Induced Charge Separation in Hierarchically Controlled Polymer Architectures. <i>Macromolecules</i> , 2016, 49, 2112-2123.	5.0	18
448	Specific Surface versus Electrochemically Active Area of the Carbon/Polypyrrole Capacitor: Correlation of Ion Dynamics Studied by an Electrochemical Quartz Crystal Microbalance with BET Surface. <i>Langmuir</i> , 2016, 32, 4440-4449.	3.6	54
449	Poly(boron-dipyrromethene)-A Redox-Active Polymer Class for Polymer Redox-Flow Batteries. <i>Chemistry of Materials</i> , 2016, 28, 3401-3405.	6.7	109
450	HD DVD substrates for surface enhanced Raman spectroscopy analysis: fabrication, theoretical predictions and practical performance. <i>RSC Advances</i> , 2016, 6, 44163-44169.	4.4	15

#	ARTICLE	IF	CITATIONS
451	Polymerization of ethylene oxide under controlled monomer addition via a mass flow controller for tailor made polyethylene oxides. <i>Polymer Chemistry</i> , 2016, 7, 4063-4071.	3.9	13
452	Dual Responsive Nanoparticles from a RAFT Copolymer Library for the Controlled Delivery of Doxorubicin. <i>Macromolecules</i> , 2016, 49, 3856-3868.	5.0	29
453	Assessment of different basis sets and DFT functionals for the calculation of structural parameters, vibrational modes and ligand binding energies of Zr <sub>4</sub> O <sub>2</sub> (carboxylate) <sub>12</sub> clusters. <i>Computational and Theoretical Chemistry</i> , 2016, 1084, 162-168.	2.5	35
454	Trace detection of tetrahydrocannabinol (THC) with a SERS-based capillary platform prepared by the in situ microwave synthesis of AgNPs. <i>Analytica Chimica Acta</i> , 2016, 939, 93-100.	5.7	54
455	BRP-187: A potent inhibitor of leukotriene biosynthesis that acts through impeding the dynamic 5-lipoxygenase/5-lipoxygenase-activating protein (FLAP) complex assembly. <i>Biochemical Pharmacology</i> , 2016, 119, 17-26.	5.1	42
456	Facile carbohydrate-mimetic modifications of poly(ethylene imine) carriers for gene delivery applications. <i>Polymer Chemistry</i> , 2016, 7, 5862-5872.	3.9	12
457	Crossing the blood-brain barrier: Glutathione-conjugated poly(ethylene imine) for gene delivery. <i>Journal of Controlled Release</i> , 2016, 241, 1-14.	11.0	61
458	LCST Behavior of Symmetrical PNIPAm-b-PETox-b-PNIPAm Triblock Copolymers. <i>Macromolecules</i> , 2016, 49, 7257-7267.	5.0	61
459	Dyads and Triads Based on Phenothiazine, Bis(terpyridine)ruthenium(II) Complexes, and Fullerene. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 5132-5142.	1.8	9
460	Self-Healing Polymer Networks Based on Reversible Michael Addition Reactions. <i>Macromolecular Chemistry and Physics</i> , 2016, 217, 2541-2550.	2.4	61
461	Synthesis and in vitro Toxicity of d-Glucose and d-Fructose Conjugated Curcumin-Ruthenium Complexes. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 5197-5204.	1.8	18
462	Polymer-Based Organic Batteries. <i>Chemical Reviews</i> , 2016, 116, 9438-9484.	52.6	1,099
463	Oxime crosslinked polymer networks: Is every reversible covalent bond suitable to create self-healing polymers?. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	2.7	20
464	Directional Solidification with Constant Ice Front Velocity in the Ice-Templating Process. <i>Advanced Engineering Materials</i> , 2016, 18, 111-120.	2.9	33
465	Investigation of Ice-Templated Porous Electrodes for Application in Organic Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 23614-23623.	8.0	27
466	ZnO Nanostructures for Dye-Sensitized Solar Cells Using the TEMPO+/TEMPO Redox Mediator and Ruthenium(II) Photosensitizers with 1,2,3-Triazole-Derived Ligands. <i>ChemPlusChem</i> , 2016, 81, 1281-1291.	2.6	17
467	Safety and regulatory review of dyes commonly used as excipients in pharmaceutical and nutraceutical applications. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 93, 264-273.	4.3	81
468	Fluorescent amphiphilic heterografted comb polymers comprising biocompatible PLA and PETox side chains. <i>Polymer Chemistry</i> , 2016, 7, 6064-6074.	3.9	26

#	ARTICLE	IF	CITATIONS
469	Antenna-Enhanced Triplet-State Emission of Individual Mononuclear Ruthenium(II)-Bis-terpyridine Complexes Reveals Their Heterogeneous Photophysical Properties in the Solid State. <i>ACS Photonics</i> , 2016, 3, 1897-1906.	6.0	9
470	Site-Specific Chemical Surface Functionalization and Electronic Patterning of Graphene by Electrooxidative Lithography. <i>ChemPhysChem</i> , 2016, 17, 2863-2871.	1.9	2
471	An aqueous, polymer-based redox-flow battery using non-corrosive, safe, and low-cost materials. <i>Nature</i> , 2016, 534, S9-S10.	37.9	13
472	Thermodynamic compatibility of actives encapsulated into PEG-PLA nanoparticles: In Silico predictions and experimental verification. <i>Journal of Computational Chemistry</i> , 2016, 37, 2220-2227.	4.8	15
473	TEMPO/Phenazine Combi-Molecule: A Redox-Active Material for Symmetric Aqueous Redox-Flow Batteries. <i>ACS Energy Letters</i> , 2016, 1, 976-980.	17.0	186
474	Poly(N-alkyl-3,6-carbazole)s via Kumada Catalyst Transfer Polymerization: Impact of Metal-Halogen Exchange. <i>Macromolecules</i> , 2016, 49, 8801-8811.	5.0	8
475	Microwave-assisted preparation of carbon nanofiber-functionalized graphite felts as electrodes for polymer-based redox-flow batteries. <i>Journal of Power Sources</i> , 2016, 335, 155-161.	7.9	20
476	An Aqueous Redox-Flow Battery with High Capacity and Power: The TEMPTMA/MV System. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14427-14430.	14.4	453
477	A Metal Salt Dependent Self-Healing Response in Supramolecular Block Copolymers. <i>Macromolecules</i> , 2016, 49, 8418-8429.	5.0	37
478	Synthesis and characterization of colored EUDRAGIT® as enteric coating material. <i>Journal of Polymer Science Part A</i> , 2016, 54, 2386-2393.	2.3	3
479	Abundance correction for mass discrimination effects in polymer mass spectra. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 1233-1241.	1.4	7
480	Poly(TEMPO)/Zinc Hybrid-Flow Battery: A Novel, "Green," High Voltage, and Safe Energy Storage System. <i>Advanced Materials</i> , 2016, 28, 2238-2243.	24.5	243
481	A new fluorescent dye for cell tracing and mitochondrial imaging in vitro and in vivo. <i>Journal of Biophotonics</i> , 2016, 9, 888-900.	2.0	7
482	Nanoscale Materials Patterning by Local Electrochemical Lithography. <i>Advanced Engineering Materials</i> , 2016, 18, 890-902.	2.9	36
483	Molecular self-healing mechanisms between C60-fullerene and anthracene unveiled by Raman and two-dimensional correlation spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 17973-17982.	2.7	19
484	Cationic ring-opening polymerization of protected oxazolidine imines resulting in gradient copolymers of poly(2-oxazoline) and poly(urea). <i>Polymer Chemistry</i> , 2016, 7, 4924-4936.	3.9	6
485	Aryl-Decorated Rull Polypyridyl-type Photosensitizer Approaching NIR Emission with Microsecond Excited State Lifetimes. <i>Inorganic Chemistry</i> , 2016, 55, 5405-5416.	4.6	29
486	Antibacterial effect of silver (I) carbohydrate complexes on oral pathogenic key species in vitro. <i>BMC Oral Health</i> , 2016, 16, .	2.8	6

#	ARTICLE	IF	CITATIONS
487	Poly(DCAQI): Synthesis and characterization of a new redox-active polymer. Journal of Polymer Science Part A, 2016, 54, 1998-2003.	2.3	8
488	Synthesis and electrochemical properties of novel redox-active polymers with anthraquinone moieties by Pd-catalyzed cyclopolymerization of dienes. Journal of Polymer Science Part A, 2016, 54, 2184-2190.	2.3	17
489	Polymer/zinc hybrid-flow battery using block copolymer micelles featuring a TEMPO corona as catholyte. Polymer Chemistry, 2016, 7, 1711-1718.	3.9	94
490	Impact of PEG and PEG- b -PAGE modified PLGA on nanoparticle formation, protein loading and release. International Journal of Pharmaceutics, 2016, 500, 187-195.	4.7	38
491	4,5-Diarylisoxazol-3-carboxylic acids: A new class of leukotriene biosynthesis inhibitors potentially targeting 5-lipoxygenase-activating protein (FLAP). European Journal of Medicinal Chemistry, 2016, 113, 1-10.	5.3	52
492	Stimulated Emission Depletion Lithography with Mercapto-Functional Polymers. ACS Nano, 2016, 10, 1954-1959.	15.3	52
493	Glycopolymer-Functionalized Cryogels as Catch and Release Devices for the Pre-Enrichment of Pathogens. ACS Macro Letters, 2016, 5, 326-331.	5.0	30
494	Cellular uptake of PLA nanoparticles studied by light and electron microscopy: synthesis, characterization and biocompatibility studies using an iridium(iii) complex as correlative label. Chemical Communications, 2016, 52, 4361-4364.	3.4	13
495	Antigen delivery via hydrophilic PEG- b -PAGE- b -PLGA nanoparticles boosts vaccination induced T cell immunity. European Journal of Pharmaceutics and Biopharmaceutics, 2016, 102, 20-31.	4.0	56
496	Microwave-Assisted Silver Nanoparticle Film Formation for SERS Applications. Journal of Physical Chemistry C, 2016, 120, 1237-1244.	3.1	31
497	Energy transfer and formation of long-lived 3MLCT states in multimetallic complexes with extended highly conjugated bis-terpyridyl ligands. Physical Chemistry Chemical Physics, 2016, 18, 2350-2360.	2.7	30
498	Metal complexes of curcumin and curcumin derivatives for molecular imaging and anticancer therapy. Coordination Chemistry Reviews, 2016, 307, 32-41.	23.1	118
499	Functionalized PEG- b -PAGE- b -PLGA triblock terpolymers as materials for nanoparticle preparation. Journal of Polymer Science Part A, 2015, 53, 2163-2174.	2.3	9
500	RAFT made methacrylate copolymers for reversible pH-responsive nanoparticles. Journal of Polymer Science Part A, 2015, 53, 2711-2721.	2.3	22
501	Synthesis and Modification of Carbon Nanomaterials utilizing Microwave Heating. Advanced Materials, 2015, 27, 4113-4141.	24.5	332
502	Main-Chain Chiral Poly(2-oxazoline)s: Influence of Alkyl Side-Chain on Secondary Structure Formation in the Solid State. Macromolecular Symposia, 2015, 350, 43-54.	0.7	3
503	Lab in a Tube: Purification, Amplification, and Detection of DNA Using Poly(2-oxazoline) Multilayers. Advanced Functional Materials, 2015, 25, 2458-2466.	17.0	17
504	Reversible Calcium(II)-Ion Binding through an Apparent pK <sub>a</sub> Shift of Thermosensitive Block-Copolymer Micelles. Angewandte Chemie, 2015, 127, 14291-14295.	1.4	3

#	ARTICLE	IF	CITATIONS
505	Sensitization of NO-Releasing Ruthenium Complexes to Visible Light. <i>Chemistry - A European Journal</i> , 2015, 21, 15554-15563.	3.4	17
506	Poly[N-(10-oxo-2-vinylanthracen-9(10H)-ylidene)cyanamide] as a novel cathode material for lithium-organic batteries. <i>Journal of Polymer Science Part A</i> , 2015, 53, 2517-2523.	2.3	15
507	Reversible Calcium(II)-Ion Binding through an Apparent pKa Shift of Thermosensitive Block-Copolymer Micelles. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 14085-14089.	14.4	19
508	Two-dimensional Raman correlation spectroscopy reveals molecular structural changes during temperature-induced self-healing in polymers based on the Diels-Alder reaction. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 22587-22595.	2.7	43
509	Star-shaped poly(2-ethyl-2-oxazoline) featuring a porphyrin core: synthesis and metal complexation. <i>E-Polymers</i> , 2015, 15, 227-235.	3.1	14
510	High resolution mass spectrometry imaging reveals the occurrence of phenylphenalenone-type compounds in red paracytic stomata and red epidermis tissue of <i>Musa acuminata</i> ssp. <i>zebrina</i> cv. 'Rowe Red'. <i>Phytochemistry</i> , 2015, 116, 239-245.	3.1	24
511	Electrodeposited palladium on MWCNTs as a semi-soluble heterogeneous catalyst for cross-coupling reactions. <i>Tetrahedron Letters</i> , 2015, 56, 4084-4087.	1.4	14
512	Retention of the Cluster Core Structure during Ligand Exchange Reactions of Carboxylato-Substituted Metal Oxo Clusters. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 2145-2151.	1.8	30
513	Novel workflow for combining Raman spectroscopy and MALDI-MSI for tissue based studies. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 7865-7873.	3.4	41
514	Fluorinated Boronic Acid-Appended Bipyridinium Salts for Diol Recognition and Discrimination via 19F NMR Barcodes. <i>Journal of the American Chemical Society</i> , 2015, 137, 15402-15405.	15.0	48
515	Toward Anisotropic Hybrid Materials: Directional Crystallization of Amphiphilic Polyoxazoline-Based Triblock Terpolymers. <i>ACS Nano</i> , 2015, 9, 10085-10098.	15.3	31
516	The Self-Healing Potential of Triazole-Pyridine-Based Metallopolymers. <i>Macromolecular Rapid Communications</i> , 2015, 36, 604-609.	4.1	39
517	Synthesis, characterization and charge-discharge studies of ferrocene-containing poly(fluorenylethynylene) derivatives as organic cathode materials. <i>Polymer</i> , 2015, 68, 328-334.	4.1	36
518	Towards Hydrogen Evolution Initiated by LED Light: 1,2,3-Triazole(4-yl)pyridine-Containing Polymers as Photocatalyst. <i>Macromolecular Rapid Communications</i> , 2015, 36, 671-677.	4.1	19
519	Photoredox-active Dyads Based on a Ru(II) Photosensitizer Equipped with Electron Donor or Acceptor Polymer Chains: A Spectroscopic Study of Light-Induced Processes toward Efficient Charge Separation. <i>Journal of Physical Chemistry C</i> , 2015, 119, 4742-4751.	3.1	42
520	Anion Receptors Based on Halogen Bonding with Halo-1,2,3-triazoliums. <i>Journal of Organic Chemistry</i> , 2015, 80, 3139-3150.	3.5	101
521	Dithiophenedione-Containing Polymers for Battery Application. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 3473-3479.	8.0	94
522	Molecular and Structural Characterization of Hybrid Poly(ethylene oxide)-Polyhedral Oligomeric Silesquioxanes Star-Shaped Macromolecules. <i>Journal of Physical Chemistry B</i> , 2015, 119, 1669-1680.	2.7	12

#	ARTICLE	IF	CITATIONS
523	Physicochemical characterization of the thermo-induced self-assembly of thermo-responsive PDMAEMA-b-PDEGMA copolymers. <i>Journal of Polymer Science Part A</i> , 2015, 53, 924-935.	2.3	19
524	Stabilization of factor VIII by poly(2-oxazoline) hydrogels. <i>Journal of Polymer Science Part A</i> , 2015, 53, 10-14.	2.3	18
525	Inkjet printed paper based frequency selective surfaces and skin mounted RFID tags: the interrelation between silver nanoparticle ink, paper substrate and low temperature sintering technique. <i>Journal of Materials Chemistry C</i> , 2015, 3, 2132-2140.	5.1	77
526	Stimuli-responsive behavior of micelles prepared from a poly(vinyl alcohol)-block-poly(acrylic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622	5.9	17
527	Mechanisms and kinetics of the crystal thickening of poly(butadiene)-block-poly(ethylene oxide) during annealing within the melting range. <i>European Polymer Journal</i> , 2015, 68, 10-20.	5.9	8
528	Synthesis and characterization of new redox-active polymers based on 10-(1,3-dithiol-2-ylidene)anthracen-9(10H)-one derivatives. <i>Polymer</i> , 2015, 68, 321-327.	4.1	12
529	COCONUTâ€”An Efficient Tool for Estimating Copolymer Compositions from Mass Spectra. <i>Analytical Chemistry</i> , 2015, 87, 5223-5231.	6.5	23
530	MALDI mass spectrometric imaging meets â€œomicsâ€” recent advances in the fruitful marriage. <i>Analyst</i> , 2015, 140, 5806-5820.	3.1	37
531	Synthesis, Separation, and Hypermethod Characterization of Gold Nanoparticle Dimers Connected by a Rigid Rod Linker. <i>Journal of Physical Chemistry C</i> , 2015, 119, 17809-17817.	3.1	18
532	Acyhydrazones as Reversible Covalent Crosslinkers for Self-Healing Polymers. <i>Advanced Functional Materials</i> , 2015, 25, 3295-3301.	17.0	244
533	Multifunctional poly(methacrylate) polyplex libraries: A platform for gene delivery inspired by nature. <i>Journal of Controlled Release</i> , 2015, 209, 1-11.	11.0	20
534	MALDI imaging-based classification of hepatocellular carcinoma and non-malignant lesions in fibrotic liver tissue. <i>Zeitschrift Fur Gastroenterologie</i> , 2015, 53, 33-39.	0.3	19
535	Block Copolymers for Directional Charge Transfer: Synthesis, Characterization, and Electrochemical Properties of Redox-Active Triarylamines. <i>Macromolecules</i> , 2015, 48, 1963-1971.	5.0	14
536	Tuning the self-healing behavior of one-component intrinsic polymers. <i>Polymer</i> , 2015, 69, 321-329.	4.1	41
537	Amphiphilic star-shaped brushes based on block copolymers-molecular micelles for the delivery of drugs: Hydrodynamic studies. <i>Polymer Science - Series A</i> , 2015, 57, 115-122.	0.9	3
538	The correlation of the binding mechanism of the polypyrroleâ€”carbon capacitive interphase with electrochemical stability of the composite electrode. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 13323-13332.	2.7	31
539	Self-healing response in supramolecular polymers based on reversible zincâ€”histidine interactions. <i>Polymer</i> , 2015, 69, 274-282.	4.1	71
540	Schizophrenic thermoresponsive block copolymer micelles based on LCST and UCST behavior in ethanolâ€”water mixtures. <i>European Polymer Journal</i> , 2015, 69, 460-471.	5.9	27

#	ARTICLE	IF	CITATIONS
541	Core cross-linked nanogels based on the self-assembly of double hydrophilic poly(2-oxazoline) block copolymers. <i>Journal of Materials Chemistry B</i> , 2015, 3, 1748-1759.	5.5	25
542	New Ruthenium Bis(terpyridine) Methanofullerene and Pyrrolidinofullerene Complexes: Synthesis and Electrochemical and Photophysical Properties. <i>Inorganic Chemistry</i> , 2015, 54, 3159-3171.	4.6	25
543	Carbonyls: Powerful Organic Materials for Secondary Batteries. <i>Advanced Energy Materials</i> , 2015, 5, .	22.5	769
544	Shape memory polymers: Past, present and future developments. <i>Progress in Polymer Science</i> , 2015, 49-50, 3-33.	25.1	876
545	Detailed MALDI comparison of NiPAm glycopolymers. <i>European Polymer Journal</i> , 2015, 71, 325-335.	5.9	1
546	Correlation between scratch healing and rheological behavior for terpyridine complex based metallopolymers. <i>Journal of Materials Chemistry A</i> , 2015, 3, 22145-22153.	9.3	85
547	Reversible oligomerization of 3-aryl-2-cyanothioacrylamides via [2s + 4s] cycloaddition to substituted 3,4-dihydro-2H-thiopyrans. <i>Designed Monomers and Polymers</i> , 2015, 18, 627-640.	2.1	4
548	Microwave synthesis of carbon nanofibers – the influence of MW irradiation power, time, and the amount of catalyst. <i>Journal of Materials Chemistry A</i> , 2015, 3, 23778-23787.	9.3	34
549	Micropatterns of [Fe-Fe]-Hydrogenase Active-Site Model Complexes Fabricated by Electro-Oxidative Lithography. <i>Langmuir</i> , 2015, 31, 11748-11753.	3.6	3
550	Synthesis and characterization of TEMPO- and viologen-polymers for water-based redox-flow batteries. <i>Polymer Chemistry</i> , 2015, 6, 7801-7811.	3.9	129
551	An aqueous, polymer-based redox-flow battery using non-corrosive, safe, and low-cost materials. <i>Nature</i> , 2015, 527, 78-81.	37.9	904
552	Incorporation of core-shell particles into methacrylate based composites for improvement of the mechanical properties. <i>Polymer Chemistry</i> , 2015, 6, 5273-5280.	3.9	17
553	Biological evaluation of 1,2,3-triazole-based polymers for potential applications as hard tissue material. <i>Journal of Polymer Science Part A</i> , 2015, 53, 1843-1847.	2.3	8
554	Comparison of the uptake of methacrylate-based nanoparticles in static and dynamic in vitro systems as well as in vivo. <i>Journal of Controlled Release</i> , 2015, 216, 158-168.	11.0	40
555	Enhancing the Biocompatibility and Biodegradability of Linear Poly(ethylene imine) through Controlled Oxidation. <i>Macromolecules</i> , 2015, 48, 7420-7427.	5.0	25
556	The influence of polymer architecture on in vitro pDNA transfection. <i>Journal of Materials Chemistry B</i> , 2015, 3, 7477-7493.	5.5	74
557	Nanostructured organic radical cathodes from self-assembled nitroxide-containing block copolymer thin films. <i>Journal of Materials Chemistry A</i> , 2015, 3, 19575-19581.	9.3	28
558	Hyperbranched Poly(ethylene glycol) Copolymers: Absolute Values of the Molar Mass, Properties in Dilute Solution, and Hydrodynamic Homology. <i>Macromolecules</i> , 2015, 48, 5887-5898.	5.0	34

