

# Tae-Lim Choi

## List of Publications by Citations

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110  
papers

4,563  
citations

33  
h-index

65  
g-index

118  
ext. papers

5,192  
ext. citations

9.6  
avg, IF

6.04  
L-index

#	Paper	IF	Citations
110	A general model for selectivity in olefin cross metathesis. <i>Journal of the American Chemical Society</i> , <b>2003</b> , 125, 11360-70	16.4	1263
109	Controlled living ring-opening-metathesis polymerization by a fast-initiating ruthenium catalyst. <i>Angewandte Chemie - International Edition</i> , <b>2003</b> , 42, 1743-6	16.4	343
108	Cu-catalyzed multicomponent polymerization to synthesize a library of poly(N-sulfonylamidines). <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 3760-3	16.4	126
107	Ultrafast cyclopolymerization for polyene synthesis: living polymerization to dendronized polymers. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 11904-7	16.4	120
106	Synthesis of A,B-alternating copolymers by ring-opening-insertion-metathesis polymerization. <i>Angewandte Chemie - International Edition</i> , <b>2002</b> , 41, 3839-41	16.4	98
105	Living Light-Induced Crystallization-Driven Self-Assembly for Rapid Preparation of Semiconducting Nanofibers. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 6088-6094	16.4	88
104	One-pot in situ fabrication of stable nanocaterpillars directly from polyacetylene diblock copolymers synthesized by mild ring-opening metathesis polymerization. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 14291-4	16.4	87
103	Doubly-dendronized linear polymers. <i>Chemical Communications</i> , <b>2005</b> , 5169-71	5.8	83
102	Strategies to enhance cyclopolymerization using third-generation Grubbs catalyst. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 10508-14	16.4	76
101	Synthesis of dendronized diblock copolymers via ring-opening metathesis polymerization and their visualization using atomic force microscopy. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 9619-21	16.4	75
100	Controlled Living Ring-Opening-Metathesis Polymerization by a Fast-Initiating Ruthenium Catalyst. <i>Angewandte Chemie</i> , <b>2003</b> , 115, 1785-1788	3.6	72
99	Fast tandem ring-opening/ring-closing metathesis polymerization from a monomer containing cyclohexene and terminal alkyne. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 7270-3	16.4	65
98	Nanostar and nanonetwork crystals fabricated by in situ nanoparticlization of fully conjugated polythiophene diblock copolymers. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 17695-8	16.4	65
97	Synthesis of Dendronized Polymers via Macromonomer Approach by Living ROMP and Their Characterization: From Rod-Like Homopolymers to Block and Gradient Copolymers. <i>Macromolecules</i> , <b>2013</b> , 46, 5905-5914	5.5	63
96	Preparation of a Library of Poly(-sulfonylimidates) by Cu-Catalyzed Multicomponent Polymerization.. <i>ACS Macro Letters</i> , <b>2014</b> , 3, 791-794	6.6	62
95	Ruthenium-Catalyzed Olefin Cross Metathesis of Styrenes as an Alternative to the Heck and Cross-Coupling Reactions. <i>Advanced Synthesis and Catalysis</i> , <b>2002</b> , 344, 634	5.6	61
94	Tandem ring-closing metathesis reaction with a ruthenium catalyst containing a N-heterocyclic ligand. <i>Chemical Communications</i> , <b>2001</b> , 2648-2649	5.8	59

