Jeremiah A Johnson

List of Publications by Year
in descending order

138	12,609	22099	25716
papers	citations	59 h-index	108 g-index

153	153	153	11507
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Light-Controlled Radical Polymerization: Mechanisms, Methods, and Applications. Chemical Reviews, 2016, 116, 10167-10211.	23.0	883
2	Quantifying the impact of molecular defects on polymer network elasticity. Science, 2016, 353, 1264-1268.	6.0	360
3	A Convergent Synthetic Platform for Single-Nanoparticle Combination Cancer Therapy: Ratiometric Loading and Controlled Release of Cisplatin, Doxorubicin, and Camptothecin. Journal of the American Chemical Society, 2014, 136, 5896-5899.	6.6	338
4	Toward the Syntheses of Universal Ligands for Metal Oxide Surfaces:Â Controlling Surface Functionality through Click Chemistry. Journal of the American Chemical Society, 2006, 128, 11356-11357.	6.6	330
5	Ultra-high-voltage Ni-rich layered cathodes in practical Li metal batteries enabled by a sulfonamide-based electrolyte. Nature Energy, 2021, 6, 495-505.	19.8	323
6	Core-Clickable PEG-Branch-Azide Bivalent-Bottle-Brush Polymers by ROMP: Grafting-Through and Clicking-To. Journal of the American Chemical Society, 2011, 133, 559-566.	6.6	320
7	Construction of Linear Polymers, Dendrimers, Networks, and Other Polymeric Architectures by Copperâ€Catalyzed Azideâ€Alkyne Cycloaddition â€œClickâ€•Chemistry. Macromolecular Rapid Communications, 2008, 29, 1052-1072.	2.0	302
8	Iterative exponential growth of stereo- and sequence-controlled polymers. Nature Chemistry, 2015, 7, 810-815.	6.6	296
9	Drug-Loaded, Bivalent-Bottle-Brush Polymers by Graft-through ROMP. Macromolecules, 2010, 43, 10326-10335.	2.2	289
10	Residue-specific incorporation of non-canonical amino acids into proteins: recent developments and applications. Current Opinion in Chemical Biology, 2010, 14, 774-780.	2.8	284
11	Carbene Ligands in Surface Chemistry: From Stabilization of Discrete Elemental Allotropes to Modification of Nanoscale and Bulk Substrates. Chemical Reviews, 2015, 115, 11503-11532.	23.0	267
12	Photoswitching topology in polymer networks with metalâ€“organic cages as crosslinks. Nature, 2018, 560, 65-69.	13.7	266
13	Cleavable comonomers enable degradable, recyclable thermoset plastics. Nature, 2020, 583, 542-547.	13.7	253
14	Highly branched and loop-rich gels via formation of metalâ€“organic cages linked by polymers. Nature Chemistry, 2016, 8, 33-41.	6.6	234
15	Redox-responsive branched-bottlebrush polymers for in vivo MRI and fluorescence imaging. Nature Communications, 2014, 5, 5460.	5.8	231
16	Addressable Carbene Anchors for Gold Surfaces. Journal of the American Chemical Society, 2013, 135, 7418-7421.	6.6	217
17	Synthesis of Degradable Model Networks via ATRP and Click Chemistry. Journal of the American Chemical Society, 2006, 128, 6564-6565.	6.6	214
18	Hyperbranched fluoropolymer and linear poly(ethylene glycol) based amphiphilic crosslinked networks as efficient antifouling coatings: An insight into the surface compositions, topographies, and morphologies. Journal of Polymer Science Part A, 2004, 42, 6193-6208.	2.5	206

#	Article	IF	Citations
19	FSI-inspired solvent and â€œfull fluorosulfonylâ€•electrolyte for 4 V class lithium-metal batteries. Energy and Environmental Science, 2020, 13, 212-220.	15.6	198
20	Polymer Networks: From Plastics and Gels to Porous Frameworks. Angewandte Chemie - International Edition, 2020, 59, 5022-5049.	7.2	194
21	Visible-Light-Controlled Living Radical Polymerization from a Trithiocarbonate Iniferter Mediated by an Organic Photoredox Catalyst. ACS Macro Letters, 2015, 4, 566-569.	2.3	191
22	Counting primary loops in polymer gels. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 19119-19124.	3.3	189
23	Application of ¹H DOSY for Facile Measurement of Polymer Molecular Weights. Macromolecules, 2012, 45, 9595-9603.	2.2	175
