Craig Hawker

List of Articles by Year in descending order

Source: //exaly.com/author-pdf/2371479/publications.pdf

Version: 2025-02-01

559 peer-reviewed articles	59,867 peer-reviewed citations	518 123 peer-reviewed h-index	98771 6.17 score
609 documents	73467 doc citations	502 135 h-index	54867 citing authors

#	Article	IF	Citations
1	Telechelic Dithiol Copolymers as Tunable Building Blocks for Synthesizing Multiblock Materials. Journal of Polymer Science, 2025, 63, 759-765.	2.6	6
2	Enhanced Degradation of Vinyl Copolymers Based on Lipoic Acid. Journal of Polymer Science, 2025, 63, 1345-1351.	2.6	34
3	Universal Phase Identification of Block Copolymers From Physics-Informed Machine Learning. Journal of Polymer Science, 2025, 63, 1433-1440.	2.6	12
4	Dual-Wavelength Simultaneous Patterning of Degradable Thermoset Supports for One-Pot Embedded 3D Printing. ACS Central Science, 2025, 11, 967-974.	7.4	6
5	Electrostatic Compatibilization of Amorphous and Semicrystalline Immiscible Polymer Blends. ACS Macro Letters, 2025, 14, 969-975.	3.2	4
6	Compatibilization of Immiscible Polymer Blends through Pendant Ionic Interactions. Macromolecules, 2025, 58, 7425-7433.	3.7	6
7	High-Throughput Generation of Block Copolymer Libraries via Click Chemistry and Automated Chromatography. Macromolecules, 2025, 58, 8369-8376.	3.7	9
8	Self-Assembled Ion Transport Channels in Block Copolymer Electrolytes for Dendrite-Free All-Solid-State Sodium Batteries. Journal of the American Chemical Society, 2025, 147, 28464-28473.	11.7	15
9	Versatile synthesis of siloxane-based graft copolymers with tunable grafting density. Journal of Polymer Science, 2024, 62, 92-101.	2.6	3
10	Accelerated discovery and mapping of block copolymer phase diagrams. Physical Review Materials, 2024, 8, .	1.8	12
11	High-Throughput Synthesis, Purification, and Application of Alkyne-Functionalized Discrete Oligomers. Journal of the American Chemical Society, 2024, 146, 8650-8658.	11.7	19
12	Crystallization-Induced Flower-like Superstructures via Peptoid Helix Assembly. ACS Macro Letters, 2024, 13, 423-428.	3.2	4
13	Chromatographic Separation: A Versatile Strategy to Prepare Discrete and Well-Defined Polymer Libraries. Accounts of Chemical Research, 2024, 57, 1202-1213.	11.6	29
14	Synthesis and Reactivity of Diazirine-Containing Polymers via Controlled Radical Polymerization. Macromolecules, 2024, 57, 4536-4543.	3.7	16
15	From health supplement to versatile monomer: Radical ring-opening polymerization and depolymerization of α-lipoic acid. Polymer, 2024, 304, 127167.	3.4	53
16	Facile Preparation of Tunable Polyborosiloxane Networks via Hydrosilylation. Chemistry of Materials, 2024, 36, 5935-5942.	4.6	24
17	Accelerated Prediction of Phase Behavior for Block Copolymer Libraries Using a Molecularly Informed Field Theory. Journal of the American Chemical Society, 2024, 146, 29751-29758.	11.7	13
18	Sustainable and Recyclable Acrylate Resins for Liquid-Crystal Display 3D Printing Based on Lipoic Acid. ACS Macro Letters, 2024, 13, 1495-1502.	3.2	42

#	Article	IF	Citations
19	Scalable Synthesis of Degradable Copolymers Containing α-Lipoic Acid via Miniemulsion Polymerization. Journal of the American Chemical Society, 2024, 146, 30662-30667.	11.7	58
20	Efficient Cross-Linking through C–H Bond Insertion of Unfunctionalized Commodity Materials Using Diazirine-Containing Polymers. ACS Macro Letters, 2024, 13, 1598-1604.	3.2	8
21	Carbosiloxane Bottlebrush Networks for Enhanced Performance and Recyclability. Macromolecules, 2024, 57, 10522-10529.	3.7	9
22	Discrete Side Chains for Direct Tuning Properties of Grafted Polymers. Macromolecules, 2024, 57, 11753-11762.	3.7	9
23	3D Printing of Functional Hydrogel Devices for Screenings of Membrane Permeability and Selectivity. ACS Applied Polymer Materials, 2024, 6, 14629-14637.	3.5	4
24	Bioinspired Metal–Ligand Networks with Enhanced Stability and Performance: Facile Preparation of Hydroxypyridinone (HOPO)-Functionalized Materials. Macromolecules, 2024, 57, 11339-11349.	3.7	5
25	Tailored Polypeptide Star Copolymers for 3D Printing of Bacterial Composites Via Direct Ink Writing. Advanced Materials, 2023, 35, .	17.5	31
26	3D-printed polymer foams maintain stiffness and energy dissipation under repeated loading. Composites Communications, 2023, 37, 101453.	6.0	18
27	Modular Synthesis and Patterning of High-Stiffness Networks by Postpolymerization Functionalization with Iron–Catechol Complexes. Macromolecules, 2023, 56, 2268-2276.	3.7	16
28	Building Tunable Degradation into High-Performance Poly(acrylate) Pressure-Sensitive Adhesives. ACS Macro Letters, 2023, 12, 787-793.	3.2	118
29	Probing Water and Ion Diffusion in Functional Hydrogel Membranes by PFG-NMR. Macromolecules, 2023, 56, 4669-4680.	3.7	23
30	Tailoring Writability and Performance of Star Block Copolypeptides Hydrogels through Side-Chain Design. Small, 2023, 19, .	7.3	11
31	Improved Elastic Recovery from ABC Triblock Terpolymers. ACS Polymers Au, 2023, 3, 376-382.	4.1	15
32	Competition between β-Sheet and Coacervate Domains Yields Diverse Morphologies in Mixtures of Oppositely Charged Homochiral Polypeptides. Biomacromolecules, 2023, 24, 3580-3588.	3.8	11
33	Design of Statistical Copolypeptides as Multipurpose Hydrogel Resins in 3D Printing. Advanced Functional Materials, 2023, 33, .	11.9	20
34	Exploiting NIR Light-Mediated Surface-Initiated PhotoRAFT Polymerization for Orthogonal Control Polymer Brushes and Facile Postmodification of Complex Architecture through Opaque Barriers. Macromolecules, 2023, 56, 7898-7908.	3.7	15
35	Controlled-Radical Polymerization of α-Lipoic Acid: A General Route to Degradable Vinyl Copolymers. Journal of the American Chemical Society, 2023, 145, 22728-22734.	11.7	163
36	Heterotelechelic Silicones: Facile Synthesis and Functionalization Using Silane-Based Initiators. Macromolecules, 2023, 56, 8806-8812.	3.7	8

#	Article	IF	Citations
37	Fluorination in advanced battery design. Nature Reviews Materials, 2023, 9, 119-133.	56.8	323
38	Multi Electron Spin Cluster Enabled Dynamic Nuclear Polarization with Sulfonated BDPA. Journal of Physical Chemistry Letters, 2023, 14, 11640-11650.	2.9	11
39	Biological Utility of Fluorinated Compounds: from Materials Design to Molecular Imaging, Therapeutics and Environmental Remediation. Chemical Reviews, 2022, 122, 167-208.	42.5	470
40	Carbon Nanotube Composites with Bottlebrush Elastomers for Compliant Electrodes. ACS Polymers Au, 2022, 2, 27-34.	4.1	19
41	Peptides as 3D printable feedstocks: Design strategies and emerging applications. Progress in Polymer Science, 2022, 124, 101487.	20.3	28
42	Design of Polymeric Zwitterionic Solid Electrolytes with Superionic Lithium Transport. ACS Central Science, 2022, 8, 169-175.	7.4	146
43	Digital Light Processing of Dynamic Bottlebrush Materials. Advanced Functional Materials, 2022, 32, .	11.9	76
44	Rational mechanochemical design of Diels–Alder crosslinked biocompatible hydrogels with enhanced properties. Materials Horizons, 2022, 9, 1947-1953.	8.5	29
45	A multi-stage single photochrome system for controlled photoswitching responses. Nature Chemistry, 2022, 14, 942-948.	15.5	60
46	Ultra-stable all-solid-state sodium metal batteries enabled by perfluoropolyether-based electrolytes. Nature Materials, 2022, 21, 1057-1065.	23.7	357
47	Simulation-guided analysis of resonant soft X-ray scattering for determining the microstructure of triblock copolymers. Molecular Systems Design and Engineering, 2022, 7, 1449-1458.	2.2	5
48	Efficient Creation and Morphological Analysis of ABC Triblock Terpolymer Libraries. Macromolecules, 2022, 55, 8875-8882.	3.7	20
49	Neighboring Group Participation in Ionic Covalent Adaptable Networks. Macromolecules, 2022, 55, 9780-9789.	3.7	20
50	Discrete Libraries of Amphiphilic Poly(ethylene glycol) Graft Copolymers: Synthesis, Assembly, and Bioactivity. Journal of the American Chemical Society, 2022, 144, 19466-19474.	11.7	53
51	The role of anions in light-driven conductivity in diarylethene-containing polymeric ionic liquids. Polymer Chemistry, 2021, 12, 719-724.	2.7	10
52	Versatile Synthetic Platform for Polymer Membrane Libraries Using Functional Networks. Macromolecules, 2021, 54, 866-873.	3.7	26
53	Light-Switchable and Self-Healable Polymer Electrolytes Based on Dynamic Diarylethene and Metal-Ion Coordination. Journal of the American Chemical Society, 2021, 143, 1562-1569.	11.7	53
54	Properties and applications of precision oligomer materials; where organic and polymer chemistry join forces. Journal of Polymer Science, 2021, 59, 373-403.	2.6	122

#	Article	IF	Citations
55	CC Chemokine Receptor 5 Targeted Nanoparticles Imaging the Progression and Regression of Atherosclerosis Using Positron Emission Tomography/Computed Tomography. Molecular Pharmaceutics, 2021, 18, 1386-1396.	3.2	32
56	Divergent Synthesis of Graft and Branched Copolymers through Spatially Controlled Photopolymerization in Flow Reactors. Macromolecules, 2021, 54, 3430-3446.	3.7	52
57	Tough Multimaterial Interfaces through Wavelength-Selective 3D Printing. ACS Applied Materials & Interfaces, 2021, 13, 22065-22072.	5.5	57
58	Click chemistry strategies for the accelerated synthesis of functional macromolecules. Journal of Polymer Science, 2021, 59, 963-1042.	2.6	264
59	Role of Architecture on Thermorheological Properties of Poly(alkyl methacrylate)-Based Polymers. Macromolecules, 2021, 54, 5473-5483.	3.7	14
60	Chemical and Mechanical Tunability of 3D-Printed Dynamic Covalent Networks Based on Boronate Esters. ACS Macro Letters, 2021, 10, 857-863.	3.2	91
61	Light-Mediated Synthesis and Reprocessing of Dynamic Bottlebrush Elastomers under Ambient Conditions. Journal of the American Chemical Society, 2021, 143, 9866-9871.	11.7	179
62	Non-intuitive Trends in Flory–Huggins Interaction Parameters in Polyether-Based Polymers. Macromolecules, 2021, 54, 6670-6677.	3.7	21
63	Silicone-based polymer blends: Enhancing properties through compatibilization. Journal of Polymer Science, 2021, 59, 2114-2128.	2.6	45
64	Emergence of Hexagonally Close-Packed Spheres in Linear Block Copolymer Melts. Journal of the American Chemical Society, 2021, 143, 14106-14114.	11.7	52
65	Three-Dimensional Photochemical Printing of Thermally Activated Polymer Foams. ACS Applied Polymer Materials, 2021, 3, 4984-4991.	3.5	28
66	Surface-initiated PET-RAFT polymerization under metal-free and ambient conditions using enzyme degassing. Journal of Polymer Science, 2020, 58, 70-76.	2.6	55
67	Light-Controllable Ionic Conductivity in a Polymeric Ionic Liquid. Angewandte Chemie, 2020, 132, 5161-5166.	0.9	5
68	Light-Controllable Ionic Conductivity in a Polymeric Ionic Liquid. Angewandte Chemie - International Edition, 2020, 59, 5123-5128.	11.6	63
69	Elucidating the effect of sequence and degree of polymerization on antimicrobial properties for block copolymers. Polymer Chemistry, 2020, 11, 84-90.	2.7	35
70	Polymer Stereocomplexation as a Scalable Platform for Nanoparticle Assembly. Journal of the American Chemical Society, 2020, 142, 1667-1672.	11.7	36
71	Single-Step, Spin-on Process for High Fidelity and Selective Deposition. ACS Applied Polymer Materials, 2020, 2, 481-486.	3.5	8
72	Designing with Light: Advanced 2D, 3D, and 4D Materials. Advanced Materials, 2020, 32, .	17.5	185

