

Yves Gnanou

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

188
papers

8,996
citations

52
h-index

87
g-index

191
ext. papers

9,704
ext. citations

6.1
avg. IF

6.13
L-index

#	Paper	IF	Citations
188	Ionic H-bonding organocatalysts for the ring-opening polymerization of cyclic esters and cyclic carbonates. <i>Progress in Polymer Science</i> , 2022 , 125, 101484	29.6	2
187	Expanding the Scope of Boron-Based Ate Complexes by Manipulating Their Reactivity: The Case of Cyclic Esters and Their (Co)Polymers. <i>Macromolecules</i> , 2022 , 55, 1800-1810	5.5	2
186	Alternating Copolymerization of Epoxides with Isothiocyanates. <i>Macromolecules</i> , 2021 , 54, 9474-9481	5.5	3
185	Triethylborane-Assisted Synthesis of Random and Block Poly(ester-carbonate)s through One-Pot Terpolymerization of Epoxides, CO ₂ , and Cyclic Anhydrides. <i>Macromolecules</i> , 2021 , 54, 2711-2719	5.5	18
184	All-Polycarbonate Graft Copolymers with Tunable Morphologies by Metal-Free Copolymerization of CO ₂ with Epoxides. <i>Macromolecules</i> , 2021 , 54, 6144-6152	5.5	4
183	Polyurethanes from Direct Organocatalytic Copolymerization of p-Tosyl Isocyanate with Epoxides. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 1593-1598	16.4	19
182	Polyurethanes from Direct Organocatalytic Copolymerization of p-Tosyl Isocyanate with Epoxides. <i>Angewandte Chemie</i> , 2021 , 133, 1617-1622	3.6	5
181	Surfactant-Emulating Amphiphilic Polycarbonates and Other Functional Polycarbonates through Metal-Free Copolymerization of CO ₂ with Ethylene Oxide. <i>ACS Sustainable Chemistry and Engineering</i> , 2021 , 9, 10370-10380	8.3	7
180	Complex Star Architectures of Well-Defined Polyethylene-Based Co/Terpolymers. <i>Macromolecules</i> , 2020 , 53, 4355-4365	5.5	5
179	All-Polycarbonate Thermoplastic Elastomers Based on Triblock Copolymers Derived from Triethylborane-Mediated Sequential Copolymerization of CO with Various Epoxides. <i>Macromolecules</i> , 2020 , 53, 5297-5307	5.5	16
178	Poly(vinylidene fluoride)-based complex macromolecular architectures: From synthesis to properties and applications. <i>Progress in Polymer Science</i> , 2020 , 104, 101231	29.6	17
177	Hydrophilic Stars, Amphiphilic Star Block Copolymers, and Miktoarm Stars with Degradable Polycarbonate Cores. <i>Macromolecules</i> , 2020 , 53, 895-904	5.5	7
176	Iodine-transfer polymerization and CuAAC Click Chemistry: A versatile approach toward poly(vinylidene fluoride)-based amphiphilic triblock terpolymers. <i>Journal of Polymer Science</i> , 2020 , 58, 163-171	2.4	
175	Versatility of Boron-Mediated Coupling Reaction of Oxetanes and Epoxides with CO ₂ : Selective Synthesis of Cyclic Carbonates or Linear Polycarbonates. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 13056-13063	8.3	21
174	Recycling a Borate Complex for Synthesis of Polycarbonate Polyols: Towards an Environmentally Friendly and Cost-Effective Process. <i>ChemSusChem</i> , 2020 , 13, 5080-5087	8.3	10
173	Iodine-transfer polymerization and CuAAC Click Chemistry: A versatile approach toward poly(vinylidene fluoride)-based amphiphilic triblock terpolymers. <i>Journal of Polymer Science</i> , 2020 , 58, 163-171	2.4	2
172	Tetracrystalline Tetrablock Quarterpolymers: Four Different Crystallites under the Same Roof. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 16267-16274	16.4	5

