Nikos Hadjichristidis

List of Publications by Year
in descending order

425 papers	21,795 citations	14124 69 h-index	19470 122 g-index
433 all docs	433 docs citations	433 times ranked	10526 citing authors

#	ARTICLE	IF	CITATIONS
1	Ionic H-bonding organocatalysts for the ring-opening polymerization of cyclic esters and cyclic carbonates. Progress in Polymer Science, 2022, 125, 101484.	11.8	26
2	Bimetallic Cu(I)/Rh(II) Relay Catalysis for Multicomponent Polymerization through Carbene Intermediates. Macromolecules, 2022, 55, 643-651.	2.2	1
3	Non-Covalent PSâ€“SCâ€“PI Triblock Terpolymers <i>via</i> Polylactide Stereocomplexation: Synthesis and Thermal Properties. Macromolecules, 2022, 55, 2832-2843.	2.2	7
4	Synthesis of Naphthalene-Based Polyaminal-Linked Porous Polymers for Highly Effective Uptake of CO2 and Heavy Metals. Polymers, 2022, 14, 1136.	2.0	11
5	Hybrid Arborescent Polypeptide-Based Unimolecular Micelles: Synthesis, Characterization, and Drug Encapsulation. Biomacromolecules, 2022, 23, 2441-2458.	2.6	5
6	Synthesis and Thermal Analysis of Non-Covalent PS-b-SC-b-P2VP Triblock Terpolymers via Polylactide Stereocomplexation. Polymers, 2022, 14, 2431.	2.0	6
7	Polyethylene grafted silica nanoparticles via surface-initiated polyhomologation: A novel filler for polyolefin nanocomposite. Polymer, 2022, 254, 125029.	1.8	3
8	Polyurethanes from Direct Organocatalytic Copolymerization of <i>p</i>â€Tosyl Isocyanate with Epoxides. Angewandte Chemie - International Edition, 2021, 60, 1593-1598.	7.2	48
9	Dielsâ€“Alder Polymer Networks with Temperatureâ€Reversible Crossâ€Linkingâ€Induced Emission. Angewandte Chemie - International Edition, 2021, 60, 331-337.	7.2	49
10	Polyurethanes from Direct Organocatalytic Copolymerization of p â€Tosyl Isocyanate with Epoxides. Angewandte Chemie, 2021, 133, 1617-1622.	1.6	10
11	Dielsâ€“Alder Polymer Networks with Temperatureâ€Reversible Crossâ€Linkingâ€Induced Emission. Angewandte Chemie, 2021, 133, 335-341.	1.6	22
12	Wellâ€Defined Poly(Ester Amide)â€Based Homoâ€•and Block Copolymers by Oneâ€Pot Organocatalytic Anionic Ringâ€Opening Copolymerization of <i>N</i>â€Sulfonyl Aziridines and Cyclic Anhydrides. Angewandte Chemie - International Edition, 2021, 60, 6949-6954.	7.2	36
13	InnenrÃ¼cktitelbild: Dielsâ€“Alder Polymer Networks with Temperatureâ€Reversible Crossâ€Linkingâ€Induced Emission (Angew. Chem. 1/2021). Angewandte Chemie, 2021, 133, 519-519.	1.6	0
14	The influence of arm composition on the self-assembly of low-functionality telechelic star polymers in dilute solutions. Colloid and Polymer Science, 2021, 299, 497-507.	1.0	4
15	A Synthetic Method for Siteâ€Specific Functionalized Polypeptides: Metalâ€Free, Highly Active, and Selective at Room Temperature. Angewandte Chemie - International Edition, 2021, 60, 889-895.	7.2	15
16	Non-metal with metal behavior: metal-free coordination-insertion ring-opening polymerization. Chemical Science, 2021, 12, 10732-10741.	3.7	5
17	Synthesis, characterization and self-assembly of linear and miktoarm star copolymers of exclusively immiscible polydienes. Polymer Chemistry, 2021, 12, 2712-2721.	1.9	5
18	Wellâ€Defined Poly(Ester Amide)â€Based Homoâ€•and Block Copolymers by Oneâ€Pot Organocatalytic Anionic Ringâ€Opening Copolymerization of <i>N</i>â€Sulfonyl Aziridines and Cyclic Anhydrides. Angewandte Chemie, 2021, 133, 7025-7030.	1.6	10

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19	Correction to â€œAnionic Polymerization of Styrenic Macromonomersâ€ Macromolecules, 2021, 54, 3000-3000.	2.2	0