93	Cyclopolymerization To Synthesize Conjugated Polymers Containing Meldrum's Acid as a Precursor for Ketene Functionality. <i>ACS Macro Letters</i> , <b>2012</b> , 1, 1090-1093	6.6	55
92	Synthesis of Rod-Like Dendronized Polymers Containing G4 and G5 Ester Dendrons via Macromonomer Approach by Living ROMP.. <i>ACS Macro Letters</i> , <b>2012</b> , 1, 445-448	6.6	54
91	Brush Polymers Containing Semiconducting Polyene Backbones: Graft-Through Synthesis via Cyclopolymerization and Conformational Analysis on the Coil-to-Rod Transition. <i>ACS Macro Letters</i> , <b>2012</b> , 1, 1098-1102	6.6	52
90	Diversity-Oriented Polymerization: One-Shot Synthesis of Library of Graft and Dendronized Polymers by Cu-Catalyzed Multicomponent Polymerization. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 8612-22	16.4	52
89	Tandem ring-opening/ring-closing metathesis polymerization: relationship between monomer structure and reactivity. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 10769-75	16.4	50
88	Multiple Olefin Metathesis Polymerization That Combines All Three Olefin Metathesis Transformations: Ring-Opening, Ring-Closing, and Cross Metathesis. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 9262-5	16.4	49
87	Polymer Self-Assembly into Unique Fractal Nanostructures in Solution by a One-Shot Synthetic Procedure. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 475-482	16.4	47
86	Direct Formation of Large-Area 2D Nanosheets from Fluorescent Semiconducting Homopolymer with Orthorhombic Crystalline Orientation. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 3082-3088	16.4	45
85	Simple Preparation of Various Nanostructures via in Situ Nanoparticlization of Polyacetylene Blocklike Copolymers by One-Shot Polymerization. <i>Macromolecules</i> , <b>2015</b> , 48, 1390-1397	5.5	45
84	A Rational Design of Highly Controlled Suzuki-Miyaura Catalyst-Transfer Polycondensation for Precision Synthesis of Polythiophenes and Their Block Copolymers: Marriage of Palladacycle Precatalysts with MIDA-Boronates. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 4335-4343	16.4	45
83	Synthesis of Functional Polyacetylenes via Cyclopolymerization of Diyne Monomers with Grubbs-type Catalysts. <i>Accounts of Chemical Research</i> , <b>2019</b> , 52, 994-1005	24.3	41
82	Coil-to-Rod Transition of Conjugated Polymers Prepared by Cyclopolymerization of 1,6-Heptadiynes. <i>ACS Macro Letters</i> , <b>2013</b> , 2, 780-784	6.6	39
81	From Smart Denpols to Remote-Controllable Actuators: Hierarchical Superstructures of Azobenzene-Based Polynorbornenes. <i>Advanced Functional Materials</i> , <b>2017</b> , 27, 1606294	15.6	38
80	Controlled cyclopolymerisation of 1,7-octadiyne derivatives using Grubbs catalyst. <i>Chemical Science</i> , <b>2012</b> , 3, 761-765	9.4	36
79	Versatile Tandem Ring-Opening/Ring-Closing Metathesis Polymerization: Strategies for Successful Polymerization of Challenging Monomers and Their Mechanistic Studies. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 2244-51	16.4	35
78	Controlled Living Cascade Polymerization To Make Fully Degradable Sugar-Based Polymers from d-Glucose and d-Galactose. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 12207-12211	16.4	33
77	Mechanochemical Degradation of Denpols: Synthesis and Ultrasound-Induced Chain Scission of Polyphenylene-Based Dendronized Polymers. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 8599-8608	16.4	32
76	Living Polymerization of Monomers Containing endo-Tricyclo[4.2.2.0 <sup>2,5</sup> ]deca-3,9-diene Using Second Generation Grubbs and Hoveyda-Grubbs Catalysts: Approach to Synthesis of Well-Defined Star Polymers. <i>Macromolecules</i> , <b>2014</b> , 47, 1351-1359	5.5	31