#	ARTICLE	IF	CITATIONS
559	Large-area wet-chemical deposition of nanoporous tungstic silica coatings. <i>Journal of Materials Chemistry C</i> , 2015, 3, 10031-10039.	5.1	4
560	Biodistribution of size-selected lyophilisomes in mice. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 94, 141-151.	4.0	4
561	The effect of 3-amino benzoic acid linker and the reversal of donor-acceptor pairs on the electrochemical performance and stability of covalently bonded poly(pyrrole) nanotubes. <i>Polymer</i> , 2015, 77, 289-296.	4.1	7
562	Preorganization in a Cleft-Type Anion Receptor Featuring Iodo-1,2,3-Triazoles As Halogen Bond Donors. <i>Organic Letters</i> , 2015, 17, 5740-5743.	4.8	43
563	Homoleptic Tris( $\eta^5$ -alkanediy)l yttrates of the Type $[\text{Li}(\text{dme})_3\{\text{Y}(\text{CH}_2\text{-X-CH}_2)_3\}]$ (X = C <sub>2</sub> H <sub>4</sub> , C <sub>3</sub> H <sub>6</sub> , Si(CH <sub>3</sub> ) <sub>2</sub> ). <i>Organometallics</i> , 2015, 34, 23-31.	2.9	9
564	Covalently cross-linked poly(2-oxazoline) materials for biomedical applications – from hydrogels to self-assembled and templated structures. <i>Journal of Materials Chemistry B</i> , 2015, 3, 526-538.	5.5	76
565	A Cationic Poly(2-oxazoline) with High In Vitro Transfection Efficiency Identified by a Library Approach. <i>Macromolecular Bioscience</i> , 2015, 15, 414-425.	4.0	36
566	Metal-Free Electrocatalyst for Oxygen Reduction: Synthesis-Controlled Density of Catalytic Centers and Impact on ORR. <i>Electroanalysis</i> , 2014, 26, 2567-2573.	2.2	9
567	Mutation of the Highly Conserved Ser-40 of the HIV-1 p6 Gag Protein to Phe Causes the Formation of a Hydrophobic Patch, Enhances Membrane Association, and Polyubiquitination of Gag. <i>Viruses</i> , 2014, 6, 3738-3765.	3.2	8
568	Synthesis of Functional Tripodal Thioacetates. <i>Synthesis</i> , 2014, 46, 3315-3318.	2.3	1
569	Synthesis of a Rigid Tetrahedral Linker with Thioether End Groups. <i>Synthesis</i> , 2014, 46, 475-478.	2.3	1
570	Structure-Property Relationships in an Iridium(III) Bis(Terpyridine) Complex with Extended Conjugated Side chains. <i>Journal of Physical Chemistry A</i> , 2014, 118, 12137-12148.	2.5	6
571	Poly(exTTF): A Novel Redox-Active Polymer as Active Material for Li-Organic Batteries. <i>Macromolecular Rapid Communications</i> , 2014, 35, 1367-1371.	4.1	42
572	Glycoconjugated Rhenium(I) and 99mTc Technetium(I) Carbonyl Complexes from Pyridyltriazole Ligands Obtained by Click Chemistry. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 6290-6297.	1.8	13
573	Poly(methacrylates) with Pendant Benzoquinone Units – Monomer Synthesis, Polymerization, and Electrochemical Behavior: Potential New Polymer Systems for Organic Batteries. <i>Macromolecular Chemistry and Physics</i> , 2014, 215, 1250-1256.	2.4	12
574	Poly(2-vinyl pyridine)-block-Poly(ethylene oxide) Featuring a Furan Group at the Block Junction – Synthesis and Functionalization. <i>Macromolecular Rapid Communications</i> , 2014, 35, 916-921.	4.1	11
575	Cell type-specific delivery of short interfering RNAs by dye-functionalised theranostic nanoparticles. <i>Nature Communications</i> , 2014, 5, .	13.7	61
576	Copper(II) ethylene glycol carboxylates as precursors for inkjet printing of conductive copper patterns. <i>Thin Solid Films</i> , 2014, 565, 143-148.	1.9	42

#	ARTICLE	IF	CITATIONS
577	Dextran-graft-linear poly(ethylene imine)s for gene delivery: Importance of the linking strategy. <i>Carbohydrate Polymers</i> , 2014, 113, 597-606.	12.2	33
578	Synthesis and in vitro activity of platinum containing 2-oxazoline-based glycopolymers. <i>Journal of Polymer Science Part A</i> , 2014, 52, 2703-2714.	2.3	13
579	Amphiphilic N-methylimidazole-functionalized diblock copolythiophenes. <i>European Polymer Journal</i> , 2014, 53, 206-214.	5.9	21
580	Designing Cyclometalated Ruthenium(II) Complexes for Anodic Electropolymerization. <i>Chemistry - A European Journal</i> , 2014, 20, 2357-2366.	3.4	23
581	ZnBr <sub>2</sub> -mediated synthesis of indoles in a ball mill by intramolecular hydroamination of 2-alkynylanilines. <i>RSC Advances</i> , 2014, 4, 13126.	4.4	38
582	Self-Assembling Doxorubicin-Tocopherol Succinate Prodrug as a New Drug Delivery System: Synthesis, Characterization, and in Vitro and in Vivo Anticancer Activity. <i>Bioconjugate Chemistry</i> , 2014, 25, 72-81.	3.8	96
583	Efficient Cu(I) acetate-catalyzed cycloaddition of multifunctional alkynes and azides: From solution to bulk polymerization. <i>Journal of Polymer Science Part A</i> , 2014, 52, 239-247.	2.3	24
584	Survey of Plasmonic Nanoparticles: From Synthesis to Application. <i>Particle and Particle Systems Characterization</i> , 2014, 31, 721-744.	2.8	43
585	Alternative sintering methods compared to conventional thermal sintering for inkjet printed silver nanoparticle ink. <i>Thin Solid Films</i> , 2014, 556, 452-459.	1.9	175
586	Synthesis and Characterization of Poly(phenylacetylene)s with Ru(II) Bis-Terpyridine Complexes in the Side-Chain. <i>Macromolecular Rapid Communications</i> , 2014, 35, 747-751.	4.1	7
587	Monitoring the chemistry of self-healing by vibrational spectroscopy – current state and perspectives. <i>Materials Today</i> , 2014, 17, 57-69.	14.0	65
588	A rheological and spectroscopic study on the kinetics of self-healing in a single-component diels-alder copolymer and its underlying chemical reaction. <i>Journal of Polymer Science Part A</i> , 2014, 52, 1669-1675.	2.3	91
589	Tunable synthesis of poly(ethylene imine)-gold nanoparticle clusters. <i>Chemical Communications</i> , 2014, 50, 88-90.	3.4	50
590	Novel Insights Into Appropriate Encapsulation Methods for Bioactive Compounds Into Polymers: A Study With Peptides and HDAC Inhibitors. <i>Macromolecular Bioscience</i> , 2014, 14, 69-80.	4.0	11
591	“Polymeromics”: Mass spectrometry based strategies in polymer science toward complete sequencing approaches: A review. <i>Analytica Chimica Acta</i> , 2014, 808, 56-69.	5.7	64
592	Poly(ethylene oxide) (PEO)-based ABC triblock terpolymers – synthetic complexity vs. application benefits. <i>Polymer Chemistry</i> , 2014, 5, 2647-2662.	3.9	53
593	Beyond click chemistry – supramolecular interactions of 1,2,3-triazoles. <i>Chemical Society Reviews</i> , 2014, 43, 2522.	37.7	759
594	Phenalenone-type phytoalexins mediate resistance of banana plants ( <i>Musa</i> ) to <i>Radopholus similis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 105-110.	7.5	147

#	ARTICLE	IF	CITATIONS
595	Light-harvesting of polymerizable 4-hydroxy-1,3-thiazole monomers by energy transfer toward photoactive Os(II) metal complexes in linear polymers. <i>Polymer Chemistry</i> , 2014, 5, 2715-2724.	3.9	22
596	Metal-Free Cycloaddition of Internal Alkynes and Multifunctional Azides Under Solvent-Free Conditions. <i>Macromolecular Chemistry and Physics</i> , 2014, 215, 1603-1608.	2.4	29
597	One pot synthesis of higher order quasi-block copolymer libraries via sequential RAFT polymerization in an automated synthesizer. <i>Polymer Chemistry</i> , 2014, 5, 5236-5246.	3.9	79
598	Polymers with n-type nitroxide side groups: Synthesis and electrochemical characterization. <i>European Polymer Journal</i> , 2014, 61, 105-112.	5.9	16
599	Blocked isocyanates: an efficient tool for post-polymerization modification of polymers. <i>Polymer Chemistry</i> , 2014, 5, 2574.	3.9	19
600	Amine end-functionalized poly(2-ethyl-2-oxazoline) as promising coating material for antifouling applications. <i>Journal of Materials Chemistry B</i> , 2014, 2, 4883-4893.	5.5	73
601	Zwitterionic poly(2-oxazoline)s as promising candidates for blood contacting applications. <i>Polymer Chemistry</i> , 2014, 5, 5751-5764.	3.9	37
602	Toward pH-Responsive Coating Materials—High-Throughput Study of (Meth)acrylic Copolymers. <i>ACS Combinatorial Science</i> , 2014, 16, 386-392.	4.6	8
603	PolyTCAQ in organic batteries: enhanced capacity at constant cell potential using two-electron-redox-reactions. <i>Journal of Materials Chemistry A</i> , 2014, 2, 8999-9001.	9.3	39
604	Towards single-pass plasma sintering: temperature influence of atmospheric pressure plasma sintering of silver nanoparticle ink. <i>Journal of Materials Chemistry C</i> , 2014, 2, 1642.	5.1	37
605	Self-healing mechanism of metallopolymers investigated by QM/MM simulations and Raman spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 12422.	2.7	55
606	Semi-automated multi-dimensional characterization of synthetic copolymers. <i>European Polymer Journal</i> , 2014, 60, 153-162.	5.9	2
607	Plasmonic nanoparticle clusters with tunable plasmonic resonances in the visible spectral region. <i>Journal of Materials Chemistry C</i> , 2014, 2, 6415.	5.1	14
608	How the Calorimetric Properties of a Crystalline Copolymer Correlate to Its Surface Nanostructures. <i>Macromolecules</i> , 2014, 47, 1705-1714.	5.0	9
609	Physicochemical Analysis of Ruthenium(II) Sensitizers of 1,2,3-Triazole-Derived Mesoionic Carbene and Cyclometalating Ligands. <i>Inorganic Chemistry</i> , 2014, 53, 2083-2095.	4.6	85
610	Solution self-assembly of poly(ethylene oxide)-block-poly(furfuryl glycidyl ether)-block-poly(allyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1 5, 6943-6956.	3.9	20
611	Simulation and prediction of the thermal sintering behavior for a silver nanoparticle ink based on experimental input. <i>Journal of Materials Chemistry C</i> , 2014, 2, 6342-6352.	5.1	20
612	Synthesis of Thermoresponsive Glycopolymers Combining RAFT Polymerization, Thiol-Ene Reaction, and Subsequent Immobilization onto Solid Supports. <i>Macromolecular Chemistry and Physics</i> , 2014, 215, 1306-1318.	2.4	5

#	ARTICLE	IF	CITATIONS
613	HIV-1 Vpu mediated downregulation of CD155 requires alanine residues 10, 14 and 18 of the transmembrane domain. <i>Virology</i> , 2014, 464-465, 375-384.	2.3	37
614	Inkjet printed micropump actuator based on piezoelectric polymers: Device performance and morphology studies. <i>Organic Electronics</i> , 2014, 15, 3306-3315.	2.6	51
615	Matrix Supported Poly(2-oxazoline)-Based Hydrogels for DNA Catch and Release. <i>Biomacromolecules</i> , 2014, 15, 1970-1978.	5.1	31
616	Small but Powerful: Co-Assembly of Polyether-Based Triblock Terpolymers into Sub-30 nm Micelles and Synergistic Effects on Cellular Interactions. <i>Biomacromolecules</i> , 2014, 15, 2426-2439.	5.1	25
617	Chip-on-foil devices for DNA analysis based on inkjet-printed silver electrodes. <i>Lab on A Chip</i> , 2014, 14, 392-401.	5.1	24
618	Modification of the Active Layer/PEDOT:PSS Interface by Solvent Additives Resulting in Improvement of the Performance of Organic Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 11068-11081.	8.0	17
619	Mass spectrometric imaging of synthetic polymers. <i>Analytica Chimica Acta</i> , 2014, 808, 10-17.	5.7	38
620	Polymers Based on Stable Phenoxyl Radicals for the Use in Organic Radical Batteries. <i>Macromolecular Rapid Communications</i> , 2014, 35, 882-887.	4.1	51
621	Linear Poly(ethylene imine)-Based Hydrogels for Effective Binding and Release of DNA. <i>Biomacromolecules</i> , 2014, 15, 1124-1131.	5.1	31
622	Characterization of cationic polymers by asymmetric flow field-flow fractionation and multi-angle light scattering – A comparison with traditional techniques. <i>Journal of Chromatography A</i> , 2014, 1325, 195-203.	3.7	31
623	A Heteroleptic Bis(tridentate) Ruthenium(II) Platform Featuring an Anionic 1,2,3-Triazolone-Based Ligand for Application in the Dye-Sensitized Solar Cell. <i>Inorganic Chemistry</i> , 2014, 53, 1637-1645.	4.6	67
624	Precise synthesis of undecenyl poly(ethylene oxide) macromonomers as heterofunctional building blocks for the synthesis of linear diblocks or of branched materials. <i>European Polymer Journal</i> , 2014, 57, 221-236.	5.9	9
625	Free-Standing Carbon Nanofibrous Films Prepared by a Fast Microwave-Assisted Synthesis Process. <i>Advanced Functional Materials</i> , 2014, 24, 1602-1608.	17.0	19
626	Verification of Selected Key Assumptions for the Analysis of Depth-Sensing Indentation Data. <i>Macromolecular Materials and Engineering</i> , 2013, 298, 78-88.	4.1	1
627	Pd-Catalyzed Ring Assembly by Vinylation and Intramolecular Heck Coupling: A Versatile Strategy Towards Functionalized Azadibenzocyclooctynes. <i>Chemistry - A European Journal</i> , 2013, 19, 2150-2157.	3.4	10
628	One-Component Intrinsic Self-Healing Coatings Based on Reversible Crosslinking by Diels-Alder Cycloadditions. <i>Macromolecular Chemistry and Physics</i> , 2013, 214, 1636-1649.	2.4	143
629	Comparison of ESI, APCI and MALDI for the (tandem) mass analysis of poly(2-ethyl-2-oxazoline)s with various end-groups. <i>European Polymer Journal</i> , 2013, 49, 2172-2185.	5.9	16
630	Poly(2-oxazoline) Hydrogels for Controlled Fibroblast Attachment. <i>Biomacromolecules</i> , 2013, 14, 2724-2732.	5.1	91

#	ARTICLE	IF	CITATIONS
631	Star-Shaped Drug Carriers for Doxorubicin with POEGMA and POEtOxMA Brush-like Shells: A Structural, Physical, and Biological Comparison. <i>Biomacromolecules</i> , 2013, 14, 2536-2548.	5.1	44
632	Easy Access to Amphiphilic Heterografted Poly(2-oxazoline) Comb Copolymers. <i>Macromolecules</i> , 2013, 46, 5107-5116.	5.0	43
633	ZnII Bisterpyridine Metallopolymers: Improved Processability by the Introduction of Polymeric Side Chains. <i>Macromolecular Chemistry and Physics</i> , 2013, 214, 1072-1080.	2.4	13
634	Controlled radical polymerization of styrene-based models of the active site of the [FeFe]-hydrogenase. <i>Journal of Polymer Science Part A</i> , 2013, 51, 2171-2180.	2.3	22
635	Novel approaches for low temperature sintering of inkjet-printed inorganic nanoparticles for roll-to-roll (R2R) applications. <i>Journal of Materials Research</i> , 2013, 28, 564-573.	2.5	81
636	Self-Healing Materials via Reversible Crosslinking of Poly(ethylene oxide)-Block-Poly(furfuryl glycidyl) Tj ETQq0,0,0 rgBT /Overlock 115	17.0	115
637	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. <i>Polymer</i> , 2013, 54, 2036-2042.	4.1	26
638	Blends of ethylene-octene copolymers with different chain architectures Morphology, thermal and mechanical behavior. <i>Polymer</i> , 2013, 54, 5207-5213.	4.1	36
639	All inkjet-printed piezoelectric polymer actuators: Characterization and applications for micropumps in lab-on-a-chip systems. <i>Organic Electronics</i> , 2013, 14, 3423-3429.	2.6	99
640	Cyclometalated Ruthenium(II) Complexes Featuring Tridentate Click-Derived Ligands for Dye-Sensitized Solar Cell Applications. <i>Chemistry - A European Journal</i> , 2013, 19, 14171-14180.	3.4	36
641	Deeper Understanding of Biological Tissue: Quantitative Correlation of MALDI-TOF and Raman Imaging. <i>Analytical Chemistry</i> , 2013, 85, 10829-10834.	6.5	58
642	Star-Brush-Shaped Macromolecules: Peculiar Properties in Dilute Solution. <i>Macromolecules</i> , 2013, 46, 8671-8679.	5.0	12
643	Poly(2-oxazoline) functionalized surfaces: from modification to application. <i>Chemical Society Reviews</i> , 2013, 42, 7998.	37.7	144
644	Combinatorial Screening of Inkjet Printed Ternary Blends for Organic Photovoltaics: Absorption Behavior and Morphology. <i>ACS Combinatorial Science</i> , 2013, 15, 410-418.	4.6	7
645	A toolbox of differently sized and labeled PMMA nanoparticles for cellular uptake investigations. <i>Soft Matter</i> , 2013, 9, 99-108.	2.6	48
646	Orthogonal self-assembly of stimuli-responsive supramolecular polymers using one-step prepared heterotelechelic building blocks. <i>Polymer Chemistry</i> , 2013, 4, 113-123.	3.9	36
647	Formation of dynamic metallo-copolymers by inkjet printing: towards white-emitting materials. <i>Journal of Materials Chemistry C</i> , 2013, 1, 1812.	5.1	44
648	Opposites attract: influence of the molar mass of branched poly(ethylene imine) on biophysical characteristics of siRNA-based polyplexes. <i>RSC Advances</i> , 2013, 3, 12774.	4.4	35

#	ARTICLE	IF	CITATIONS
649	A Homotelechelic bisâ€terpyridine macroligand: Oneâ€step synthesis and its metalloâ€supramolecular selfâ€assembly. <i>Journal of Polymer Science Part A</i> , 2013, 51, 2006-2015.	2.3	17
650	Understanding and tuning the self-assembly of polyether-based triblock terpolymers in aqueous solution. <i>Soft Matter</i> , 2013, 9, 3509.	2.6	28
651	Resonance Raman Spectral Imaging of Intracellular Uptake of $\beta$ -Carotene Loaded Poly(D,L-lactideâ€glycolide) Nanoparticles. <i>ChemPhysChem</i> , 2013, 14, 155-161.	1.9	20
652	Biocompatible Multishell Architecture for Iron Oxide Nanoparticles. <i>Macromolecular Bioscience</i> , 2013, 13, 93-105.	4.0	5
653	Influenza A virus protein PB1-F2 from different strains shows distinct structural signatures. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2013, 1834, 568-582.	2.0	15
654	HIV-1 Vpu affects the anterograde transport and the glycosylation pattern of NTB-A. <i>Virology</i> , 2013, 440, 190-203.	2.3	34
655	Selfâ€Healing Polymer Coatings Based on Crosslinked Metallo-supramolecular Copolymers. <i>Advanced Materials</i> , 2013, 25, 1634-1638.	24.5	349
656	In vitro hemocompatibility and cytotoxicity study of poly(2â€methylâ€2â€oxazoline) for biomedical applications. <i>Journal of Polymer Science Part A</i> , 2013, 51, 1816-1821.	2.3	71
657	Fluorescent monomers as building blocks for dye labeled polymers: synthesis and application in energy conversion, biolabeling and sensors. <i>Chemical Society Reviews</i> , 2013, 42, 5366.	37.7	228
658	Nitroxide-Mediated Polymerization of Styrenic Triarylaminines and Chain-End Functionalization with a Ruthenium Complex: Toward Tailored Photoredox-Active Architectures. <i>Macromolecules</i> , 2013, 46, 2039-2048.	5.0	26
659	pH degradable dendron-functionalized poly(2-ethyl-2-oxazoline) prepared by a cascade â€double-clickâ€ reaction. <i>Polymer Chemistry</i> , 2013, 4, 3236.	3.9	31
660	Systematic Investigation of a Novel Lowâ€Bandgap Terpolymer Library via Inkjet Printing: Influence of Ink Properties and Processing Conditions. <i>Macromolecular Chemistry and Physics</i> , 2013, 214, 664-672.	2.4	4
661	Synthesis of thermoresponsive glycopolymers via ATRP of N-isopropylacrylamide and N-allylacrylamide and subsequent thiolâ€ene reaction. <i>European Polymer Journal</i> , 2013, 49, 2660-2669.	5.9	15
662	Inkjet printing of chemically tailored light-emitting polymers. <i>European Polymer Journal</i> , 2013, 49, 2186-2195.	5.9	39
663	Reactive Inkjet Printing of Cathodes for Organic Radical Batteries. <i>Advanced Energy Materials</i> , 2013, 3, 1025-1028.	22.5	71
664	Hierarchical, Guided Self-Assembly of Preselected Carbon Nanotubes for the Controlled Fabrication of CNT Structures by Electrooxidative Nanolithography. <i>Langmuir</i> , 2013, 29, 7515-7520.	3.6	15
665	Tuning the morphology of triblock terpoly(2-oxazoline)s containing a 2-phenyl-2-oxazoline block with varying fluorine content. <i>Soft Matter</i> , 2013, 9, 5966.	2.6	24
666	Photoinduced polyaddition of multifunctional azides and alkynes. <i>Polymer Chemistry</i> , 2013, 4, 3938.	3.9	39