20	Boronâ€Catalyzed Polymerization of Dienyltriphenylarsonium Ylides: On the Way to Pure C5 Polymerization. Angewandte Chemie - International Edition, 2021, 60, 8431-8434.	7.2	10
21	Boronâ€Catalyzed Polymerization of Dienyltriphenylarsonium Ylides: On the Way to Pure C5 Polymerization. Angewandte Chemie, 2021, 133, 8512-8515.	1.6	4
22	The Micellization of Well-Defined Single Graft Copolymers in Block Copolymer/Homopolymer Blends. Polymers, 2021, 13, 833.	2.0	1
23	Triethylborane-Assisted Synthesis of Random and Block Poly(ester-carbonate)s through One-Pot Terpolymerization of Epoxides, CO₂, and Cyclic Anhydrides. Macromolecules, 2021, 54, 2711-2719.	2.2	48
24	Polyether-Based Block Co(ter)polymers as Multifunctional Lubricant Additives. ACS Applied Polymer Materials, 2021, 3, 3811-3820.	2.0	15
25	Grafting polysulfonamide from cellulose paper through organocatalytic ring-opening polymerization of N-sulfonyl aziridines. Carbohydrate Polymers, 2021, 261, 117903.	5.1	12
26	All-Polycarbonate Graft Copolymers with Tunable Morphologies by Metal-Free Copolymerization of CO₂ with Epoxides. Macromolecules, 2021, 54, 6144-6152.	2.2	21
27	Sequential Crystallization and Multicrystalline Morphology in PE-<i>b</i>-PEO-<i>b</i>-PCL-<i>b</i>-PLLA Tetrablock Quarterpolymers. Macromolecules, 2021, 54, 7244-7257.	2.2	8
28	Phase Transitions in Poly(vinylidene fluoride)/Polymethylene-Based Diblock Copolymers and Blends. Polymers, 2021, 13, 2442.	2.0	8
29	Organocatalytic Synthesis of Polysulfonamides with Well-Defined Linear and Brush Architectures from a Designed/Synthesized Bis(<i>N</i>-sulfonyl aziridine). Macromolecules, 2021, 54, 8164-8172.	2.2	19
30	Crystallization and Morphology of Triple Crystalline Polyethylene-b-poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 Td (oxide)-b	2.0	4
31	Steric Hindrance Drives the Boronâ€nitiated Polymerization of Dienyltriphenylarsonium Ylides to Photoluminescent C5â€Polymers. Angewandte Chemie, 2021, 133, 22643-22651.	1.6	2
32	Steric Hindrance Drives the Boronâ€nitiated Polymerization of Dienyltriphenylarsonium Ylides to Photoluminescent C5â€Polymers. Angewandte Chemie - International Edition, 2021, 60, 22469-22477.	7.2	9
33	Thermo-Responsive Membranes from Blends of PVDF and PNIPAM-<i>b</i>-PVDF Block Copolymers with Linear and Star Architectures. Macromolecules, 2021, 54, 10235-10250.	2.2	17
34	Solvent and catalyst-free modification of hyperbranched polyethyleneimines by ring-opening-addition or ring-opening-polymerization of N-sulfonyl aziridines. Polymer Chemistry, 2021, 12, 1787-1796.	1.9	16
35	Boron-Catalyzed Polymerization of Phenyl-Substituted Allylic Arsonium Ylides toward Nonconjugated Emissive Materials from C3/C1 Monomeric Units. ACS Macro Letters, 2021, 10, 1287-1294.	2.3	4
36	Well-defined cyclic polymer synthesis <i>via</i> an efficient etherification-based bimolecular ring-closure strategy. Polymer Chemistry, 2021, 12, 6616-6625.	1.9	5

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37	Synthesis and Characterization of Asymmetric A₁BA₂ Supramolecular Triblock Copolymers via Noncovalent Interactions: A Solution and Solid-State Study. Macromolecules, 2021, 54, 10730-10739.	2.2	1
38	AIE-Based Fluorescent Triblock Copolymer Micelles for Simultaneous Drug Delivery and Intracellular Imaging. Biomacromolecules, 2021, 22, 5243-5255.	2.6	17
39	Diblock dialternating terpolymers by one-step/one-pot highly selective organocatalytic multimonomer polymerization. Nature Communications, 2021, 12, 7124.	5.8	39
40	Facile synthesis of poly(trimethylene carbonate) by alkali metal carboxylate-catalyzed ring-opening polymerization. Polymer Journal, 2020, 52, 103-110.	1.3	15