#	Article	IF	Citations
73	Reversible-deactivation radical polymerization (Controlled/living radical polymerization): From discovery to materials design and applications. Progress in Polymer Science, 2020, 111, 101311.	20.3	965
74	Architecture Effects in Complex Spherical Assemblies of (AB)n-Type Block Copolymers. ACS Macro Letters, 2020, 9, 1745-1752.	3.2	45
75	Norbornadiene Chain-End Functional Polymers as Stable, Readily Available Precursors to Cyclopentadiene Derivatives. Macromolecules, 2020, 53, 4917-4924.	3.7	23
76	Investigating Temporal Control in Photoinduced Atom Transfer Radical Polymerization. Macromolecules, 2020, 53, 5280-5288.	3.7	72
77	Role of Side-Chain Architecture in Poly(ethylene oxide)-Based Copolymers. Macromolecules, 2020, 53, 4960-4967.	3.7	30
78	Multi-responsive hydrogel structures from patterned droplet networks. Nature Chemistry, 2020, 12, 363-371.	15.5	245
79	Efficient synthesis of branched poly(acrylic acid) derivatives via postpolymerization modification. Journal of Polymer Science, 2020, 58, 1989-1997.	2.6	9
80	Synthesis and Self-Assembly of ABn Miktoarm Star Polymers. ACS Macro Letters, 2020, 9, 396-403.	3.2	118
81	High-Throughput Process for the Discovery of Antimicrobial Polymers and Their Upscaled Production via Flow Polymerization. Macromolecules, 2020, 53, 631-639.	3.7	85
82	Chain-Length-Dependent Self-Assembly Behaviors of Discrete Conjugated Oligo(3-hexylthiophene). Chemistry of Materials, 2020, 32, 3597-3607.	4.6	43
83	Engineering crack tortuosity in printed polymer–polymer composites through ordered pores. Materials Horizons, 2020, 7, 1854-1860.	8.5	13
84	Norbornadienes: Robust and Scalable Building Blocks for Cascade “Click” Coupling of High Molecular Weight Polymers. Journal of the American Chemical Society, 2019, 141, 13619-13624.	11.7	47
85	Click-Particle Display for Base-Modified Aptamer Discovery. ACS Chemical Biology, 2019, 14, 2652-2662.	2.5	56
86	Metal-Free Room-Temperature Vulcanization of Silicones via Borane Hydrosilylation. Macromolecules, 2019, 52, 7244-7250.	3.7	19
87	DNA-Inspired Strand-Exchange for Switchable PMMA-Based Supramolecular Morphologies. Journal of the American Chemical Society, 2019, 141, 2630-2635.	11.7	25
88	Stable Activated Furan and Donor–Acceptor Stenhouse Adduct Polymer Conjugates as Chemical and Thermal Sensors. Macromolecules, 2019, 52, 4370-4375.	3.7	55
89	Stability of the A15 phase in diblock copolymer melts. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 13194-13199.	5.2	190
90	Rapid and Selective Deposition of Patterned Thin Films on Heterogeneous Substrates via Spin Coating. ACS Applied Materials & Interfaces, 2019, 11, 21177-21183.	5.5	43

#	Article	IF	Citations
91	Low-Temperature, Rapid Copolymerization of Acrylic Acid and Sodium Acrylate in Water. Journal of Polymer Science Part A, 2019, 57, 1414-1419.	2.3	6
92	Aqueous reverse iodine transfer polymerization of acrylic acid. Journal of Polymer Science Part A, 2019, 57, 1877-1881.	2.3	5
93	Effect of Alkyl Side Chains on Intercrystallite Ordering in Semiconducting Polymers. Macromolecules, 2019, 52, 2853-2862.	3.7	20
94	Assessment of Targeted Nanoparticle Assemblies for Atherosclerosis Imaging with Positron Emission Tomography and Potential for Clinical Translation. ACS Applied Materials & Interfaces, 2019, 11, 15316-15321.	5.5	24
95	Metal-Free Synthesis of Poly(silyl ether)s under Ambient Conditions. Macromolecules, 2019, 52, 1993-1999.	3.7	35
96	Tuning Merocyanine Photoacid Structure to Enhance Solubility and Temporal Control: Application in Ring Opening Polymerization. ChemPhotoChem, 2019, 3, 467-472.	1.9	42
97	Triple Function Lubricant Additives Based on Organic–Inorganic Hybrid Star Polymers: Friction Reduction, Wear Protection, and Viscosity Modification. ACS Applied Materials & Interfaces, 2019, 11, 1363-1375.	5.5	48
98	Minimizing Star–Star Coupling in Cu(0)-Mediated Controlled Radical Polymerizations. Macromolecules, 2019, 52, 601-609.	3.7	14
99	What happens in the dark? Assessing the temporal control of photo-mediated controlled radical polymerizations. Journal of Polymer Science Part A, 2019, 57, 268-273.	2.3	100
100	Scalable synthesis of an architectural library of well-defined poly(acrylic acid) derivatives: Role of structure on dispersant performance. Journal of Polymer Science Part A, 2019, 57, 716-725.	2.3	25
101	Development of Shape-Tuned, Monodisperse Block Copolymer Particles through Solvent-Mediated Particle Restructuring. Chemistry of Materials, 2019, 31, 1066-1074.	4.6	63
102	Robust Processing of Small-Molecule:Fullerene Organic Solar Cells via Use of Nucleating Agents. ACS Applied Energy Materials, 2018, 1, 1973-1980.	3.9	3
103	Endo and Exo Diels–Alder Adducts: Temperature-Tunable Building Blocks for Selective Chemical Functionalization. Journal of the American Chemical Society, 2018, 140, 5009-5013.	11.7	75
104	PET-RAFT as a facile strategy for preparing functional lipid–polymer conjugates. Journal of Polymer Science Part A, 2018, 56, 1259-1268.	2.3	25
105	Controlled Formation and Binding Selectivity of Discrete Oligo(methyl methacrylate) Stereocomplexes. Journal of the American Chemical Society, 2018, 140, 1945-1951.	11.7	75
106	Control of Amphiphile Self-Assembly via Bioinspired Metal Ion Coordination. Journal of the American Chemical Society, 2018, 140, 1409-1414.	11.7	88
107	Overcoming Surfactant-Induced Morphology Instability of Noncrosslinked Diblock Copolymer Nano-Objects Obtained by RAFT Emulsion Polymerization. ACS Macro Letters, 2018, 7, 159-165.	3.2	39
108	Tuning conformation and properties of peptidomimetic backbones through dual N/Cα-substitution. Chemical Communications, 2018, 54, 5237-5240.	2.4	20

#	Article	IF	Citations
109	Effects of Side-Chain Topology on Aggregation of Conjugated Polymers. Macromolecules, 2018, 51, 2580-2590.	3.7	22
110	Simultaneous Preparation of Multiple Polymer Brushes under Ambient Conditions using Microliter Volumes. Angewandte Chemie, 2018, 130, 13621-13626.	0.9	15
111	Solvent-Free Synthesis of High-Performance Polyhexahydrotriazine (PHT) Thermosets. Chemistry of Materials, 2018, 30, 8352-8358.	4.6	30
112	Simultaneous Preparation of Multiple Polymer Brushes under Ambient Conditions using Microliter Volumes. Angewandte Chemie - International Edition, 2018, 57, 13433-13438.	11.6	103
113	Discrete and Stereospecific Oligomers Prepared by Sequential and Alternating Single Unit Monomer Insertion. Journal of the American Chemical Society, 2018, 140, 13392-13406.	11.7	155
114	Macrocyclic Side-Chain Monomers for Photoinduced ATRP: Synthesis and Properties versus Long-Chain Linear Isomers. Macromolecules, 2018, 51, 6901-6910.	3.7	20
115	Solution Mask Liquid Lithography (SMaLL) for One-Step, Multimaterial 3D Printing. Advanced Materials, 2018, 30, .	17.5	207
116	Controlling Dark Equilibria and Enhancing Donor–Acceptor Stenhouse Adduct Photoswitching Properties through Carbon Acid Design. Journal of the American Chemical Society, 2018, 140, 10425-10429.	11.7	166
117	Elucidating the Impact of Molecular Structure on the 19F NMR Dynamics and MRI Performance of Fluorinated Oligomers. ACS Macro Letters, 2018, 7, 921-926.	3.2	43
118	Tuning of protease resistance in oligopeptides through N-alkylation. Chemical Communications, 2018, 54, 9631-9634.	2.4	19
119	Shape-based separation of synthetic microparticles. Nature Materials, 2018, 18, 82-89.	23.7	42
120	Modular synthesis of asymmetric rylene derivatives. Journal of Materials Chemistry C, 2017, 5, 1052-1056.	3.6	16
121	Dual-pathway chain-end modification of RAFT polymers using visible light and metal-free conditions. Chemical Communications, 2017, 53, 1888-1891.	2.4	48
122	Engineering live cell surfaces with functional polymers via cytocompatible controlled radical polymerization. Nature Chemistry, 2017, 9, 537-545.	15.5	446
123	A Versatile and Highly Selective Colorimetric Sensor for the Detection of Amines. Chemistry - A European Journal, 2017, 23, 3562-3566.	2.4	132
124	A Versatile Approach for In Situ Monitoring of Photoswitches and Photopolymerizations. ChemPhotoChem, 2017, 1, 125-131.	1.9	46
125	Structural Versatility in Slide-Ring Gels: Influence of Co-Threaded Cyclodextrin Spacers. Journal of Polymer Science Part A, 2017, 55, 1156-1165.	2.3	33
126	Highly Photoluminescent Nonconjugated Polymers for Single-Layer Light Emitting Diodes. ACS Photonics, 2017, 4, 631-641.	4.1	25

#	Article	IF	Citations
127	Direct access to functional (Meth)acrylate copolymers through transesterification with lithium alkoxides. Journal of Polymer Science Part A, 2017, 55, 1566-1574.	2.3	27
128	Therapeutic Nanocarriers via Cholesterol Directed Self-Assembly of Well-Defined Linear-Dendritic Polymeric Amphiphiles. Chemistry of Materials, 2017, 29, 3891-3898.	4.6	29
129	Light-Mediated Atom Transfer Radical Polymerization of Semi-Fluorinated (Meth)acrylates: Facile Access to Functional Materials. Journal of the American Chemical Society, 2017, 139, 5939-5945.	11.7	147
130	Controlled radical polymerization of vinyl ketones using visible light. Polymer Chemistry, 2017, 8, 3351-3356.	2.7	53
131	Controlled co-solvent vapor annealing and the importance of quenching conditions in thin-film block copolymer self-assembly. Journal of Polymer Science, Part B: Polymer Physics, 2017, 55, 1125-1130.	2.6	7
132	End group modification of poly(acrylates) obtained via ATRP: a user guide. Polymer Chemistry, 2017, 8, 689-697.	2.7	75
133	A di-tert-butyl acrylate monomer for controlled radical photopolymerization. Journal of Polymer Science Part A, 2017, 55, 801-807.	2.3	10
134	Practical Chain-End Reduction of Polymers Obtained with ATRP. Macromolecular Chemistry and Physics, 2017, 218, .	1.9	16
135	Visible Light-Responsive DASA-Polymer Conjugates. ACS Macro Letters, 2017, 6, 738-742.	3.2	79
136	Novel Strategy for Photopatterning Emissive Polymer Brushes for Organic Light Emitting Diode Applications. ACS Central Science, 2017, 3, 654-661.	7.4	71
137	Effects of Tailored Dispersity on the Self-Assembly of Dimethylsiloxane–Methyl Methacrylate Block Co-Oligomers. ACS Macro Letters, 2017, 6, 668-673.	3.2	99
138	Synthesis of a versatile pentacyclic building block for organic electronics. Journal of Polymer Science Part A, 2017, 55, 2618-2628.	2.3	1
139	Dual-Gated Supramolecular Star Polymers in Aqueous Solution. Macromolecules, 2017, 50, 2375-2386.	3.7	37
140	Synthesis of Discrete Oligomers by Sequential PET-RAFT Single-Unit Monomer Insertion. Angewandte Chemie - International Edition, 2017, 56, 8376-8383.	11.6	209
141	Universal Conditions for the Controlled Polymerization of Acrylates, Methacrylates, and Styrene via Cu(0)-RDRP. Journal of the American Chemical Society, 2017, 139, 1003-1010.	11.7	116
142	Synthesis of Discrete Oligomers by Sequential PET-RAFT Single-Unit Monomer Insertion. Angewandte Chemie, 2017, 129, 8496-8503.	0.9	38
143	One-Pot Synthesis of ABCDE Multiblock Copolymers with Hydrophobic, Hydrophilic, and Semi-Fluorinated Segments. Angewandte Chemie - International Edition, 2017, 56, 14483-14487.	11.6	118
144	High Sulfur Content Material with Stable Cycling in Lithium-Sulfur Batteries. Angewandte Chemie, 2017, 129, 15314-15318.	0.9	24