75	Structure and Dynamics of Dendronized Polymer Solutions: Gaussian Coil or Macromolecular Rod?. <i>Macromolecules</i> , <b>2016</b> , 49, 2731-2740	5.5	30
74	Morphologically Tunable Square and Rectangular Nanosheets of a Simple Conjugated Homopolymer by Changing Solvents. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 19138-19143	16.4	28
73	Cascade Polymerization via Controlled Tandem Olefin Metathesis/Metalotropic 1,3-Shift Reactions for the Synthesis of Fully Conjugated Polyenyne. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 11309-11312	16.4	28
72	One-pot synthesis of nanocaterpillar structures via in situ nanoparticlization of fully conjugated poly(p-phenylene)-block-polythiophene. <i>Chemical Communications</i> , <b>2014</b> , 50, 7945-8	5.8	27
71	A dendronized polymer is a single-molecule glass. <i>Journal of Physical Chemistry B</i> , <b>2005</b> , 109, 6535-43	3.4	27
70	Highly $\beta$ -Selective Cyclopolymerization of 1,6-Heptadiynes and Ring-Closing Enyne Metathesis Reaction Using Grubbs Z-Selective Catalyst: Unprecedented Regioselectivity for Ru-Based Catalysts. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 11227-33	16.4	26
69	Designing Thermally Stable Conjugated Polymers with Balanced Ambipolar Field-Effect Mobilities by Incorporating Cyanovinylene Linker Unit. <i>Macromolecules</i> , <b>2016</b> , 49, 2985-2992	5.5	25
68	Conformation of Tunable Nanocylinders: Up to Sixth-Generation Dendronized Polymers via Graft-Through Approach by ROMP. <i>Macromolecules</i> , <b>2019</b> , 52, 3342-3350	5.5	24
67	One-pot preparation of 3D nano- and microaggregates via in situ nanoparticlization of polyacetylene diblock copolymers produced by ROMP. <i>Macromolecular Rapid Communications</i> , <b>2015</b> , 36, 1069-74	4.8	23
66	Reactivity Studies of Alkoxy-Substituted [2.2]Paracyclophane-1,9-dienes and Specific Coordination of the Monomer Repeating Unit during ROMP. <i>Macromolecules</i> , <b>2015</b> , 48, 7435-7445	5.5	22
65	Toward Perfect Regiocontrol for $\beta$ -Selective Cyclopolymerization Using a Ru-Based Olefin Metathesis Catalyst. <i>Macromolecules</i> , <b>2018</b> , 51, 4564-4571	5.5	22
64	Multimechanophore Graft Polymers: Mechanochemical Reactions at Backbone-Arm Junctions. <i>Macromolecules</i> , <b>2019</b> , 52, 9561-9568	5.5	22
63	Living Polymerization Caught in the Act: Direct Observation of an Arrested Intermediate in Metathesis Polymerization. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 10039-10047	16.4	21
62	Dimensionally controlled water-dispersible amplifying fluorescent polymer nanoparticles for selective detection of charge-neutral analytes. <i>Polymer Chemistry</i> , <b>2017</b> , 8, 7507-7514	4.9	21
61	Ru-Catalyzed, $\beta$ -Selective Living Ring-Opening Metathesis Polymerization of Various Monomers, Including a Dendronized Macromonomer, and Implications to Enhanced Shear Stability. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 10438-10445	16.4	20
60	A one-pot synthesis of polysulfane-bearing block copolymer nanoparticles with tunable size and refractive index. <i>Chemical Communications</i> , <b>2016</b> , 52, 2485-8	5.8	20
59	A stereoregular $\beta$ -dicyanodistyrylbenzene ( $\beta$ DCS)-based conjugated polymer for high-performance organic solar cells with small energy loss and high quantum efficiency. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 16681-16688	13	20
58	Rapid formation and real-time observation of micron-sized conjugated nanofibers with tunable lengths and widths in 20 minutes by living crystallization-driven self-assembly. <i>Chemical Science</i> , <b>2020</b> , 11, 8416-8424	9.4	20