#	ARTICLE	IF	CITATIONS
667	Amphiphilic star-shaped block copolymers as unimolecular drug delivery systems: investigations using a novel fungicide. <i>Soft Matter</i> , 2013, 9, 715-726.	2.6	35
668	Amphiphilic supramolecular A(B)2A quasi-triblock copolymers. <i>Polymer Chemistry</i> , 2013, 4, 3177.	3.9	10
669	Emitting electrode coatings with redox-switchable conductivity: incorporation of ruthenium(ii)-2,6-di(quinolin-8-yl)pyridine complexes into polythiophene by electropolymerization. <i>RSC Advances</i> , 2013, 3, 11686.	4.4	13
670	Self-healing metallopolymers based on cadmium bis(terpyridine) complex containing polymer networks. <i>Polymer Chemistry</i> , 2013, 4, 4966.	3.9	135
671	HIV-1 p6 " a structured to flexible multifunctional membrane-interacting protein. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2013, 1828, 816-823.	2.2	30
672	A Paradigm Change: Efficient Transfection of Human Leukemia Cells by Stimuli-Responsive Multicompartment Micelles. <i>ACS Nano</i> , 2013, 7, 9621-9631.	15.3	67
673	Drugs as matrix to detect their own drug delivery system of PEG- b PCL block copolymers in matrix-assisted laser desorption/ionization time-of-flight mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2013, 27, 2201-2212.	1.4	5
674	Synthesis and Charge-Discharge Studies of Poly(ethynylphenyl)galvinoxyles and Their Use in Organic Radical Batteries with Aqueous Electrolytes. <i>Macromolecular Chemistry and Physics</i> , 2013, 214, 2616-2623.	2.4	32
675	Aqueous solution behavior of comb-shaped poly(2-ethyl-2-oxazoline). <i>Journal of Polymer Science Part A</i> , 2013, 51, 139-148.	2.3	48
676	A strong cationic Brønsted acid, [H(OEt) <sub>2</sub> ][Al{OC(CF <sub>3</sub> ) <sub>3</sub> }] <sub>4</sub> , as an efficient initiator for the cationic ring-opening polymerization of 2-alkyl-2-oxazolines. <i>Polymer Chemistry</i> , 2013, 4, 495-505.	3.9	23
677	Fluorescence Study of Energy Transfer in PMMA Polymers with Pendant Oligo-Phenylene-Ethynyls. <i>ChemPhysChem</i> , 2013, 14, 170-178.	1.9	9
678	Triggered and self-healing systems using nanostructured materials. <i>Nanotechnology Reviews</i> , 2013, 2, 699-723.	5.5	14
679	Synthesis and Solution Properties of Double Hydrophilic Poly(ethylene Terephthalate)- Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 262 Td (oxide)- 4.5 27	4.5	27
680	Rapid low-pressure plasma sintering of inkjet-printed silver nanoparticles for RFID antennas. <i>Journal of Materials Research</i> , 2013, 28, 1254-1261.	2.5	51
681	Linear Metallopolymers from Ruthenium(II)-2,6-di(quinolin-8-yl)pyridine Complexes by Electropolymerization " Formation of Redox-Stable and Emissive Films. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 4191-4202.	1.8	27
682	Cationic poly(2-oxazoline) hydrogels for reversible DNA binding. <i>Soft Matter</i> , 2013, 9, 4693.	2.6	54
683	Förster resonance energy transfer in poly(methyl methacrylates) copolymers bearing donor-acceptor 1,3-thiazole dyes. <i>Journal of Polymer Science Part A</i> , 2013, 51, 4765-4773.	2.3	6
684	ESI, APCI, and MALDI tandem mass spectrometry of poly(methyl acrylate)s: A comparison study for the structural characterization of polymers synthesized via CRP techniques and the software application to analyze MS/MS data. <i>Journal of Polymer Science Part A</i> , 2013, 51, 1595-1605.	2.3	23

#	ARTICLE	IF	CITATIONS
685	Screening of Film Formation Qualities of Various Solvent Systems for $\pi$ -Conjugated Polymers Via Combinatorial Inkjet Printing. <i>Macromolecular Chemistry and Physics</i> , 2013, 214, 547-555.	2.4	9
686	Detailed characterization of poly(2-ethyl-2-oxazoline)s by energy variable collision-induced dissociation study. <i>Rapid Communications in Mass Spectrometry</i> , 2013, 27, 1095-1100.	1.4	14
687	Investigating the Motion of Diblock Copolymer Assemblies in Ionic Liquids by In Situ Electron Microscopy. <i>Advanced Materials</i> , 2013, 25, 761-765.	24.5	24
688	4-Deoxyaurone Formation in <i>Bidens ferulifolia</i> (Jacq.) DC. <i>PLoS ONE</i> , 2013, 8, e61766.	2.3	24
689	Strongly Phase-Segregating Block Copolymers with Sub-20 nm Features. <i>ACS Macro Letters</i> , 2013, 2, 677-682.	5.0	27
690	Combinatorial Screening of Polymer/Fullerene Blends for Solar Cells by Inkjet Printing. <i>Materials Research Society Symposia Proceedings</i> , 2012, 1390, .	0.1	1
691	Chelating Fluorene Dyes as Mono- and Ditopic 2-(1H-1,2,3-Triazol-4-yl)pyridine Ligands and Their Corresponding Ruthenium(II) Complexes. <i>Synthesis</i> , 2012, 44, 2287-2294.	2.3	6
692	Fast high-throughput screening of temoporfin-loaded liposomal formulations prepared by ethanol injection method. <i>Journal of Liposome Research</i> , 2012, 22, 31-41.	3.6	34
693	Water Uptake of Poly(2-N-Alkyl-2-Oxazoline)s: Temperature-Dependent Fourier Transform Infrared (FT-IR) Spectroscopy and Two-Dimensional Correlation Analysis (2DCOS). <i>Applied Spectroscopy</i> , 2012, 66, 1145-1155.	2.0	15
694	Molar mass, chemical-composition, and functionality-type distributions of poly(2-oxazoline)s revealed by a variety of separation techniques. <i>Journal of Chromatography A</i> , 2012, 1265, 123-132.	3.7	8
695	Printed conductive features for DNA chip applications prepared on PET without sintering. <i>RSC Advances</i> , 2012, 2, 2308.	4.4	5
696	Fluorometric sensor based on bisterpyridine metallopolymer: detection of cyanide and phosphates in water. <i>Analyst</i> , 2012, 137, 2333.	3.1	55
697	Self-assembly of chiral block and gradient copolymers. <i>Soft Matter</i> , 2012, 8, 165-172.	2.6	34
698	Localized atmospheric plasma sintering of inkjet printed silver nanoparticles. <i>Journal of Materials Chemistry</i> , 2012, 22, 24569.	7.3	84
699	Fluorometric, water-based sensors for the detection of nerve gas G mimics DMMP, DCP and DCNP. <i>Chemical Communications</i> , 2012, 48, 964-966.	3.4	54
700	Light-triggered NO release from a nanofibrous non-woven. <i>Journal of Materials Chemistry</i> , 2012, 22, 8785.	7.3	26
701	Application of Matrix-Assisted Laser Desorption/Ionization Mass Spectrometric Imaging for Photolithographic Structuring. <i>Analytical Chemistry</i> , 2012, 84, 6921-6925.	6.5	13
702	Extended-Chain Induced Bulk Morphologies Occur at Surfaces of Thin Co-Oligomer Films. <i>Macromolecules</i> , 2012, 45, 4740-4748.	5.0	16

#	ARTICLE	IF	CITATIONS
703	Thermoresponsive Poly(2-oxazoline) Block Copolymers Exhibiting Two Cloud Points: Complex Multistep Assembly Behavior. <i>Macromolecules</i> , 2012, 45, 4337-4345.	5.0	104
704	Perinuclear localization of the HIV-1 regulatory protein Vpr is important for induction of G2-arrest. <i>Virology</i> , 2012, 432, 444-451.	2.3	14
705	“Clicking” on/with polymers: a rapidly expanding field for the straightforward preparation of novel macromolecular architectures. <i>Chemical Society Reviews</i> , 2012, 41, 176-191.	37.7	345
706	Blue emitting side-chain pendant 4-hydroxy-1,3-thiazoles in polystyrenes synthesized by RAFT polymerization. <i>European Polymer Journal</i> , 2012, 48, 1339-1347.	5.9	16
707	Fluorescence quenching in Zn <sup>2+</sup> -bis-terpyridine coordination polymers: a single molecule study. <i>Journal of Materials Chemistry</i> , 2012, 22, 16041.	7.3	27
708	Syntheses, Characterization, and Antitumor Activities of Platinum(II) and Palladium(II) Complexes with Sugar-Conjugated Triazole Ligands. <i>Chemistry and Biodiversity</i> , 2012, 9, 1903-1915.	2.2	37
709	Macromonomers as Well-Defined Building Blocks in the Synthesis of Hybrid Octafunctional Star-Shaped Poly(ethylene oxide)s. <i>Macromolecular Chemistry and Physics</i> , 2012, 213, 2181-2191.	2.4	10
710	Star-Shaped Block Copolymers by Copper-Catalyzed Azide-Alkyne Cycloaddition for Potential Drug Delivery Applications. <i>Macromolecular Chemistry and Physics</i> , 2012, 213, 2146-2156.	2.4	15
711	Poly(2-oxazoline) Hydrogel Monoliths via Thiol-Ene Coupling. <i>Macromolecular Rapid Communications</i> , 2012, 33, 1695-1700.	4.1	84
712	Side-Chain Modification and “Grafting Onto” via Olefin Cross-Metathesis. <i>Macromolecular Rapid Communications</i> , 2012, 33, 2023-2028.	4.1	21
713	Toward the design of LPEI containing block copolymers: Improved synthesis protocol, selective hydrolysis, and detailed characterization. <i>Journal of Polymer Science Part A</i> , 2012, 50, 4516-4523.	2.3	15
714	Homo- and diblock copolymers of poly(furfuryl glycidyl ether) by living anionic polymerization: Toward reversibly core-crosslinked micelles. <i>Journal of Polymer Science Part A</i> , 2012, 50, 4958-4965.	2.3	47
715	Unexpected radical polymerization behavior of oligo(2-ethyl-2-oxazoline) macromonomers. <i>Polymer Chemistry</i> , 2012, 3, 2976.	3.9	22
716	Particulate transepithelial drug carriers: barriers and functional polymers. <i>RSC Advances</i> , 2012, 2, 10427.	4.4	15
717	Bis(tridentate) Ruthenium-Terpyridine Complexes Featuring Microsecond Excited-State Lifetimes. <i>Journal of the American Chemical Society</i> , 2012, 134, 12354-12357.	15.0	231
718	Photogenerated avenues in macromolecules containing Re(i), Ru(ii), Os(ii), and Ir(iii) metal complexes of pyridine-based ligands. <i>Chemical Society Reviews</i> , 2012, 41, 2222-2255.	37.7	235
719	A Sugar Decorated Macromolecular Bottle Brush by Carbohydrate-Initiated Cationic Ring-Opening Polymerization. <i>Macromolecules</i> , 2012, 45, 46-55.	5.0	37
720	UV-induced crosslinking of the polybutadiene domains in lamellar polystyrene-block-polybutadiene block copolymer films – An in-depth study. <i>Polymer</i> , 2012, 53, 5641-5648.	4.1	9

#	ARTICLE	IF	CITATIONS
721	Block Copolymers of Poly(2-oxazoline)s and Poly(meth)acrylates: A Crossover between Cationic Ring-Opening Polymerization (CROP) and Reversible Addition-Fragmentation Chain Transfer (RAFT). ACS Macro Letters, 2012, 1, 776-779.	5.0	54
722	Thermo-Induced Self-Assembly of Responsive Poly(DMAEMA-b-DEGMA) Block Copolymers into Multi- and Unilamellar Vesicles. Macromolecules, 2012, 45, 9292-9302.	5.0	135
723	2-Isopropenyl-2-oxazoline: A Versatile Monomer for Functionalization of Polymers Obtained via RAFT. Macromolecules, 2012, 45, 20-27.	5.0	73
724	Polymerization of free secondary amine bearing monomers by RAFT polymerization and other controlled radical techniques. Journal of Polymer Science Part A, 2012, 50, 1394-1407.	2.3	80
725	Bis-hydrophilic and functional triblock terpolymers based on polyethers: Synthesis and self-assembly in solution. Journal of Polymer Science Part A, 2012, 50, 2914-2923.	2.3	15
726	Synthesis and characterization of polymethacrylates containing conjugated oligo(phenylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542	2.3	15
727	New Design Concepts for the Fabrication of Nanometric Gap Structures: Electrochemical Oxidation of OTS Mono- and Bilayer Structures. Small, 2012, 8, 852-857.	11.5	5
728	Poly(2-ethyl-2-oxazoline) as Alternative for the Stealth Polymer Poly(ethylene glycol): Comparison of in vitro Cytotoxicity and Hemocompatibility. Macromolecular Bioscience, 2012, 12, 986-998.	4.0	299
729	Uptake of Well-Defined, Highly Glycosylated, Pentafluorostyrene-Based Polymers and Nanoparticles by Human Hepatocellular Carcinoma Cells. Macromolecular Bioscience, 2012, 12, 1190-1199.	4.0	15
730	Synthesis and Characterization of Poly(methyl methacrylate) Backbone Polymers Containing Side-Chain Pendant Ruthenium(II) Bis-Terpyridine Complexes With an Elongated Conjugated System. Macromolecular Chemistry and Physics, 2012, 213, 808-819.	2.4	18
731	Hydrodynamic and Molecular Study of Poly{4-(hexyloxy)phenyl}ethynylphenyl methacrylate} in Dilute Solutions and Conformational Peculiarities of Brush-Like Macromolecules. Macromolecular Chemistry and Physics, 2012, 213, 904-916.	2.4	12
732	Induced Charge Effect by Co(II) Complexation on the Conformation of a Copolymer Containing a Bidentate 2-(1,2,3-triazol-4-yl)pyridine Chelating Unit. Macromolecular Chemistry and Physics, 2012, 213, 1339-1348.	2.4	11
733	Perfluorophenyl-Terpyridine Ruthenium Complex as Monomer for Fast, Efficient, and Mild Metallopolymerizations. Macromolecular Rapid Communications, 2012, 33, 517-521.	4.1	23
734	Inkjet Printing of Zinc(II) Bis-2,2',6',2''-Terpyridine Metallopolymers: Printability and Film-Forming Studies by a Combinatorial Thin-Film Library Approach. Macromolecular Rapid Communications, 2012, 33, 503-509.	4.1	18
735	Metallo-Supramolecular Materials Based on Amine-Grafting Onto Polypentafluorostyrene. Macromolecular Rapid Communications, 2012, 33, 556-561.	4.1	24
736	Ruthenium(II) Metallo-Supramolecular Polymers of Click-Derived Tridentate Ditopic Ligands. Macromolecular Rapid Communications, 2012, 33, 597-602.	4.1	30
737	Poly( $\epsilon$ -caprolactone) Decorated With One Room-Temperature Red-Emitting Ruthenium(II) Complex: Synthesis, Characterization, Thermal and Optical Properties. Macromolecular Rapid Communications, 2012, 33, 579-584.	4.1	10
738	Synthesis of a glycopolymeric PtlI carrier and its induction of apoptosis in resistant cancer cells. Chemical Communications, 2012, 48, 6357.	3.4	24

#	ARTICLE	IF	CITATIONS
739	Amphiphilic oligoether-based ionic liquids as functional materials for thermoresponsive ion gels with tunable properties via aqueous gelation. <i>Soft Matter</i> , 2012, 8, 1025-1032.	2.6	28
740	Probe-Based Electro-Oxidative Lithography of OTS SAMs Deposited onto Transparent ITO Substrates. <i>Advanced Functional Materials</i> , 2012, 22, 4376-4382.	17.0	22
741	Plasma and Microwave Flash Sintering of a Tailored Silver Nanoparticle Ink, Yielding 60% Bulk Conductivity on Cost-Effective Polymer Foils. <i>Advanced Materials</i> , 2012, 24, 3993-3998.	24.5	131
742	The Radiative Decay Rates Tune the Emissive Properties of Ruthenium(II) Polypyridyl Complexes: A Computational Study. <i>Chemistry - an Asian Journal</i> , 2012, 7, 667-671.	3.0	21
743	Ruthenium(II) Photosensitizers of Tridentate Click-Derived Cyclometalating Ligands: A Joint Experimental and Computational Study. <i>Chemistry - A European Journal</i> , 2012, 18, 4010-4025.	3.4	69
744	Roll-to-roll Compatible Sintering of Inkjet Printed Features by Photonic and Microwave Exposure: From Non-Conductive Ink to 40% Bulk Silver Conductivity in Less Than 15 Seconds. <i>Advanced Materials</i> , 2012, 24, 2620-2625.	24.5	202
745	Recent developments in the detailed characterization of polymers by multidimensional chromatography. <i>Journal of Chromatography A</i> , 2012, 1240, 1-20.	3.7	78
746	Temperature responsive bio-compatible polymers based on poly(ethylene oxide) and poly(2-oxazoline)s. <i>Progress in Polymer Science</i> , 2012, 37, 686-714.	25.1	504
747	New Approach to [FeFe]-Hydrogenase Models Using Aromatic Thioketones. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 318-326.	1.8	20
748	Determination of the relative ligand-binding strengths in heteroleptic Ir(III) complexes by ESI-Q-TOF tandem mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2012, 47, 34-40.	1.7	7
749	Tandem mass spectrometry of poly(ethylene imine)s by electrospray ionization (ESI) and matrix-assisted laser desorption/ionization (MALDI). <i>Journal of Mass Spectrometry</i> , 2012, 47, 105-114.	1.7	28
750	Thermoresponsive Poly(2-oxazine)s. <i>Macromolecular Rapid Communications</i> , 2012, 33, 92-96.	4.1	115
751	Synthesis of miktoarm star copolymer Ru(II) complexes by click-to-chelate approach. <i>Polymer Journal</i> , 2012, 45, 216-225.	2.5	20
752	Incorporation of Polymerizable Osmium(II) Bis-terpyridine Complexes into PMMA Backbones. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2012, 23, 74-80.	4.3	11
753	The molecular mechanism of dual emission in terpyridine transition metal complexes—ultrafast investigations of photoinduced dynamics. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 1606-1617.	2.7	61
754	Micellar dye shuttle between water and an ionic liquid. <i>Soft Matter</i> , 2011, 7, 3827.	2.6	27
755	Functionalized, Biocompatible Coating for Superparamagnetic Nanoparticles by Controlled Polymerization of a Thioglycosidic Monomer. <i>Biomacromolecules</i> , 2011, 12, 681-691.	5.1	60
756	Water uptake of poly(2-N-alkyl-2-oxazoline)s: influence of crystallinity and hydrogen-bonding on the mechanical properties. <i>Journal of Materials Chemistry</i> , 2011, 21, 17331.	7.3	30

#	ARTICLE	IF	CITATIONS
757	Fabrication of ring structures by anodization lithography on self-assembled OTS monolayers. <i>Journal of Materials Chemistry</i> , 2011, 21, 8532.	7.3	8
758	Iron silicide nanoparticles in a SiC/C matrix from organometallic polymers: characterization and magnetic properties. <i>Journal of Materials Chemistry</i> , 2011, 21, 12232.	7.3	16
759	“One Cell” One Well”: A New Approach to Inkjet Printing Single Cell Microarrays. <i>ACS Combinatorial Science</i> , 2011, 13, 190-195.	4.6	73
760	From Thioxo Cluster to Dithio Cluster: Exploring the Chemistry of Polynuclear Zirconium Complexes with S,O and S,S Ligands. <i>Inorganic Chemistry</i> , 2011, 50, 489-502.	4.6	8
761	Responsive Glyco-poly(2-oxazoline)s: Synthesis, Cloud Point Tuning, and Lectin Binding. <i>Biomacromolecules</i> , 2011, 12, 2591-2600.	5.1	50
762	Efficient Cationic Ring-Opening Polymerization of Diverse Cyclic Imino Ethers: Unexpected Copolymerization Behavior. <i>Macromolecules</i> , 2011, 44, 4320-4325.	5.0	42
763	Poly(2-cyclopropyl-2-oxazoline): From Rate Acceleration by Cyclopropyl to Thermoresponsive Properties. <i>Macromolecules</i> , 2011, 44, 4057-4064.	5.0	82
764	Direct Observation of Temperature-Dependent Excited-State Equilibrium in Dinuclear Ruthenium Terpyridine Complexes Bearing Electron-Poor Bridging Ligands. <i>Journal of Physical Chemistry C</i> , 2011, 115, 12677-12688.	3.1	27
765	Inkjet printing and low temperature sintering of CuO and CdS as functional electronic layers and Schottky diodes. <i>Journal of Materials Chemistry</i> , 2011, 21, 13634.	7.3	58
766	Poly(2-oxazoline) glycopolymers with tunable LCST behavior. <i>Polymer Chemistry</i> , 2011, 2, 1737.	3.9	71
767	Advances in the field of $\pi$ -conjugated 2,2',6',2''-terpyridines. <i>Chemical Society Reviews</i> , 2011, 40, 1459-1517.	15.7	476
768	Three-Fold Metal-Free Efficient (“Click”) Reactions onto a Multifunctional Poly(2-oxazoline) Designer Scaffold. <i>Macromolecules</i> , 2011, 44, 6424-6432.	5.0	98
769	Main-chain chiral copoly(2-oxazoline)s. <i>Polymer Chemistry</i> , 2011, 2, 203-208.	3.9	20
770	Selective partial hydrolysis of amphiphilic copoly(2-oxazoline)s as basis for temperature and pH responsive micelles. <i>Polymer Chemistry</i> , 2011, 2, 313-322.	3.9	46
771	Multicompartment micelles from blends of terpolymers. <i>Polymer Chemistry</i> , 2011, 2, 328-332.	3.9	29
772	Synthesis and Resonance Energy Transfer Study on a Random Terpolymer Containing a 2-(Pyridine-2-yl)thiazole Donor-Type Ligand and a Luminescent [Ru(bpy) <sub>2</sub> (2-(triazol-4-yl)pyridine)] <sup>2+</sup> Chromophore. <i>Macromolecules</i> , 2011, 44, 6277-6287.	5.0	50
773	One-pot synthesis of cyclopentadienyl endcapped poly(2-ethyl-2-oxazoline) and subsequent ambient temperature Diels-Alder conjugations. <i>Chemical Communications</i> , 2011, 47, 10620.	3.4	31
774	Cluster-based inorganic-organic hybrid materials. <i>Chemical Society Reviews</i> , 2011, 40, 575-582.	37.7	287