#	Article	IF	Citations
145	High Sulfur Content Material with Stable Cycling in Lithium-Sulfur Batteries. Angewandte Chemie - International Edition, 2017, 56, 15118-15122.	11.6	80
146	One-Pot Synthesis of ABCDE Multiblock Copolymers with Hydrophobic, Hydrophilic, and Semi-Fluorinated Segments. Angewandte Chemie, 2017, 129, 14675-14679.	0.9	20
147	Rapid Visible Light-Mediated Controlled Aqueous Polymerization with In Situ Monitoring. ACS Macro Letters, 2017, 6, 1109-1113.	3.2	79
148	A Versatile and Efficient Strategy to Discrete Conjugated Oligomers. Journal of the American Chemical Society, 2017, 139, 13735-13739.	11.7	113
149	Donor-fullerene dyads for energy cascade organic solar cells. Inorganica Chimica Acta, 2017, 468, 192-202.	2.5	10
150	Frontispiz: Synthesis of Discrete Oligomers by Sequential PET-RAFT Single-Unit Monomer Insertion. Angewandte Chemie, 2017, 129, .	0.9	0
151	Shape-Tunable Biphasic Janus Particles as pH-Responsive Switchable Surfactants. Macromolecules, 2017, 50, 9276-9285.	3.7	103
152	High Conductivity in a Nonplanar n-Doped Ambipolar Semiconducting Polymer. Chemistry of Materials, 2017, 29, 9742-9750.	4.6	54
153	Desulfurization–bromination: direct chain-end modification of RAFT polymers. Polymer Chemistry, 2017, 8, 7188-7194.	2.7	27
154	RAFT-mediated, visible light-initiated single unit monomer insertion and its application in the synthesis of sequence-defined polymers. Polymer Chemistry, 2017, 8, 4637-4643.	2.7	89
155	Highly stable Au nanoparticles with double hydrophilic block copolymer templates: correlation between structure and stability. Polymer Chemistry, 2017, 8, 4528-4537.	2.7	28
156	Improved self-assembly of poly(dimethylsiloxane-b-ethylene oxide) using a hydrogen-bonding additive. Journal of Polymer Science Part A, 2016, 54, 2200-2208.	2.3	25
157	Ambiguous anti-fouling surfaces: Facile synthesis by light-mediated radical polymerization. Journal of Polymer Science Part A, 2016, 54, 253-262.	2.3	54
158	Preparation of non-spherical particles from amphiphilic block copolymers. Journal of Polymer Science Part A, 2016, 54, 750-757.	2.3	22
159	One-pot fabrication of robust interpenetrating hydrogels via orthogonal click reactions. Journal of Polymer Science Part A, 2016, 54, 1459-1467.	2.3	26
160	Twisted olefinic building blocks for low bandgap polymers in solar cells and ambipolar field-effect transistors. Journal of Polymer Science Part A, 2016, 54, 889-899.	2.3	8
161	pH-Tunable Thermoresponsive PEO-Based Functional Polymers with Pendant Amine Groups. ACS Macro Letters, 2016, 5, 1391-1396.	3.2	52
162	Fully Aromatic High Performance Thermoset via Sydnone–Alkyne Cycloaddition. Journal of the American Chemical Society, 2016, 138, 6400-6403.	11.7	75

#	Article	IF	Citations
163	Vitronectin-Based, Biomimetic Encapsulating Hydrogel Scaffolds Support Adipogenesis of Adipose Stem Cells. Tissue Engineering - Part A, 2016, 22, 597-609.	1.9	31
164	A Versatile and Scalable Strategy to Discrete Oligomers. Journal of the American Chemical Society, 2016, 138, 6306-6310.	11.7	149
165	Particles with Tunable Porosity and Morphology by Controlling Interfacial Instability in Block Copolymer Emulsions. ACS Nano, 2016, 10, 5243-5251.	11.5	134
166	Tunable Visible and Near Infrared Photoswitches. Journal of the American Chemical Society, 2016, 138, 13960-13966.	11.7	275
167	Controlled drug release to cancer cells from modular one-photon visible light-responsive micellar system. Chemical Communications, 2016, 52, 10525-10528.	2.4	135
168	Engineering Surfaces through Sequential Stop-Flow Photopatterning. Advanced Materials, 2016, 28, 9292-9300.	17.5	85
169	Design and Modular Construction of a Polymeric Nanoparticle for Targeted Atherosclerosis Positron Emission Tomography Imaging: A Story of 25% 64Cu-CANF-Comb. Pharmaceutical Research, 2016, 33, 2400-2410.	2.5	31
170	Metal-Free Removal of Polymer Chain Ends Using Light. Macromolecules, 2016, 49, 8162-8166.	3.7	43
171	Role of Solution Structure in Self-Assembly of Conjugated Block Copolymer Thin Films. Macromolecules, 2016, 49, 8187-8197.	3.7	20
172	In Vitro Selection of pH-Activated DNA Nanostructures. Angewandte Chemie, 2016, 128, 15484-15488.	0.9	6
173	In Vitro Selection of pH-Activated DNA Nanostructures. Angewandte Chemie - International Edition, 2016, 55, 15258-15262.	11.6	24
174	Hierarchical comb brush architectures via sequential light-mediated controlled radical polymerizations. Journal of Polymer Science Part A, 2016, 54, 2276-2284.	2.3	27
175	Significance of miscibility in multidonor bulk heterojunction solar cells. Journal of Polymer Science, Part B: Polymer Physics, 2016, 54, 237-246.	2.6	16
176	Chemoselective Radical Dehalogenation and C–C Bond Formation on Aryl Halide Substrates Using Organic Photoredox Catalysts. Journal of Organic Chemistry, 2016, 81, 7155-7160.	2.3	124
177	Order–disorder transition in thin films of horizontally-oriented cylinder-forming block copolymers: thermal fluctuations vs. preferential wetting. Soft Matter, 2016, 12, 5915-5925.	1.9	7
178	Non-Covalent Microgel Particles Containing Functional Payloads: Coacervation of PEG-Based Triblocks via Microfluidics. ACS Applied Materials & Interfaces, 2016, 8, 16914-16921.	5.5	29
179	Simple Benchtop Approach to Polymer Brush Nanostructures Using Visible-Light-Mediated Metal-Free Atom Transfer Radical Polymerization. ACS Macro Letters, 2016, 5, 258-262.	3.2	202
180	PET/CT Imaging of Chemokine Receptors in Inflammatory Atherosclerosis Using Targeted Nanoparticles. Journal of Nuclear Medicine, 2016, 57, 1124-1129.	4.0	64

#	Article	IF	Citations
181	Branched Block Copolymers for Tuning of Morphology and Feature Size in Thin Film Nanolithography. Macromolecules, 2016, 49, 2318-2326.	3.7	60
182	Tethered tertiary amines as solid-state n-type dopants for solution-processable organic semiconductors. Chemical Science, 2016, 7, 1914-1919.	5.3	107
183	Mussel-Inspired Anchoring of Polymer Loops That Provide Superior Surface Lubrication and Antifouling Properties. ACS Nano, 2016, 10, 930-937.	11.5	155
184	Suppressing crystallization in solution-processed thin films of organic semiconductors. MRS Communications, 2015, 5, 447-452.	1.6	8
185	Highly Ordered Nanoporous Films from Supramolecular Diblock Copolymers with Hydrogen-Bonding Junctions. Angewandte Chemie, 2015, 127, 11269-11273.	0.9	2
186	Highly Ordered Nanoporous Films from Supramolecular Diblock Copolymers with Hydrogen-Bonding Junctions. Angewandte Chemie - International Edition, 2015, 54, 11117-11121.	11.6	44
187	A facile synthesis of catechol-functionalized poly(ethylene oxide) block and random copolymers. Journal of Polymer Science Part A, 2015, 53, 2685-2692.	2.3	14
188	Continuous flow synthesis of poly(methyl methacrylate) via a light-mediated controlled radical polymerization. Journal of Polymer Science Part A, 2015, 53, 2693-2698.	2.3	81
189	Poly(dimethylsiloxane-b-methyl methacrylate): A Promising Candidate for Sub-10 nm Patterning. Macromolecules, 2015, 48, 3422-3430.	3.7	139
190	A General Approach to Sequence-Controlled Polymers Using Macrocyclic Ring Opening Metathesis Polymerization. Journal of the American Chemical Society, 2015, 137, 8038-8041.	11.7	281
191	Producing Small Domain Features Using Miktoarm Block Copolymers with Large Interaction Parameters. ACS Macro Letters, 2015, 4, 1287-1292.	3.2	52
192	Histamine-functionalized copolymer micelles as a drug delivery system in 2D and 3D models of breast cancer. Journal of Materials Chemistry B, 2015, 3, 2472-2486.	4.3	21
193	A highly reducing metal-free photoredox catalyst: design and application in radical dehalogenations. Chemical Communications, 2015, 51, 11705-11708.	2.4	311
194	Synthetic strategy for preparing chiral double-semicrystalline polyether block copolymers. Polymer Chemistry, 2015, 6, 1465-1473.	2.7	20
195	Metallopolymer-Based Shape Anisotropic Nanoparticles. ACS Macro Letters, 2015, 4, 731-735.	3.2	89
196	A robust platform for functional microgels via thiol–ene chemistry with reactive polyether-based nanoparticles. Polymer Chemistry, 2015, 6, 2029-2037.	2.7	22
197	A synthetic strategy for the preparation of sub-100 nm functional polymer particles of uniform diameter. Polymer Chemistry, 2015, 6, 1431-1435.	2.7	10
198	Cooperative and Sequential Phase Transitions in it-Poly(propylene oxide)-b-poly(ethylene oxide)-b-it-poly(propylene oxide) Triblock Copolymers. Macromolecules, 2015, 48, 3069-3079.	3.7	16

#	Article	IF	Citations
199	Multifunctional Biocompatible Graphene Oxide Quantum Dots Decorated Magnetic Nanoplatform for Efficient Capture and Two-Photon Imaging of Rare Tumor Cells. ACS Applied Materials & Interfaces, 2015, 7, 10935-10943.	5.5	109
200	One-Pot “Click” Fabrication of Slide-Ring Gels. Macromolecules, 2015, 48, 7774-7781.	3.7	77
201	Formation, Removal, and Reformation of Surface Coatings on Various Metal Oxide Surfaces Inspired by Mussel Adhesives. ACS Applied Materials & Interfaces, 2015, 7, 24656-24662.	5.5	28
202	Rate-Dependent Stiffness and Recovery in Interpenetrating Network Hydrogels through Sacrificial Metal Coordination Bonds. ACS Macro Letters, 2015, 4, 1200-1204.	3.2	61
203	Enhanced Block Copolymer Phase Separation Using Click Chemistry and Ionic Junctions. ACS Macro Letters, 2015, 4, 1332-1336.	3.2	45
204	Phase behavior of electrostatically complexed polyelectrolyte gels using an embedded fluctuation model. Soft Matter, 2015, 11, 1214-1225.	1.9	71
205	Revisiting thiol-yne chemistry: Selective and efficient monoaddition for block and graft copolymer formation. Journal of Polymer Science Part A, 2015, 53, 319-326.	2.3	20
206	Modulating the Properties of Azulene-Containing Polymers through Controlled Incorporation of Regioisomers. Advanced Functional Materials, 2014, 24, 7338-7347.	11.9	69
207	Structural Evolution of Polyelectrolyte Complex Core Micelles and Ordered-Phase Bulk Materials. Macromolecules, 2014, 47, 8026-8032.	3.7	54
208	Titelbild: A Facile Synthesis of Dynamic, Shape-Changing Polymer Particles (Angew. Chem. 27/2014). Angewandte Chemie, 2014, 126, 6947-6947.	0.9	0
209	Synthetic Aptamer-Polymer Hybrid Constructs for Programmed Drug Delivery into Specific Target Cells. Journal of the American Chemical Society, 2014, 136, 15010-15015.	11.7	117
210	A Facile Synthesis of Dynamic, Shape-Changing Polymer Particles. Angewandte Chemie - International Edition, 2014, 53, 7018-7022.	11.6	237
211	Adhesion and Surface Interactions of a Self-Healing Polymer with Multiple Hydrogen-Bonding Groups. Advanced Functional Materials, 2014, 24, 2322-2333.	11.9	245
212	Twisted but Conjugated: Building Blocks for Low Bandgap Polymers. Angewandte Chemie - International Edition, 2014, 53, 3996-4000.	11.6	53
213	Photoswitching Using Visible Light: A New Class of Organic Photochromic Molecules. Journal of the American Chemical Society, 2014, 136, 8169-8172.	11.7	529
214	Small Angle Neutron Scattering Study of Complex Coacervate Micelles and Hydrogels Formed from Ionic Diblock and Triblock Copolymers. Journal of Physical Chemistry B, 2014, 118, 13011-13018.	2.0	71
215	High refractive index polyvinylsulfide materials prepared by selective radical mono-addition thiol–yne chemistry. Polymer Chemistry, 2014, 5, 2911-2921.	2.7	65
216	Fluidity and water in nanoscale domains define coacervate hydrogels. Chemical Science, 2014, 5, 58-67.	5.3	54