41	Iodineâ€transfer polymerization and CuAAC â€œclickâ€•chemistry: A versatile approach toward poly(vinylidene fluoride)â€based amphiphilic triblock terpolymers. Journal of Polymer Science, 2020, 58, 163-171.	2.0	3
42	Gas Sensitivity Amplification of Interdigitated Chemocapacitors Through Etching. IEEE Sensors Journal, 2020, 20, 463-470.	2.4	3
43	Polymethylene-Based Eight-Shaped Cyclic Block Copolymers. Macromolecules, 2020, 53, 267-275.	2.2	12
44	Poly(amine-<i>co</i>-ester)s by Binary Organocatalytic Ring-Opening Polymerization of <i>N</i>-Boc-1,4-oxazepan-7-one: Synthesis, Characterization, and Self-Assembly. Macromolecules, 2020, 53, 223-232.	2.2	12
45	The Effect of the Cooling Rate on the Morphology and Crystallization of Triple Crystalline PE<i>-b-</i>PEO<i>-b-</i>PLLA and PE<i>-b-</i>PCL<i>-b-</i>PLLA Triblock Terpolymers. ACS Applied Polymer Materials, 2020, 2, 4952-4963.	2.0	7
46	Noncovalent Supramolecular Diblock Copolymers: Synthesis and Microphase Separation. Macromolecules, 2020, 53, 6682-6689.	2.2	21
47	High <i>trans</i>-Selectivity in Boron-Catalyzed Polymerization of Allylic Arsonium Ylide and its Contribution to Thermal Properties of C3-Polymers. Macromolecules, 2020, 53, 10718-10724.	2.2	5
48	Direct identification of three crystalline phases in PEO-b-PCL-b-PLLA triblock terpolymer by In situ hot-stage atomic force microscopy. Polymer, 2020, 205, 122863.	1.8	8
49	Recycling a Borate Complex for Synthesis of Polycarbonate Polyols: Towards an Environmentally Friendly and Costâ€Effective Process. ChemSusChem, 2020, 13, 5080-5087.	3.6	30
50	Inâ€chain functionalized poly(Îµ â€caprolactone): A valuable precursor towards the synthesis of 3â€•miktoarm star containing hyperbranched polyethylene. Journal of Polymer Science, 2020, 58, 2764-2773.	2.0	3
51	4-Miktoarm star architecture induces PVDF Î²-phase formation in (PVDF)₂-<i>b</i>-(PEO)₂ miktoarm star copolymers. Journal of Materials Chemistry C, 2020, 8, 13786-13797.	2.7	8
52	Alternating Gyroid Network Structure in an ABC Miktoarm Terpolymer Comprised of Polystyrene and Two Polydienes. Nanomaterials, 2020, 10, 1497.	1.9	8
53	Microstructural characterization of a star-linear polymer blend under shear flow by using rheo-SANS. Journal of Rheology, 2020, 64, 663-672.	1.3	7
54	Complex Star Architectures of Well-Defined Polyethylene-Based Co/Terpolymers. Macromolecules, 2020, 53, 4355-4365.	2.2	11

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55	Organocatalytic Ring-Opening Polymerization of <i>N</i>-Acylated-1,4-oxazepan-7-ones Toward Well-Defined Poly(ester amide)s: Biodegradable Alternatives to Poly(2-oxazoline)s. ACS Macro Letters, 2020, 9, 464-470.	2.3	18
56	All-Polycarbonate Thermoplastic Elastomers Based on Triblock Copolymers Derived from Triethylborane-Mediated Sequential Copolymerization of CO₂ with Various Epoxides. Macromolecules, 2020, 53, 5297-5307.	2.2	55
57	Poly(vinylidene fluoride)-based complex macromolecular architectures: From synthesis to properties and applications. Progress in Polymer Science, 2020, 104, 101231.	11.8	40
58	Hydrophilic Stars, Amphiphilic Star Block Copolymers, and Miktoarm Stars with Degradable Polycarbonate Cores. Macromolecules, 2020, 53, 895-904.	2.2	18
59	Iodineâ€transfer polymerization and CuAAC â€œclickâ€•chemistry: A versatile approach toward poly(vinylidene fluoride)â€based amphiphilic triblock terpolymers. Journal of Polymer Science, 2020, 58, 163-171.	2.0	0
60	Fast and selective organocatalytic ring-opening polymerization by fluorinated alcohol without a cocatalyst. Nature Communications, 2019, 10, 3590.	5.8	65