#	ARTICLE	IF	CITATIONS
775	Conformation parameters of linear macromolecules from velocity sedimentation and other hydrodynamic methods. <i>Methods</i> , 2011, 54, 124-135.	3.5	53
776	Combinatorial Optimization of Multiple MALDI Matrices on a Single Tissue Sample Using Inkjet Printing. <i>ACS Combinatorial Science</i> , 2011, 13, 218-222.	4.6	13
777	Ink Jet Printed Silver Lines Formed in Microchannels Exhibit Lower Resistance Than Their Unstructured Counterparts. <i>Journal of Imaging Science and Technology</i> , 2011, 55, 40302-1-40302-6.	0.4	4
778	Functional soft materials from metallopolymers and metallosupramolecular polymers. <i>Nature Materials</i> , 2011, 10, 176-188.	33.3	979
779	Ion channel activity of HIV-1 Vpu is dispensable for counteraction of CD317. <i>Virology</i> , 2011, 416, 75-85.	2.3	37
780	Characterization of poly(2-oxazoline) homo- and copolymers by liquid chromatography at critical conditions. <i>Journal of Chromatography A</i> , 2011, 1218, 8370-8378.	3.7	33
781	Fast, ligand- and solvent-free copper-catalyzed click reactions in a ball mill. <i>Chemical Communications</i> , 2011, 47, 4370.	3.4	145
782	Self-Assembly of 3,6-Bis(4-triazolyl)pyridazine Ligands with Copper(I) and Silver(I) Ions: Time-Dependent 2D-NOESY and Ultracentrifuge Measurements. <i>Chemistry - an Asian Journal</i> , 2011, 6, 873-880.	3.0	20
783	Platinum-Acetylide Polymers with Higher Dimensionality for Organic Solar Cells. <i>Chemistry - an Asian Journal</i> , 2011, 6, 1766-1777.	3.0	49
784	Metal-Free 1,5-Regioselective Azide-Alkyne [3+2]-Cycloaddition. <i>Chemistry - an Asian Journal</i> , 2011, 6, 2816-2824.	3.0	42
785	Catalytic Applications of Terpyridines and their Transition Metal Complexes. <i>ChemCatChem</i> , 2011, 3, 1384-1406.	3.6	152
786	Alkyl $\beta$ -D-cellulosides: non-reducing cellulose mimics. <i>Cellulose</i> , 2011, 18, 1585-1598.	4.4	3
787	The Host-Pathogen interaction of human cyclophilin A and HIV-1 Vpr requires specific N-terminal and novel C-terminal domains. <i>BMC Structural Biology</i> , 2011, 11, .	1.8	17
788	Highly conserved serine residue 40 in HIV-1 p6 regulates capsid processing and virus core assembly. <i>Retrovirology</i> , 2011, 8, .	3.5	23
789	Preparation of polyurethane elastomers (PUEs) in a high-throughput workflow. <i>Journal of Polymer Science Part A</i> , 2011, 49, 301-313.	2.3	7
790	Automated batch emulsion copolymerization of styrene and butyl acrylate. <i>Journal of Polymer Science Part A</i> , 2011, 49, 314-326.	2.3	3
791	Syntheses of 3-arm and 4-arm star-branched polystyrene Ru(II) complexes by the click-to-echelate approach. <i>Journal of Polymer Science Part A</i> , 2011, 49, 746-753.	2.3	31
792	Synthesis, characterization, and micellization studies of coil-rod-coil and ABA ruthenium(II) terpyridine assemblies with $\pi$ -conjugated electron acceptor systems. <i>Journal of Polymer Science Part A</i> , 2011, 49, 1396-1408.	2.3	13

#	ARTICLE	IF	CITATIONS
793	Main-chain chiral poly(2-oxazoline)s: Influence of alkyl side-chain on secondary structure formation in solution. <i>Journal of Polymer Science Part A</i> , 2011, 49, 2790-2801.	2.3	16
794	Upper critical solution temperature switchable micelles based on polystyrene- <i>b</i> -poly(methyl methacrylate)- <i>b</i> -poly(2-oxazoline). <i>Journal of Polymer Science Part A</i> , 2011, 49, 2802-2814.	2.3	22
795	Analysis of different synthetic homopolymers by the use of a new calculation software for tandem mass spectra. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 1765-1778.	1.4	14
796	Application of matrix-assisted laser desorption/ionization mass spectrometric imaging to monitor surface changes of UV-irradiated poly(styrene) films. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 2809-2814.	1.4	13
797	Adhesion of Preosteoblasts and Fibroblasts onto Poly(pentafluorostyrene)-Based Glycopolymers and their Biocompatibility. <i>Macromolecular Bioscience</i> , 2011, 11, 535-548.	4.0	34
798	Organ Weaving: Woven Threads and Sheets As a Step Towards a New Strategy for Artificial Organ Development. <i>Macromolecular Bioscience</i> , 2011, 11, 1491-1498.	4.0	34
799	Blue-Emitting Polymers Based on 4-Hydroxythiazoles Incorporated in a Methacrylate Backbone. <i>Macromolecular Chemistry and Physics</i> , 2011, 212, 840-848.	2.4	30
800	Linear Polyethyleneimine: Optimized Synthesis and Characterization – On the Way to “Pharmagrade” Batches. <i>Macromolecular Chemistry and Physics</i> , 2011, 212, 1918-1924.	2.4	89
801	Homogeneous Sulfation of Xylan from Different Sources. <i>Macromolecular Materials and Engineering</i> , 2011, 296, 551-561.	4.1	51
802	Poly(cyclic imino ether)s Beyond 2-Substituted-2-Oxazolines. <i>Macromolecular Rapid Communications</i> , 2011, 32, 1419-1441.	4.1	52
803	A Green Approach for the Synthesis and Thiolene Modification of Alkene Functionalized Poly(2-oxazoline)s. <i>Macromolecular Rapid Communications</i> , 2011, 32, 1484-1489.	4.1	51
804	Strategies for Post-Synthesis Alignment and Immobilization of Carbon Nanotubes. <i>Advanced Materials</i> , 2011, 23, 953-970.	24.5	40
805	The Marriage of Terpyridines and Inorganic Nanoparticles: Synthetic Aspects, Characterization Techniques, and Potential Applications. <i>Advanced Materials</i> , 2011, 23, 5728-5748.	24.5	82
806	Combinatorial Screening of Polymer:Fullerene Blends for Organic Solar Cells by Inkjet Printing. <i>Advanced Energy Materials</i> , 2011, 1, 105-114.	22.5	101
807	Formation of Iron Oxide Particles by Reduction with Hydrazine. <i>ChemPhysChem</i> , 2011, 12, 781-784.	1.9	2
808	A Heteroleptic Bis(tridentate) Ruthenium(II) Complex of a Click-Derived Abnormal Carbene Pincer Ligand with Potential for Photosensitizer Application. <i>Chemistry - A European Journal</i> , 2011, 17, 5494-5498.	3.4	123
809	Film formation properties of inkjet printed poly(phenylene-ethynylene)-poly(phenylene-vinylene)s. <i>Thin Solid Films</i> , 2011, 519, 3695-3702.	1.9	28
810	Thermal Properties of Oligo(2-ethyl-2-oxazoline) Containing Comb and Graft Copolymers and their Aqueous Solutions. <i>Macromolecular Symposia</i> , 2011, 308, 17-24.	0.7	30

#	ARTICLE	IF	CITATIONS
811	Alternative Sintering Approaches for Fast Sintering of Inkjet Printed Nanoparticles for R2R Applications. Materials Research Society Symposia Proceedings, 2011, 1400, .	0.1	1
812	Recent developments in the utilization of green solvents in polymer chemistry. Chemical Society Reviews, 2010, 39, 3317.	37.7	210
813	Control of the Aggregation Properties of Tris(maltohexaose)-Linked Porphyrins with an Alkyl Chain. European Journal of Organic Chemistry, 2010, 2010, 663-671.	2.3	31
814	π-Conjugated 2,2',6',2''-Bis(terpyridines): Systematical Tuning of the Optical Properties by Variation of the Linkage between the Terpyridines and the π-Conjugated System. European Journal of Organic Chemistry, 2010, 2010, 1859-1868.	2.3	35
815	Contact Angle Analysis During the Electrooxidation of Self-Assembled Monolayers Formed by n-Octadecyltrichlorosilane. Advanced Functional Materials, 2010, 20, 3252-3259.	17.0	8
816	Sugar-Selective Enrichment of a D-Glucose-Substituted Ruthenium Bipyridyl Complex Inside HepG2 Cancer Cells. ChemBioChem, 2010, 11, 649-652.	2.6	45
817	Mitochondrial Mode of Action of a Thymidine-Based Cisplatin Analogue Breaks Resistance in Cancer Cells. Chemistry - A European Journal, 2010, 16, 14498-14505.	3.4	12
818	Poly(ethylene glycol) in Drug Delivery: Pros and Cons as Well as Potential Alternatives. Angewandte Chemie - International Edition, 2010, 49, 6288-6308.	14.4	3,241
819	Systematic MALDI-TOF CID Investigation on Different Substituted mPEG 2000. Macromolecular Chemistry and Physics, 2010, 211, 677-684.	2.4	23
820	Velocity Sedimentation and Intrinsic Viscosity Analysis of Polystyrene Standards with a Wide Range of Molar Masses. Macromolecular Chemistry and Physics, 2010, 211, 1298-1310.	2.4	21
821	ESI-MS & MS/MS Analysis of Poly(2-oxazoline)s with Different Side Groups. Macromolecular Chemistry and Physics, 2010, 211, 2312-2322.	2.4	16
822	Thermal, Mechanical, and Surface Properties of Poly(2-alkyl-2-oxazoline)s. Macromolecular Chemistry and Physics, 2010, 211, 2443-2448.	2.4	58
823	Self-Assembly Behavior of Bis(terpyridine) and Metallo-bis(terpyridine) Pluronics in Dilute Aqueous Solutions. Macromolecular Chemistry and Physics, 2010, 211, 2323-2330.	2.4	24
824	Responsive Hybrid Polymeric/Metallic Nanoparticles for Catalytic Applications. Macromolecular Materials and Engineering, 2010, 295, 1049-1057.	4.1	76
825	RAFT Polymerization Meets Coordination Chemistry: Synthesis of a Polymer-Based Iridium(III) Emitter. Macromolecular Rapid Communications, 2010, 31, 827-833.	4.1	19
826	Supramolecular Star-Shaped Poly(ethylene glycol) Based on a [2-Å-2] Grid-Like Metal Complex. Macromolecular Rapid Communications, 2010, 31, 840-845.	4.1	11
827	The Effect of Hofmeister Salts on the LCST Transition of Poly(2-oxazoline)s with Varying Hydrophilicity. Macromolecular Rapid Communications, 2010, 31, 724-728.	4.1	158
828	π-Conjugated Donor and Donor-Acceptor Metallo-Polymers. Macromolecular Rapid Communications, 2010, 31, 868-874.	4.1	40



#	ARTICLE	IF	CITATIONS
847	The Proapoptotic Influenza A Virus Protein PB1-F2 Forms a Nonselective Ion Channel. <i>PLoS ONE</i> , 2010, 5, e11112.	2.3	59
848	A Flow Cytometry-Based FRET Assay to Identify and Analyse Protein-Protein Interactions in Living Cells. <i>PLoS ONE</i> , 2010, 5, e9344.	2.3	150
849	Synthesis and crystal structures of multifunctional tosylates as basis for star-shaped poly(2-ethyl-2-oxazoline)s. <i>Beilstein Journal of Organic Chemistry</i> , 2010, 6, 773-783.	1.9	41
850	Temperature Induced Solubility Transitions of Various Poly(2-oxazoline)s in Ethanol-Water Solvent Mixtures. <i>Polymers</i> , 2010, 2, 188-199.	4.5	72
851	A Fluorescent Thermometer Based on a Pyrene-Labeled Thermoresponsive Polymer. <i>Sensors</i> , 2010, 10, 7979-7990.	3.0	68
852	New Ditopic Ligands Containing 2,2'-bipyridine and a Rigid U-/S-Shaped Terpyridine. <i>Synlett</i> , 2010, 2010, 61-66.	1.4	0
853	Depicting the Spatial Distribution of Proteins in Human Tumor Tissue Combining SELDI and MALDI Imaging and Immunohistochemistry. <i>Journal of Histochemistry and Cytochemistry</i> , 2010, 58, 929-937.	1.5	15
854	Anion Complexation by Triazolium Ligands: Mono- and Bis-tridentate Complexes of Sulfate. <i>Organic Letters</i> , 2010, 12, 2710-2713.	4.8	97
855	Secondary structure formation of main-chain chiral poly(2-oxazoline)s in solution. <i>Soft Matter</i> , 2010, 6, 994.	2.6	33
856	Thermoreversible ionogels with tunable properties via aqueous gelation of an amphiphilic quaternary ammonium oligoether-based ionic liquid. <i>Journal of Materials Chemistry</i> , 2010, 20, 8279.	7.3	42
857	Microwave-assisted synthesis of imidazolium ionic liquids and their application as humidity absorbers. <i>Journal of Materials Chemistry</i> , 2010, 20, 3583.	7.3	18
858	PMMA based soluble polymeric temperature sensors based on UCST transition and solvatochromic dyes. <i>Polymer Chemistry</i> , 2010, 1, 1005.	3.9	85
859	Clickable initiators, monomers and polymers in controlled radical polymerizations – a prospective combination in polymer science. <i>Polymer Chemistry</i> , 2010, 1, 1560.	3.9	230
860	Printed electronics: the challenges involved in printing devices, interconnects, and contacts based on inorganic materials. <i>Journal of Materials Chemistry</i> , 2010, 20, 8446.	7.3	694
861	N-Heterocyclic Donor- and Acceptor-Type Ligands Based on 2-(1H-[1,2,3]Triazol-4-yl)pyridines and Their Ruthenium(II) Complexes. <i>Journal of Organic Chemistry</i> , 2010, 75, 4025-4038.	3.5	60
862	Ordered Chiral Structures in the Crystals of Main-Chain Chiral Poly(2-oxazoline)s. <i>Macromolecules</i> , 2010, 43, 4654-4659.	5.0	25
863	Excited-State Planarization as Free Barrierless Motion in a $\pi$ -Conjugated Terpyridine. <i>Journal of Physical Chemistry C</i> , 2010, 114, 6841-6848.	3.1	40
864	Rational Design of an Amorphous Poly(2-oxazoline) with a Low Glass-Transition Temperature: Monomer Synthesis, Copolymerization, and Properties. <i>Macromolecules</i> , 2010, 43, 4098-4104.	5.0	57

#	ARTICLE	IF	CITATIONS
865	A Concept to Tailor Electron Delocalization: Applying QTAIM Analysis to Phenyl <sup>π</sup> -Terpyridine Compounds. <i>Journal of Physical Chemistry A</i> , 2010, 114, 13163-13174.	2.5	42
866	Microwave-Assisted Fabrication of Carbon Nanotube AFM Tips. <i>Nano Letters</i> , 2010, 10, 4009-4012.	8.7	34
867	Chemical modification of self-assembled silane based monolayers by surface reactions. <i>Chemical Society Reviews</i> , 2010, 39, 2323.	37.7	375
868	Unexpected metal-mediated oxidation of hydroxymethyl groups to coordinated carboxylate groups by bis-cyclometalated iridium(iii) centers. <i>New Journal of Chemistry</i> , 2010, 34, 2622.	2.4	17
869	Dual Responsive Methacrylic Acid and Oligo(2-ethyl-2-oxazoline) Containing Graft Copolymers. <i>Macromolecules</i> , 2010, 43, 160-167.	5.0	102
870	Dual hydrophilic polymers based on (meth)acrylic acid and poly(ethylene glycol) " synthesis and water uptake behavior. <i>Polymer Chemistry</i> , 2010, 1, 1669.	3.9	24
871	Linear Poly(ethylene imine)s by Acidic Hydrolysis of Poly(2-oxazoline)s: Kinetic Screening, Thermal Properties, and Temperature-Induced Solubility Transitions. <i>Macromolecules</i> , 2010, 43, 927-933.	5.0	103
872	Orthogonal Functionalization of Silicon Substrates Using Self-Assembled Monolayers. <i>Langmuir</i> , 2010, 26, 8358-8365.	3.6	27
873	Room temperature preparation of conductive silver features using spin-coating and inkjet printing. <i>Journal of Materials Chemistry</i> , 2010, 20, 543-546.	7.3	106
874	Synthesis and Characterization of New Self-Assembled Metallo-Polymers Containing Electron-Withdrawing and Electron-Donating Bis(terpyridine) Zinc(II) Moieties. <i>Macromolecules</i> , 2010, 43, 2759-2771.	5.0	89
875	Discovering new block terpolymer micellar morphologies. <i>Chemical Communications</i> , 2010, 46, 6455.	3.4	43
876	Reactive inkjet printing of calcium alginate hydrogel porogens " a new strategy to open-pore structured matrices with controlled geometry. <i>Soft Matter</i> , 2010, 6, 866.	2.6	58
877	Fabrication of PEDOT "OTS-patterned ITO substrates. <i>Journal of Materials Chemistry</i> , 2010, 20, 6618.	7.3	11
878	Metallo-supramolecular diblock copolymers based on heteroleptic cobalt(iii) and nickel(ii) bis-terpyridine complexes. <i>Chemical Communications</i> , 2010, 46, 1296.	3.4	54
879	Aqueous gelation of ionic liquids: reverse thermoresponsive ion gels. <i>Chemical Communications</i> , 2010, 46, 6971.	3.4	52
880	2-[1-(1-Naphthyl)-1 H-1,2,3-triazol-4-yl]pyridine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o1146-o1146.	0.2	3
881	Local Probe Oxidation of Self-Assembled Monolayers on Hydrogen-Terminated Silicon. <i>ACS Nano</i> , 2009, 3, 2887-2900.	15.3	34
882	Azido- and Ethynyl-Substituted 2,2 "6 "2 "2 "2-Terpyridines as Suitable Substrates for Click Reactions. <i>Synthesis</i> , 2009, 2009, 1506-1512.	2.3	8

#	ARTICLE	IF	CITATIONS
883	Clicking™ on the nanoscale: 1,3-dipolar cycloaddition of terminal acetylenes on azide functionalized, nanometric surface templates with nanometer resolution. <i>Nanotechnology</i> , 2009, 20, 135302.	2.6	9
884	The Selective Heating of Iron Nanoparticles in a Single-Mode Microwave for the Patterned Growths of Carbon Nanofibers and Nanotubes. <i>Advanced Functional Materials</i> , 2009, 19, 1287-1292.	17.0	35
885	Sample Target Substrates with Reduced Spot Size for MALDI-TOF Mass Spectrometry Based on Patterned Self-Assembled Monolayers. <i>Advanced Functional Materials</i> , 2009, 19, 2777-2781.	17.0	16
886	On the Synthesis of Carbon Nanofibers and Nanotubes by Microwave Irradiation: Parameters, Catalysts, and Substrates. <i>Advanced Functional Materials</i> , 2009, 19, 2819-2825.	17.0	21
887	Microwave Flash Sintering of Inkjet-Printed Silver Tracks on Polymer Substrates. <i>Advanced Materials</i> , 2009, 21, 4830-4834.	24.5	211
888	Prospects of Metal Complexes Peripherally Substituted with Sugars in Biomedical Applications. <i>Chemistry - A European Journal</i> , 2009, 15, 1548-1557.	3.4	90
889	Synthesis, Characterization, and Electro-Optical Properties of Zn II Complexes with $\pi$ -Conjugated Terpyridine Ligands. <i>ChemPhysChem</i> , 2009, 10, 787-798.	1.9	51
890	Spectroscopic Investigation of the Ultrafast Photoinduced Dynamics in $\pi$ -Conjugated Terpyridines. <i>ChemPhysChem</i> , 2009, 10, 910-919.	1.9	75
891	In III and Ga III Complexes of Sugar-Substituted Tripodal Trisalicylidene Imines: The First 68 Ga-Labelled Sugar Derivative. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 4298-4307.	1.8	5
892	Synthesis of Rigid $\pi$ -Conjugated Mono-, Bis-, Tris-, and Tetrakis(terpyridine)s: Influence of the Degree and Pattern of Substitution on the Photophysical Properties. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 801-809.	2.3	66
893	Droplet Tailoring Using Evaporative Inkjet Printing. <i>Macromolecular Chemistry and Physics</i> , 2009, 210, 387-393.	2.4	46
894	The Spreading of Inkjet-Printed Droplets with Varying Polymer Molar Mass on a Dry Solid Substrate. <i>Macromolecular Chemistry and Physics</i> , 2009, 210, 495-502.	2.4	57
895	Synthesis and Characterization of Oxetane-Functionalized Phosphorescent Ir(III)-Complexes. <i>Macromolecular Chemistry and Physics</i> , 2009, 210, 531-541.	2.4	24
896	Monodisperse, Temperature-Sensitive Microgels Crosslinked by Si-O-Si Bonds. <i>Macromolecular Materials and Engineering</i> , 2009, 294, 396-404.	4.1	12
897	Tandem mass spectrometry of synthetic polymers. <i>Journal of Mass Spectrometry</i> , 2009, 44, 1277-1286.	1.7	80
898	Local Probe Oxidation of Self-Assembled Monolayers: Templates for the Assembly of Functional Nanostructures. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 1732-1739.	14.4	50
899	Click Chemistry beyond Metal-Catalyzed Cycloaddition. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 4900-4908.	14.4	833
900	Soluble Polymeric Dual Sensor for Temperature and pH-Value. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 5653-5656.	14.4	150