57	Preparing Semiconducting Nanoribbons with Tunable Length and Width via Crystallization-Driven Self-Assembly of a Simple Conjugated Homopolymer. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 17218-17225	16.4	20
56	Controlled cyclopolymerization of 4,5-disubstituted 1,7-octadiynes and its application to the synthesis of a dendronized polymer using Grubbs catalyst. <i>Journal of Polymer Science Part A</i> , <b>2015</b> , 53, 274-279	2.5	19
55	Understanding the Origin of the Regioselectivity in Cyclopolymerizations of Diynes and How to Completely Switch It. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 834-841	16.4	19
54	Preparation of defect-free nanocaterpillars via in situ nanoparticlisation of a well-defined polyacetylene block copolymer. <i>RSC Advances</i> , <b>2014</b> , 4, 49180-49185	3.7	19
53	Faster cyclopolymerisation of 4,4-disubstituted 1,7-octadiynes through an enhanced Thorpe-Ingold effect. <i>Polymer Chemistry</i> , <b>2013</b> , 4, 4676	4.9	19
52	Hierarchical superstructures of norbornene-based polymers depending on dendronized side-chains. <i>Polymer Chemistry</i> , <b>2016</b> , 7, 5304-5311	4.9	19
51	Successful Cyclopolymerization of 1,6-Heptadiynes Using First-Generation Grubbs Catalyst Twenty Years after Its Invention: Revealing a Comprehensive Picture of Cyclopolymerization Using Grubbs Catalysts. <i>Macromolecules</i> , <b>2017</b> , 50, 3153-3163	5.5	18
50	Semi-conducting 2D rectangles with tunable length via uniaxial living crystallization-driven self-assembly of homopolymer. <i>Nature Communications</i> , <b>2021</b> , 12, 2602	17.4	18
49	Perpendicularly Oriented Block Copolymer Thin Films Induced by Neutral Star Copolymer Nanoparticles. <i>ACS Macro Letters</i> , <b>2015</b> , 4, 133-137	6.6	17
48	Mechanistic Investigations on the Competition between the Cyclopolymerization and [2 + 2 + 2] Cycloaddition of 1,6-Heptadiyne Derivatives Using Second-Generation Grubbs Catalysts. <i>Macromolecules</i> , <b>2016</b> , 49, 6240-6250	5.5	17
47	N-Containing 1,7-Octadiyne Derivatives for Living Cyclopolymerization Using Grubbs Catalysts.. <i>ACS Macro Letters</i> , <b>2014</b> , 3, 795-798	6.6	16
46	Seven-Membered Ring-Forming Cyclopolymerization of 1,8-Nonadiyne Derivatives Using Grubbs Catalysts: Rational Design of Monomers and Insights into the Mechanism for Olefin Metathesis Polymerizations. <i>Macromolecules</i> , <b>2017</b> , 50, 2724-2735	5.5	15
45	Preparing DNA-mimicking multi-line nanocaterpillars via in situ nanoparticlisation of fully conjugated polymers. <i>Polymer Chemistry</i> , <b>2016</b> , 7, 1422-1428	4.9	15
44	Controlled Ring-Opening Metathesis Polymerization of a Monomer Containing Terminal Alkyne and Its Versatile Postpolymerization Functionalization via Click Reaction. <i>Macromolecules</i> , <b>2014</b> , 47, 4525-4529	5.5	15
43	Accelerated ring-opening metathesis polymerization of a secondary amide of 1-cyclobutene by hydrogen-bonding interaction. <i>Organic Letters</i> , <b>2011</b> , 13, 3908-11	6.2	15
42	Mechanochemical Degradation of Amorphous Polymers with Ball-Mill Grinding: Influence of the Glass Transition Temperature. <i>Macromolecules</i> , <b>2020</b> , 53, 7795-7802	5.5	15
41	Spontaneous evolution of nanostructures by light-driven growth of micelles obtained from in situ nanoparticlization of conjugated polymers. <i>Journal of Polymer Science Part A</i> , <b>2017</b> , 55, 3058-3066	2.5	14
40	Cascade polymerizations: recent developments in the formation of polymer repeat units by cascade reactions. <i>Chemical Science</i> , <b>2020</b> , 11, 4843-4854	9.4	14