61	pH-responsive AIE-active Polyethylene-based Block Copolymers. Chinese Journal of Polymer Science (English Edition), 2019, 37, 930-935.	2.0	10
62	Synthesis and Self-Assembly of Well-Defined Star and Tadpole Homo-/Co-/Terpolymers. Macromolecules, 2019, 52, 5583-5589.	2.2	15
63	Assessing the Range of Validity of Current Tube Models through Analysis of a Comprehensive Set of Starâ€“Linear 1,4-Polybutadiene Polymer Blends. Macromolecules, 2019, 52, 7831-7846.	2.2	6
64	A new tricrystalline triblock terpolymer by combining polyhomologation and ringâ€opening polymerization. synthesis and thermal properties. Journal of Polymer Science Part A, 2019, 57, 2450-2456.	2.5	7
65	Generating Triple Crystalline Superstructures in Melt Miscible PEOâ€<i>b</i>â€PCLâ€<i>b</i>â€PLLA Triblock Terpolymers by Controlling Thermal History and Sequential Crystallization. Macromolecular Chemistry and Physics, 2019, 220, 1900292.	1.1	12
66	Tetracrystalline Tetrablock Quarterpolymers: Four Different Crystallites under the Same Roof. Angewandte Chemie - International Edition, 2019, 58, 16267-16274.	7.2	13
67	Fast and Complete Neutralization of Thiocarbonylthio Compounds Using Trialkylborane and Oxygen: Application to Their Removal from RAFT-Synthesized Polymers. ACS Macro Letters, 2019, 8, 664-669.	2.3	33
68	Self-Organization and Flow of Low-Functionality Telechelic Star Polymers with Varying Attraction. ACS Macro Letters, 2019, 8, 766-772.	2.3	14
69	Degradable poly(ethylene oxide) through metal-free copolymerization of ethylene oxide with <scp>l</scp>-lactide. Polymer Chemistry, 2019, 10, 3764-3771.	1.9	31
70	2-Azaallyl Anion Initiated Ring-Opening Polymerization of <i>N</i>-Sulfonyl Aziridines: One-Pot Synthesis of Primary Amine-Ended Telechelic Polyaziridines. Macromolecules, 2019, 52, 3888-3896.	2.2	23
71	High flux membranes, based on self-assembled and H-bond linked triblock copolymer nanospheres. Journal of Membrane Science, 2019, 585, 10-18.	4.1	9
72	Terpolymers from Boraneâ€Initiated Copolymerization of Triphenyl Arsonium and Sulfoxonium Ylides: An Unexpected Light Emission. Angewandte Chemie, 2019, 131, 6361-6365.	1.6	7

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73	Carboxylate Salts as Ideal Initiators for the Metal-Free Copolymerization of CO₂ with Epoxides: Synthesis of Well-Defined Polycarbonates Diols and Polyols. Macromolecules, 2019, 52, 2431-2438.	2.2	65
74	Terpolymers from Boraneâ€Initiated Copolymerization of Triphenyl Arsonium and Sulfoxonium Ylides: An Unexpected Light Emission. Angewandte Chemie - International Edition, 2019, 58, 6295-6299.	7.2	9
75	Determining the Dilution Exponent for Entangled 1,4-Polybutadienes Using Blends of Near-Monodisperse Star with Unentangled, Low Molecular Weight Linear Polymers. Macromolecules, 2019, 52, 1757-1771.	2.2	8
76	Tetraphenylethene-Functionalized Polyethylene-Based Polymers with Aggregation-Induced Emission. Macromolecules, 2019, 52, 1955-1964.	2.2	38
77	Poly(vinylidene fluoride)/Polymethylene-Based Block Copolymers and Terpolymers. Macromolecules, 2019, 52, 1976-1984.	2.2	20
78	Carboxylic Acid Initiated Organocatalytic Ring-Opening Polymerization of <i>N</i>-Sulfonyl Aziridines: An Easy Access to Well-Controlled Polyaziridine-Based Architectural and Functionalized Polymers. Macromolecules, 2019, 52, 8793-8802.	2.2	26
79	Tetracrystalline Tetrablock Quarterpolymers: Four Different Crystallites under the Same Roof. Angewandte Chemie, 2019, 131, 16413-16420.	1.6	1