#	ARTICLE	IF	CITATIONS
901	Characterization of different poly(2-ethyl-2-oxazoline)s via matrix-assisted laser desorption/ionization time-of-flight tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 756-762.	1.4	42
902	Anthracene- and thiophene-containing MEH-PPV: Synthesis and study of the effect of the aromatic ring position on the photophysical and electrochemical properties. <i>Journal of Polymer Science Part A</i> , 2009, 47, 2243-2261.	2.3	26
903	Unexpected reactivity for the RAFT copolymerization of oligo(ethylene glycol) methacrylates. <i>Journal of Polymer Science Part A</i> , 2009, 47, 2811-2820.	2.3	50
904	Solution prepolymerization as a new route for preparing aliphatic polyurethane prepolymers using high-throughput experimentation. <i>Journal of Polymer Science Part A</i> , 2009, 47, 3729-3739.	2.3	11
905	Alternating terpyridine-endfunctionalized copolymers of styrene and diphenylethylene via anionic polymerization techniques: A detailed characterization study. <i>Journal of Polymer Science Part A</i> , 2009, 47, 3691-3701.	2.3	26
906	Synthesis and characterization of a series of diverse poly(2-oxazoline)s. <i>Journal of Polymer Science Part A</i> , 2009, 47, 3829-3838.	2.3	70
907	Self-assembly of $\pi$ -conjugated bis(terpyridine) ligands with zinc(II) ions: New metallosupramolecular materials for optoelectronic applications. <i>Journal of Polymer Science Part A</i> , 2009, 47, 4083-4098.	2.3	83
908	Synthesis and properties of gradient copolymers based on 2-phenyl-2-oxazoline and 2-nonyl-2-oxazoline. <i>Journal of Polymer Science Part A</i> , 2009, 47, 6433-6440.	2.3	21
909	Are $\alpha$ -nitrobenzyl (meth)acrylate monomers polymerizable by controlled radical polymerization? <i>Journal of Polymer Science Part A</i> , 2009, 47, 6504-6513.	2.3	51
910	Exploring the functional interaction between POSH and ALIX and the relevance to HIV-1 release. <i>BMC Biochemistry</i> , 2009, 10, .	4.5	22
911	Solution structure of the Equine Infectious Anemia Virus p9 protein: a rationalization of its different ALIX binding requirements compared to the analogous HIV-p6 protein. <i>BMC Structural Biology</i> , 2009, 9, .	1.8	5
912	Matrix-free UV-laser desorption/ionization (LDI) mass spectrometric imaging at the single-cell level: distribution of secondary metabolites of <i>Arabidopsis thaliana</i> and <i>Hypericum</i> species. <i>Plant Journal</i> , 2009, 60, 907-918.	6.2	197
913	Phosphorylation of the influenza A virus protein PB1-F2 by PKC is crucial for apoptosis promoting functions in monocytes. <i>Cellular Microbiology</i> , 2009, 11, 1502-1516.	1.6	63
914	Surface micellization of poly(2-oxazoline)s based copolymers containing a crystallizable block. <i>Journal of Colloid and Interface Science</i> , 2009, 332, 91-95.	9.9	7
915	Photophysical properties of PPP and PPV derivatives bearing polystyrene or polycaprolactone as side groups. <i>European Polymer Journal</i> , 2009, 45, 940-945.	5.9	10
916	Click chemistry meets polymerization: Controlled incorporation of an easily accessible ruthenium(II) complex into a PMMA backbone via RAFT copolymerization. <i>European Polymer Journal</i> , 2009, 45, 3433-3441.	5.9	21
917	Exogenous HIV-1 Vpr disrupts IFN- $\gamma$ response by plasmacytoid dendritic cells (pDCs) and subsequent pDC/NK interplay. <i>Immunology Letters</i> , 2009, 125, 100-104.	2.4	18
918	2-(1- $\alpha$ -H-1,2,3-triazol-4-yl)pyridine Ligands as Alternatives to 2,2'-bipyridines in Ruthenium(II) Complexes. <i>Chemistry - an Asian Journal</i> , 2009, 4, 154-163.	3.0	91

#	ARTICLE	IF	CITATIONS
919	Molecular solutions of cellulose in mixtures of ionic liquids with pyridine. <i>Russian Journal of Applied Chemistry</i> , 2009, 82, 666-672.	0.7	16
920	Preparation of Methacrylate End-Functionalized Poly(2-ethyl-2-oxazoline) Macromonomers. <i>Designed Monomers and Polymers</i> , 2009, 12, 149-165.	2.1	62
921	A Versatile Approach to Unimolecular Water-Soluble Carriers: ATRP of PEGMA with Hydrophobic Star-Shaped Polymeric Core Molecules as an Alternative for PEGylation. <i>Macromolecules</i> , 2009, 42, 1808-1816.	5.0	86
922	Hydrodynamic Analysis of Well-Defined Flexible Linear Macromolecules of Low Molar Mass. <i>Macromolecules</i> , 2009, 42, 7447-7455.	5.0	18
923	Supramolecular Assembly via Noncovalent Metal Coordination Chemistry: Synthesis, Characterization, and Elastic Properties. <i>Macromolecules</i> , 2009, 42, 2177-2183.	5.0	14
924	Tetherin-Driven Adaptation of Vpu and Nef Function and the Evolution of Pandemic and Nonpandemic HIV-1 Strains. <i>Cell Host and Microbe</i> , 2009, 6, 409-421.	15.1	404
925	Synthetic polymeric nanoparticles by nanoprecipitation. <i>Journal of Materials Chemistry</i> , 2009, 19, 3838.	7.3	222
926	Extended dissolution studies of cellulose in imidazolium based ionic liquids. <i>Green Chemistry</i> , 2009, 11, 417.	9.1	431
927	Expression, purification, and activities of full-length and truncated versions of the integral membrane protein Vpu from HIV-1. <i>Protein Science</i> , 2009, 11, 546-557.	5.9	75
928	Inkjet printing of proteins. <i>Soft Matter</i> , 2009, 5, 4866.	2.6	172
929	One-step inkjet printing of conductive silver tracks on polymer substrates. <i>Nanotechnology</i> , 2009, 20, 165303.	2.6	206
930	Argon plasma sintering of inkjet printed silver tracks on polymer substrates. <i>Journal of Materials Chemistry</i> , 2009, 19, 3384.	7.3	251
931	Connecting micelles by metallo-supramolecular interactions: towards stimuli responsive hierarchical materials. <i>Soft Matter</i> , 2009, 5, 3409.	2.6	58
932	Tailor Made Side-Chain Functionalized Macromolecules by Combination of Controlled Radical Polymerization and Click Chemistry. <i>Macromolecular Symposia</i> , 2009, 275-276, 73-81.	0.7	21
933	Reactive inkjet printing of polyurethanes. <i>Journal of Materials Chemistry</i> , 2009, 19, 5234.	7.3	54
934	Self-assembly of double hydrophobic block copolymers in water-ethanol mixtures: from micelles to thermoresponsive micellar gels. <i>Chemical Communications</i> , 2009, , 5582.	3.4	64
935	Screening the Synthesis of 2-Substituted-2-oxazolines. <i>ACS Combinatorial Science</i> , 2009, 11, 274-280.	4.6	65
936	2,2,6,6-Tetramethyl-2-terpyridine meets 2,6-bis(1H-1,2,3-triazol-4-yl)pyridine: tuning the electro-optical properties of ruthenium(ii) complexes. <i>Dalton Transactions</i> , 2009, , 787-794.	3.0	107

#	ARTICLE	IF	CITATIONS
937	Fast Surface Modification by Microwave Assisted Click Reactions on Silicon Substrates. <i>Langmuir</i> , 2009, 25, 8019-8024.	3.6	38
938	Phenyl-1 H-[1,2,3]triazoles as New Cyclometalating Ligands for Iridium(III) Complexes. <i>Organometallics</i> , 2009, 28, 5478-5488.	2.9	144
939	A schizophrenic gradient copolymer: switching and reversing poly(2-oxazoline) micelles based on UCST and subtle solvent changes. <i>Soft Matter</i> , 2009, 5, 3590.	2.6	79
940	Ligand dynamics on the surface of zirconium oxo clusters. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 3640.	2.7	46
941	Polymeric nanocontainers with high loading capacity of hydrophobic drugs. <i>Soft Matter</i> , 2009, 5, 1662.	2.6	48
942	Advanced supramolecular initiator for nitroxide-mediated polymerizations containing both metal-ion coordination and hydrogen-bonding sites. <i>Chemical Communications</i> , 2009, , 3386.	3.4	56
943	Correlating the mechanical and surface properties with the composition of triblock copoly(2-oxazoline)s. <i>Journal of Materials Chemistry</i> , 2009, 19, 222-229.	7.3	14
944	Self-organization of rod-coil tri- and tetra-arm star metallo-supramolecular block copolymers in selective solvents. <i>Soft Matter</i> , 2009, 5, 2954.	2.6	29
945	Rhenium and 99m-technetium complexes of monosaccharide based tripodal triamines as potential radio imaging agents. <i>Dalton Transactions</i> , 2009, , 5148.	3.0	9
946	Tuning the morphologies of amphiphilic metallo-supramolecular triblock terpolymers: from spherical micelles to switchable vesicles. <i>Soft Matter</i> , 2009, 5, 84-91.	2.6	73
947	Amphiphilic brushes from metallo-supramolecular block copolymers. <i>Soft Matter</i> , 2009, 5, 1460.	2.6	21
948	Multicompartment micelles from a metallo-supramolecular tetrablock quatercopolymer. <i>Chemical Communications</i> , 2009, , 6038.	3.4	31
949	Lower Critical Solution Temperature Behavior of Comb and Graft Shaped Poly[oligo(2-ethyl-2-oxazoline)methacrylate]s. <i>Macromolecules</i> , 2009, 42, 2965-2971.	5.0	138
950	Clicking Pentafluorostyrene Copolymers: Synthesis, Nanoprecipitation, and Glycosylation. <i>Macromolecules</i> , 2009, 42, 2387-2394.	5.0	220
951	A Study of the Kinetic Hydrate Inhibitor Performance and Seawater Biodegradability of a Series of Poly(2-alkyl-2-oxazoline)s. <i>Energy &amp; Fuels</i> , 2009, 23, 3665-3673.	5.2	101
952	Silicon-Based and Fluorinated Polymeric Surfactants for Nitroxide Mediated Dispersion Polymerization in Supercritical Carbon Dioxide. <i>Macromolecular Symposia</i> , 2009, 283-284, 120-129.	0.7	18
953	Hydrodynamic properties of cyclodextrin molecules in dilute solutions. <i>European Biophysics Journal</i> , 2009, 39, 371-379.	2.0	42
954	Modulating the activity of the channel-forming segment of Vpr protein from HIV-1. <i>European Biophysics Journal</i> , 2009, 39, 1089-1095.	2.0	8

#	ARTICLE	IF	CITATIONS
955	Protocol for Automated Kinetic Investigation/Optimization of the RAFT Polymerization of Various Monomers. <i>QSAR and Combinatorial Science</i> , 2008, 27, 977-983.	1.3	41
956	Encapsulation and release by star-shaped block copolymers as unimolecular nanocontainers. <i>Journal of Polymer Science Part A</i> , 2008, 46, 650-660.	2.3	31
957	Self-assembly of metallo-supramolecular block copolymers in thin films. <i>Journal of Polymer Science Part A</i> , 2008, 46, 4719-4724.	2.3	28
958	Initiator effect on the cationic ring-opening copolymerization of 2-ethyl-2-oxazoline and 2-phenyl-2-oxazoline. <i>Journal of Polymer Science Part A</i> , 2008, 46, 4804-4816.	2.3	59
959	Amphiphilic gradient copolymers containing fluorinated 2-phenyl-2-oxazolines: Microwave-assisted one-pot synthesis and self-assembly in water. <i>Journal of Polymer Science Part A</i> , 2008, 46, 5859-5868.	2.3	38
960	Libraries of methacrylic acid and oligo(ethylene glycol) methacrylate copolymers with LCST behavior. <i>Journal of Polymer Science Part A</i> , 2008, 46, 7138-7147.	2.3	247
961	Synthesis of full length PB1-F2 influenza A virus proteins from "Spanish flu"™ and "bird flu"™. <i>Journal of Peptide Science</i> , 2008, 14, 954-962.	2.0	9
962	Acetyl Halide Initiator Screening for the Cationic Ring-Opening Polymerization of 2-Ethyl-2-Oxazoline. <i>Macromolecular Chemistry and Physics</i> , 2008, 209, 794-800.	2.4	51
963	Poly(dimethylsiloxane)-substituted 2,2':6,2''-terpyridines: Synthesis and Characterization of New Amphiphilic Supramolecular Diblock Copolymers. <i>Macromolecular Chemistry and Physics</i> , 2008, 209, 1666-1672.	2.4	19
964	Clickable Poly(2-Oxazoline)s as Versatile Building Blocks. <i>Macromolecular Chemistry and Physics</i> , 2008, 209, 1887-1895.	2.4	112
965	MALDI-TOF MS Coupled with Collision-Induced Dissociation (CID) Measurements of Poly(methyl Tj ETQq1 1 0.784314 rgBT /Overlo	4.1	30
966	Thermosensitive and Switchable Terpyridine-Functionalized Metallo-Supramolecular Poly(N-isopropylacrylamide). <i>Macromolecular Rapid Communications</i> , 2008, 29, 1640-1647.	4.1	60
967	Advancing the Solid State Properties of Metallo-Supramolecular Materials: Poly( $\epsilon$ -caprolactone) Modified $\pi$ -Conjugated Bis(terpyridine)s and their Zn(II) Based Metallo-Polymers. <i>Macromolecular Rapid Communications</i> , 2008, 29, 1679-1686.	4.1	39
968	Copolymers Containing Phosphorescent Iridium(III) Complexes Obtained by Free and Controlled Radical Polymerization Techniques. <i>Macromolecular Rapid Communications</i> , 2008, 29, 1919-1925.	4.1	19
969	Synthesis, Microwave-Assisted Polymerization, and Polymer Properties of Fluorinated 2-Phenyl-2-oxazolines: A Systematic Study. <i>Chemistry - A European Journal</i> , 2008, 14, 10396-10407.	3.4	39
970	"Invisible" Silver Tracks Produced by Combining Hot-Embossing and Inkjet Printing. <i>Advanced Functional Materials</i> , 2008, 18, 1031-1038.	17.0	71
971	Advanced Device Architecture for Highly Efficient Organic Light-Emitting Diodes with an Orange-Emitting Crosslinkable Iridium(III) Complex. <i>Advanced Materials</i> , 2008, 20, 129-133.	24.5	145
972	Inkjet Printing of Narrow Conductive Tracks on Untreated Polymeric Substrates. <i>Advanced Materials</i> , 2008, 20, 343-345.	24.5	497

#	ARTICLE	IF	CITATIONS
973	Chemical Nanostructures of Multifunctional Self-Assembled Monolayers. <i>Advanced Materials</i> , 2008, 20, 346-351.	24.5	11
974	Photo-Embossed Surface Relief Structures with an Increased Aspect Ratios by Addition of a Reversible Addition-Fragmentation Chain Transfer Agent. <i>Advanced Materials</i> , 2008, 20, 3117-3121.	24.5	13
975	The proapoptotic influenza A virus protein PB1-F2 regulates viral polymerase activity by interaction with the PB1 protein. <i>Cellular Microbiology</i> , 2008, 10, 1140-1152.	1.6	135
976	Synthesis and characterization of poly(2-ethyl 2-oxazoline)-conjugates with proteins and drugs: Suitable alternatives to PEG-conjugates?. <i>Journal of Controlled Release</i> , 2008, 125, 87-95.	11.0	221
977	Synthesis of Poly(2-ethyl-2-oxazoline)-b-poly(styrene) Copolymers via a Dual Initiator Route Combining Cationic Ring-Opening Polymerization and Atom Transfer Radical Polymerization. <i>Macromolecules</i> , 2008, 41, 5210-5215.	5.0	63
978	Multi-component hybrid organic-inorganic particles with highly dispersed silver nanoparticles in the external shell. <i>Dalton Transactions</i> , 2008, , 4647.	3.0	10
979	Inkjet-printed silver tracks: low temperature curing and thermal stability investigation. <i>Journal of Materials Chemistry</i> , 2008, 18, 3209.	7.3	291
980	Inkjet printing as a deposition and patterning tool for polymers and inorganic particles. <i>Soft Matter</i> , 2008, 4, 703.	2.6	740
981	Influence of different branched alkyl side chains on the properties of imidazolium-based ionic liquids. <i>Journal of Materials Chemistry</i> , 2008, 18, 5267.	7.3	126
982	Inorganic-Organic Hybrid Polymers Based on Surface-Modified Metal Oxide Clusters. <i>Macromolecular Symposia</i> , 2008, 267, 1-8.	0.7	31
983	Solvent Responsive Micelles Based on Block and Gradient Copoly(2-oxazoline)s. <i>Macromolecules</i> , 2008, 41, 1581-1583.	5.0	79
984	Controlled thermoreversible transfer of poly(oxazoline) micelles between an ionic liquid and water. <i>Chemical Communications</i> , 2008, , 2753.	3.4	50
985	The preferential deposition of silica micro-particles at the boundary of inkjet printed droplets. <i>Soft Matter</i> , 2008, 4, 1072.	2.6	64
986	Tuning the LCST of poly(2-oxazoline)s by varying composition and molecular weight: alternatives to poly(N-isopropylacrylamide)?. <i>Chemical Communications</i> , 2008, , 5758.	3.4	377
987	Post-modification of poly(pentafluorostyrene): a versatile "click" method to create well-defined multifunctional graft copolymers. <i>Chemical Communications</i> , 2008, , 3516.	3.4	85
988	Tuning block copolymer micelles by metal-ligand interactions. <i>Soft Matter</i> , 2008, 4, 2278.	2.6	41
989	Reversible Supramolecular Functionalization of Surfaces: Terpyridine Ligands as Versatile Building Blocks for Noncovalent Architectures. <i>Langmuir</i> , 2008, 24, 12981-12985.	3.6	54
990	Combination of Different Chemical Surface Reactions for the Fabrication of Chemically Versatile Building Blocks onto Silicon Surfaces. <i>Langmuir</i> , 2008, 24, 10222-10227.	3.6	22

#	ARTICLE	IF	CITATIONS
991	Tuning solution polymer properties by binary water-ethanol solvent mixtures. <i>Soft Matter</i> , 2008, 4, 103-107.	2.6	119
992	Libraries of Statistical Hydroxypropyl Acrylate Containing Copolymers with LCST Properties Prepared by NMP. <i>Macromolecules</i> , 2008, 41, 5132-5140.	5.0	114
993	Synthesis and Micellization of Coil-Rod-Coil Ruthenium(II) Terpyridine Assemblies. <i>Macromolecules</i> , 2008, 41, 8823-8831.	5.0	31
994	Zinc(II) Bisterpyridine Complexes: The Influence of the Cation on the $\pi$ -Conjugation between Terpyridine and the Lateral Phenyl Substituent. <i>Journal of Physical Chemistry C</i> , 2008, 112, 18651-18660.	3.1	41
995	Supramolecular Self-Assembled Ni(II), Fe(II), and Co(II) ABA Triblock Copolymers. <i>Macromolecules</i> , 2008, 41, 2771-2777.	5.0	61
996	Synthesis and microwave assisted polymerization of fluorinated 2-phenyl-2-oxazolines: the fastest 2-oxazoline monomer to date. <i>Chemical Communications</i> , 2008, , 1458.	3.4	33
997	Effect of Side Chain Length Variation on the Optical Properties of PPE-PPV Hybrid Polymers. <i>Chemistry of Materials</i> , 2008, 20, 2727-2735.	6.7	59
998	Chemical surface reactions by click chemistry: coumarin dye modification of 11-bromoundecyltrichlorosilane monolayers. <i>Nanotechnology</i> , 2008, 19, 035703.	2.6	50
999	Human Immunodeficiency Virus (HIV)-1 Viral Protein R Suppresses Transcriptional Activity of Peroxisome Proliferator-Activated Receptor $\beta$ and Inhibits Adipocyte Differentiation: Implications for HIV-Associated Lipodystrophy. <i>Molecular Endocrinology</i> , 2008, 22, 234-247.	2.5	79
1000	Anthracene- and Thiophene-Containing Poly(p-arylene-ethynylene)/poly(p-arylene-vinylene): Towards Optimized Structures for Photovoltaic Applications. <i>Macromolecular Symposia</i> , 2008, 268, 25-27.	0.7	9
1001	Ruthenium(II) Ions triggered direct supramolecular polymerization of bis-terpyridine poly(ethylene) Tj ETQq1 1 0.784314 rgBT <sub>4</sub> /Overlock	3.1	4
1002	Structural Characterization and Oligomerization of PB1-F2, a Proapoptotic Influenza A Virus Protein. <i>Journal of Biological Chemistry</i> , 2007, 282, 353-363.	2.2	61
1003	Capillary Zone Electrophoresis of Iridium(III) and Ruthenium(II) Polypyridyl Complexes in Non-Aqueous Solvents. <i>Analytical Letters</i> , 2007, 40, 1791-1799.	2.1	1
1004	Role of cyclophilin A in HIV replication. <i>Future Virology</i> , 2007, 2, 65-78.	1.1	7
1005	Large-scale local probe oxidation of OTS monolayers. <i>Nanotechnology</i> , 2007, 18, 485306.	2.6	14
1006	High aspect ratio surface relief structures by photoembossing. <i>Applied Physics Letters</i> , 2007, 91, .	3.0	28
1007	Capillary Zone Electrophoresis of Iridium(III) and Ruthenium(II) Polypyridyl Complexes in Non-Aqueous Solvents. <i>Analytical Letters</i> , 2007, 40, 163-171.	2.1	3
1008	Proline 35 of Human Immunodeficiency Virus Type 1 (HIV-1) Vpr Regulates the Integrity of the N-Terminal Helix and the Incorporation of Vpr into Virus Particles and Supports the Replication of R5-Tropic HIV-1 in Human Lymphoid Tissue Ex Vivo. <i>Journal of Virology</i> , 2007, 81, 9572-9576.	3.6	16