#	Article	IF	Citations
217	Rapid microwave-assisted sol–gel preparation of Pd-substituted LnFeO3(Ln = Y, La): phase formation and catalytic activity. Dalton Transactions, 2014, 43, 2079-2087.	2.3	16
218	Conjugated oligomers incorporating azulene building blocks – seven- vs. five-membered ring connectivity. Chemical Science, 2014, 5, 4483-4489.	5.3	76
219	Modulating structure and properties in organic chromophores: influence of azulene as a building block. Chemical Science, 2014, 5, 3753-3760.	5.3	84
220	Metal-Free Atom Transfer Radical Polymerization. Journal of the American Chemical Society, 2014, 136, 16096-16101.	11.7	926
221	PET/CT Imaging of Chemokine Receptor CCR5 in Vascular Injury Model Using Targeted Nanoparticle. Journal of Nuclear Medicine, 2014, 55, 629-634.	4.0	85
222	Nitrosocarbonyl Hetero-Diels–Alder Cycloaddition: A New Tool for Conjugation. ACS Macro Letters, 2014, 3, 753-757.	3.2	32
223	Molecular Interactions and Ordering in Electrically Doped Polymers: Blends of PBTTT and F4TCNQ. Macromolecules, 2014, 47, 6836-6846.	3.7	198
224	A Facile Synthesis of Dynamic, Shape-Changing Polymer Particles. Angewandte Chemie, 2014, 126, 7138-7142.	0.9	33
225	Strain-Induced Strengthening of the Weakest Link: The Importance of Intermediate Geometry for the Outcome of Mechanochemical Reactions. Macromolecules, 2014, 47, 1187-1192.	3.7	55
226	Power Factor Enhancement in Solution-Processed Organic n-Type Thermoelectrics Through Molecular Design. Advanced Materials, 2014, 26, 3473-3477.	17.5	213
227	Controlled Radical Polymerization of Acrylates Regulated by Visible Light. ACS Macro Letters, 2014, 3, 580-584.	3.2	246
228	Solubility-Limited Extrinsic n-Type Doping of a High Electron Mobility Polymer for Thermoelectric Applications. Advanced Materials, 2014, 26, 2825-2830.	17.5	394
229	Twisted but Conjugated: Building Blocks for Low Bandgap Polymers. Angewandte Chemie, 2014, 126, 4077-4081.	0.9	6
230	Physiologically relevant, pH-responsive PEG-based block and statistical copolymers with N,N-diisopropylamine units. Polymer Chemistry, 2013, 4, 5735.	2.7	42
231	A One-Step Strategy for End-Functionalized Donor–Acceptor Conjugated Polymers. Macromolecules, 2013, 46, 6431-6438.	3.7	63
232	Well-Organized Dense Arrays of Nanodomains in Thin Films of Poly(dimethylsiloxane)-b-poly(lactide) Diblock Copolymers. Macromolecules, 2013, 46, 8289-8295.	3.7	62
233	Linear versus Dendritic Molecular Binders for Hydrogel Network Formation with Clay Nanosheets: Studies with ABA Triblock Copolyethers Carrying Guanidinium Ion Pendants. Journal of the American Chemical Society, 2013, 135, 15650-15655.	11.7	164
234	Nanostructured Supramolecular Block Copolymers Based on Polydimethylsiloxane and Polylactide. ACS Macro Letters, 2013, 2, 1006-1010.	3.2	69

#	Article	IF	Citations
235	Versatile tuning of supramolecular hydrogels through metal complexation of oxidation-resistant catechol-inspired ligands. Soft Matter, 2013, 9, 10314.	1.9	177
236	Allyl Glycidyl Ether-Based Polymer Electrolytes for Room Temperature Lithium Batteries. Macromolecules, 2013, 46, 8988-8994.	3.7	171
237	Radical Thiol-yne Chemistry on Diphenylacetylene: Selective and Quantitative Addition Enabling the Synthesis of Hyperbranched Poly(vinyl sulfide)s. Macromolecular Rapid Communications, 2013, 34, 1772-1778.	2.8	45
238	25th Anniversary Article: No Assembly Required: Recent Advances in Fully Conjugated Block Copolymers. Advanced Materials, 2013, 25, 5686-5700.	17.5	80
239	Supramolecular guests in solvent driven block copolymer assembly: from internally structured nanoparticles to micelles. Polymer Chemistry, 2013, 4, 5038.	2.7	42
240	pH-triggered self-assembly of biocompatible histamine-functionalized triblock copolymers. Soft Matter, 2013, 9, 82-89.	1.9	59
241	Externe Regulation kontrollierter Polymerisationen. Angewandte Chemie, 2013, 125, 210-222.	0.9	83
242	External Regulation of Controlled Polymerizations. Angewandte Chemie - International Edition, 2013, 52, 199-210.	11.6	441
243	Efficient Surface Neutralization and Enhanced Substrate Adhesion through Ketene Mediated Crosslinking and Functionalization. Advanced Functional Materials, 2013, 23, 1597-1602.	11.9	38
244	Striped, Ellipsoidal Particles by Controlled Assembly of Diblock Copolymers. Journal of the American Chemical Society, 2013, 135, 6649-6657.	11.7	249
245	Microstructure formation in molecular and polymer semiconductors assisted by nucleation agents. Nature Materials, 2013, 12, 628-633.	23.7	148
246	Nanoparticle PET/CT Imaging of Natriuretic Peptide Clearance Receptor in Prostate Cancer. Bioconjugate Chemistry, 2013, 24, 196-204.	2.9	54
247	Fabrication of Complex Three-Dimensional Polymer Brush Nanostructures through Light-Mediated Living Radical Polymerization. Angewandte Chemie - International Edition, 2013, 52, 6844-6848.	11.6	229
248	Interpreting the Density of States Extracted from Organic Solar Cells Using Transient Photocurrent Measurements. Journal of Physical Chemistry C, 2013, 117, 12407-12414.	2.3	93
249	Temperature Dependence of the Diffusion Coefficient of PCBM in Poly(3-hexylthiophene). Macromolecules, 2013, 46, 1002-1007.	3.7	67
250	Fabrication of Unique Chemical Patterns and Concentration Gradients with Visible Light. Journal of the American Chemical Society, 2013, 135, 14106-14109.	11.7	113
251	Effects of Polymer and Salt Concentration on the Structure and Properties of Triblock Copolymer Coacervate Hydrogels. Macromolecules, 2013, 46, 1512-1518.	3.7	142
252	Synthesis, solid-state, and charge-transport properties of conjugated polythiophene-S,S-dioxides. Journal of Polymer Science, Part B: Polymer Physics, 2013, 51, 48-56.	2.6	25

#	Article	IF	Citations
253	Fabrication of Complex Three-Dimensional Polymer Brush Nanostructures through Light-Mediated Living Radical Polymerization. Angewandte Chemie, 2013, 125, 6982-6986.	0.9	68
254	Advanced Techniques for the Characterization of Surface Structure in Polymer Thin Films and Coatings. Arabian Journal for Science and Engineering, 2013, 39, 1-13.	1.0	9
255	Strongly Phase-Segregating Block Copolymers with Sub-20 nm Features. ACS Macro Letters, 2013, 2, 677-682.	3.2	27
256	Poly[(ethylene oxide)-co-(methylene ethylene oxide)]: A hydrolytically degradable poly(ethylene oxide) platform. ACS Macro Letters, 2012, 1, 1240-1243.	3.2	52
257	Enhanced Bioactivity of Internally Functionalized Cationic Dendrimers with PEG Cores. Biomacromolecules, 2012, 13, 4089-4097.	3.8	54
258	Ketene-Based Route to rigid Cyclobutanediol Monomers for the Replacement of BPA in High Performance Polyesters. ACS Macro Letters, 2012, 1, 1228-1232.	3.2	41
259	Lamellar microdomain orientation and phase transition of polystyrene-b-poly(methyl methacrylate) films by controlled interfacial interactions. Soft Matter, 2012, 8, 3463.	1.9	35
260	A facile synthesis of clickable and acid-cleavable PEO for acid-degradable block copolymers. Polymer Chemistry, 2012, 3, 1890-1898.	2.7	89
261	Supramolecular mimics of phase separating covalent diblock copolymers. Polymer Chemistry, 2012, 3, 2050.	2.7	32
262	Morphology Evolution of PS-b-P2VP Diblock Copolymers via Supramolecular Assembly of Hydroxylated Gold Nanoparticles. Macromolecules, 2012, 45, 1553-1561.	3.7	90
263	Reactivity Ratios and Mechanistic Insight for Anionic Ring-Opening Copolymerization of Epoxides. Macromolecules, 2012, 45, 3722-3731.	3.7	67
264	Innenrücktitelbild: Control of a Living Radical Polymerization of Methacrylates by Light (Angew. Chem. 35/2012). Angewandte Chemie, 2012, 124, 9031-9031.	0.9	2
265	Functional block copolymer nanoparticles: toward the next generation of delivery vehicles. Polymer Chemistry, 2012, 3, 1618.	2.7	61
266	Improved Performance of Protected Catecholic Polysiloxanes for Bioinspired Wet Adhesion to Surface Oxides. Journal of the American Chemical Society, 2012, 134, 20139-20145.	11.7	109
267	Cyclic Block Copolymers for Controlling Feature Sizes in Block Copolymer Lithography. ACS Nano, 2012, 6, 10845-10854.	11.5	187
268	Phase separation of supramolecular and dynamic block copolymers. Polymer Chemistry, 2012, 3, 3033.	2.7	79
269	A Modular Strategy for Fully Conjugated Donor–Acceptor Block Copolymers. Journal of the American Chemical Society, 2012, 134, 16040-16046.	11.7	133
270	Mesostructured Block Copolymer Nanoparticles: Versatile Templates for Hybrid Inorganic/Organic Nanostructures. Chemistry of Materials, 2012, 24, 4036-4042.	4.6	53

#	Article	IF	Citations
271	Polymer-Fullerene Miscibility: A Metric for Screening New Materials for High-Performance Organic Solar Cells. Journal of the American Chemical Society, 2012, 134, 15869-15879.	11.7	204
272	In situ current voltage measurements for optimization of a novel fullerene acceptor in bulk heterojunction photovoltaics. Journal of Polymer Science, Part B: Polymer Physics, 2012, 50, 174-179.	2.6	3
273	Azulene-based conjugated polymers: unique seven-membered ring connectivity leading to stimuli-responsiveness. Chemical Science, 2012, 3, 2721.	5.3	81
274	Control of a Living Radical Polymerization of Methacrylates by Light. Angewandte Chemie, 2012, 124, 8980-8983.	0.9	119
275	Control of a Living Radical Polymerization of Methacrylates by Light. Angewandte Chemie - International Edition, 2012, 51, 8850-8853.	11.6	800
276	Low-temperature ketene formation in materials chemistry through molecular engineering. Chemical Science, 2012, 3, 766-771.	5.3	38
277	Biodegradable, multi-layered coatings for controlled release of small molecules. Chemical Communications, 2012, 48, 4833.	2.4	9
278	Templating Nanopores Into Poly(MethylSilsesquioxane): New Lowdielectric Coatings Suitable for MicroElectronic Applications. Materials Research Society Symposia Proceedings, 2011, 511, .	0.1	5
279	Block Copolymer Lithography: Merging “Bottom-Up” with “Top-Down” Processes. MRS Bulletin, 2011, 30, 952-966.	3.5	520
280	A facile route to patterned epitaxial ZnO nanostructures by soft lithography. Journal of Materials Chemistry, 2011, 21, 14417.	7.3	20
281	Synthesis of thermally stable Au-core/Pt-shell nanoparticles and their segregation behavior in diblock copolymer mixtures. Soft Matter, 2011, 7, 6255.	1.9	50
282	Encoded dendrimers with defined chiral composition via‘click’ reaction of enantiopure building blocks. Chemical Communications, 2011, 47, 9870.	2.4	9
283	In situ measurement of power conversion efficiency and molecular ordering during thermal annealing in P3HT:PCBM bulk heterojunction solar cells. Journal of Materials Chemistry, 2011, 21, 15224.	7.3	87
284	Stimuli-Responsive Azulene-Based Conjugated Oligomers with Polyaniline-like Properties. Journal of the American Chemical Society, 2011, 133, 10046-10049.	11.7	181
285	Three-Dimensional Multilayered Nanostructures with Controlled Orientation of Microdomains from Cross-Linkable Block Copolymers. ACS Nano, 2011, 5, 6164-6173.	11.5	57
286	Evaluation of Multivalent, Functional Polymeric Nanoparticles for Imaging Applications. ACS Nano, 2011, 5, 738-747.	11.5	96
287	Controlling Volume Shrinkage in Soft Lithography through Heat-Induced Cross-Linking of Patterned Nanofibers. Journal of the American Chemical Society, 2011, 133, 2840-2843.	11.7	42
288	A General Approach to Controlling the Surface Composition of Poly(ethylene oxide)-Based Block Copolymers for Antifouling Coatings. Langmuir, 2011, 27, 13762-13772.	3.0	109