80	Monomodal Ultrahigh-Molar-Mass Polycarbonate Homopolymers and Diblock Copolymers by Anionic Copolymerization of Epoxides with CO₂. ACS Macro Letters, 2019, 8, 1594-1598.	2.3	42
81	Direct access to poly(glycidyl azide) and its copolymers through anionic (co-)polymerization of glycidyl azide. Nature Communications, 2019, 10, 293.	5.8	58
82	Ultrafast phosphazeneâ€promoted controlled anionic polymerization of styrenic monomers. Journal of Polymer Science Part A, 2019, 57, 456-464.	2.5	5
83	An Efficient and General Strategy toward the Synthesis of Polyethylene-Based Cyclic Polymers. Macromolecules, 2018, 51, 3193-3202.	2.2	20
84	Boron â€œstitchingâ€•reaction: a powerful tool for the synthesis of polyethylene-based star architectures. Polymer Chemistry, 2018, 9, 1061-1065.	1.9	7
85	Polymersomes with asymmetric membranes and self-assembled superstructures using pentablock quintopolymers resolved by electron tomography. Chemical Communications, 2018, 54, 1085-1088.	2.2	7
86	CO2 as versatile carbonation agent of glycosides: Synthesis of 5- and 6-membered cyclic glycocarbonates and investigation of their ring-opening. Journal of CO2 Utilization, 2018, 24, 564-571.	3.3	14
87	A Novel Poly(vinylidene fluoride)-Based 4-Miktoarm Star Terpolymer: Synthesis and Self-Assembly. Molecular Pharmaceutics, 2018, 15, 3005-3009.	2.3	20
88	Block Copolymers of Macrolactones/Small Lactones by a â€œCatalyst-Switchâ€•Organocatalytic Strategy. Thermal Properties and Phase Behavior. Macromolecules, 2018, 51, 2428-2436.	2.2	30
89	Self-Assembled Membranes with Featherlike and Lamellar Morphologies Containing Î±-Helical Polypeptides. Macromolecules, 2018, 51, 8174-8187.	2.2	9
90	Poly(sarcosine)-Based Nano-Objects with Multi-Protease Resistance by Aqueous Photoinitiated Polymerization-Induced Self-Assembly (Photo-PISA). Biomacromolecules, 2018, 19, 4453-4462.	2.6	44

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91	Macromolecular Brushes by Combination of Ring-Opening and Ring-Opening Metathesis Polymerization. Synthesis, Self-Assembly, Thermodynamics, and Dynamics. Macromolecules, 2018, 51, 8940-8955.	2.2	24
92	Temperature and pH-Dual Responsive AIE-Active Core Crosslinked Polyethyleneâ€“Poly(methacrylic acid) Multimiktoarm Star Copolymers. ACS Macro Letters, 2018, 7, 886-891.	2.3	40
93	Polyhomologation and ATRP: A Perfect Partnership toward Unique Polyethylene-Based Architectures. ACS Symposium Series, 2018, , 1-24.	0.5	1
94	Conjugated Polymers as a New Class of Dual-Mode Matrices for MALDI Mass Spectrometry and Imaging. Journal of the American Chemical Society, 2018, 140, 11416-11423.	6.6	41
95	Wellâ€defined nonâ€linear polyethyleneâ€based macromolecular architectures. Journal of Polymer Science Part A, 2018, 56, 2129-2136.	2.5	4
96	Poly(urethaneâ€“carbonate)s from Carbon Dioxide. Macromolecules, 2017, 50, 2320-2328.	2.2	38
97	<i>50th Anniversary Perspective</i>: Polymers with Complex Architectures. Macromolecules, 2017, 50, 1253-1290.	2.2	311
98	Hydrophobic, Hydrophilic, and Amphiphilic Polyglycocarbonates with Linear and Macrocyclic Architectures from Bicyclic Glycocarbonates Derived from CO₂ and Glucoside. Macromolecules, 2017, 50, 1362-1370.	2.2	25
99	Polyethyleneâ€Based Tadpole Copolymers. Macromolecular Chemistry and Physics, 2017, 218, 1600568.	1.1	10
100	C1 polymerization: a unique tool towards polyethylene-based complex macromolecular architectures. Polymer Chemistry, 2017, 8, 4062-4073.	1.9	28
101	Core Cross-Linked Multiarm Star Polymers with Aggregation-Induced Emission and Temperature Responsive Fluorescence Characteristics. Macromolecules, 2017, 50, 4217-4226.	2.2	50