24	Copper-free click chemistry for the in situ crosslinking of photodegradable star polymers. Chemical Communications, 2008, , 3064.	2.2	169
25	Scalable synthesis of sequence-defined, unimolecular macromolecules by Flow-IEG. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 10617-10622.	3.3	161
26	Photoâ€controlled Growth of Telechelic Polymers and Endâ€linked Polymer Gels. Angewandte Chemie - International Edition, 2013, 52, 2235-2238.	7.2	158
27	PEGylated N-Heterocyclic Carbene Anchors Designed To Stabilize Gold Nanoparticles in Biologically Relevant Media. Journal of the American Chemical Society, 2015, 137, 7974-7977.	6.6	152
28	Synthesis of Photocleavable Linear Macromonomers by ATRP and Star Macromonomers by a Tandem ATRPâ"Click Reaction:Â Precursors to Photodegradable Model Networks. Macromolecules, 2007, 40, 3589-3598.	2.2	148
29	Graft-through Synthesis and Assembly of Janus Bottlebrush Polymers from A-Branch-B Diblock Macromonomers. Journal of the American Chemical Society, 2016, 138, 11501-11504.	6.6	146
30	Living Additive Manufacturing: Transformation of Parent Gels into Diversely Functionalized Daughter Gels Made Possible by Visible Light Photoredox Catalysis. ACS Central Science, 2017, 3, 124-134.	5.3	146
31	Molecular Characterization of Polymer Networks. Chemical Reviews, 2021, 121, 5042-5092.	23.0	140
32	Some hydrogels having novel molecular structures. Progress in Polymer Science, 2010, 35, 332-337.	11.8	137
33	BigSMILES: A Structurally-Based Line Notation for Describing Macromolecules. ACS Central Science, 2019, 5, 1523-1531.	5.3	134
34	Tailored silyl ether monomers enable backbone-degradable polynorbornene-based linear, bottlebrush and star copolymers through ROMP. Nature Chemistry, 2019, 11, 1124-1132.	6.6	129
35	A (Macro)Molecular-Level Understanding of Polymer Network Topology. Trends in Chemistry, 2019, 1, 318-334.	4.4	127
36	Nitroxide-Based Macromolecular Contrast Agents with Unprecedented Transverse Relaxivity and Stability for Magnetic Resonance Imaging of Tumors. ACS Central Science, 2017, 3, 800-811.	5.3	126

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37	Toughening hydrogels through force-triggered chemical reactions that lengthen polymer strands. Science, 2021, 374, 193-196.	6.0	124
38	Improving photo-controlled living radical polymerization from trithiocarbonates through the use of continuous-flow techniques. Chemical Communications, 2015, 51, 6742-6745.	2.2	117
39	Logic-Controlled Radical Polymerization with Heat and Light: Multiple-Stimuli Switching of Polymer Chain Growth via a Recyclable, Thermally Responsive Gel Photoredox Catalyst. Journal of the American Chemical Society, 2017, 139, 2257-2266.	6.6	114
40	Robust gold nanorods stabilized by bidentate N-heterocyclic-carbeneâ€“thiolate ligands. Nature Chemistry, 2019, 11, 57-63.	6.6	109
41	Iterative Exponential Growth Synthesis and Assembly of Uniform Diblock Copolymers. Journal of the American Chemical Society, 2016, 138, 9369-9372.	6.6	107
42	â€œBrush-Firstâ€•Method for the Parallel Synthesis of Photocleavable, Nitroxide-Labeled Poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10	6.6	106
43	Universal Cyclic Topology in Polymer Networks. Physical Review Letters, 2016, 116, 188302.	2.9	89
44	Synthesis of Acid-Labile PEG and PEG-Doxorubicin-Conjugate Nanoparticles via Brush-First ROMP. ACS Macro Letters, 2014, 3, 854-857.	2.3	86
45	Loops versus Branch Functionality in Model Click Hydrogels. Macromolecules, 2015, 48, 8980-8988.	2.2	86
46	Stabilizing electrodeâ€“electrolyte interfaces to realize high-voltage Li||LiCoO₂ batteries by a sulfonamide-based electrolyte. Energy and Environmental Science, 2021, 14, 6030-6040.	15.6	84