39	Importance of choosing the right polymerization method for in situ preparation of semiconducting nanoparticles from the P3HT block copolymer. <i>Polymer Chemistry</i> , <b>2016</b> , 7, 7135-7141	4.9	14
38	Superior Cascade Ring-Opening/Ring-Closing Metathesis Polymerization and Multiple Olefin Metathesis Polymerization: Enhancing the Driving Force for Successful Polymerization of Challenging Monomers. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 10536-10545	16.4	14
37	Iridium-Catalyzed Direct C-H Amidation Polymerization: Step-Growth Polymerization by C-N Bond Formation via C-H Activation to Give Fluorescent Polysulfonamides. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 14474-14478	16.4	14
36	Mechanochemical Degradation of Brush Polymers: Kinetics of Ultrasound-Induced Backbone and Arm Scission. <i>Macromolecules</i> , <b>2020</b> , 53, 1623-1628	5.5	12
35	Synthesis of Functional Block Copolymers Carrying One Poly(p-phenylenevinylene) and One Nonconjugated Block in a Facile One-Pot Procedure. <i>Macromolecules</i> , <b>2016</b> , 49, 2085-2095	5.5	12
34	Swelling-induced pore generation in fluorinated polynorbornene block copolymer films. <i>Polymer Chemistry</i> , <b>2018</b> , 9, 3536-3542	4.9	10
33	Magnetically recyclable Pd-Fe <sub>3</sub> O <sub>4</sub> heterodimer nanocrystals for the synthesis of conjugated polymers via Suzuki polycondensation: Toward green chemistry. <i>Journal of Polymer Science Part A</i> , <b>2014</b> , 52, 1525-1528	2.5	10
32	Synthesis of Conjugated Rod-Coil Block Copolymers by RuPhos Pd-Catalyzed Suzuki-Miyaura Catalyst-Transfer Polycondensation: Initiation from Coil-Type Polymers. <i>Macromolecules</i> , <b>2020</b> , 53, 5497-5503	5.5	9
31	RuPhos Pd Precatalyst and MIDA Boronate as an Effective Combination for the Precision Synthesis of Poly(3-hexylthiophene): Systematic Investigation of the Effects of Boronates, Halides, and Ligands. <i>Macromolecules</i> , <b>2020</b> , 53, 3306-3314	5.5	9
30	Living $\beta$ -selective cyclopolymerization using Ru dithiolate catalysts. <i>Chemical Science</i> , <b>2019</b> , 10, 8955-8963	3.4	9
29	Preference of Ruthenium-Based Metathesis Catalysts toward Z- and E-Alkenes as a Guide for Selective Reactions to Alkene Stereoisomers. <i>Journal of Organic Chemistry</i> , <b>2016</b> , 81, 7591-6	4.2	9
28	Living Metathesis and Metallotropy Polymerization Gives Conjugated Polyenyne from Multialkynes: How to Design Sequence-Specific Cascades for Polymers. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 16320-16329	16.4	9
27	Fast Living Polymerization of Challenging Aryl Isocyanides Using an Air-Stable Bisphosphine-Chelated Nickel(II) Initiator. <i>Macromolecules</i> , <b>2018</b> , 51, 7800-7806	5.5	9
26	Materials science. Building supermicelles from simple polymers. <i>Science</i> , <b>2015</b> , 347, 1310-1	33.3	8
25	Conformational Analysis of Oxygen-Induced Higher Ordered Structure of A, B-Alternating Poly(arylene vinylene) Copolymers by Solid-State NMR and Molecular Dynamics Simulations. <i>Macromolecules</i> , <b>2016</b> , 49, 3061-3069	5.5	8
24	Mechanochemical Reactivity of Bottlebrush and Dendronized Polymers: Solid vs. Solution States. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 18651-18659	16.4	7
23	Universal Suzuki-Miyaura Catalyst-Transfer Polymerization for Precision Synthesis of Strong Donor/Acceptor-Based Conjugated Polymers and Their Sequence Engineering. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 11180-11190	16.4	7
22	Iridium-Catalyzed Direct C-H Amidation Producing Multicolor Fluorescent Molecules Emitting Blue-to-Red Light and White Light. <i>Organic Letters</i> , <b>2020</b> , 22, 2935-2940	6.2	6