#	Article	IF	Citations
289	A Facile Synthesis of Low-Band-Gap Donor–Acceptor Copolymers Based on Dithieno[3,2-b:2',3'-d]thiophene. Macromolecules, 2011, 44, 9533-9538.	3.7	33
290	Bicontinuous Block Copolymer Morphologies Produced by Interfacially Active, Thermally Stable Nanoparticles. Macromolecules, 2011, 44, 9366-9373.	3.7	46
291	Reactive, Multifunctional Polymer Films through Thermal Cross-linking of Orthogonal Click Groups. Journal of the American Chemical Society, 2011, 133, 16698-16706.	11.7	130
292	Controlled Supramolecular Assembly of Micelle-Like Gold Nanoparticles in PS-b-P2VP Diblock Copolymers via Hydrogen Bonding. Journal of the American Chemical Society, 2011, 133, 16986-16996.	11.7	139
293	De Novo Design of Bioactive Protein-Resembling Nanospheres via Dendrimer-Templated Peptide Amphiphile Assembly. Nano Letters, 2011, 11, 3946-3950.	6.2	52
294	An energy efficient and facile synthesis of high molecular weight polyesters using ketenes. Chemical Communications, 2011, 47, 10572.	2.4	28
295	Rapid synthesis of block and cyclic copolymers via click chemistry in the presence of copper nanoparticles. Journal of Polymer Science Part A, 2011, 49, 814-819.	2.3	61
296	Synthesis and characterization of soluble low-bandgap oligothiophene-[all]-S,S-dioxides-based conjugated oligomers and polymers. Journal of Polymer Science Part A, 2011, 49, 1933-1941.	2.3	41
297	Spacer-length-dependent association in polymers with multiple-hydrogen-bonded end groups. Journal of Polymer Science Part A, 2011, 49, 4253-4260.	2.3	32
298	Exhaustive glycosylation, pegylation, and glutathionylation of a [G4]-ene48 dendrimer via photoinduced thiol-ene coupling. Journal of Polymer Science Part A, 2011, 49, 4468-4475.	2.3	56
299	Poly(allyl glycidyl ether)-A versatile and functional polyether platform. Journal of Polymer Science Part A, 2011, 49, 4498-4504.	2.3	119
300	Synthesis of Multifunctional Micrometer-Sized Particles with Magnetic, Amphiphilic, and Anisotropic Properties. Advanced Materials, 2011, 23, 2348-2352.	17.5	56
301	Tunable, High Modulus Hydrogels Driven by Ionic Coacervation. Advanced Materials, 2011, 23, 2327-2331.	17.5	345
302	Solution-Processed Nanostructured Benzoporphyrin with Polycarbonate Binder for Photovoltaics. Advanced Materials, 2011, 23, 2289-2293.	17.5	39
303	Interdiffusion of PCBM and P3HT Reveals Miscibility in a Photovoltaically Active Blend. Advanced Energy Materials, 2011, 1, 82-89.	16.3	585
304	Klickreaktionen von Polymeren oder einfach nur effizientes Verknüpfen: Wo liegt der Unterschied?. Angewandte Chemie, 2011, 123, 61-64.	0.9	61
305	Multifunctional Trackable Dendritic Scaffolds and Delivery Agents. Angewandte Chemie, 2011, 123, 3487-3491.	0.9	5
306	Multifunctional Trackable Dendritic Scaffolds and Delivery Agents. Angewandte Chemie - International Edition, 2011, 50, 3425-3429.	11.6	86

#	Article	IF	Citations
307	1,4-Fullerene Derivatives: Tuning the Properties of the Electron Transporting Layer in Bulk-Heterojunction Solar Cells. Angewandte Chemie - International Edition, 2011, 50, 5166-5169.	11.6	110
308	Targeting Angiogenesis Using a C-Type Atrial Natriuretic Factor–Conjugated Nanoprobe and PET. Journal of Nuclear Medicine, 2011, 52, 1956-1963.	4.0	61
309	Ketene Functionalized Polyethylene: Control of Cross-Link Density and Material Properties. Journal of the American Chemical Society, 2010, 132, 14706-14709.	11.7	72
310	Nanostructured Hybrid Solar Cells: Dependence of the Open Circuit Voltage on the Interfacial Composition. Advanced Materials, 2010, 22, 4982-4986.	17.5	22
311	Transition behavior of PS-b-PMMA films on the balanced interfacial interactions. Polymer, 2010, 51, 6313-6318.	3.4	30
312	Tailored composite polymer–metal nanoparticles by miniemulsion polymerization and thiol-ene functionalization. Journal of Polymer Science Part A, 2010, 48, 1594-1606.	2.3	103
313	A facile route to ketene-functionalized polymers for general materials applications. Nature Chemistry, 2010, 2, 207-212.	15.5	122
314	High Surface Area Poly(3-hexylthiophenes) Thin Films from Cleavable Graft Copolymers. Macromolecules, 2010, 43, 233-241.	3.7	26
315	Pushing the Limits for Thiol–Ene and CuAAC Reactions: Synthesis of a 6th Generation Dendrimer in a Single Day. Macromolecules, 2010, 43, 6625-6631.	3.7	166
316	Phase Behavior of Complementary Multiply Hydrogen Bonded End-Functional Polymer Blends. Macromolecules, 2010, 43, 5121-5127.	3.7	100
317	Thin Film Morphology of Block Copolymer Blends with Tunable Supramolecular Interactions for Lithographic Applications. Macromolecules, 2010, 43, 2880-2889.	3.7	69
318	Multiple Nanoscale Templates by Orthogonal Degradation of a Supramolecular Block Copolymer Lithographic System. ACS Nano, 2010, 4, 285-291.	11.5	36
319	Accelerated Growth of Dendrimers via Thiol–Ene and Esterification Reactions. Macromolecules, 2010, 43, 6004-6013.	3.7	93
320	Facile access to internally functionalized dendrimers through efficient and orthogonal click reactions. Chemical Communications, 2010, 46, 1556.	2.4	95
321	Approaches to Solution Deposited Flexible Composite Vapor Barrier Films. Materials Research Society Symposia Proceedings, 2009, 1195, .	0.1	0
322	Block Copolymer Nanolithography: Translation of Molecular Level Control to Nanoscale Patterns. Advanced Materials, 2009, 21, 4769-4792.	17.5	663
323	Biomimetische Lipo-Glycopolymer-Membranen: photochemische Oberflächenanbindung supramolekularer Architekturen mit definierter Orientierung. Angewandte Chemie, 2009, 121, 7028-7032.	0.9	0
324	A Modular Approach to Functionalized and Expanded Crown Ether Based Macrocycles Using Click Chemistry. Angewandte Chemie, 2009, 121, 6782-6786.	0.9	5

#	Article	IF	Citations
325	Biomimetic Lipoglycopolymer Membranes: Photochemical Surface Attachment of Supramolecular Architectures with Defined Orientation. Angewandte Chemie - International Edition, 2009, 48, 6896-6899.	11.6	11
326	A Modular Approach to Functionalized and Expanded Crown Ether Based Macrocycles Using Click Chemistry. Angewandte Chemie - International Edition, 2009, 48, 6654-6658.	11.6	97
327	Nonlinear optical properties of triangular silver nanomaterials. Chemical Physics Letters, 2009, 481, 94-98.	2.0	58
328	A general strategy for highly efficient nanoparticle dispersing agents based on hybrid dendritic linear block copolymers. Journal of Polymer Science Part A, 2009, 47, 1237-1258.	2.3	53
329	Polymeric gate dielectric interlayer of cross-linkable poly(styrene-r-methylmethacrylate) copolymer for ferroelectric PVDF-TrFE field effect transistor memory. Organic Electronics, 2009, 10, 849-856.	2.0	42
330	New methodologies in the construction of dendritic materials. Chemical Society Reviews, 2009, 38, 352-362.	32.1	377
331	Tailoring Core–Shell Polymer-Coated Nanoparticles as Block Copolymer Surfactants. Macromolecules, 2009, 42, 6193-6201.	3.7	60
332	Applications of Photocurable PMMS Thiol–Ene Stamps in Soft Lithography. Chemistry of Materials, 2009, 21, 5319-5326.	4.6	78
333	Synthesis and Characterization of Isomeric Vinyl-1,2,3-triazole Materials by Azide–Alkyne Click Chemistry. Macromolecules, 2009, 42, 6068-6074.	3.7	79
334	Free-Standing Nanocomposite Multilayers with Various Length Scales, Adjustable Internal Structures, and Functionalities. Journal of the American Chemical Society, 2009, 131, 2579-2587.	11.7	79
335	Enzymatically Triggered Self-Assembly of Block Copolymers. Journal of the American Chemical Society, 2009, 131, 13949-13951.	11.7	158
336	Free Radical Polymers with Tunable and Selective Bio- and Chemical Degradability. Journal of the American Chemical Society, 2009, 131, 9805-9812.	11.7	137
337	Dendronized macromonomers for three-dimensional data storage. Chemical Communications, 2009, , 425-427.	2.4	27
338	Modulation of Protein–Surface Interactions on Nanopatterned Polymer Films. Biomacromolecules, 2009, 10, 1061-1066.	3.8	37
339	Functionalization of Polymer Microspheres Using Click Chemistry. Langmuir, 2009, 25, 4370-4376.	3.0	59
340	Facile Preparation of Nanoparticles by Intramolecular Cross-Linking of Isocyanate Functionalized Copolymers. Macromolecules, 2009, 42, 5629-5635.	3.7	173
341	Design of crosslinked hybrid multilayer thin films from azido-functionalized polystyrenes and platinum nanoparticles. Soft Matter, 2009, 5, 586-592.	1.9	48
342	Applications of Orthogonal “Click” Chemistries in the Synthesis of Functional Soft Materials. Chemical Reviews, 2009, 109, 5620-5686.	42.5	1,440

#	Article	IF	Citations
343	Model Transient Networks from Strongly Hydrogen-Bonded Polymers. Macromolecules, 2009, 42, 9072-9081.	3.7	283
344	A Simple Route to Multimodal Composite Nanoparticles. Macromolecules, 2009, 42, 1425-1427.	3.7	65
345	A versatile approach to high-throughput microarrays using thiol-ene chemistry. Nature Chemistry, 2009, 2, 138-145.	15.5	211
346	Facile syntheses of 4-vinyl-1,2,3-triazole monomers by click azide/acetylene coupling. Journal of Polymer Science Part A, 2008, 46, 2897-2912.	2.3	55
347	Synthesis and characterization of hyperbranched polymers with increased chemical versatility for imprint lithographic resists. Journal of Polymer Science Part A, 2008, 46, 6238-6254.	2.3	36
348	Molecularly defined (L)-lactic acid oligomers and polymers: Synthesis and characterization. Journal of Polymer Science Part A, 2008, 46, 5977-5990.	2.3	123
349	Highly ordered nanoporous thin films by blending of PSt-b-PMMA block copolymers and PEO additives as structure directing agents. Journal of Polymer Science Part A, 2008, 46, 8041-8048.	2.3	13
350	Click Assisted One-Pot Multi-Step Reactions in Polymer Science: Accelerated Synthetic Protocols. Macromolecular Rapid Communications, 2008, 29, 998-1015.	2.8	142
351	Fabrication of Reversibly Crosslinkable, 3-Dimensionally Conformal Polymeric Microstructures. Advanced Functional Materials, 2008, 18, 3315-3322.	11.9	98
352	Dramatic Morphology Control in the Fabrication of Porous Polymer Films. Advanced Functional Materials, 2008, 18, 3706-3714.	11.9	93
353	Highly Versatile and Robust Materials for Soft Imprint Lithography Based on Thiol-ene Click Chemistry. Advanced Materials, 2008, 20, 3728-3733.	17.5	199
354	High-Performance, Nondiffusive Crosslinked Polymers for Holographic Data Storage. Advanced Materials, 2008, 20, 3937-3941.	17.5	19
355	Robust, Efficient, and Orthogonal Synthesis of Dendrimers via Thiol-ene “Click” Chemistry. Journal of the American Chemical Society, 2008, 130, 5062-5064.	11.7	782
356	Microdomain Orientation of PS-b-PMMA by Controlled Interfacial Interactions. Macromolecules, 2008, 41, 6431-6437.	3.7	235
357	Development of Thermal and Photochemical Strategies for Thiol–Ene Click Polymer Functionalization. Macromolecules, 2008, 41, 7063-7070.	3.7	451
358	Molecularly Defined Caprolactone Oligomers and Polymers: Synthesis and Characterization. Journal of the American Chemical Society, 2008, 130, 1718-1726.	11.7	166
359	Synthesis and Characterization of Core–Shell Star Copolymers for In Vivo PET Imaging Applications. Biomacromolecules, 2008, 9, 1329-1339.	3.8	151
360	Patterning on Nonplanar Substrates: Flexible Honeycomb Films from a Range of Self-assembling Star Copolymers. Langmuir, 2008, 24, 556-562.	3.0	84