47	Crossover Experiments Applied to Network Formation Reactions: Improved Strategies for Counting Elastically Inactive Molecular Defects in PEG Gels and Hyperbranched Polymers. Journal of the American Chemical Society, 2014, 136, 9464-9470.	6.6	82
48	Janus Graft Block Copolymers: Design of a Polymer Architecture for Independently Tuned Nanostructures and Polymer Properties. Angewandte Chemie - International Edition, 2018, 57, 8493-8497.	7.2	79
49	EPR Study of Spin Labeled Brush Polymers in Organic Solvents. Journal of the American Chemical Society, 2011, 133, 19953-19959.	6.6	76
50	Evolution of Toll-like receptor 7/8 agonist therapeutics and their delivery approaches: From antiviral formulations to vaccine adjuvants. Advanced Drug Delivery Reviews, 2021, 175, 113803.	6.6	76
51	Clip Chemistry: Diverse (Bio)(macro)molecular and Material Function through Breaking Covalent Bonds. Chemical Reviews, 2021, 121, 7059-7121.	23.0	75
52	Topological Structure of Networks Formed from Symmetric Four-Arm Precursors. Macromolecules, 2018, 51, 1224-1231.	2.2	72
53	Supramolecular Regulation of Anions Enhances Conductivity and Transference Number of Lithium in Liquid Electrolytes. Journal of the American Chemical Society, 2018, 140, 10932-10936.	6.6	70
54	Semibatch monomer addition as a general method to tune and enhance the mechanics of polymer networks via loop-defect control. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 4875-4880.	3.3	67

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55	Dual Role for 1,2,4,5-Tetrazines in Polymer Networks: Combining Dielsâ€“Alder Reactions and Metal Coordination To Generate Functional Supramolecular Gels. ACS Macro Letters, 2015, 4, 458-461.	2.3	65
56	Block Co-PolyMOCs by Stepwise Self-Assembly. Journal of the American Chemical Society, 2016, 138, 10708-10715.	6.6	65
57	Kinetic Monte Carlo Simulation for Quantification of the Gel Point of Polymer Networks. ACS Macro Letters, 2017, 6, 1414-1419.	2.3	64
58	Toward Designing Highly Conductive Polymer Electrolytes by Machine Learning Assisted Coarse-Grained Molecular Dynamics. Chemistry of Materials, 2020, 32, 4144-4151.	3.2	63
59	Star PolyMOCs with Diverse Structures, Dynamics, and Functions by Threeâ€Component Assembly. Angewandte Chemie - International Edition, 2017, 56, 188-192.	7.2	62
60	Reactions of Persistent Carbenes with Hydrogen-Terminated Silicon Surfaces. Journal of the American Chemical Society, 2016, 138, 8639-8652.	6.6	61
61	Stereochemical Sequence Dictates Unimolecular Diblock Copolymer Assembly. Journal of the American Chemical Society, 2018, 140, 1596-1599.	6.6	61
62	Counting Secondary Loops Is Required for Accurate Prediction of End-Linked Polymer Network Elasticity. ACS Macro Letters, 2018, 7, 244-249.	2.3	60
63	Photoswitchable Solâ€“Gel Transitions and Catalysis Mediated by Polymer Networks with Coumarinâ€Decorated Cu₂₄L₂₄ Metalâ€“Organic Cages as Junctions. Angewandte Chemie - International Edition, 2020, 59, 2784-2792.	7.2	58
64	Inelastic neutron scattering of a quantum translator-rotator encapsulated in a closed fullerene cage: Isotope effects and translation-rotation coupling in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mtext>H</mml:mtext><mml:mn>2</mml:mn></mml:msub><mml:mo>@</mml:mo><xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow. Physical Review B, 2010, 82, .	1.1	57
65	Revisiting the Elasticity Theory for Real Gaussian Phantom Networks. Macromolecules, 2019, 52, 1685-1694.	2.2	57
66	Triply Loaded Nitroxide Brush-Arm Star Polymers Enable Metal-Free Millimetric Tumor Detection by Magnetic Resonance Imaging. ACS Nano, 2018, 12, 11343-11354.	7.3	56
67	Polyoxazoline-Based Bottlebrush and Brush-Arm Star Polymers via ROMP: Syntheses and Applications as Organic Radical Contrast Agents. ACS Macro Letters, 2019, 8, 473-478.	2.3	55
68	Templated Self-Assembly of a PS-Branch-PDMS Bottlebrush Copolymer. Nano Letters, 2018, 18, 4360-4369.	4.5	54