171	Fast and Complete Neutralization of Thiocarbonylthio Compounds Using Trialkylborane and Oxygen: Application to Their Removal from RAFT-Synthesized Polymers. <i>ACS Macro Letters</i> , 2019 , 8, 664-669	6.6	22
170	Degradable poly(ethylene oxide) through metal-free copolymerization of ethylene oxide with L-lactide. <i>Polymer Chemistry</i> , 2019 , 10, 3764-3771	4.9	20
169	Carboxylate Salts as Ideal Initiators for the Metal-Free Copolymerization of CO ₂ with Epoxides: Synthesis of Well-Defined Polycarbonates Diols and Polyols. <i>Macromolecules</i> , 2019 , 52, 2431-2438	5.5	30
168	Synthesis and Self-Assembly of Well-Defined Star and Tadpole Homo-/Co-/Terpolymers. <i>Macromolecules</i> , 2019 , 52, 5583-5589	5.5	10
167	A new tricrystalline triblock terpolymer by combining polyhomologation and ring-opening polymerization. synthesis and thermal properties. <i>Journal of Polymer Science Part A</i> , 2019 , 57, 2450-2456	2.5	4
166	Poly(vinylidene fluoride)/Polymethylene-Based Block Copolymers and Terpolymers. <i>Macromolecules</i> , 2019 , 52, 1976-1984	5.5	16
165	Tetracrystalline Tetrablock Quarterpolymers: Four Different Crystallites under the Same Roof. <i>Angewandte Chemie</i> , 2019 , 131, 16413-16420	3.6	1
164	Monomodal Ultrahigh-Molar-Mass Polycarbonate Homopolymers and Diblock Copolymers by Anionic Copolymerization of Epoxides with CO ₂ . <i>ACS Macro Letters</i> , 2019 , 8, 1594-1598	6.6	23
163	Direct access to poly(glycidyl azide) and its copolymers through anionic (co-)polymerization of glycidyl azide. <i>Nature Communications</i> , 2019 , 10, 293	17.4	26
162	Ultrafast phosphazene-promoted controlled anionic polymerization of styrenic monomers. <i>Journal of Polymer Science Part A</i> , 2019 , 57, 456-464	2.5	2
161	Boron Etching Reaction: a powerful tool for the synthesis of polyethylene-based star architectures. <i>Polymer Chemistry</i> , 2018 , 9, 1061-1065	4.9	5
160	CO ₂ as versatile carbonation agent of glycosides: Synthesis of 5- and 6-membered cyclic glycocarbonates and investigation of their ring-opening. <i>Journal of CO₂ Utilization</i> , 2018 , 24, 564-571	7.6	10
159	Block Copolymers of Macrolactones/Small Lactones by a Catalyst-Switch Organocatalytic Strategy. Thermal Properties and Phase Behavior. <i>Macromolecules</i> , 2018 , 51, 2428-2436	5.5	27
158	Theoretical Mechanistic Investigation into Metal-Free Alternating Copolymerization of CO ₂ and Epoxides: The Key Role of Triethylborane. <i>Macromolecules</i> , 2018 , 51, 5600-5607	5.5	30
157	Polyhomologation and ATRP: A Perfect Partnership toward Unique Polyethylene-Based Architectures. <i>ACS Symposium Series</i> , 2018 , 1-24	0.4	
156	Poly(urethane-carbonate)s from Carbon Dioxide. <i>Macromolecules</i> , 2017 , 50, 2320-2328	5.5	29
155	50th Anniversary Perspective: Polymers with Complex Architectures. <i>Macromolecules</i> , 2017 , 50, 1253-1290	9.0	225
154	Hydrophobic, Hydrophilic, and Amphiphilic Polyglycocarbonates with Linear and Macrocyclic Architectures from Bicyclic Glycocarbonates Derived from CO ₂ and Glucoside. <i>Macromolecules</i> , 2017 , 50, 1362-1370	5.5	17