#	ARTICLE	IF	CITATIONS
1009	Rigid $\pi$ -Conjugated Mono-, Bis-, and Tris(2,2',6,6'-terpyridines). <i>Organic Letters</i> , 2007, 9, 2345-2348.	4.8	76
1010	$\pi$ -Mercapto-functionalized hafnium- and zirconium-oxoclusters as nanosized building blocks for inorganic-organic hybrid materials: synthesis, characterization and photothiol-ene polymerization. <i>Journal of Materials Chemistry</i> , 2007, 17, 3297.	7.3	47
1011	Functional ruthenium(ii)- and iridium(iii)-containing polymers for potential electro-optical applications. <i>Chemical Society Reviews</i> , 2007, 36, 618-635.	37.7	201
1012	Water uptake of hydrophilic polymers determined by a thermal gravimetric analyzer with a controlled humidity chamber. <i>Journal of Materials Chemistry</i> , 2007, 17, 4864.	7.3	122
1013	Inkjet printing of polyurethane colloidal suspensions. <i>Soft Matter</i> , 2007, 3, 238-243.	2.6	37
1014	Morphological transition during the thermal deprotection of poly(isobornyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 Td (acrylate)-b-poly(2-oxazoline)s. <i>Journal of Materials Chemistry</i> , 2007, 17, 542-548.	2.6	18
1015	Evaporation induced micellization of poly(2-oxazoline) multiblock copolymers on surfaces. <i>Soft Matter</i> , 2007, 3, 79-82.	2.6	16
1016	Geometric control of inkjet printed features using a gelating polymer. <i>Journal of Materials Chemistry</i> , 2007, 17, 677-683.	7.3	111
1017	Polymer relief microstructures by inkjet etching. <i>Journal of Materials Chemistry</i> , 2007, 17, 3045.	7.3	22
1018	Elastic moduli for a diblock copoly(2-oxazoline) library obtained by high-throughput screening. <i>Journal of Materials Chemistry</i> , 2007, 17, 2713.	7.3	29
1019	Two-Dimensional Self-Assembly of Linear Poly(ethylene oxide)-b-poly( $\mu$ -caprolactone) Copolymers at the Air-Water Interface. <i>Langmuir</i> , 2007, 23, 2423-2429.	3.6	45
1020	Effect of Styryl Side Groups on the Photophysical Properties and Hole Mobility of PPE-PPV Systems. <i>Macromolecules</i> , 2007, 40, 7786-7794.	5.0	29
1021	Statistical Approach To Understand MALDI-TOFMS Matrices: Discovery and Evaluation of New MALDI Matrices. <i>Analytical Chemistry</i> , 2007, 79, 863-869.	6.5	31
1022	Synthesis and Aqueous Micellization of Amphiphilic Tetrablock Ter- and Quarterpoly(2-oxazoline)s. <i>Macromolecules</i> , 2007, 40, 2837-2843.	5.0	73
1023	Synthesis and Structure-Property Relationships of Random and Block Copolymers: A Direct Comparison for Copoly(2-oxazoline)s. <i>Macromolecules</i> , 2007, 40, 5879-5886.	5.0	75
1024	Plant oil renewable resources as green alternatives in polymer science. <i>Chemical Society Reviews</i> , 2007, 36, 1788.	37.7	1,401
1025	Clicking polymers: a straightforward approach to novel macromolecular architectures. <i>Chemical Society Reviews</i> , 2007, 36, 1369.	37.7	756
1026	Tunable pH- and Temperature-Sensitive Copolymer Libraries by Reversible Addition-Fragmentation Chain Transfer Copolymerizations of Methacrylates. <i>Macromolecules</i> , 2007, 40, 915-920.	5.0	322

#	ARTICLE	IF	CITATIONS
1027	Application possibilities of preparative size exclusion chromatography to analytical problems in polymer science. <i>E-Polymers</i> , 2007, 7, .	3.1	0
1028	Controlled Pattern Formation of Poly[2-methoxy-5-(2-ethylhexyloxy)-1,4-phenylenevinylene] (MEH-PPV) by Ink-Jet Printing. <i>Advanced Functional Materials</i> , 2007, 17, 277-284.	17.0	78
1029	Inkjet Printing of Luminescent CdTe Nanocrystal-Polymer Composites. <i>Advanced Functional Materials</i> , 2007, 17, 23-28.	17.0	179
1030	Magnetorheological Fluids Based on Ionic Liquids. <i>Advanced Materials</i> , 2007, 19, 1740-1747.	24.5	159
1031	Screening of EPDM Cure States Using Depth-Sensing Indentation. <i>Macromolecular Chemistry and Physics</i> , 2007, 208, 915-923.	2.4	9
1032	New Insights into Nickel(II), Iron(II), and Cobalt(II) Bis-Complex-Based Metallo-Supramolecular Polymers. <i>Macromolecular Chemistry and Physics</i> , 2007, 208, 679-689.	2.4	61
1033	Micellization of Poly(2-oxazoline)-Based Quasi-Diblock Copolymers on Surfaces. <i>Macromolecular Chemistry and Physics</i> , 2007, 208, 2026-2031.	2.4	13
1034	New Polyester-Based Terpyridine Macroligands and their Blue Iron(II) Complexes. <i>Macromolecular Chemistry and Physics</i> , 2007, 208, 1956-1964.	2.4	20
1035	Microwave-Assisted Homogeneous Polymerizations in Water-Soluble Ionic Liquids: An Alternative and Green Approach for Polymer Synthesis. <i>Macromolecular Rapid Communications</i> , 2007, 28, 456-464.	4.1	69
1036	Microwave-Assisted Polymer Synthesis: Recent Developments in a Rapidly Expanding Field of Research. <i>Macromolecular Rapid Communications</i> , 2007, 28, 368-386.	4.1	367
1037	Scale-Up of Microwave-Assisted Polymerizations in Continuous-Flow Mode: Cationic Ring-Opening Polymerization of 2-Ethyl-2-oxazoline. <i>Macromolecular Rapid Communications</i> , 2007, 28, 484-491.	4.1	62
1038	Cu(II)-Mediated ATRP of MMA by Using a Novel Tetradentate Amine Ligand with Oligo(ethylene glycol) Pendant Groups. <i>Macromolecular Rapid Communications</i> , 2007, 28, 1161-1166.	4.1	48
1039	Transport of Guest Molecules by Unimolecular Micelles Evidenced in Analytical Ultracentrifugation Experiments. <i>Macromolecular Rapid Communications</i> , 2007, 28, 1429-1433.	4.1	2
1040	Homogeneous Tritylation of Cellulose in 1-Butyl-3-methylimidazolium Chloride. <i>Macromolecular Bioscience</i> , 2007, 7, 440-445.	4.0	171
1041	3-(2,2,6,6-tetramethyl-2-terpyridin-4-yl)propyl toluene-4-sulfonate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o2311-o2313.	0.2	1
1042	Patterned Polymer Brushes Grafted from Bromine-Functionalized, Chemically Active Surface Templates. <i>Small</i> , 2007, 3, 220-225.	11.5	34
1043	One-pot synthesis of 2-phenyl-2-oxazoline-containing quasi-diblock copoly(2-oxazoline)s under microwave irradiation. <i>Journal of Polymer Science Part A</i> , 2007, 45, 416-422.	2.3	79
1044	Synthesis, characterization, and cross-linking of a library of statistical copolymers based on 2-oxoalkyl-2-oxazoline and 2-ethyl-2-oxazoline. <i>Journal of Polymer Science Part A</i> , 2007, 45, 5371-5379.	2.3	22

#	ARTICLE	IF	CITATIONS
1045	Poly(2-oxazolines) in biological and biomedical application contexts. <i>Advanced Drug Delivery Reviews</i> , 2007, 59, 1504-1520.	15.4	473
1046	New Preparation and Purification Methods for Metallo-Supramolecular Block Copolymers. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2007, 17, 241-249.	4.3	13
1047	Automated Scanning Probe Microscopy for Combinatorial Polymer Research. <i>Materials Research Society Symposia Proceedings</i> , 2006, 894, .	0.1	0
1048	Combinatorial Compounding. <i>Materials Research Society Symposia Proceedings</i> , 2006, 894, .	0.1	0
1049	Highly dispersed nickel and palladium nanoparticle silica aerogels: sol-gel processing of tethered metal complexes and application as catalysts in the Mizoroki-Heck reaction. <i>New Journal of Chemistry</i> , 2006, 30, 1093-1097.	2.4	60
1050	Microwave-assisted cationic ring-opening polymerization of a soy-based 2-oxazoline monomer. <i>Green Chemistry</i> , 2006, 8, 895.	9.1	52
1051	Tuning the Hydrophilicity of Gold Nanoparticles Templated in Star Block Copolymers. <i>Langmuir</i> , 2006, 22, 6690-6695.	3.6	68
1052	Progress in the characterization of synthetic (supramolecular) polymers by analytical ultracentrifugation. <i>Soft Matter</i> , 2006, 2, 561-572.	2.6	39
1053	Fast and "green" living cationic ring opening polymerization of 2-ethyl-2-oxazoline in ionic liquids under microwave irradiation. <i>Chemical Communications</i> , 2006, , 3797-3799.	3.4	91
1054	Predicting thermochemical parameters of oxygen-containing heterocycles using simple QSPR models. <i>Molecular Simulation</i> , 2006, 32, 125-134.	2.2	7
1055	Selected successful approaches in combinatorial materials research. <i>Soft Matter</i> , 2006, 2, 371.	2.6	12
1056	Light-emitting iridium(iii) and ruthenium(ii) polypyridyl complexes containing quadruple hydrogen-bonding moieties. <i>Dalton Transactions</i> , 2006, , 1636-1644.	3.0	44
1057	Film thickness dependency of the emission colors of PPE-PPVs in inkjet printed libraries. <i>Journal of Materials Chemistry</i> , 2006, 16, 4294-4298.	7.3	68
1058	Ring-opening metathesis polymerizations with norbornene carboxylate-substituted metal oxo clusters. <i>Journal of Materials Chemistry</i> , 2006, 16, 3268.	7.3	49
1059	Star-shaped block copolymer stabilized palladium nanoparticles for efficient catalytic Heck cross-coupling reactions. <i>Journal of Materials Chemistry</i> , 2006, 16, 3001.	7.3	68
1060	Synthesis of star-shaped poly( $\mu$ -caprolactone) via "click" chemistry and "supramolecular click" chemistry. <i>Chemical Communications</i> , 2006, , 4010-4012.	3.4	164
1061	Langmuir and Langmuir-Blodgett Films of Poly(ethylene oxide)-b-Poly( $\mu$ -caprolactone) Star-Shaped Block Copolymers. <i>Langmuir</i> , 2006, 22, 9264-9271.	3.6	48
1062	Supramolecular ABA Triblock Copolymers via a Polycondensation Approach: Synthesis, Characterization, and Micelle Formation. <i>Macromolecules</i> , 2006, 39, 1569-1576.	5.0	62

#	ARTICLE	IF	CITATIONS
1063	Solvent-Induced Morphological Transition in Core-Cross-Linked Block Copolymer Micelles. <i>Journal of the American Chemical Society</i> , 2006, 128, 3784-3788.	15.0	119
1064	Microwave-Assisted Cationic Ring-Opening Polymerization of 2-Oxazolines: A Powerful Method for the Synthesis of Amphiphilic Triblock Copolymers. <i>Macromolecules</i> , 2006, 39, 4719-4725.	5.0	134
1065	Optimizing Photo-Embossed Gratings: A Gradient Library Approach. <i>ACS Combinatorial Science</i> , 2006, 8, 228-236.	4.6	23
1066	The use of (metallo-)supramolecular initiators for living/controlled polymerization techniques. <i>Chemical Society Reviews</i> , 2006, 35, 622.	37.7	104
1067	High-Throughput Screening and Optimization of Photoembossed Relief Structures. <i>ACS Combinatorial Science</i> , 2006, 8, 184-191.	4.6	23
1068	Study of the Influence of the Metal-Ligand Complex on the Size of Aqueous Metallo-Supramolecular Micelles. <i>Macromolecules</i> , 2006, 39, 5484-5488.	5.0	40
1069	Microwave-Assisted Synthesis of 3,6-Di(pyridin-2-yl)pyridazines: Unexpected Ketone and Aldehyde Cycloadditions. <i>Journal of Organic Chemistry</i> , 2006, 71, 4903-4909.	3.5	36
1070	First GPC results of terpyridine based chain extended supramolecular polymers: comparison with viscosity and analytical ultracentrifugation. <i>E-Polymers</i> , 2006, 6, .	3.1	7
1071	Optimization of the nitroxide-mediated radical polymerization conditions for styrene and tert-butyl acrylate in an automated parallel synthesizer. <i>Journal of Polymer Science Part A</i> , 2006, 44, 6202-6213.	2.3	57
1072	High-throughput experimentation in synthetic polymer chemistry: From RAFT and anionic polymerizations to process development. <i>Applied Surface Science</i> , 2006, 252, 2555-2561.	6.7	53
1073	Accelerated pressure synthesis and characterization of 2-oxazoline block copolymers. <i>Polymer</i> , 2006, 47, 75-84.	4.1	46
1074	Buckle morphology of compressed inorganic thin layers on a polymer substrate. <i>Thin Solid Films</i> , 2006, 503, 167-176.	1.9	67
1075	Coordination of mono- and diamines to titanium and zirconium alkoxides. <i>Journal of Sol-Gel Science and Technology</i> , 2006, 40, 155-162.	2.7	24
1076	Microwave-assisted synthesis and micellization behavior of soy-based copoly(2-oxazoline)s. <i>Colloid and Polymer Science</i> , 2006, 284, 1313-1318.	2.1	24
1077	Two-step curing processes for coating application. <i>Progress in Organic Coatings</i> , 2006, 55, 154-159.	4.0	13
1078	Water-Soluble Ionic Liquids as Novel Stabilizers in Suspension Polymerization Reactions: Engineering Polymer Beads. <i>Chemistry - A European Journal</i> , 2006, 12, 9036-9045.	3.4	58
1079	Can the Clusters $Zr_6O_4(OH)_4(OOCR)_2$ and $[Zr_6O_4(OH)_4(OOCR)_2]_2$ Be Converted into Each Other?. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 3283-3293.	1.8	121
1080	Adhesion on the Nano- and Macroscale: Interaction between Copper and SAN/SMAh Copolymers. <i>ChemPhysChem</i> , 2006, 7, 1912-1916.	1.9	5

#	ARTICLE	IF	CITATIONS
1081	Characterization of Metallo-Supramolecular Block Copolymers by Analytical Ultracentrifugation. <i>Macromolecular Chemistry and Physics</i> , 2006, 207, 2029-2041.	2.4	14
1082	Terpyridine-Terminated Homo and Diblock Copolymer LEGO Units by Nitroxide-Mediated Radical Polymerization. <i>Macromolecular Chemistry and Physics</i> , 2006, 207, 1439-1449.	2.4	23
1083	Thermo-responsive Poly(methyl methacrylate)-block-poly(N-isopropylacrylamide) Block Copolymers Synthesized by RAFT Polymerization: Micellization and Gelation. <i>Macromolecular Chemistry and Physics</i> , 2006, 207, 1718-1726.	2.4	89
1084	Morphologies of Spin-Coated Films of a Library of Diblock Copoly(2-oxazoline)s and Their Correlation to the Corresponding Surface Energies. <i>Macromolecular Rapid Communications</i> , 2006, 27, 405-411.	4.1	25
1085	Scale-up of Microwave-Assisted Polymerizations in Batch Mode: The Cationic Ring-Opening Polymerization of 2-Ethyl-2-oxazoline. <i>Macromolecular Rapid Communications</i> , 2006, 27, 1556-1560.	4.1	47
1086	Force Spectroscopic Investigations During the Local Oxidation of n-Octadecyltrichlorosilane Monolayers. <i>Advanced Functional Materials</i> , 2006, 16, 76-82.	17.0	15
1087	Polymer-Relief Microstructures by Inkjet Etching. <i>Advanced Materials</i> , 2006, 18, 910-914.	24.5	65
1088	Ink-jet Printing and Microwave Sintering of Conductive Silver Tracks. <i>Advanced Materials</i> , 2006, 18, 2101-2104.	24.5	578
1089	A Green and Straightforward Synthesis of 4-Substituted Terpyridines. <i>Synthesis</i> , 2006, 2006, 2873-2878.	2.3	17
1090	High-throughput experimentation applied to atom transfer radical polymerization: Automated optimization of the copper catalysts removal from polymers. <i>E-Polymers</i> , 2006, 6, .	3.1	7
1091	Ability of nitrones of various structures to control the radical polymerization of styrene mediated by in situ formed nitroxides. <i>Polymer</i> , 2005, 46, 9632-9641.	4.1	39
1092	Oligonucleotide-protamine-albumin nanoparticles: preparation, physical properties, and intracellular distribution. <i>Journal of Controlled Release</i> , 2005, 103, 99-111.	11.0	37
1093	Oligonucleotide-protamine-albumin nanoparticles: Protamine sulfate causes drastic size reduction. <i>Journal of Controlled Release</i> , 2005, 106, 181-187.	11.0	33
1094	Oxidation Conditions for Octadecyl Trichlorosilane Monolayers on Silicon: A Detailed Atomic Force Microscopy Study of the Effects of Pulse Height and Duration on the Oxidation of the Monolayer and the Underlying Si Substrate. <i>Advanced Functional Materials</i> , 2005, 15, 938-944.	17.0	66
1095	New Trends in the Use of Transition Metal-Ligand Complexes for Applications in Electroluminescent Devices. <i>Advanced Materials</i> , 2005, 17, 1109-1121.	24.5	722
1096	Nanoporous Thin Films from Self-Assembled Metallo- Supramolecular Block Copolymers. <i>Advanced Materials</i> , 2005, 17, 1162-1165.	24.5	97
1097	Photoembossing of Periodic Relief Structures Using Polymerization- Induced Diffusion: A Combinatorial Study. <i>Advanced Materials</i> , 2005, 17, 2567-2571.	24.5	63
1098	Iridium(III) Complexes with PEO and PS Polymer Macroligands and Light-Emitting Properties: Synthesis and Characterization. <i>Macromolecular Chemistry and Physics</i> , 2005, 206, 989-997.	2.4	34

#	ARTICLE	IF	CITATIONS
1099	Ink-Jet Printing of Linear and Star Polymers. <i>Macromolecular Rapid Communications</i> , 2005, 26, 310-314.	4.1	52
1100	Ink-Jet Printing of Luminescent Ruthenium- and Iridium-Containing Polymers for Applications in Light-Emitting Devices. <i>Macromolecular Rapid Communications</i> , 2005, 26, 293-297.	4.1	79
1101	Ink-Jet Printing of Electron Donor/Acceptor Blends: Towards Bulk Heterojunction Solar Cells. <i>Macromolecular Rapid Communications</i> , 2005, 26, 319-324.	4.1	68
1102	Microwave Accelerated Polymerization of 2-Phenyl-2-oxazoline: Microwave or Temperature Effects?. <i>Macromolecular Rapid Communications</i> , 2005, 26, 1773-1778.	4.1	37
1103	PEO-b-PCL Block Copolymers: Synthesis, Detailed Characterization, and Selected Micellar Drug Encapsulation Behavior. <i>Macromolecular Rapid Communications</i> , 2005, 26, 1918-1924.	4.1	91
1104	Predicting the Morphology of Metallo-Supramolecular Block Copolymers with Bulky Counter Ions. <i>Macromolecular Rapid Communications</i> , 2005, 26, 1948-1954.	4.1	3
1105	Ethyl 5,5-dimethyl-2,2,6,6-terpyridine-4-carboxylate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005, 61, o4322-o4324.	0.2	0
1106	From Science to Innovation and From Data to Knowledge: eScience in the Dutch Polymer Institute's High-Throughput Experimentation Cluster. <i>QSAR and Combinatorial Science</i> , 2005, 24, 58-65.	1.3	11
1107	Reversible Addition-Fragmentation Chain Transfer Polymerization on different Synthesizer Platforms. <i>QSAR and Combinatorial Science</i> , 2005, 24, 863-867.	1.3	25
1108	Influenza A virus protein PB1-F2: synthesis and characterization of the biologically active full length protein and related peptides. <i>Journal of Peptide Science</i> , 2005, 11, 481-490.	2.0	24
1109	Concentration effects in the cationic ring-opening polymerization of 2-ethyl-2-oxazoline in N,N-dimethylacetamide. <i>Journal of Polymer Science Part A</i> , 2005, 43, 1487-1497.	2.3	44
1110	Greenish-yellow-, yellow-, and orange-light-emitting iridium(III) polypyridyl complexes with poly( $\epsilon$ -caprolactone)-bipyridine macroligands. <i>Journal of Polymer Science Part A</i> , 2005, 43, 2765-2776.	2.3	55
1111	Systematic parallel investigation of RAFT polymerizations for eight different (meth)acrylates: A basis for the designed synthesis of block and random copolymers. <i>Journal of Polymer Science Part A</i> , 2005, 43, 3831-3839.	2.3	82
1112	Automated parallel anionic polymerizations: Enhancing the possibilities of a widely used technique in polymer synthesis. <i>Journal of Polymer Science Part A</i> , 2005, 43, 4151-4160.	2.3	42
1113	The LEGO toolbox: Supramolecular building blocks by nitroxide-mediated controlled radical polymerization. <i>Journal of Polymer Science Part A</i> , 2005, 43, 6331-6344.	2.3	47
1114	Fabrication via Electrochemical Oxidation of Self-Assembled Monolayers and Site-Selective Derivatization of Surface Templates. <i>Small</i> , 2005, 1, 628-632.	11.5	33
1115	Solution Structure of the Human Immunodeficiency Virus Type 1 p6 Protein*. <i>Journal of Biological Chemistry</i> , 2005, 280, 42515-42527.	2.2	58
1116	Combinatorial and high-throughput approaches in polymer science. <i>Measurement Science and Technology</i> , 2005, 16, 203-211.	3.0	50