69	Molecular Design of Stable Sulfamide- and Sulfonamide-Based Electrolytes for Aprotic Li-O2 Batteries. CheM, 2019, 5, 2630-2641.	5.8	53
70	Molecularly Tunable Polyanions for Single-Ion Conductors and Poly(solvate ionic liquids). Chemistry of Materials, 2021, 33, 524-534.	3.2	53
71	Cleavable Comonomers for Chemically Recyclable Polystyrene: A General Approach to Vinyl Polymer Circularity. Journal of the American Chemical Society, 2022, 144, 12979-12988.	6.6	53
72	Oddâ€“Even Effect of Junction Functionality on the Topology and Elasticity of Polymer Networks. Macromolecules, 2017, 50, 2556-2564.	2.2	51

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73	Brushâ€First Synthesis of Coreâ€Photodegradable Miktoarm Star Polymers via ROMP: Towards Photoresponsive Selfâ€Assemblies. Macromolecular Rapid Communications, 2014, 35, 168-173.	2.0	50
74	Polymer Structure Dependent Hierarchy in PolyMOC Gels. Macromolecules, 2016, 49, 6896-6902.	2.2	48
75	Using EPR To Compare PEG-branch-nitroxide â€œBivalent-Brush Polymersâ€•and Traditional PEG Bottleâ€“Brush Polymers: Branching Makes a Difference. Macromolecules, 2012, 45, 8310-8318.	2.2	46
76	Inelastic neutron scattering investigations of the quantum molecular dynamics of a H<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>molecule entrapped inside a fullerene cage. Physical Review B, 2012, 85, .	1.1	45
77	Using an RNAi Signature Assay To Guide the Design of Three-Drug-Conjugated Nanoparticles with Validated Mechanisms, In Vivo Efficacy, and Low Toxicity. Journal of the American Chemical Society, 2016, 138, 12494-12501.	6.6	44
78	Block co-polyMOFs: assembly of polymerâ€“polyMOF hybrids via iterative exponential growth and â€œclickâ€•chemistry. Polymer Chemistry, 2017, 8, 4488-4493.	1.9	44
79	PolyMOF Nanoparticles: Dual Roles of a Multivalent polyMOF Ligand in Size Control and Surface Functionalization. Angewandte Chemie - International Edition, 2019, 58, 16676-16681.	7.2	44
80	Bottlebrush polymers with flexible enantiomeric side chains display differential biological properties. Nature Chemistry, 2022, 14, 85-93.	6.6	43
81	Scalable Synthesis of Multivalent Macromonomers for ROMP. ACS Macro Letters, 2018, 7, 472-476.	2.3	42
82	Visible-light-mediated, additive-free, and open-to-air controlled radical polymerization of acrylates and acrylamides. Polymer Chemistry, 2019, 10, 1585-1590.	1.9	42
83	Mikto-Brush-Arm Star Polymers via Cross-Linking of Dissimilar Bottlebrushes: Synthesis and Solution Morphologies. ACS Macro Letters, 2017, 6, 963-968.	2.3	41
84	Tailoring the structure of polymer networks with iniferter-mediated photo-growth. Polymer Chemistry, 2016, 7, 2955-2964.	1.9	40
85	ABC triblock bottlebrush copolymer-based injectable hydrogels: design, synthesis, and application to expanding the therapeutic index of cancer immunochemotherapy. Chemical Science, 2020, 11, 5974-5986.	3.7	40
86	Reduction of (Meth)acrylate-Based Block Copolymers Provides Access to Self-Assembled Materials with Ultrasmall Domains. Macromolecules, 2018, 51, 6757-6763.	2.2	34
87	Mapping a stable solvent structure landscape for aprotic Liâ€“air battery organic electrolytes. Journal of Materials Chemistry A, 2017, 5, 23987-23998.	5.2	33
88	Counting loops in sidechain-crosslinked polymers from elastic solids to single-chain nanoparticles. Chemical Science, 2019, 10, 5332-5337.	3.7	33
89	A Magnetic Switch for Spin-Catalyzed Interconversion of Nuclear Spin Isomers. Journal of the American Chemical Society, 2010, 132, 4042-4043.	6.6	32
90	Quantum rotation and translation of hydrogen molecules encapsulated inside C ₆₀ : temperature dependence of inelastic neutron scattering spectra. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2013, 371, 20110627.	1.6	32

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91	Molecularly Designed Additives for Chemically Deconstructable Thermosets without Compromised Thermomechanical Properties. ACS Macro Letters, 2021, 10, 805-810.	2.3	31