153	Polyethylene-Based Tadpole Copolymers. <i>Macromolecular Chemistry and Physics</i> , 2017 , 218, 1600568	2.6	9
152	Self-assembly of poly(ionic liquid) (PIL)-based amphiphilic homopolymers into vesicles and supramolecular structures with dyes and silver nanoparticles. <i>Polymer Chemistry</i> , 2017 , 8, 3497-3503	4.9	21
151	Core Cross-Linked Multiarm Star Polymers with Aggregation-Induced Emission and Temperature Responsive Fluorescence Characteristics. <i>Macromolecules</i> , 2017 , 50, 4217-4226	5.5	37
150	Synthesis of polyglycocarbonates through polycondensation of glucopyranosides with CO ₂ . <i>Polymer Chemistry</i> , 2017 , 8, 2640-2646	4.9	10
149	Ring-opening polymerization of ϵ -pentadecalactone catalyzed by phosphazene superbases. <i>Polymer Chemistry</i> , 2017 , 8, 511-515	4.9	36
148	Osmotic Heat Engine Using Thermally Responsive Ionic Liquids. <i>Environmental Science & Technology</i> , 2017 , 51, 9403-9409	10.3	15
147	A New Role for CO ₂ : Controlling Agent of the Anionic Ring-Opening Polymerization of Cyclic Esters. <i>Macromolecules</i> , 2017 , 50, 6752-6761	5.5	5
146	Anionic Polymerization of Styrene and 1,3-Butadiene in the Presence of Phosphazene Superbases. <i>Polymers</i> , 2017 , 9,	4.5	7
145	Metal-Free Alternating Copolymerization of CO ₂ with Epoxides: Fulfilling "Green" Synthesis and Activity. <i>Journal of the American Chemical Society</i> , 2016 , 138, 11117-20	16.4	150
144	Well-defined 4-arm stars with hydroxy-terminated polyethylene, polyethylene-b-polycaprolactone and polyethylene-b-(polymethyl methacrylate) ₂ arms. <i>Polymer Chemistry</i> , 2016 , 7, 5507-5511	4.9	13
143	Well-defined (co)polypeptides bearing pendant alkyne groups. <i>Polymer Chemistry</i> , 2016 , 7, 3487-3491	4.9	16
142	Lithium-Assisted Copolymerization of CO ₂ /Cyclohexene Oxide: A Novel and Straightforward Route to Polycarbonates and Related Block Copolymers. <i>Macromolecules</i> , 2016 , 49, 2484-2492	5.5	21
141	Using UCST Ionic Liquid as a Draw Solute in Forward Osmosis to Treat High-Salinity Water. <i>Environmental Science & Technology</i> , 2016 , 50, 1039-45	10.3	72
140	Cs ₂ CO ₃ -promoted polycondensation of CO ₂ with diols and dihalides for the synthesis of miscellaneous polycarbonates. <i>Polymer Chemistry</i> , 2016 , 7, 4944-4952	4.9	25
139	Well-Defined Polyethylene-Based Random, Block, and Bilayered Molecular Combbrushes. <i>Macromolecules</i> , 2015 , 48, 3556-3562	5.5	36
138	Organocatalysis by hydrogen-bonding: a new approach to controlled/living polymerization of α -amino acid N-carboxyanhydrides. <i>Polymer Chemistry</i> , 2015 , 6, 6193-6201	4.9	50
137	Polyhomologation based on in situ generated boron-hexyl-silaboracyclic initiating sites: a novel strategy towards the synthesis of polyethylene-based complex architectures. <i>Chemical Communications</i> , 2015 , 51, 9936-8	5.8	22
136	Fast and living ring-opening polymerization of α -amino acid N-carboxyanhydrides triggered by an "alliance" of primary and secondary amines at room temperature. <i>Biomacromolecules</i> , 2015 , 16, 1352-7	6.9	44