#	ARTICLE	IF	CITATIONS
1117	Synthesis and characterization of 4- and 6-arm star-shaped poly( $\epsilon$ -caprolactone)s. <i>E-Polymers</i> , 2005, 5, .	3.1	1
1118	Integration of MALDI-TOFMS as high-throughput screening tool into the workflow of combinatorial polymer research. <i>Review of Scientific Instruments</i> , 2005, 76, 062211.	1.5	16
1119	High-throughput synthesis equipment applied to polymer research. <i>Review of Scientific Instruments</i> , 2005, 76, 062202.	1.5	31
1120	The ubiquitin-proteasome system in HIV replication: potential targets for antiretroviral therapy. <i>Expert Review of Anti-Infective Therapy</i> , 2005, 3, 61-79.	3.9	39
1121	Microwave-assisted nitroxide-mediated polymerization of alkyl acrylates. <i>E-Polymers</i> , 2005, 5, .	3.1	7
1122	Sector Spin Coating for Fast Preparation of Polymer Libraries. <i>ACS Combinatorial Science</i> , 2005, 7, 952-957.	4.6	14
1123	Sequential oxidation and functionalization of nanostructures: the site-specific controlled assembly of different sized particles on a surface. <i>Journal of Materials Chemistry</i> , 2005, 15, 2353.	7.3	17
1124	Microwave-assisted synthesis and properties of a series of poly(2-alkyl-2-oxazoline)s. <i>Designed Monomers and Polymers</i> , 2005, 8, 659-671.	2.1	172
1125	High Molecular Weight Supramolecular Polymers Containing Both Terpyridine Metal Complexes and Ureidopyrimidinone Quadruple Hydrogen-Bonding Units in the Main Chain. <i>Journal of the American Chemical Society</i> , 2005, 127, 2913-2921.	15.0	239
1126	Atom Transfer Radical Polymerization of 3-Ethyl-3-(acryloyloxy)methyloxetane. <i>Macromolecules</i> , 2005, 38, 3596-3600.	5.0	46
1127	Structure-Property Study of Diblock Copolymer Micelles: Core and Corona Radius with Varying Composition and Degree of Polymerization. <i>Macromolecules</i> , 2005, 38, 10185-10191.	5.0	43
1128	Phase Behavior of the Melt of Polystyrene-Poly(ethylene oxide) Metallo-Supramolecular Diblock Copolymer with Bulky Counterions. <i>Macromolecules</i> , 2005, 38, 2832-2836.	5.0	36
1129	RAFT Polymerization of 1-Ethoxyethyl Acrylate: A Novel Route toward Near-Monodisperse Poly(acrylic) Tj ETQq1.1 0.784314 rgB	5.0	67
1130	Synthesis of Terpyridine-Terminated Polymers by Anionic Polymerization. <i>Macromolecules</i> , 2005, 38, 10388-10396.	5.0	32
1131	Influence of additives and post-synthesis treatment on the structural properties of sol-gel prepared alumina-doped zirconia studied by EXAFS-spectroscopy and X-ray diffraction. <i>Journal of Non-Crystalline Solids</i> , 2005, 351, 432-443.	3.3	6
1132	Investigation of the Living Cationic Ring-Opening Polymerization of 2-Methyl-, 2-Ethyl-, 2-Nonyl-, and 2-Phenyl-2-oxazoline in a Single-Mode Microwave Reactor. <i>Macromolecules</i> , 2005, 38, 5025-5034.	5.0	280
1133	Microwave-Assisted Synthesis of a 42-Membered Library of Diblock Copoly(2-oxazoline)s and Chain-Extended Homo Poly(2-oxazoline)s and Their Thermal Characterization. <i>Macromolecules</i> , 2005, 38, 7957-7966.	5.0	141
1134	Star-Block Copolymers as Templates for the Preparation of Stable Gold Nanoparticles. <i>Langmuir</i> , 2005, 21, 7995-8000.	3.6	97

#	ARTICLE	IF	CITATIONS
1135	The Introduction of High-Throughput Experimentation Methods for Suzuki–Miyaura Coupling Reactions in University Education. <i>Journal of Chemical Education</i> , 2005, 82, 1693.	2.8	19
1136	Fluorescent sensing of transition metal ions based on the encapsulation of dithranol in a polymeric core shell architecture. <i>Chemical Communications</i> , 2005, , 4610.	3.4	62
1137	Mixed Silica Titania Materials Prepared from a Single-Source Sol–Gel Precursor: A Time-Resolved SAXS Study of the Gelation, Aging, Supercritical Drying, and Calcination Processes. <i>Chemistry of Materials</i> , 2005, 17, 3146-3153.	6.7	49
1138	Combinatorial methods and high-throughput experimentation in synthetic polymer chemistry. <i>Materials Research Society Symposia Proceedings</i> , 2004, 804, .	0.1	0
1139	Formation of Metallo-Polymers and -Macrocycles by Complexation of Alkyl-Linked Di-Terpyridines with Iron(II) Ions. <i>Synthesis</i> , 2004, 2004, 1229-1238.	2.3	6
1140	Synthesis of an Isocyanate-Functionalized Terpyridine as Building Block for Metallo-Supramolecular Polymers. <i>Synlett</i> , 2004, , 1779-1783.	1.4	0
1141	A Novel Light-Emitting Mixed-Ligand Iridium(III) Complex With a Polymeric Terpyridine-PEG Macroligand: Synthesis And Characterization. <i>Materials Research Society Symposia Proceedings</i> , 2004, 846, .	0.1	0
1142	Novel iridium complexes with polymer side-chains. <i>Materials Research Society Symposia Proceedings</i> , 2004, 846, .	0.1	0
1143	Linear coordination polymers: synthetic strategies and solution viscosities. <i>Designed Monomers and Polymers</i> , 2004, 7, 191-201.	2.1	17
1144	Organofunctional Metal Oxide Clusters as Building Blocks for Inorganic-Organic Hybrid Materials. <i>Journal of Sol-Gel Science and Technology</i> , 2004, 31, 19-24.	2.7	53
1145	Asymmetric Bipyridine-Terpyridine-Copper(II) Complexes: An Approach for New Supramolecular Architectures. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2004, 630, 683-688.	0.9	15
1146	Polymeric ruthenium bipyridine complexes: New potential materials for polymer solar cells. <i>Journal of Polymer Science Part A</i> , 2004, 42, 374-385.	2.3	41
1147	Parallel kinetic investigation of 2-oxazoline polymerizations with different initiators as basis for designed copolymer synthesis. <i>Journal of Polymer Science Part A</i> , 2004, 42, 1830-1840.	2.3	114
1148	High-throughput experimentation in atom transfer radical polymerization: A general approach toward a directed design and understanding of optimal catalytic systems. <i>Journal of Polymer Science Part A</i> , 2004, 42, 1876-1885.	2.3	51
1149	Mixed iridium(III) and ruthenium(II) polypyridyl complexes containing poly( $\epsilon$ -caprolactone)-bipyridine macroligands. <i>Journal of Polymer Science Part A</i> , 2004, 42, 4153-4160.	2.3	55
1150	Expanding the supramolecular polymer LEGO system: Nitroxide-mediated living free-radical polymerization as a tool for mono- and telechelic polystyrenes. <i>Journal of Polymer Science Part A</i> , 2004, 42, 4016-4027.	2.3	74
1151	Free radical and thermal curing of terpyridine-modified terpolymers. <i>Journal of Polymer Science Part A</i> , 2004, 42, 4028-4035.	2.3	10
1152	Metallo-supramolecular block copolymer micelles: Improved preparation and characterization. <i>Journal of Polymer Science Part A</i> , 2004, 42, 4458-4465.	2.3	32

#	ARTICLE	IF	CITATIONS
1153	Iron halide mediated atom transfer radical polymerization of methyl methacrylate with N-alkyl-2-pyridylmethanimine as the ligand. <i>Journal of Polymer Science Part A</i> , 2004, 42, 4882-4894.	2.3	37
1154	Automated parallel investigations/optimizations of the reversible addition-fragmentation chain transfer polymerization of methyl methacrylate. <i>Journal of Polymer Science Part A</i> , 2004, 42, 5775-5783.	2.3	58
1155	Nanolithography and Nanochemistry: Probe-Related Patterning Techniques and Chemical Modification for Nanometer-Sized Devices. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 2480-2495.	14.4	306
1156	New Functional Polymers and Materials Based on 2,2',6',2''-Terpyridine Metal Complexes. <i>Advanced Materials</i> , 2004, 16, 1043-1068.	24.5	360
1157	Nanolithographie und Nanochemie: Sondentechniken zur Strukturierung und chemischen Modifizierung von Nanobauelementen. <i>Angewandte Chemie</i> , 2004, 116, 2534-2550.	1.4	23
1158	Synthesis of 2,2'-Bipyridines: Versatile Building Blocks for Sexy Architectures and Functional Nanomaterials. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 235-254.	2.3	190
1159	Combinatorial Methods, Automated Synthesis and High-Throughput Screening in Polymer Research: The Evolution Continues. <i>Macromolecular Rapid Communications</i> , 2004, 25, 21-33.	4.1	124
1160	Ink-jet Printing Polymers and Polymer Libraries Using Micropipettes. <i>Macromolecular Rapid Communications</i> , 2004, 25, 292-296.	4.1	123
1161	Software Solutions for Combinatorial and High-Throughput Materials and Polymer Research. <i>Macromolecular Rapid Communications</i> , 2004, 25, 48-58.	4.1	26
1162	Techniques and Instrumentation for Combinatorial and High-Throughput Polymer Research: Recent Developments. <i>Macromolecular Rapid Communications</i> , 2004, 25, 69-76.	4.1	22
1163	High-Throughput Investigation of Polymerization Kinetics by Online Monitoring of GPC and GC. <i>Macromolecular Rapid Communications</i> , 2004, 25, 237-242.	4.1	52
1164	A High-Throughput Approach towards Tailor-Made Water-Soluble Metallo-Supramolecular Polymers. <i>Macromolecular Rapid Communications</i> , 2004, 25, 321-325.	4.1	19
1165	The Effect of Temperature on the Living Cationic Polymerization of 2-Phenyl-2-oxazoline Explored Utilizing an Automated Synthesizer. <i>Macromolecular Rapid Communications</i> , 2004, 25, 339-343.	4.1	49
1166	A Mixed Ruthenium Polypyridyl Complex Containing a PEG-Bipyridine Macroligand. <i>Macromolecular Rapid Communications</i> , 2004, 25, 793-798.	4.1	36
1167	Monomode Microwave-Assisted Atom Transfer Radical Polymerization. <i>Macromolecular Rapid Communications</i> , 2004, 25, 1225-1230.	4.1	63
1168	Metallo-Polymerization/-Cyclization of a C16-Bridged Di-Terpyridine Ligand and Iron(II) Ions. <i>Macromolecular Rapid Communications</i> , 2004, 25, 1371-1375.	4.1	29
1169	A Novel Light-Emitting Mixed-Ligand Iridium(III) Complex with a Terpyridine-Poly(ethylene glycol) Macroligand. <i>Macromolecular Rapid Communications</i> , 2004, 25, 1491-1496.	4.1	45
1170	Microwave-Assisted Polymer Synthesis: State-of-the-Art and Future Perspectives. <i>Macromolecular Rapid Communications</i> , 2004, 25, 1739-1764.	4.1	470

#	ARTICLE	IF	CITATIONS
1171	Single-Mode Microwave Ovens as New Reaction Devices: Accelerating the Living Polymerization of 2-Ethyl-2-Oxazoline. <i>Macromolecular Rapid Communications</i> , 2004, 25, 1895-1899.	4.1	188
1172	Characterization of a Poly(2-oxazoline) Library by High-Throughput, Automated Contact-Angle Measurements and Surface-Energy Calculations. <i>Macromolecular Rapid Communications</i> , 2004, 25, 1958-1962.	4.1	41
1173	Cylindrical Micelles from the Aqueous Self-Assembly of an Amphiphilic Poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 60 the Block Junction. <i>Chemistry - A European Journal</i> , 2004, 10, 4315-4323.	3.4	121
1174	Synthesis, complete characterization, and enantioselective electrokinetic separation of functionalized ruthenium complex enantiomers. <i>Chirality</i> , 2004, 16, 363-368.	3.2	14
1175	Self-assembled chiral terpyridine ruthenium complexes. <i>Tetrahedron Letters</i> , 2004, 45, 261-264.	1.4	10
1176	Synthesis and optical properties of (a)chiral terpyridineâ€“ruthenium complexes. <i>Tetrahedron</i> , 2004, 60, 6121-6128.	2.0	9
1177	New supramolecular polymers containing both terpyridine metal complexes and quadruple hydrogen bonding units Electronic supplementary information (ESI) available: experimental details. See <a href="http://www.rsc.org/suppdata/cc/b3/b314459n/">http://www.rsc.org/suppdata/cc/b3/b314459n/</a> . <i>Chemical Communications</i> , 2004, , 318.	3.4	83
1178	Ink-jet printing of polymers ? from single dots to thin film libraries. <i>Journal of Materials Chemistry</i> , 2004, 14, 2627.	7.3	216
1179	An efficient iron-based catalyst bearing N-alkyl-2-pyridylmethanimine ligand for atom transfer radical polymerisation. <i>Chemical Communications</i> , 2004, , 858.	3.4	19
1180	Block copolymer libraries: modular versatility of the macromolecular LegoÂ® system. <i>Chemical Communications</i> , 2004, , 2886-2887.	3.4	34
1181	Combinatorial Synthesis of Star-Shaped Block Copolymers:â€“ Hostâˆ“ Guest Chemistry of Unimolecular Reversed Micelles. <i>Journal of the American Chemical Society</i> , 2004, 126, 11517-11521.	15.0	114
1182	Combined Biotin-Terpyridine Systems:Â A New Versatile Bridge between Biology, Polymer Science and Metallo-supramolecular Chemistry. <i>Biomacromolecules</i> , 2004, 5, 2055-2064.	5.1	27
1183	Photovoltaic Properties of a Conjugated Polymer Blend of MDMOâˆ“PPV and PCNEPV. <i>Chemistry of Materials</i> , 2004, 16, 2503-2508.	6.7	119
1184	From Data to Knowledge:Â Chemical Data Management, Data Mining, and Modeling in Polymer Science. <i>ACS Combinatorial Science</i> , 2004, 6, 12-23.	4.6	30
1185	Inkjet Printing of Well-Defined Polymer Dots and Arrays. <i>Langmuir</i> , 2004, 20, 7789-7793.	3.6	467
1186	Control of the ratio of functional and non-functional ligands in clusters of the type Zr6O4(OH)4(carboxylate)12 for their use as building blocks for inorganicâ€“organic hybrid polymers. <i>Journal of Materials Chemistry</i> , 2004, 14, 3133-3138.	7.3	97
1187	Recent developments in the supramolecular chemistry of terpyridineâ€“metal complexes. <i>Chemical Society Reviews</i> , 2004, 33, 373-399.	37.7	780
1188	Title is missing!. <i>Journal of Sol-Gel Science and Technology</i> , 2003, 26, 47-55.	2.7	73

#	ARTICLE	IF	CITATIONS
1189	Synthesis and Characterization of Novel Substituted 3,6-Di(2-pyridyl)pyridazine Metal-Coordinating Ligands. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 4887-4896.	2.3	51
1190	Syntheses of Functionalized 2,2',6',2''-Terpyridines. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 947-961.	2.3	146
1191	Relative binding strength of terpyridine model complexes under matrix-assisted laser desorption/ionization mass spectrometry conditions. <i>Journal of Mass Spectrometry</i> , 2003, 38, 510-516.	1.7	81
1192	Linear Terpyridine-Ruthenium(II) Poly(ethylene glycol) Coordination Polymers. <i>Macromolecular Chemistry and Physics</i> , 2003, 204, 2197-2203.	2.4	85
1193	Supramolecular Branching and Crosslinking of Terpyridine-Modified Copolymers: Complexation and Decomplexation Studies in Diluted Solution. <i>Macromolecular Chemistry and Physics</i> , 2003, 204, 1391-1397.	2.4	95
1194	Aqueous Micelles from Supramolecular Graft Copolymers. <i>Macromolecular Chemistry and Physics</i> , 2003, 204, 1524-1530.	2.4	53
1195	Water-Soluble Building Blocks for Terpyridine-Containing Supramolecular Polymers: Synthesis, Complexation, and pH Stability Studies of Poly(ethylene oxide) Moieties. <i>Macromolecular Chemistry and Physics</i> , 2003, 204, 1072-1078.	2.4	96
1196	Terpyridine-Functionalized TentaGel Microbeads: Synthesis, Metal Chelation and First Sequential Complexation. <i>Macromolecular Materials and Engineering</i> , 2003, 288, 852-860.	4.1	12
1197	Inkjet Printing of Polymer Micro-Arrays and Libraries: Instrumentation, Requirements, and Perspectives. <i>Macromolecular Rapid Communications</i> , 2003, 24, 659-666.	4.1	166
1198	Characterization of Defined Metal-Containing Supramolecular Block Copolymers. <i>Macromolecular Rapid Communications</i> , 2003, 24, 852-857.	4.1	76
1199	Automated Scanning Probe Microscopy as a New Tool for Combinatorial Polymer Research: Conductive Carbon Black/Poly(dimethylsiloxane) Composites. <i>Macromolecular Rapid Communications</i> , 2003, 24, 113-117.	4.1	25
1200	Application of a Parallel Synthetic Approach in Atom-Transfer Radical Polymerization: Set-Up and Feasibility Demonstration. <i>Macromolecular Rapid Communications</i> , 2003, 24, 81-86.	4.1	53
1201	Living Cationic Polymerizations Utilizing an Automated Synthesizer: High-Throughput Synthesis of Polyoxazolines. <i>Macromolecular Rapid Communications</i> , 2003, 24, 92-97.	4.1	73
1202	Combinatorial Methods, Automated Synthesis and High-Throughput Screening in Polymer Research: Past and Present. <i>Macromolecular Rapid Communications</i> , 2003, 24, 15-32.	4.1	200
1203	Automated Parallel Temperature Optimization and Determination of Activation Energy for the Living Cationic Polymerization of 2-Ethyl-2-oxazoline. <i>Macromolecular Rapid Communications</i> , 2003, 24, 98-103.	4.1	54
1204	Instrumentation for Combinatorial and High-Throughput Polymer Research: A Short Overview. <i>Macromolecular Rapid Communications</i> , 2003, 24, 33-46.	4.1	61
1205	Potentials and Limitations of Automated Parallel Emulsion Polymerization. <i>Macromolecular Rapid Communications</i> , 2003, 24, 320-324.	4.1	16
1206	Highly Ordered Self-Assembled Architectures of Modified Terpyridines on Highly Ordered Pyrolytic Graphite Imaged by Scanning Tunneling Microscopy. <i>Advanced Functional Materials</i> , 2003, 13, 277-280.	17.0	19

#	ARTICLE	IF	CITATIONS
1207	Analysis of Metallo-Supramolecular Systems Using Single-Molecule Force Spectroscopy. <i>Advanced Functional Materials</i> , 2003, 13, 615-620.	17.0	74
1208	Vom einfachen Komplex zum komplexen Gitter: Metallo-supramolekulare Chemie. <i>Chemie in Unserer Zeit</i> , 2003, 37, 180-187.	0.2	10
1209	From Supramolecular Block Copolymers to Advanced Nano-Objects. <i>Chemistry - A European Journal</i> , 2003, 9, 3472-3479.	3.4	104
1210	Synthesis and characterization of metallo-supramolecular micelles. <i>Polymer International</i> , 2003, 52, 1611-1618.	3.4	17
1211	Terpyridine-modified poly(vinyl chloride): Possibilities for supramolecular grafting and crosslinking. <i>Journal of Polymer Science Part A</i> , 2003, 41, 2964-2973.	2.3	31
1212	Metallo-supramolecular micelles: Studies by analytical ultracentrifugation and electron microscopy. <i>Journal of Polymer Science Part A</i> , 2003, 41, 3159-3168.	2.3	33
1213	New soluble functional polymers by free-radical copolymerization of methacrylates and bipyridine ruthenium complexes. <i>Journal of Polymer Science Part A</i> , 2003, 41, 3954-3964.	2.3	33
1214	Automated multiple-layer spotting for matrix-assisted laser desorption/ionization time-of-flight mass spectrometry of synthetic polymers utilizing ink-jet printing technology. <i>Rapid Communications in Mass Spectrometry</i> , 2003, 17, 2349-2353.	1.4	30
1215	Evaluation of a new multiple-layer spotting technique for matrix-assisted laser desorption/ionization time-of-flight mass spectrometry of synthetic polymers. <i>Rapid Communications in Mass Spectrometry</i> , 2003, 17, 713-716.	1.4	60
1216	Terpyridine-based silica supports prepared by ring-opening metathesis polymerization for the selective extraction of noble metals. <i>Journal of Chromatography A</i> , 2003, 1015, 65-71.	3.7	13
1217	Automated MALDI-TOF-MS Sample Preparation in Combinatorial Polymer Research. <i>ACS Combinatorial Science</i> , 2003, 5, 369-374.	4.6	42
1218	Engineering with metallo-supramolecular polymers: linear coordination polymers and networks. <i>Macromolecular Symposia</i> , 2003, 199, 483-498.	0.7	32
1219	Combining Covalent and Noncovalent Cross-Linking: A Novel Terpolymer for Two-Step Curing Applications. <i>Macromolecules</i> , 2003, 36, 3955-3959.	5.0	38
1220	Melt Morphology of Polystyrene- <i>b</i> -Poly(ethylene oxide) Metallo-Supramolecular Diblock Copolymer. <i>Macromolecules</i> , 2003, 36, 9281-9284.	5.0	44
1221	Soluble High-Molecular-Mass Poly(ethylene oxide)s via Self-Organization. <i>Macromolecules</i> , 2003, 36, 9943-9949.	5.0	129
1222	l-Lactide Polymerization Utilizing a Hydroxy-Functionalized 3,6-Bis(2-pyridyl)pyridazine as Supramolecular (Co)initiator: Construction of Polymeric [2 Å— 2] Grids. <i>Macromolecules</i> , 2003, 36, 4743-4749.	5.0	46
1223	Constructive Nanolithography and Nanochemistry: Local Probe Oxidation and Chemical Modification. <i>Langmuir</i> , 2003, 19, 9033-9038.	3.6	47
1224	Preservation of the cluster core upon formation of Ti3O(OPri)8(benzoate)2 from Ti3O(OR)10. <i>New Journal of Chemistry</i> , 2003, 27, 3-5.	2.4	30