#	Article	IF	Citations
361	Polymeric Nanoparticles via Noncovalent Cross-Linking of Linear Chains. Macromolecules, 2008, 41, 6413-6418.	3.7	160
362	One- and Two-Photon Induced Polymerization of Methylmethacrylate Using Colloidal CdS Semiconductor Quantum Dots. Journal of the American Chemical Society, 2008, 130, 8280-8288.	11.7	70
363	Square Packing and Structural Arrangement of ABC Triblock Copolymer Spheres in Thin Films. Macromolecules, 2008, 41, 4328-4339.	3.7	82
364	Polymers with Multiple Hydrogen-Bonded End Groups and Their Blends. Macromolecules, 2008, 41, 4694-4700.	3.7	206
365	Size control and registration of nano-structured thin films by cross-linkable units. Soft Matter, 2008, 4, 475.	1.9	37
366	Holographic Recording in Cross-Linked Polymeric Matrices through Photoacid Generation. Chemistry of Materials, 2008, 20, 3669-3674.	4.6	6
367	Click chemistry for photonic applications: triazole-functionalized platinum(ii) acetylides for optical power limiting. Journal of Materials Chemistry, 2008, 18, 166-175.	7.3	66
368	Acridizinium-Substituted Dendrimers As a New Potential Rewritable Optical Data Storage Material for Blu-ray. Chemistry of Materials, 2008, 20, 6715-6720.	4.6	27
369	Preparation and Characterization of Glycoacrylate-Based Polymer-Tethered Lipid Bilayers on Benzophenone-Modified Substrates. Langmuir, 2008, 24, 14088-14098.	3.0	20
370	Chain-End Functionalized Nanopatterned Polymer Brushes Grown via in Situ Nitroxide Free Radical Exchange. ACS Nano, 2008, 2, 719-727.	11.5	64
371	Self-Assembled Multilayers of Nanocomponents. Nano Letters, 2007, 7, 484-489.	6.2	115
372	Preparation of orthogonally-functionalized core Click cross-linked nanoparticles. New Journal of Chemistry, 2007, 31, 718-724.	1.9	84
373	Self-Assembly and Encoding of Polymer-Stabilized Gold Nanoparticles with Surface-Enhanced Raman Reporter Molecules. Langmuir, 2007, 23, 10539-10545.	3.0	63
374	Secondary Patterning of UV Imprint Features by Photolithography. Chemistry of Materials, 2007, 19, 526-534.	4.6	23
375	Labeling of Polymer Nanostructures for Medical Imaging: Importance of Cross-Linking Extent, Spacer Length, and Charge Density. Macromolecules, 2007, 40, 2971-2973.	3.7	46
376	Effects of Modulus and Surface Chemistry of Thiol-Ene Photopolymers in Nanoimprinting. Nano Letters, 2007, 7, 233-237.	6.2	103
377	Self-Assembly of Uracil–PAMAM Dendrimer Systems into Domains of Micrometer Length Scale. Macromolecules, 2007, 40, 1779-1781.	3.7	7
378	Synthesis of Dendron Functionalized Core Cross-linked Star Polymers. Macromolecules, 2007, 40, 7855-7863.	3.7	64

#	Article	IF	Citations
379	Structural Effects on the Biodistribution and Positron Emission Tomography (PET) Imaging of Well-Defined64Cu-Labeled Nanoparticles Comprised of Amphiphilic Block Graft Copolymers. Biomacromolecules, 2007, 8, 3126-3134.	3.8	130
380	Creating Surfactant Nanoparticles for Block Copolymer Composites through Surface Chemistry. Langmuir, 2007, 23, 12693-12703.	3.0	193
381	Ordered Arrays of 100-Oriented Silicon Nanorods by CMOS-Compatible Block Copolymer Lithography. Nano Letters, 2007, 7, 1516-1520.	6.2	119
382	Effect of Humidity on the Ordering of PEO-Based Copolymer Thin Films. Macromolecules, 2007, 40, 7019-7025.	3.7	108
383	Surface Modification with Cross-Linked Random Copolymers: Minimum Effective Thickness. Macromolecules, 2007, 40, 4296-4300.	3.7	68
384	Importance of End-Group Structure in Controlling the Interfacial Activity of Polymer-Coated Nanoparticles. Macromolecules, 2007, 40, 1796-1798.	3.7	58
385	Facile RAFT Precipitation Polymerization for the Microwave-Assisted Synthesis of Well-Defined, Double Hydrophilic Block Copolymers and Nanostructured Hydrogels. Journal of the American Chemical Society, 2007, 129, 14493-14499.	11.7	336
386	Nanoparticle Surfactants as a Route to Bicontinuous Block Copolymer Morphologies. Langmuir, 2007, 23, 7804-7809.	3.0	163
387	Glyco-acrylate copolymers for bilayer tethering on benzophenone-modified substrates. Colloids and Surfaces B: Biointerfaces, 2007, 54, 127-135.	4.4	13
388	Role of architecture and molecular weight in the formation of tailor-made ultrathin multilayers using dendritic macromolecules and click chemistry. Journal of Polymer Science Part A, 2007, 45, 2835-2846.	2.3	115
389	UV-photodimerization in uracil-substituted dendrimers for high density data storage. Journal of Polymer Science Part A, 2007, 45, 4401-4412.	2.3	12
390	A chemoselective approach for the accelerated synthesis of well-defined dendritic architectures. Chemical Communications, 2007, , 2249-2251.	2.4	133
391	One-Step Microwave Preparation of Well-Defined and Functionalized Polymeric Nanoparticles. Journal of the American Chemical Society, 2006, 128, 15054-15055.	11.7	71
392	Defect-Free Nanoporous Thin Films from ABC Triblock Copolymers. Journal of the American Chemical Society, 2006, 128, 7622-7629.	11.7	302
393	A Versatile New Monomer Family: Functionalized 4-Vinyl-1,2,3-Triazoles via Click Chemistry. Journal of the American Chemical Society, 2006, 128, 12084-12085.	11.7	161
394	An Optical Waveguide Study on the Nanopore Formation in Block Copolymer/Homopolymer Thin Films by Selective Solvent Swelling. Journal of Physical Chemistry B, 2006, 110, 15381-15388.	2.0	36
395	Effect of Areal Chain Density on the Location of Polymer-Modified Gold Nanoparticles in a Block Copolymer Template. Macromolecules, 2006, 39, 4108-4114.	3.7	303
396	Conformational Changes of Linear–Dendrimer Diblock Copolymers in Dilute Solution. Macromolecules, 2006, 39, 740-746.	3.7	13

#	Article	IF	Citations
397	Characterization of Poly(norbornene) Dendronized Polymers Prepared by Ring-Opening Metathesis Polymerization of Dendron Bearing Monomers. Macromolecules, 2006, 39, 7241-7249.	3.7	59
398	Well-Controlled Living Polymerization of Perylene-Labeled Polyisoprenes and Their Use in Single-Molecule Imaging. Macromolecules, 2006, 39, 8121-8127.	3.7	21
399	Controlling Nanowear in a Polymer by Confining Segmental Relaxation. Nano Letters, 2006, 6, 296-300.	6.2	38
400	Synthesis of well-defined hydrogel networks using Click chemistry. Chemical Communications, 2006, , 2774.	2.4	499
401	Cross-linked block copolymer micelles: functional nanostructures of great potential and versatility. Chemical Society Reviews, 2006, 35, 1068.	32.1	923
402	Facile syntheses of surface-functionalized micelles and shell cross-linked nanoparticles. Journal of Polymer Science Part A, 2006, 44, 5203-5217.	2.3	240
403	Molecular architecture and rheological characterization of novel intramolecularly crosslinked polystyrene nanoparticles. Journal of Polymer Science, Part B: Polymer Physics, 2006, 44, 1930-1947.	2.6	58
404	Fabrication of densely packed, well-ordered, high-aspect-ratio silicon nanopillars over large areas using block copolymer lithography. Thin Solid Films, 2006, 513, 289-294.	1.6	72
405	Fluorogenic 1,3-Dipolar Cycloaddition within the Hydrophobic Core of a Shell Cross-Linked Nanoparticle. Chemistry - A European Journal, 2006, 12, 6776-6786.	2.4	143
406	High-temperature resistant, ordered gold nanoparticle arrays. Nanotechnology, 2006, 17, 2122-2126.	1.9	34
407	One-Pot Reaction Cascades Using Star Polymers with Core-Confined Catalysts. Angewandte Chemie - International Edition, 2005, 44, 6384-6387.	11.6	278
408	One-Pot Reaction Cascades Using Star Polymers with Core-Confined Catalysts. Angewandte Chemie, 2005, 117, 6542-6545.	0.9	51
409	Covalent stabilization of nanostructures: Robust block copolymer templates from novel thermoreactive systems. Journal of Polymer Science Part A, 2005, 43, 1028-1037.	2.3	84
410	Shell Click-Crosslinked (SCC) Nanoparticles: A New Methodology for Synthesis and Orthogonal Functionalization. Journal of the American Chemical Society, 2005, 127, 16892-16899.	11.7	320
411	Multivalent, bifunctional dendrimers prepared by click chemistry. Chemical Communications, 2005, , 5775.	2.4	434
412	The Convergence of Synthetic Organic and Polymer Chemistries. Science, 2005, 309, 1200-1205.	26.1	1,291
413	Conformation of Intramolecularly Cross-Linked Polymer Nanoparticles on Solid Substrates. Nano Letters, 2005, 5, 1704-1709.	6.2	34
414	The Dramatic Effect of Architecture on the Self-Assembly of Block Copolymers at Interfaces. Langmuir, 2005, 21, 10444-10458.	3.0	82

#	Article	IF	Citations
415	Effects of Polymer Architecture and Nanoenvironment in Acylation Reactions Employing Dendritic (Dialkylamino)pyridine Catalysts. Macromolecules, 2005, 38, 5411-5415.	3.7	92
416	Interfacial Interaction Dependence of Microdomain Orientation in Diblock Copolymer Thin Films. Macromolecules, 2005, 38, 2802-2805.	3.7	102
417	A Thermal and Manufacturable Approach to Stabilized Diblock Copolymer Templates. Macromolecules, 2005, 38, 7676-7683.	3.7	84
418	Synthesis and Direct Visualization of Block Copolymers Composed of Different Macromolecular Architectures. Macromolecules, 2005, 38, 2674-2685.	3.7	80
419	Polymerizable Living Free Radical Initiators as a Platform To Synthesize Functional Networks. Chemistry of Materials, 2005, 17, 4789-4797.	4.6	35
420	Doubly-dendronized linear polymers. Chemical Communications, 2005, , 5169.	2.4	89
421	Orthogonal Approaches to the Simultaneous and Cascade Functionalization of Macromolecules Using Click Chemistry. Journal of the American Chemical Society, 2005, 127, 14942-14949.	11.7	331
422	Structurally Diverse Dendritic Libraries: A Highly Efficient Functionalization Approach Using Click Chemistry. Macromolecules, 2005, 38, 3663-3678.	3.7	369
423	Functionalization of Micelles and Shell Cross-linked Nanoparticles Using Click Chemistry. Chemistry of Materials, 2005, 17, 5976-5988.	4.6	254
424	Dendrimers Clicked Together Divergently. Macromolecules, 2005, 38, 5436-5443.	3.7	244
425	Effect of Ideal, Organic Nanoparticles on the Flow Properties of Linear Polymers: Non-Einstein-like Behavior. Macromolecules, 2005, 38, 8000-8011.	3.7	231
426	Silica Nanostructures Templated by Oriented Block Copolymer Thin Films Using Pore-Filling and Selective-Mineralization Routes. Chemistry of Materials, 2005, 17, 4743-4749.	4.6	59
427	Porous organosilicates low-dielectric films for high-frequency devices. Journal of Electronic Materials, 2004, 33, 135-140.	1.9	4
428	Efficiency and Fidelity in a Click-Chemistry Route to Triazole Dendrimers by the Copper(I)-Catalyzed Ligation of Azides and Alkynes. Angewandte Chemie - International Edition, 2004, 43, 3928-3932.	11.6	1,138
429	Efficiency and Fidelity in a Click-Chemistry Route to Triazole Dendrimers by the Copper(I)-Catalyzed Ligation of Azides and Alkynes. Angewandte Chemie, 2004, 116, 4018-4022.	0.9	207
430	Titelbild: Efficiency and Fidelity in a Click-Chemistry Route to Triazole Dendrimers by the Copper(I)-Catalyzed Ligation of Azides and Alkynes (Angew. Chem. 30/2004). Angewandte Chemie, 2004, 116, 3951-3951.	0.9	6
431	Patterned nanoporous poly(methylsilsesquioxane) thin films: a potential high density substrate. Materials Science and Engineering C, 2004, 24, 487-490.	5.8	3
432	Scattering Study on the Selective Solvent Swelling Induced Surface Reconstruction. Macromolecules, 2004, 37, 2972-2977.	3.7	80