92	Sub-10 nm Self-Assembly of Mesogen-Containing Grafted Macromonomers and Their Bottlebrush Polymers. Macromolecules, 2018, 51, 3680-3690.	2.2	29
93	Brushâ€first and Click: Efficient Synthesis of Nanoparticles that Degrade and Release Doxorubicin in Response to Light. Photochemistry and Photobiology, 2014, 90, 380-385.	1.3	28
94	Leaving Groups as Traceless Topological Modifiers for the Synthesis of Topologically Isomeric Polymer Networks. Journal of the American Chemical Society, 2018, 140, 14033-14037.	6.6	27
95	Antibody-targeting of ultra-small nanoparticles enhances imaging sensitivity and enables longitudinal tracking of multiple myeloma. Nanoscale, 2019, 11, 20485-20496.	2.8	27
96	Effect of Chemical Variations in the Structure of Poly(ethylene oxide)-Based Polymers on Lithium Transport in Concentrated Electrolytes. Chemistry of Materials, 2020, 32, 121-126.	3.2	27
97	Fluorinated Aryl Sulfonimide Tagged (FAST) salts: modular synthesis and structureâ€“property relationships for battery applications. Energy and Environmental Science, 2018, 11, 1326-1334.	15.6	26
98	Reduction of liver fibrosis by rationally designed macromolecular telmisartan prodrugs. Nature Biomedical Engineering, 2018, 2, 822-830.	11.6	26
99	Endohedrally Functionalized Metalâ€“Organic Cage-Cross-Linked Polymer Gels as Modular Heterogeneous Catalysts. Journal of the American Chemical Society, 2022, 144, 13276-13284.	6.6	24
100	Synthetic Glycomacromolecules of Defined Valency, Absolute Configuration, and Topology Distinguish between Human Lectins. Jacs Au, 2021, 1, 1621-1630.	3.6	23
101	Brushâ€First ROMP of poly(ethylene oxide) macromonomers of varied length: impact of polymer architecture on thermal behavior and Li⁺ conductivity. Journal of Polymer Science Part A, 2019, 57, 448-455.	2.5	22
102	Cycloelimination of Imidazolidinâ€2â€ylidene Nâ€Heterocyclic Carbenes: Mechanism and Insights into the Synthesis of Stable â€œNHCâ€CDIâ€•Amidinates. Chemistry - A European Journal, 2015, 21, 5685-5688.	1.7	21
103	Photo-regeneration of severed gel with iniferter-mediated photo-growth. Soft Matter, 2017, 13, 1978-1987.	1.2	20
104	Brush-First and ROMP-Out with Functional (Macro)monomers: Method Development, Structural Investigations, and Applications of an Expanded Brush-Arm Star Polymer Platform. Macromolecules, 2018, 51, 9861-9870.	2.2	20
105	Hot lithium-oxygen batteries charge ahead. Science, 2018, 361, 758-758.	6.0	20
106	Pro-organic radical contrast agents (â€œpro-ORCAsâ€) for real-time MRI of pro-drug activation in biological systems. Polymer Chemistry, 2020, 11, 4768-4779.	1.9	20
107	Synthesis of Model Network Hydrogels via Tetrazineâ€<scp>O</scp>lefin Inverse Electron Demand Dielsâ€<scp>A</scp>lder Cycloaddition. Macromolecular Symposia, 2013, 329, 108-112.	0.4	19
108	Main-Chain Zwitterionic Supramolecular Polymers Derived from N-Heterocyclic Carbeneâ€“Carbodiimide (NHCâ€“CDI) Adducts. Macromolecules, 2018, 51, 3006-3016.	2.2	19

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109	Influence of rare-earth ions on SiO₂â€“Na₂Oâ€“RE₂O₃glass structure. Journal of Physics Condensed Matter, 2011, 23, 065404.	0.7	18
110	Design of BET Inhibitor Bottlebrush Prodrugs with Superior Efficacy and Devoid of Systemic Toxicities. Journal of the American Chemical Society, 2021, 143, 4714-4724.	6.6	18
111	Accelerating amorphous polymer electrolyte screening by learning to reduce errors in molecular dynamics simulated properties. Nature Communications, 2022, 13, .	5.8	18
112	Reply to Stadler: Combining network disassembly spectrometry with rheology/spectroscopy. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E1973.	3.3	17
113	Star PolyMOCs with Diverse Structures, Dynamics, and Functions by Threeâ€Component Assembly. Angewandte Chemie, 2017, 129, 194-198.	1.6	17