#	ARTICLE	IF	CITATIONS
1225	Structural Characterization of the HIV-1 Vpr N Terminus. Journal of Biological Chemistry, 2003, 278, 43188-43201.	2.2	47
1226	Retroviruses Have Differing Requirements for Proteasome Function in the Budding Process. Journal of Virology, 2003, 77, 3384-3393.	3.6	67
1227	Cyclophilin A Interacts with HIV-1 Vpr and Is Required for Its Functional Expression. Journal of Biological Chemistry, 2003, 278, 43202-43213.	2.2	80
1228	Synthesis of 4-Functionalized 2,2':6'-Terpyridines via the Pyridone Route: Symmetric and Asymmetric Bis-Complex Formation. Synthesis, 2003, , 2865-2871.	2.3	0
1229	Synthesis and thermal properties of diblock copolymers utilizing non-covalent interactions. Macromolecular Symposia, 2003, 196, 125-135.	0.7	9
1230	Combination of supramolecular cross-linking with covalent cross-linking through epoxide ring-opening including gel studies. E-Polymers, 2003, 3, .	3.1	1
1231	Dynamic light scattering and cryogenic transmission electron microscopy investigations on metallo-supramolecular aqueous micelles: evidence of secondary aggregation. Colloid and Polymer Science, 2003, 282, 407-411.	2.1	39
1232	Equine Infectious Anemia Virus and the Ubiquitin-Proteasome System. Journal of Virology, 2002, 76, 3038-3044.	3.6	63
1233	Multi-functionalized 2,2':6'-Terpyridines. Synlett, 2002, 2002, 0751-0754.	1.4	25
1234	Access to supramolecular polymers: Large scale synthesis of 4-chloro-2,2':6'-terpyridine and an application to poly(propylene oxide) telechelics. Designed Monomers and Polymers, 2002, 5, 211-221.	2.1	60
1235	Terpyridines as supramolecular initiators for living polymerization methods. Macromolecular Symposia, 2002, 177, 87-96.	0.7	16
1236	Metallo-Supramolecular Block Copolymer Micelles. Macromolecules, 2002, 35, 4560-4563.	5.0	138
1237	Covalent vs Metallo-supramolecular Block Copolymer Micelles. Macromolecules, 2002, 35, 7427-7435.	5.0	112
1238	Stimuli-Responsive Aqueous Micelles from an ABC Metallo-Supramolecular Triblock Copolymer. Macromolecules, 2002, 35, 9748-9755.	5.0	150
1239	Exchange interaction and Jahn-Teller correlations in novel tetranuclear supramolecular Cu(II) grid complexes: an ESR study. Molecular Physics, 2002, 100, 1957-1968.	2.2	9
1240	Part 2: Inorganic-Organic Hybrid Polymers by Polymerization of Methacrylate-Substituted Oxotitanium Clusters with Methyl Methacrylate: Thermomechanical and Morphological Properties. Chemistry of Materials, 2002, 14, 4522-4529.	6.7	41
1241	Layer-by-layer self-assembly of supramolecular and biomolecular films. Reviews in Molecular Biotechnology, 2002, 90, 55-70.	3.9	31
1242	Supramolecular poly(L-lactide)s containing terpyridine metal complexes. E-Polymers, 2002, 2, .	3.1	1

#	ARTICLE	IF	CITATIONS
1243	Metallo-supramolecular oligo(p-phenylene vinylene)/[60]fullerene architectures: towards functional materials. <i>Thin Solid Films</i> , 2002, 403-404, 97-101.	1.9	15
1244	Makromoleküle mit Bipyridin- und Terpyridinkomplexen als Verknüpfungsstellen: erste Schritte auf dem Weg zu metallo-supramolekularen Polymeren. <i>Angewandte Chemie</i> , 2002, 114, 3016.	1.4	123
1245	Supramolekulares Engineering mit Makromolekülen: ein alternatives Konzept zur Herstellung von Blockcopolymeren. <i>Angewandte Chemie</i> , 2002, 114, 3980-3984.	1.4	46
1246	Macromolecules Containing Bipyridine and Terpyridine Metal Complexes: Towards Metallo-supramolecular Polymers. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 2892.	14.4	681
1247	Supramolecular Engineering with Macromolecules: An Alternative Concept for Block Copolymers. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 3825-3829.	14.4	236
1248	Polystyrene with Pendant Mixed Functional Ruthenium(II)-Terpyridine Complexes. <i>Macromolecular Rapid Communications</i> , 2002, 23, 411.	4.1	53
1249	Reversible Metallo-Supramolecular Block Copolymer Micelles Containing a Soft Core. <i>Macromolecular Rapid Communications</i> , 2002, 23, 555.	4.1	111
1250	Metallo-Supramolecular Graft Copolymers: A Novel Approach Toward Polymer-Analogous Reactions. <i>Macromolecular Rapid Communications</i> , 2002, 23, 561.	4.1	108
1251	Metallo-Supramolecular Diethylene Glycol: Water-Soluble Reversible Polymers. <i>Macromolecular Rapid Communications</i> , 2002, 23, 957-961.	4.1	110
1252	HIV-1 Vpr Displays Natural Protein-Transducing Properties: Implications for Viral Pathogenesis. <i>Virology</i> , 2002, 302, 95-105.	2.3	83
1253	Polymers Reinforced by Covalently Bonded Inorganic Clusters. <i>Chemistry of Materials</i> , 2001, 13, 3487-3494.	6.7	216
1254	2,2':6',2''-Terpyridine metal complexes as building blocks for extended functional metallo-supramolecular assemblies and polymers. <i>Synthetic Metals</i> , 2001, 121, 1249-1252.	4.5	91
1255	Polymer-supported polymerization catalysts via romp. <i>Macromolecular Symposia</i> , 2001, 164, 187-196.	0.7	23
1256	Functionalized oligomers and copolymers with metal complexing segments: a simple and high yield entry towards 2,2':6',2''-terpyridine monofunctionalized telechelics. <i>Macromolecular Symposia</i> , 2001, 163, 177-188.	0.7	40
1257	A New Type of Methacrylate-Substituted Oxozirconium Clusters: [Zr <sub>3</sub> O(O <sup>R</sup> ) <sub>5</sub> (O <sup>Mc</sup> ) <sub>5</sub> ] <sub>2</sub> and [Zr <sub>3</sub> O(O <sup>Tj</sup> ) <sub>5</sub> (O <sup>ETQq1</sup> ) <sub>5</sub> ] <sub>2</sub> . <i>Journal of Organometallic Chemistry</i> , 2001, 636, 172-174.	1.6	24
1258	Degradation of a methacrylate-substituted oxozirconium cluster by acetylacetone. <i>Journal of Organometallic Chemistry</i> , 2001, 636, 172-174.	2.1	16
1259	4'-Functionalized 2,2':6',2''-terpyridines as building blocks for supramolecular chemistry and nanoscience. <i>Tetrahedron Letters</i> , 2001, 42, 4705-4707.	1.4	122
1260	Metallo-Supramolecular Initiators for the Preparation of Novel Functional Architectures. <i>Chemistry - A European Journal</i> , 2001, 7, 5252-5259.	3.4	69

#	ARTICLE	IF	CITATIONS
1261	Biodegradable Polymers with Specific Metal Binding Sites Based on Bipyridine-Containing Poly(lactid) Tj ETQq1 1 0.784314 rgBT /Ove Communications, 2001, 22, 274-280.	4.1	15
1262	Optically Active Supramolecular Poly(L-lactide)s End-Capped with Terpyridine. Macromolecular Rapid Communications, 2001, 22, 1358-1363.	4.1	81
1263	Access to Heterogeneous Atom-Transfer Radical Polymerization (ATRP) Catalysts Based on Dipyridylamine and Terpyridine via Ring-Opening Metathesis Polymerization (ROMP). Macromolecular Chemistry and Physics, 2001, 202, 645-653.	2.4	53
1264	A novel influenza A virus mitochondrial protein that induces cell death. Nature Medicine, 2001, 7, 1306-1312.	33.0	948
1265	POLYMERS WITH METAL BINDING UNITS: BIPYRIDINE AND TERPYRIDINE CONTAINING POLYOXAZOLINES. Journal of Macromolecular Science - Pure and Applied Chemistry, 2000, 37, 645-658.	2.4	17
1266	Functionalized polymers with metal complexing segments: a simple and high-yield entry towards 2,2â€²:6â€²,2â€³-terpyridine-based oligomers. Macromolecular Rapid Communications, 2000, 21, 1156-1161.	4.1	85
1267	Ubiquitination of HIV-1 and MuLV Gag. Virology, 2000, 278, 111-121.	2.3	137
1268	Human Immunodeficiency Virus Type 1 Vpr Protein Is Incorporated into the Virion in Significantly Smaller Amounts than Gag and Is Phosphorylated in Infected Cells. Journal of Virology, 2000, 74, 9727-9731.	3.6	98
1269	Proteasome inhibition interferes with Gag polyprotein processing, release, and maturation of HIV-1 and HIV-2. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 13057-13062.	7.5	317
1270	Functional and Structural Characterization of Synthetic HIV-1 Vpr That Transduces Cells, Localizes to the Nucleus, and Induces G2 Cell Cycle Arrest. Journal of Biological Chemistry, 2000, 275, 32016-32026.	2.2	103
1271	Poly(2-oxazoline) block copolymers containing supramolecular segments. Designed Monomers and Polymers, 2000, 3, 245-253.	2.1	7
1272	Membrane interactions and alignment of structures within the HIV-1 Vpu cytoplasmic domain: effect of phosphorylation of serines 52 and 56. FEBS Letters, 2000, 482, 220-224.	2.7	46
1273	Stille-Type Cross-Coupling An Efficient Way to Various Symmetrically and Unsymmetrically Substituted Methyl-Bipyridines:â€” Toward New ATRP Catalysts. Organic Letters, 2000, 2, 3373-3376.	4.8	87
1274	Regulation of Virus Release by the Macrophage-Tropic Human Immunodeficiency Virus Type 1 AD8 Isolate Is Redundant and Can Be Controlled by either Vpu or Env. Journal of Virology, 1999, 73, 887-896.	3.6	77
1275	High Yield Synthesis of 5,5â€²-Dimethyl-2,2â€²-bipyridine and 5,5â€³-Dimethyl-2,2â€²:6â€²,2â€³-terpyridine and Some Bisfunctionalization Reactions Using N-Bromosuccinimide. Synthesis, 1999, 1999, 779-782.	2.3	54
1276	Synthesis of doubly functionalized bis-tridentate ligands as building blocks for extended metallo-supramolecular assemblies and polymers. Designed Monomers and Polymers, 1999, 2, 1-17.	2.1	12
1277	Self-assembled thin films of organo-metal complexes. Thin Solid Films, 1999, 354, 208-214.	1.9	17
1278	STM studies on monolayers of [Co(L)4]A8 metallogrids on graphite. Applied Surface Science, 1999, 144-145, 456-460.	6.7	15

#	ARTICLE	IF	CITATIONS
1279	Title is missing!. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 1999, 35, 23-34.	1.3	13
1280	Title is missing!. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 1999, 35, 101-109.	1.3	13
1281	Title is missing!. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 1999, 35, 35-43.	1.3	15
1282	Controlled polymerization of methylmethacrylate and ethylacrylate using tris(4,4'-dimethyl-2,2'-bipyridine) copper(II) hexafluorophosphate complexes and aluminium isopropoxide. Polymer Bulletin, 1999, 43, 319-326.	3.1	14
1283	Design of effective systems for controlled radical polymerization of styrene: Application of 4,4'-dimethyl and 5,5'-dimethyl 2,2'-bipyridine copper(II) complexes. Macromolecular Rapid Communications, 1999, 20, 351-355.	4.1	17
1284	New Synthetic Strategy toward Pyridine-Based Ligands for Supramolecular Chemistry Utilizing 2,6-Bis(trimethyltin)pyridine as the Central Building Block. Organic Letters, 1999, 1, 1027-1029.	4.8	60
1285	Solution Structure and Orientation of the Transmembrane Anchor Domain of the HIV-1-Encoded Virus Protein U by High-Resolution and Solid-State NMR Spectroscopy. Biochemistry, 1999, 38, 5272-5282.	2.4	74
1286	Design of supramolecular metal complexing polymers: synthesis, complexation, and polymerization of 5,5''-bisfunctionalized terpyridine building blocks. Designed Monomers and Polymers, 1999, 2, 185-198.	2.1	10
1287	Metallo-Supramolecular Fullerene Architectures: Synthesis and Characterization of Bucky Ligands and a Non-Covalent Dimer. Chemistry Letters, 1999, 28, 949-950.	1.1	6
1288	6,6'-Bisfunctionalized 2,2'-bipyridines as metallo-supramolecular initiators for the living polymerization of oxazolines. Macromolecular Rapid Communications, 1998, 19, 309-313.	4.1	32
1289	Supramolecular structures of macromolecules containing bipyridine-copper(I) complexes as revealed from transmission electron microscopy studies. Colloid and Polymer Science, 1998, 276, 780-785.	2.1	6
1290	Directed synthesis of monofunctionalized 5,5'-disubstituted 2,2'-bipyridines and their first application as metallo-supramolecular initiators. Tetrahedron Letters, 1998, 39, 8643-8644.	1.4	34
1291	Monolayer of metallo-supramolecular complexes. Chemical Communications, 1998, , 2731-2732.	3.4	23
1292	Solution Structure of the Cytoplasmic Domain of the Human CD4 Glycoprotein by CD and <sup>1</sup> H NMR Spectroscopy: Implications for Biological Functions. Biochemistry, 1998, 37, 8527-8538.	2.4	31
1293	Magnetism of self-assembled mono- and tetranuclear supramolecular Ni <sup>2+</sup> -complexes. Physical Review B, 1998, 58, 3277-3285.	3.4	71
1294	CD4 Glycoprotein Degradation Induced by Human Immunodeficiency Virus Type 1 Vpu Protein Requires the Function of Proteasomes and the Ubiquitin-Conjugating Pathway. Journal of Virology, 1998, 72, 2280-2288.	3.6	235
1295	Bipyridine Building Blocks for Self-Organization Systems: First Complete NMR-spectroscopic Investigation of 6,6'-Disubstituted 2,2'-Bipyridines Obtained via N-Oxidation Route and Related Reactions. Heterocycles, 1998, 48, 2141.	0.4	9
1296	Intramolecular Antiferromagnetic Coupling in Supramolecular Grid Structures with Co <sup>2+</sup> -Metal Centers. Physical Review Letters, 1997, 78, 3390-3393.	8.2	132

#	ARTICLE	IF	CITATIONS
1297	The Human Immunodeficiency Virus Type 1 (HIV-1) Vpu Protein Interferes with an Early Step in the Biosynthesis of Major Histocompatibility Complex (MHC) Class I Molecules. <i>Journal of Experimental Medicine</i> , 1997, 185, 1295-1306.	9.2	189
1298	Structural and Electronic Properties of Self-Assembled Supramolecular Grid Structures: Doping of Supramolecular Thin Films. <i>Materials Research Society Symposia Proceedings</i> , 1997, 488, .	0.1	5
1299	Magnetic Supramolecular Grid Structures: Intramolecular Coupling of Four Separate Spins. <i>Materials Research Society Symposia Proceedings</i> , 1997, 488, .	0.1	1
1300	Synthesis, structure, and properties of oligo-tridentate ligands; covalently assembled precursors of coordination arrays. <i>Canadian Journal of Chemistry</i> , 1997, 75, 169-182.	1.7	120
1301	Morphological studies of Cu(I)-complexed bipyridine-containing block copolymers by combined transmission electron microscopy techniques. <i>Journal of Microscopy</i> , 1997, 186, 67-74.	1.7	2
1302	Coordination Arrays: Tetranuclear Cobalt(II) Complexes with [2 $\times$ 2]-Grid Structure. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 1842-1844.	4.7	202
1303	Koordinationsarchitekturen: Vierkern-Cobalt(II)-Komplexe mit [2 $\times$ 2]-Gitterstruktur. <i>Angewandte Chemie</i> , 1997, 109, 1929-1931.	1.4	74
1304	Oxozirconium Methacrylate Clusters: Zr <sub>6</sub> (OH) <sub>4</sub> O <sub>4</sub> (OMc) <sub>12</sub> and Zr <sub>4</sub> O <sub>2</sub> (OMc) <sub>12</sub> (OMc =) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462</i>	0.0	202
1305	Identification of an ion channel activity of the Vpu transmembrane domain and its involvement in the regulation of virus release from HIV-1-infected cells. <i>FEBS Letters</i> , 1996, 398, 12-18.	2.7	271
1306	Solution structure of the cytoplasmic domain of the human immunodeficiency virus type 1 encoded virus protein U (Vpu). <i>International Journal of Peptide and Protein Research</i> , 1996, 47, 297-310.	0.1	64
1307	Macromolecules with specific constitution and supramolecular structures. <i>Macromolecular Symposia</i> , 1995, 98, 565-572.	0.7	9
1308	Block copolymers with bipyridine containing segments: Synthesis and self-organization by Cu(I) complexation. <i>Macromolecular Chemistry and Physics</i> , 1995, 196, 1077-1091.	2.4	25
1309	Synthesis of metal-complexing lattices via polymerization in microemulsion. <i>Macromolecular Rapid Communications</i> , 1995, 16, 283-289.	4.1	28
1310	A general synthetic strategy for functionalized oligo(bipyridines): new building blocks for supramolecular chemistry and their first application in macromolecules. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 69.	1.9	21
1311	Solution structure of the hydrophilic region of HIV-1 encoded virus protein U (Vpu) by CD and IH NMR spectroscopy. <i>International Journal of Peptide and Protein Research</i> , 1995, 45, 35-43.	0.1	69
1312	Synthesis and chain extension of bipyridine-terminated polyethers with copper(I) ions. <i>Macromolecules</i> , 1993, 26, 7372-7374.	5.0	76
1313	Human-immundeficiency-virus-type-1-encoded Vpu protein is phosphorylated by casein kinase II. <i>FEBS Journal</i> , 1992, 204, 875-883.	0.2	118
1314	Poly(2-oxazoline) Homopolymers and Diblock Copolymers Containing Retinoate End Groups. <i>ACS Applied Polymer Materials</i> , 0, 4, 3417-3425.	4.6	4

#	ARTICLE	IF	CITATIONS
1315	Two-Dimensional Photosensitizer Nanosheets via Low-Energy Electron Beam Induced Cross-Linking of Self-Assembled Rull Polypyridine Monolayers. <i>Angewandte Chemie</i> , 0, 134, .	1.4	3
1316	Nanoparticle Formulation Composition Analysis by Liquid Chromatography on Reversed-Phase Monolithic Silica. <i>Analytical Chemistry</i> , 0, , .	6.5	3
1317	Polymeric Layer-Mediated Redox Sensing System Containing Covalently Attached CdSe/ZnS Quantum Dots on Au Films. <i>ACS Applied Nano Materials</i> , 0, 6, 12695-12703.	5.3	0
1318	Intramolecular Energy Transfer Competing with Light-Driven Intermolecular Proton Transfer in an Iron(II)-NHC Complex? A Query into the Role of Photobasic Ligands and MLCT States. <i>ACS Omega</i> , 0, , .	4.3	1
1319	Radical Polymer-Based Positive Electrodes for Dual-Ion Batteries: Enhancing Performance with $\beta$ -Butyrolactone-Based Electrolytes. <i>ChemSusChem</i> , 0, 17, .	6.2	2
1320	Polyesteracetals via TBD Catalyzed Ring-Opening Polymerization. <i>Macromolecular Rapid Communications</i> , 0, 46, .	4.1	0
1321	3D-printed microfluidic dialysis apparatus for efficient polymer purification. <i>Polymer Chemistry</i> , 0, 16, 4171-4179.	3.9	0
1322	Novel dopamine-containing gel polymer electrolytes for Li-organic batteries. <i>Journal of Power Sources Advances</i> , 0, 35, 100186.	4.4	1
1323	Enhanced Efficiency of the Microsomal Prostaglandin E <sub>2</sub> Synthase-1 Inhibitor AGU661 in Human Whole Blood by Encapsulation into PLGA-Based Nanoparticles. <i>Molecular Pharmaceutics</i> , 0, 22, 6803-6815.	4.2	0
1324	Unveiling the knowledge of a RAFT polymerization database obtained from an automated parallel synthesizer. <i>Digital Discovery</i> , 0, 4, 3292-3303.	4.5	0
1325	Matching drug and polymer for efficient delivery of anti-inflammatory drugs: PLGA, polyesteramides, and acetalated dextran. <i>Journal of Materials Chemistry B</i> , 0, 13, 15516-15529.	5.5	0
1326	UV-polymerized composite ionogels for Li-organic batteries. <i>Electrochimica Acta</i> , 0, 543, 147540.	5.3	0
1327	Fluorine-Free Ion Exchange Membranes for (Photo)electrochemical Applications. <i>ACS Polymers Au</i> , 0, 5, 756-780.	5.9	0
1328	High-Performance Phthalonitrile Resins Partially Derived from a Furan Bio-Based Chemical Platform. <i>ChemSusChem</i> , 0, 18, .	6.2	0
1329	Evaluating the Antiviral Efficacy of Encapsulated PKC Inhibitor BIM against influenza A Virus Infection. <i>Advanced Healthcare Materials</i> , 0, , .	8.8	0
1330	Stepwise synthesis of symmetric and asymmetric Anderson-polyoxometalates for light-driven hydrogen evolution. <i>Inorganic Chemistry Frontiers</i> , 0, , .	6.3	0
1331	Structure-Aware Machine Learning for Polymers: A Hierarchical Graph Network for Predicting Properties From Statistical Ensembles. <i>Macromolecular Rapid Communications</i> , 0, , .	4.1	0
1332	Bio-Orthogonally Crosslinked Supramolecular Polymer Bottlebrush Hydrogels for Long-Term 3D Cell Culture. <i>Advanced Functional Materials</i> , 0, , .	17.0	0

#	ARTICLE	IF	CITATIONS
1333	Locally Resolved Thermally Induced Degradation of PM6:Y6-Based Organic Solar Cells. ACS Applied Energy Materials, 0, 9, 1669-1679.	5.4	0