#	Article	IF	Citations
433	Dendronized Linear Polymers via "Click Chemistry". Journal of the American Chemical Society, 2004, 126, 15020-15021.	11.7	568
434	Templating of Silsesquioxane Cross-Linking Using Unimolecular Self-Organizing Polymers. Angewandte Chemie - International Edition, 2003, 42, 3785-3788.	11.6	44
435	Rod-coil block copolymers: An iterative synthetic approach via living free-radical procedures. Journal of Polymer Science Part A, 2003, 41, 3640-3656.	2.3	46
436	Nanoscale effects leading to non-Einstein-like decrease in viscosity. Nature Materials, 2003, 2, 762-766.	23.7	621
437	A Modular Approach toward Functionalized Three-Dimensional Macromolecules: From Synthetic Concepts to Practical Applications. Journal of the American Chemical Society, 2003, 125, 715-728.	11.7	314
438	Interfacial Energy Effects on the Electric Field Alignment of Symmetric Diblock Copolymers. Macromolecules, 2003, 36, 6178-6182.	3.7	95
439	Dendronized cyclocopolymers with a radial gradient of polarity and their use to catalyze a difficult esterification. Chemical Communications, 2003, , 2524-2525.	2.4	84
440	A Versatile Method for Tuning the Chemistry and Size of Nanoscopic Features by Living Free Radical Polymerization. Journal of the American Chemical Society, 2003, 125, 3831-3838.	11.7	181
441	Selective Sorption of Nanoporous Poly(methyl silsesquioxane). Chemistry of Materials, 2002, 14, 4628-4632.	4.6	13
442	Microphase Separation of Hybrid Dendron–Linear Diblock Copolymers into Ordered Structures. Macromolecules, 2002, 35, 8391-8399.	3.7	70
443	A Facile Approach to Architecturally Defined Nanoparticles via Intramolecular Chain Collapse. Journal of the American Chemical Society, 2002, 124, 8653-8660.	11.7	437
444	The Effect of Macromolecular Architecture in Nanomaterials: A Comparison of Site Isolation in Porphyrin Core Dendrimers and Their Isomeric Linear Analogues. Journal of the American Chemical Society, 2002, 124, 3926-3938.	11.7	151
445	A Simple Route to Metal Nanodots and Nanoporous Metal Films. Nano Letters, 2002, 2, 933-936.	6.2	243
446	Application of Complex Macromolecular Architectures for Advanced Microelectronic Materials. Chemistry - A European Journal, 2002, 8, 3308.	2.4	147
447	Anchoring of Liquid Crystals on Surface-Initiated Polymeric Brushes. ChemPhysChem, 2002, 3, 448.	1.5	14
448	Rheology of polybenzyl ether dendrimers their copolymer and blends. Materials Research Innovations, 2002, 6, 160-166.	1.4	5
449	Production of crosslinked, hollow nanoparticles by surface-initiated living free-radical polymerization. Journal of Polymer Science Part A, 2002, 40, 1309-1320.	2.3	193
450	Synthesis of lipo-glycopolymer amphiphiles by nitroxide-mediated living free-radical polymerization. Journal of Polymer Science Part A, 2002, 40, 3379-3391.	2.3	112

#	Article	IF	Citations
451	Synthesis of Polyethylene Graft Block Copolymers from Styrene, Butyl Acrylate, and Butadiene. Macromolecules, 2002, 35, 9246-9248.	3.7	41
452	New Polymer Synthesis by Nitroxide Mediated Living Radical Polymerizations. Chemical Reviews, 2001, 101, 3661-3688.	42.5	3,819
453	Acceleration in nitroxide mediated 'living' free radical polymerizations. Chemical Communications, 2001, , 823-824.	2.4	51
454	Chain End Functionalization in Nitroxide-Mediated "Living" Free Radical Polymerizations. Macromolecules, 2001, 34, 3856-3862.	3.7	89
455	High-Throughput Synthesis of Nanoscale Materials: Structural Optimization of Functionalized One-Step Star Polymers. Journal of the American Chemical Society, 2001, 123, 6461-6462.	11.7	182
456	Self-Encapsulation of Poly-2,7-fluorenes in a Dendrimer Matrix. Journal of the American Chemical Society, 2001, 123, 6965-6972.	11.7	289
457	A practical approach to the living polymerization of functionalized monomers: application to block copolymers and 3-dimensional macromolecular architectures. Macromolecular Symposia, 2001, 174, 85-92.	0.7	27
458	Stannous(II) trifluoromethane sulfonate: a versatile catalyst for the controlled ring-opening polymerization of lactides: Formation of stereoregular surfaces from polylactide "brushes". Journal of Polymer Science Part A, 2001, 39, 3529-3538.	2.3	79
459	Thermodynamic properties of dendrimers compared with linear polymers: General observations. Journal of Polymer Science, Part B: Polymer Physics, 2001, 39, 1766-1777.	2.6	26
460	Block copolymers as nanoscopic templates. Macromolecular Symposia, 2000, 159, 77-88.	0.7	26
461	Hybrid dendritic-linear graft copolymers: Steric considerations in ?coupling to? approach. , 2000, 38, 1033-1044.		68
462	Comments on ?Living Polymerization: Rationale for Uniform Terminology? by Darling et al.. Journal of Polymer Science Part A, 2000, 38, 1723-1724.	2.3	1
463	End-group fidelity in nitroxide-mediated living free-radical polymerizations. Journal of Polymer Science Part A, 2000, 38, 4749-4763.	2.3	128
464	Supramolecular Approaches to Nanoscale Dielectric Foams for Advanced Microelectronic Devices. MRS Bulletin, 2000, 25, 54-58.	3.5	72
465	Accurate Structural Control and Block Formation in the Living Polymerization of 1,3-Dienes by Nitroxide-Mediated Procedures. Macromolecules, 2000, 33, 363-370.	3.7	210
466	Reducing Substrate Pinning of Block Copolymer Microdomains with a Buffer Layer of Polymer Brushes. Macromolecules, 2000, 33, 857-865.	3.7	117
467	Manipulation of Surface Properties by Patterning of Covalently Bound Polymer Brushes. Journal of the American Chemical Society, 2000, 122, 1844-1845.	11.7	219
468	One-Step Formation of Functionalized Block Copolymers. Macromolecules, 2000, 33, 1505-1507.	3.7	195

#	Article	IF	Citations
469	Use of Stable Free Radicals for the Sequential Preparation and Surface Grafting of Functionalized Macroporous Monoliths. Macromolecules, 2000, 33, 7769-7775.	3.7	94
470	Using Atom Transfer Radical Polymerization To Amplify Monolayers of Initiators Patterned by Microcontact Printing into Polymer Brushes for Pattern Transfer. Macromolecules, 2000, 33, 597-605.	3.7	399
471	3-Dimensional dendritic macromolecules. Current Opinion in Colloid and Interface Science, 1999, 4, 117-121.	4.4	31
472	Stability and Molecular Conformation of Poly(benzyl ether) Monodendrons with Oligo(ethylene glycol) Tails at the Air–Water Interface. Langmuir, 1999, 15, 227-233.	3.0	81
473	Oberflächeninitiierte Polymerisation zur Verstärkung selbstorganisierter, durch Mikrokontakt-Druck gemusterter Monoschichten. Angewandte Chemie, 1999, 111, 685-687.	0.9	19
474	Surface-Initiated Polymerization for Amplification of Self-Assembled Monolayers Patterned by Microcontact Printing. Angewandte Chemie - International Edition, 1999, 38, 647-649.	11.6	239
475	Synthesis and Catalytic Activity of Unimolecular Dendritic Reverse Micelles with “Internal” Functional Groups. Journal of the American Chemical Society, 1999, 121, 9471-9472.	11.7	208
476	Development of a Universal Alkoxyamine for “Living” Free Radical Polymerizations. Journal of the American Chemical Society, 1999, 121, 3904-3920.	11.7	1,051
477	Controlled Synthesis of Polymer Brushes by “Living” Free Radical Polymerization Techniques. Macromolecules, 1999, 32, 1424-1431.	3.7	915
478	Low-Dielectric, Nanoporous Organosilicate Films Prepared via Inorganic/Organic Polymer Hybrid Templates. Chemistry of Materials, 1999, 11, 3080-3085.	4.6	219
479	Adhesion of Polymer Interfaces Reinforced with Random and Diblock Copolymers as a Function of Geometry. Macromolecules, 1999, 32, 6254-6260.	3.7	46
480	A versatile and efficient synthesis of alkoxyamine LFR initiators via manganese based asymmetric epoxidation catalysts. Journal of Polymer Science Part A, 1998, 36, 2161-2167.	2.3	112
481	Highly branched radial block copolymers via dendritic initiation of aliphatic polyesters. Journal of Polymer Science Part A, 1998, 36, 2793-2798.	2.3	55
482	Simultane doppelte lebende Polymerisationen – ein neuer einstufiger Zugang zu Block- und Pfropf-Copolymeren. Angewandte Chemie, 1998, 110, 1306-1309.	0.9	13
483	Simultaneous Dual Living Polymerizations: A Novel One-Step Approach to Block and Graft Copolymers. Angewandte Chemie - International Edition, 1998, 37, 1274-1276.	11.6	216
484	Biosynthesis of porphyrins and related macrocycles. Part 50.1 Synthesis of the N-formyl-dihydro analogue of the spiro-intermediate and its interaction with uroporphyrinogen III synthase. Journal of the Chemical Society Perkin Transactions 1, 1998, , 1531-1540.	1.0	10
485	Synthesis of Poly(olefin) Graft Copolymers by a Combination of Metallocene and “Living” Free Radical Polymerization Techniques. Macromolecules, 1998, 31, 4396-4398.	3.7	132
486	Biosynthesis of porphyrins and related macrocycles. Part 47.1,2 Synthesis and chemistry of 2H-pyrroles (pyrrolenines) related to the proposed spiro-intermediate for porphyrin biosynthesis. Journal of the Chemical Society Perkin Transactions 1, 1998, , 1493-1508.	1.0	8