102	Understanding Effect of Constraint Release Environment on End-to-End Vector Relaxation of Linear Polymer Chains. Macromolecules, 2017, 50, 4501-4523.	2.2	20
103	pH-Sensitive amphiphilic block-copolymers for transport and controlled release of oxygen. Polymer Chemistry, 2017, 8, 4322-4326.	1.9	8
104	Investigations on the Phase Diagram and Interaction Parameter of Poly(styrene-<i>b</i>-1,3-cyclohexadiene) Copolymers. Macromolecules, 2017, 50, 2354-2363.	2.2	5
105	Synthesis of polyglycocarbonates through polycondensation of glucopyranosides with CO₂. Polymer Chemistry, 2017, 8, 2640-2646.	1.9	16
106	Allyl borates: a novel class of polyhomologation initiators. Chemical Communications, 2017, 53, 1196-1199.	2.2	13
107	Ring-opening polymerization of Ï‰-pentadecalactone catalyzed by phosphazene superbases. Polymer Chemistry, 2017, 8, 511-515.	1.9	47
108	Revealing the Cytotoxicity of Residues of Phosphazene Catalysts Used for the Synthesis of Poly(ethylene oxide). Biomacromolecules, 2017, 18, 3233-3237.	2.6	44

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109	Trilayered Morphology of an ABC Triple Crystalline Triblock Terpolymer. Macromolecules, 2017, 50, 7268-7281.	2.2	32
110	Well-defined triblock copolymers of polyethylene with polycaprolactone or polystyrene using a novel difunctional polyhomologation initiator. Polymer Chemistry, 2017, 8, 5427-5432.	1.9	15
111	A New Role for CO₂: Controlling Agent of the Anionic Ring-Opening Polymerization of Cyclic Esters. Macromolecules, 2017, 50, 6752-6761.	2.2	6
112	How the Complex Interplay between Different Blocks Determines the Isothermal Crystallization Kinetics of Triple-Crystalline PEO-b-PCL-b-PLLA Triblock Terpolymers. Macromolecules, 2017, 50, 9683-9695.	2.2	35
113	Anionic Polymerization of Styrene and 1,3-Butadiene in the Presence of Phosphazene Superbases. Polymers, 2017, 9, 538.	2.0	16
114	Cs₂CO₃-promoted polycondensation of CO₂ with diols and dihalides for the synthesis of miscellaneous polycarbonates. Polymer Chemistry, 2016, 7, 4944-4952.	1.9	31
115	Synthesis, characterization and selfâ€assembly of wellâ€defined linear heptablock quaterpolymers. Journal of Polymer Science, Part B: Polymer Physics, 2016, 54, 1443-1449.	2.4	13
116	Diblock copolymers of polystyreneâ€<i>b</i>â€poly(1,3â€cyclohexadiene) exhibiting unique threeâ€phase microdomain morphologies. Journal of Polymer Science, Part B: Polymer Physics, 2016, 54, 1564-1572.	2.4	5
117	Well-defined polyethylene-based graft terpolymers by combining nitroxide-mediated radical polymerization, polyhomologation and azide/alkyne â€œclickâ€• chemistry. Polymer Chemistry, 2016, 7, 2986-2991.	1.9	23
118	One-pot synthesis of well-defined polyether/polyester block copolymers and terpolymers by a highly efficient catalyst switch approach. Polymer Chemistry, 2016, 7, 3225-3228.	1.9	18
119	Self-assembly behavior of well-defined polymethylene-block-poly(ethylene glycol) copolymers in aqueous solution. Polymer, 2016, 107, 415-421.	1.8	8
120	Artificial membranes with selective nanochannels for protein transport. Polymer Chemistry, 2016, 7, 6189-6201.	1.9	19
121	Metal-Free Alternating Copolymerization of CO₂ with Epoxides: Fulfilling â€œGreenâ€• Synthesis and Activity. Journal of the American Chemical Society, 2016, 138, 11117-11120.	6.6	246
122	Quantification of interaction and topological parameters of polyisoprene star polymers under good solvent conditions. Physical Review E, 2016, 93, 052501.	0.8	4
123	Well-defined 4-arm stars with hydroxy-terminated polyethylene, polyethylene-b-polycaprolactone and polyethylene-b-(polymethyl methacrylate)₂ arms. Polymer Chemistry, 2016, 7, 5507-5511.	1.9	13