114	Polymernetzwerke: Von Kunststoffen und Gelen zu porÃ¶sen GerÃ¼sten. Angewandte Chemie, 2020, 132, 5054-5085.	1.6	16
115	An Nâ€Heterocyclicâ€Carbeneâ€Derived Distonic Radical Cation. Angewandte Chemie - International Edition, 2020, 59, 3952-3955.	7.2	16
116	PolyDAT: A Generic Data Schema for Polymer Characterization. Journal of Chemical Information and Modeling, 2021, 61, 1150-1163.	2.5	16
117	Orthogonally deconstructable and depolymerizable polysilylethers via entropy-driven ring-opening metathesis polymerization. Chemical Communications, 2022, 58, 8496-8499.	2.2	16
118	Quantitative Mapping of Molecular Substituents to Macroscopic Properties Enables Predictive Design of Oligoethylene Glycol-Based Lithium Electrolytes. ACS Central Science, 2020, 6, 1115-1128.	5.3	15
119	Janus Graft Block Copolymers: Design of a Polymer Architecture for Independently Tuned Nanostructures and Polymer Properties. Angewandte Chemie, 2018, 130, 8629-8633.	1.6	13
120	Photoswitchable Solâ€“Gel Transitions and Catalysis Mediated by Polymer Networks with Coumarinâ€Decorated Cu 24 L 24 Metalâ€“Organic Cages as Junctions. Angewandte Chemie, 2020, 132, 2806-2814.	1.6	12
121	Particles without a Box: Brush-first Synthesis of Photodegradable PEG Star Polymers under Ambient Conditions. Journal of Visualized Experiments, 2013, , .	0.2	11
122	Design of S-Substituted Fluorinated Aryl Sulfonamide-Tagged (S-FAST) Anions To Enable New Solvate Ionic Liquids for Battery Applications. Chemistry of Materials, 2019, 31, 7558-7564.	3.2	11
123	Polymers at the Interface with Biology. Biomacromolecules, 2018, 19, 3151-3162.	2.6	10
124	N-Heterocyclic carbeneâ€“carbodiimide (NHCâ€“CDI) betaine adducts: synthesis, characterization, properties, and applications. Chemical Science, 2021, 12, 2699-2715.	3.7	8
125	Radical PolyMOFs: A Role for Ligand Dispersity in Enabling Crystallinity. Chemistry of Materials, 2021, 33, 9508-9514.	3.2	8
126	Timeâ€resolved investigations of erbium ions in ZBLANâ€based glasses and glass ceramics. Physica Status Solidi C: Current Topics in Solid State Physics, 2011, 8, 2649-2652.	0.8	7

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127	Modular Polymer Antigens To Optimize Immunity. Biomacromolecules, 2019, 20, 4370-4379.	2.6	7
128	Dynamic Polypyrrole Coreâ€“Shell Chemomechanical Actuators. Chemistry of Materials, 2022, 34, 3013-3019.	3.2	7
129	Extending the Phantom Network Theory to Account for Cooperative Effect of Defects. Macromolecular Symposia, 2019, 385, 1900010.	0.4	6
130	PolyMOF Nanoparticles: Dual Roles of a Multivalent polyMOF Ligand in Size Control and Surface Functionalization. Angewandte Chemie, 2019, 131, 16829-16834.	1.6	5
131	Continuous dimethyldioxirane generation for polymer epoxidation. Polymer Chemistry, 2021, 12, 489-493.	1.9	5
132	An Nâ€Heterocyclicâ€Carbeneâ€Derived Distonic Radical Cation. Angewandte Chemie, 2020, 132, 3980-3983.	1.6	4
133	A low-cost tabletop tensile tester with optical extensometer. Materials Advances, 2021, 2, 6339-6343.	2.6	3
134	Introduction to molecularly defined polymers: synthesis and function. Polymer Chemistry, 2022, 13, 2400-2401.	1.9	3
135	Finding the right balance. Nature Energy, 2021, 6, 692-693.	19.8	1
136	Cycloelimination of Imidazolidin-2-ylidene N-Heterocyclic Carbenes: Mechanism and Insights into the Synthesis of Stable â€œNHC-CDIâ€•Amidinates. Chemistry - A European Journal, 2015, 21, 5649-5649.	1.7	0
137	Innentitelbild: Photoswitchable Solâ€“Gel Transitions and Catalysis Mediated by Polymer Networks with Coumarinâ€Decorated Cu₂₄L₂₄ Metalâ€“Organic Cages as Junctions (Angew.) Tj ET Q q 1 1 0.784314 rg		
138	A Rationally Designed Novel Polymer for Safe and Synergistic Delivery of High Dose Bortezomib, Pomalidomide/Lenalidomide, and Dexamethasone for Multiple Myeloma. Blood, 2018, 132, 4681-4681.	0.6	0