#	Article	IF	Citations
487	Biosynthesis of porphyrins and related macrocycles. Part 48.1,2 The rearrangement of 2H-pyrroles (pyrrolenines) related to the proposed spiro-intermediate for porphyrin biosynthesis. Journal of the Chemical Society Perkin Transactions 1, 1998, , 1509-1518.	1.0	8
488	Biosynthesis of porphyrins and related macrocycles. Part 49.1 Exploration of synthetic routes to analogues of the spiro-intermediate for porphyrin biosynthesis. Journal of the Chemical Society Perkin Transactions 1, 1998, , 1519-1530.	1.0	7
489	A Mild and Versatile Synthesis for the Preparation of Thiol-Functionalized Polymers. Macromolecules, 1998, 31, 5960-5963.	3.7	49
490	Vapor–Liquid Equilibria for Solutions of Dendritic Polymers. Journal of Chemical & Engineering Data, 1998, 43, 541-550.	1.8	38
491	Dual Living Free Radical and Ring Opening Polymerizations from a Double-Headed Initiator. Macromolecules, 1998, 31, 213-219.	3.7	201
492	The Melt Viscosity of Dendritic Poly(benzyl ether) Macromolecules. Macromolecules, 1998, 31, 5043-5050.	3.7	95
493	“Living” Free Radical Polymerization: A Unique Technique for the Preparation of Controlled Macromolecular Architectures. Accounts of Chemical Research, 1997, 30, 373-382.	11.6	367
494	Exact Linear Analogs of Dendritic Polyether Macromolecules: Design, Synthesis, and Unique Properties. Journal of the American Chemical Society, 1997, 119, 9903-9904.	11.7	201
495	“Living” Free-Radical Polymerizations in the Absence of Initiators: Controlled Autopolymerization. Macromolecules, 1997, 30, 1929-1934.	3.7	125
496	Development of a new class of rate-accelerating additives for nitroxide-mediated ‘living’ free radical polymerization. Tetrahedron, 1997, 53, 15225-15236.	1.4	109
497	A Tandem Approach to Graft and Dendritic Graft Copolymers Based on“Living” Free Radical Polymerizations. Angewandte Chemie International Edition in English, 1997, 36, 270-272.	4.7	190
498	Eine Tandem-Strategie zur Herstellung von Pfropf- und dendrimerartigen Pfropfcopolymeren durch „lebende” radikalische Polymerisation. Angewandte Chemie, 1997, 109, 261-264.	0.9	8
499	“Living” free radical polymerization of macromonomers: Preparation of well defined graft copolymers. Macromolecular Chemistry and Physics, 1997, 198, 155-166.	1.9	119
500	Intramolecular cyclization in hyperbranched polyesters. Journal of Polymer Science Part A, 1997, 35, 1627-1633.	2.3	56
501	Dendritic Initiators for “Living” Radical Polymerizations: A Versatile Approach to the Synthesis of Dendritic-Linear Block Copolymers. Journal of the American Chemical Society, 1996, 118, 11111-11118.	11.7	164
502	Hyperbranched Poly(ether ketones): Manipulation of Structure and Physical Properties. Macromolecules, 1996, 29, 4370-4380.	3.7	213
503	Hyperbranched Poly(ethylene glycol)s: A New Class of Ion-Conducting Materials. Macromolecules, 1996, 29, 3831-3838.	3.7	185
504	Radical Crossover in Nitroxide Mediated “Living” Free Radical Polymerizations. Journal of the American Chemical Society, 1996, 118, 11467-11471.	11.7	184

#	Article	IF	Citations
505	Initiating Systems for Nitroxide-Mediated "Living" Free Radical Polymerizations: Synthesis and Evaluation. Macromolecules, 1996, 29, 5245-5254.	3.7	356
506	Dendrimers and Hyperbranched Polymers: Two Families of Three-Dimensional Macromolecules with Similar but Clearly Distinct Properties. Journal of Macromolecular Science - Pure and Applied Chemistry, 1996, 33, 1399-1425.	1.4	276
507	Polymer Mobility in Thin Films. Macromolecules, 1996, 29, 6531-6534.	3.7	348
508	Kontrolle der Molekülarchitektur in lebenden radikalischen Polymerisationen: Herstellung von Stern- und Pfropfpolymeren. Angewandte Chemie, 1995, 107, 1623-1627.	0.9	13
509	Architectural Control in"Living" Free Radical Polymerizations: Preparation of Star and Graft Polymers. Angewandte Chemie International Edition in English, 1995, 34, 1456-1459.	4.7	251
510	Hyperbranched polyphenylene and hyperbranched polyesters: new soluble, three-dimensional, reactive polymers. Reactive and Functional Polymers, 1995, 26, 127-136.	3.7	83
511	Molecular Ball Bearings: The Unusual Melt Viscosity Behavior of Dendritic Macromolecules. Journal of the American Chemical Society, 1995, 117, 4409-4410.	11.7	230
512	Accurate Control of Chain Ends by a Novel "Living" Free-Radical Polymerization Process. Macromolecules, 1995, 28, 2993-2995.	3.7	187
513	Preparation of Hyperbranched and Star Polymers by a "Living", Self-Condensing Free Radical Polymerization. Journal of the American Chemical Society, 1995, 117, 10763-10764.	11.7	556
514	A "Branched-Monomer Approach" for the Rapid Synthesis of Dendimers. Angewandte Chemie International Edition in English, 1994, 33, 82-85.	4.7	130
515	Verzweigte Monomere als Quelle für einen schnelleren Zugang zu Dendrimeren. Angewandte Chemie, 1994, 106, 123-126.	0.9	26
516	Influence of shape on the reactivity and properties of dendritic, hyperbranched and linear aromatic polyesters. Polymer, 1994, 35, 4489-4495.	3.4	216
517	The Synthesis and Characterization of a Self-Assembling Amphiphilic Fullerene. Journal of Organic Chemistry, 1994, 59, 3503-3505.	2.3	112
518	Molecular Weight Control by a "Living" Free-Radical Polymerization Process. Journal of the American Chemical Society, 1994, 116, 11185-11186.	11.7	593
519	The Convergent Route to Globular Dendritic Macromolecules: A Versatile Approach to Precisely Functionauzed Three-Dimensional Polymers and Novel Block Copolymers. Journal of Macromolecular Science - Pure and Applied Chemistry, 1994, 31, 1627-1645.	1.4	51
520	Dendritic fullerenes; a new approach to polymer modification of C60. Journal of the Chemical Society Chemical Communications, 1994, , 925-926.	1.9	105
521	A Simple and Versatile Method for the Synthesis of C60 Copolymers. Macromolecules, 1994, 27, 4836-4837.	3.7	166
522	Novel macromolecular architectures: Globular block copolymers containing dendritic components. Macromolecular Symposia, 1994, 77, 11-20.	0.7	24

#	Article	IF	Citations
523	A versatile synthesis of isomeric hyperbranched polyetherketones. Polymer Bulletin, 1993, 30, 265-272.	2.4	79
524	A versatile new method for structure determination in hyperbranched macromolecules. Journal of the Chemical Society Perkin Transactions 1, 1993, , 2717.	1.0	76
525	Biosynthesis of porphyrins and related macrocycles. Part 40. Synthesis of a spiro-lactam related to the proposed spiro-intermediate for porphyrin biosynthesis: inhibition of cosynthetase. Journal of the Chemical Society Perkin Transactions 1, 1993, , 2875.	1.0	20
526	Solvatochromism as a probe of the microenvironment in dendritic polyethers: transition from an extended to a globular structure. Journal of the American Chemical Society, 1993, 115, 4375-4376.	11.7	231
527	Unimolecular micelles and globular amphiphiles: dendritic macromolecules as novel recyclable solubilization agents. Journal of the Chemical Society Perkin Transactions 1, 1993, , 1287-1297.	1.0	473
528	Synthesis and properties of novel linear-dendritic block copolymers. Reactivity of dendritic macromolecules toward linear polymers. Macromolecules, 1993, 26, 5621-5627.	3.7	172
529	Unsymmetrical three-dimensional macromolecules: preparation and characterization of strongly dipolar dendritic macromolecules. Journal of the American Chemical Society, 1993, 115, 11496-11505.	11.7	145
530	Monodispersed dendritic polyesters with removable chain ends: a versatile approach to globular macromolecules with chemically reversible polarities. Journal of the Chemical Society Perkin Transactions 1, 1992, , 2459-2469.	1.0	91
531	Unusual macromolecular architectures: the convergent growth approach to dendritic polyesters and novel block copolymers. Journal of the American Chemical Society, 1992, 114, 8405-8413.	11.7	181
532	Hyperbranched macromolecules via a novel double-stage convergent growth approach. Journal of the American Chemical Society, 1991, 113, 4252-4261.	11.7	379
533	Selenomethylpyrroles: their use for synthesis of dipyrrylmethanes (dipyrrins), tripyranes and bilanes. Journal of the Chemical Society Perkin Transactions 1, 1991, , 1833.	1.0	3
534	Polymers with controlled molecular architecture: control of surface functionality in the synthesis of dendritic hyperbranched macromolecules using the convergent approach. Journal of the Chemical Society Perkin Transactions 1, 1991, , 1059-1076.	1.0	123
535	Synthesis and X-ray structure of trimethyl[2,4,6-tri(1,1-dimethylethyl)benzene] 1,3,5-tricarboxylate. Zeitschrift Für Kristallographie, 1990, 193, 149-154.	1.0	0
536	Control of surface functionality in the synthesis of dendritic macromolecules using the convergent-growth approach. Macromolecules, 1990, 23, 4726-4729.	3.7	180
537	A new convergent approach to monodisperse dendritic macromolecules. Journal of the Chemical Society Chemical Communications, 1990, , 1010-1013.	1.9	469
538	Preparation of polymers with controlled molecular architecture. A new convergent approach to dendritic macromolecules. Journal of the American Chemical Society, 1990, 112, 7638-7647.	11.7	2,392
539	Selectivity in the rearrangement of a di(pyrrolylmethyl)-2H-pyrrole. Journal of the Chemical Society Chemical Communications, 1987, , 1313.	1.9	4
540	Rapid Generation of Block Copolymer Libraries Using Automated Chromatographic Separation. Journal of the American Chemical Society, 0, , .	11.7	35

#	Article	IF	Citations
541	Radical-Free Digital Light Processing 3D Printing of Hydrogels Using a Photo-Caged Cyclopentadiene Diels–Alder Strategy. Advanced Functional Materials, 0, 36, .	11.9	7
542	Controlled Synthesis of Lipoate Homopolymers via Reversible Addition–Fragmentation Chain Transfer Polymerization. Journal of the American Chemical Society, 0, 147, 38796-38806.	11.7	23
543	Pendent No More: Direct Backbone Integration of Stenhouse Salt Enables Multi-Responsive Commodity Polyurethanes. Angewandte Chemie, 0, 137, .	0.9	1
544	Pendent No More: Direct Backbone Integration of Stenhouse Salt Enables Multi-Responsive Commodity Polyurethanes. Angewandte Chemie - International Edition, 0, 64, .	11.6	5
545	Elasticity and Cooperative Ion Motion in a Polymeric Ionic Liquid Loaded with Li Salt. ACS Macro Letters, 0, 14, 1668-1674.	3.2	2
546	Data-Efficient Methods for Determining Flory–Huggins χ Parameters in Multicomponent Polymer Formulations. Macromolecules, 0, 58, 12678-12692.	3.7	6
547	Topology-Dependent Polymer Stretching and Scission in Solution at Extreme Shear Rates. ACS Polymers Au, 0, 6, 194-202.	4.1	2
548	Light-Induced Copolymerization of Ethyl Lipoate and Vinyl Monomers: Increased Efficiency and Degradability. Macromolecules, 0, 58, 13288-13299.	3.7	20
549	Amphiphilic Fluorinated Block Copolymer Additives for Ultrastable Aqueous Zn-Ion Batteries. Journal of the American Chemical Society, 0, 148, 448-460.	11.7	24
550	From Lipoic Acid to 1,2-Dithianes: Expanding Radical Ring-Opening to Less-Activated Monomers Such as Vinyl Acetate. Journal of the American Chemical Society, 0, 148, 9680-9687.	11.7	8
551	Light-Programmable Morphology in Photothermal Polyurethanes Based on Stenhouse Salt as Photothermal Agent. Journal of the American Chemical Society, 0, 148, 22140-22146.	11.7	0
552	3D-Printable Nanoporous Thermosets via Disulfide-Based Polymerization-Induced Microphase Separation. Angewandte Chemie, 0, 138, .	0.9	1
553	3D-Printable Nanoporous Thermosets via Disulfide-Based Polymerization-Induced Microphase Separation. Angewandte Chemie - International Edition, 0, 65, .	11.6	2
554	Outside Front Cover: 3D-Printable Nanoporous Thermosets Via Disulfide-Based Polymerization-Induced Microphase Separation (Angew. Chem. Int. Ed. 33/2026). Angewandte Chemie - International Edition, 0, 65, .	11.6	0
555	Outside Front Cover: 3D-Printable Nanoporous Thermosets Via Disulfide-Based Polymerization-Induced Microphase Separation (Angew. Chem. 33/2026). Angewandte Chemie, 0, 138, .	0.9	0
556	Closed-Loop Recyclable Solid Polymer Electrolytes via Dynamic Lipoate Cross-Linking. Angewandte Chemie - International Edition, 0, , .	11.6	0
557	Closed-Loop Recyclable Solid Polymer Electrolytes via Dynamic Lipoate Cross-Linking. Angewandte Chemie, 0, , .	0.9	0
558	Embedding diazirine-based carbene precursors into polyolefins via catalyst-tuned olefin metathesis. Polymer Chemistry, 0, , .	2.7	0

#	Article	IF	Citations
559	Green Light-Driven, Oxygen-Tolerant Photoinduced Electron/Energy Transfer Reversible Addition-Fragmentation Chain Transfer Polymerization of Lipoic Acid with Maleimide and Vinyl Ethers. Macromolecules, 0, , .	3.7	0