124	Well-Defined Cyclic Triblock Terpolymers: A Missing Piece of the Morphology Puzzle. ACS Macro Letters, 2016, 5, 1242-1246.	2.3	31
125	Boron-Catalyzed C3-Polymerization of Ï‰-2-Methyl Allylarsonium Ylide and Its C3/C1 Copolymers with Dimethylsulfoxonium Methylide. ACS Macro Letters, 2016, 5, 387-390.	2.3	17
126	Design of block copolymer membranes using segregation strength trend lines. Molecular Systems Design and Engineering, 2016, 1, 278-289.	1.7	24

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127	Sequential crystallization and morphology of triple crystalline biodegradable PEO-b-PCL-b-PLLA triblock terpolymers. RSC Advances, 2016, 6, 4739-4750.	1.7	19
128	Living cationic polymerization and polyhomologation: an ideal combination to synthesize functionalized polyethyleneâ€“polyisobutylene block copolymers. Polymer Chemistry, 2016, 7, 1217-1220.	1.9	24
129	Well-defined (co)polypeptides bearing pendant alkyne groups. Polymer Chemistry, 2016, 7, 3487-3491.	1.9	16
130	Ring opening metathesis polymerization of cyclopentene using a ruthenium catalyst confined by a branched polymer architecture. Polymer Chemistry, 2016, 7, 2923-2928.	1.9	12
131	Lithium-Assisted Copolymerization of CO₂/Cyclohexene Oxide: A Novel and Straightforward Route to Polycarbonates and Related Block Copolymers. Macromolecules, 2016, 49, 2484-2492.	2.2	28
132	Synthesis of Well-Defined Polyethylene-Based 3-Miktoarm Star Copolymers and Terpolymers. Macromolecules, 2016, 49, 2630-2638.	2.2	26
133	Well-Defined Bilayered Molecular Cobrushes with Internal Polyethylene Blocks and Ï‰-Hydroxyl-Functionalized Polyethylene Homobrushes. Macromolecules, 2016, 49, 1590-1596.	2.2	24
134	Determination of the interaction parameter and topological scaling features of symmetric star polymers in dilute solution. Physical Review E, 2015, 92, 012602.	0.8	3
135	Well-defined polymethylene-based block co/terpolymers by combining anthracene/maleimide dielsâ€“alder reaction with polyhomologation. Polymer Chemistry, 2015, 6, 4921-4926.	1.9	22
136	Polymerization of 5-alkyl Î´-lactones catalyzed by diphenyl phosphate and their sequential organocatalytic polymerization with monosubstituted epoxides. Polymer Chemistry, 2015, 6, 2659-2668.	1.9	45
137	Triblock and pentablock terpolymers by sequential base-assisted living cationic copolymerization of functionalized vinyl ethers. Polymer Chemistry, 2015, 6, 1236-1247.	1.9	7
138	Well-Defined Polyethylene-Based Random, Block, and Bilayered Molecular Cobrushes. Macromolecules, 2015, 48, 3556-3562.	2.2	37
139	Organocatalysis by hydrogen-bonding: a new approach to controlled/living polymerization of Î±-amino acid N-carboxyanhydrides. Polymer Chemistry, 2015, 6, 6193-6201.	1.9	58
140	Polyhomologation based on in situ generated boron-thexyl-silaboracyclic initiating sites: a novel strategy towards the synthesis of polyethylene-based complex architectures. Chemical Communications, 2015, 51, 9936-9938.	2.2	24
141	Fast and Living Ring-Opening Polymerization of Î±-Amino Acid <i>N</i>-Carboxyanhydrides Triggered by an â€œAllianceâ€•of Primary and Secondary Amines at Room Temperature. Biomacromolecules, 2015, 16, 1352-1357.	2.6	51
142	Schlenk Techniques for Anionic Polymerization. , 2015, , 3-18.		4
143	High Vacuum Techniques for Anionic Polymerization. , 2015, , 19-59.		4
144	Ring-Opening Polymerization of N-Carboxyanhydrides for Preparation of Polypeptides and Polypeptide-Based Hybrid Materials with Various Molecular Architectures. , 2015, , 307-337.		2

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