21	Sugar-Based Polymers from d-Xylose: Living Cascade Polymerization, Tunable Degradation, and Small Molecule Release. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 849-855	16.4	6
20	Unusual Superior Activity of the First Generation Grubbs Catalyst in Cascade Olefin Metathesis Polymerization. <i>ACS Macro Letters</i> , <b>2018</b> , 7, 531-535	6.6	5
19	Controlled Cyclopolymerization of 1,5-Hexadiynes to Give Narrow Band Gap Conjugated Polyacetylenes Containing Highly Strained Cyclobutenes. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 17140-17146	16.4	5
18	Influence of Grafting Density on Ultrasound-Induced Backbone and Arm Scission of Graft Copolymers. <i>Macromolecules</i> , <b>2021</b> , 54, 4219-4226	5.5	5
17	Direct formation of nano-objects via in situ self-assembly of conjugated polymers. <i>Polymer Chemistry</i> , <b>2021</b> , 12, 1393-1403	4.9	5
16	Multi-scale Structure and Dynamics of Dendronized Polymers with Varying Generations. <i>Macromolecules</i> , <b>2021</b> , 54, 235-248	5.5	5
15	The influence of polymer architecture in polymer mechanochemistry. <i>Chemical Communications</i> , <b>2021</b> , 57, 6465-6474	5.8	5
14	Iridium-Catalyzed Direct C≡N Amidation Polymerization: Step-Growth Polymerization by C≡N Bond Formation via C≡N Activation to Give Fluorescent Polysulfonamides. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 14666-14670	3.6	4
13	Library of Fluorescent Polysulfonamides and Polyamide Synthesized by Iridium-Catalyzed Direct C≡N Amidation Polymerization. <i>Macromolecules</i> , <b>2018</b> , 51, 7476-7482	5.5	4
12	Powerful Direct C-H Amidation Polymerization Affords Single-Fluorophore-Based White-Light-Emitting Polysulfonamides by Fine-Tuning Hydrogen Bonds.. <i>Journal of the American Chemical Society</i> , <b>2021</b> ,	16.4	4
11	Synthesis of Conjugated Polyenyne with Alternating Six- and Five-Membered Rings via Selective Cascade Metathesis and Metallotropy Polymerization. <i>ACS Macro Letters</i> , <b>2020</b> , 9, 339-343	6.6	3
10	Binaphthyl-incorporated conjugated polymer/gold nanoparticle hybrids: a facile size- and shape-tailored synthesis. <i>RSC Advances</i> , <b>2016</b> , 6, 107994-107999	3.7	3
9	Constructing a Library of Doubly Grafted Polymers by a One-Shot Cu-Catalyzed Multicomponent Grafting Strategy. <i>Macromolecules</i> , <b>2021</b> , 54, 5539-5548	5.5	3
8	Synthesis of Well-Defined Poly(norbornene) Containing Carbon Nanodots by Controlled ROMP. <i>Journal of Polymer Science</i> , <b>2020</b> , 58, 48-51	2.4	2
7	Polymers producing hydrogen. <i>Nature Chemistry</i> , <b>2020</b> , 12, 1093-1095	17.6	2
6	Spectroscopy and excited state dynamics of nearly infinite polyenes. <i>Physical Chemistry Chemical Physics</i> , <b>2020</b> , 22, 17867-17879	3.6	2
5	Tandem diaza-Cope rearrangement polymerization: turning intramolecular reaction into powerful polymerization to give enantiopure materials for Zn sensors. <i>Chemical Science</i> , <b>2020</b> , 12, 2404-2409	9.4	2
4	Sugar-Based Polymers from d-Xylose: Living Cascade Polymerization, Tunable Degradation, and Small Molecule Release. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 862-868	3.6	1

- 3 Recent Advances in Diversity-Oriented Polymerization Using Cu-Catalyzed Multicomponent Reactions. *Macromolecular Rapid Communications*, **2021**, e2100642 4.8 ○
- 2 Mechanochemical Reactivity of Bottlebrush and Dendronized Polymers: Solid vs. Solution States. *Angewandte Chemie*, **2021**, 133, 18799-18807 3.6 ○
- 1 Titelbild: Sugar-Based Polymers from d-Xylose: Living Cascade Polymerization, Tunable Degradation, and Small Molecule Release (Angew. Chem. 2/2021). *Angewandte Chemie*, **2021**, 133, 521-529 3.6