135	One-pot synthesis of linear- and three-arm star-tetrablock quarterpolymers via sequential metal-free ring-opening polymerization using a catalyst switch strategy. <i>Journal of Polymer Science Part A</i> , 2015 , 53, 304-312	2.5	29
134	Synthesis and self-assembly of chitosan-g-polystyrene copolymer: a new route for the preparation of heavy metal nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2015 , 438, 110-115	9.3	8
133	From competition to cooperation: a highly efficient strategy towards well-defined (co)polypeptides. <i>Chemical Communications</i> , 2015 , 51, 3663-6	5.8	43
132	Triblock and pentablock terpolymers by sequential base-assisted living cationic copolymerization of functionalized vinyl ethers. <i>Polymer Chemistry</i> , 2015 , 6, 1236-1247	4.9	7
131	Sequential polymerization of ethylene oxide, ϵ -caprolactone and L-lactide: a one-pot metal-free route to tri- and pentablock terpolymers. <i>Polymer Chemistry</i> , 2014 , 5, 3750-3753	4.9	61
130	Well-defined polyethylene molecular brushes by polyhomologation and ring opening metathesis polymerization. <i>Polymer Chemistry</i> , 2014 , 5, 6431-6434	4.9	34
129	Polymethylene-based copolymers by polyhomologation or by its combination with controlled/living and living polymerizations. <i>Macromolecular Rapid Communications</i> , 2014 , 35, 378-90	4.8	22
128	Phosphazene-Promoted Metal-Free Ring-Opening Polymerization of Ethylene Oxide Initiated by Carboxylic Acid. <i>Macromolecules</i> , 2014 , 47, 1693-1698	5.5	62
127	A Catalyst Switch Strategy for the Sequential Metal-Free Polymerization of Epoxides and Cyclic Esters/Carbonate. <i>Macromolecules</i> , 2014 , 47, 3814-3822	5.5	74
126	Phosphazene-promoted anionic polymerization. <i>Polimery</i> , 2014 , 59, 49-59	3.4	38
125	Anionic polymerization and polyhomologation: an ideal combination to synthesize polyethylene-based block copolymers. <i>Chemical Communications</i> , 2013 , 49, 8952-4	5.8	28
124	N-Heterocyclic carbenes (NHCs) as organocatalysts and structural components in metal-free polymer synthesis. <i>Chemical Society Reviews</i> , 2013 , 42, 2142-72	58.5	417
123	Synthesis of complex polymeric architectures using multilithiated carbanionic initiators: Comparison with other approaches. <i>Progress in Polymer Science</i> , 2013 , 38, 30-62	29.6	11
122	Imidazol(in)ium hydrogen carbonates as a genuine source of N-heterocyclic carbenes (NHCs): applications to the facile preparation of NHC metal complexes and to NHC-organocatalyzed molecular and macromolecular syntheses. <i>Journal of the American Chemical Society</i> , 2012 , 134, 6776-84	16.4	138
121	N-Heterocyclic carbene-catalysed synthesis of polyurethanes. <i>Polymer Chemistry</i> , 2012 , 3, 605	4.9	43
120	Poly(N-heterocyclic-carbene)s and their CO ₂ Adducts as Recyclable Polymer-Supported Organocatalysts for Benzoin Condensation and Transesterification Reactions. <i>Macromolecules</i> , 2011 , 44, 1900-1908	5.5	125
119	No matter the order of monomer addition for the synthesis of well-defined block copolymers by sequential group transfer polymerization using N-heterocyclic carbenes as catalysts. <i>Polymer Chemistry</i> , 2011 , 2, 1706	4.9	54
118	Macromolecular Engineering of Polypeptides Using the Ring-Opening Polymerization of α -Amino Acid N-Carboxyanhydrides 2011 , 519-540		5

117	Sequential functionalization of janus-type dendrimer-like poly(ethylene oxide)s with camptothecin and folic acid. <i>Journal of Polymer Science Part A</i> , 2011 , 49, 2839-2849	2.5	23
116	Dendritic carrier based on PEG: design and degradation of acid-sensitive dendrimer-like poly(ethylene oxide)s. <i>Macromolecular Rapid Communications</i> , 2011 , 32, 1722-8	4.8	18
115	N-Heterocyclic Carbene-Organocatalyzed Ring-Opening Polymerization of Ethylene Oxide in the Presence of Alcohols or Trimethylsilyl Nucleophiles as Chain Moderators for the Synthesis of β -Heterodifunctionalized Poly(ethylene oxide)s. <i>Macromolecules</i> , 2010 , 43, 2814-2823	5.5	72
114	Expanding the Scope of Group Transfer Polymerization Using N-Heterocyclic Carbenes as Catalysts: Application to Miscellaneous (Meth)acrylic Monomers and Kinetic Investigations. <i>Macromolecules</i> , 2010 , 43, 8853-8861	5.5	58
113	Metal-free and solvent-free access to alpha,omega-heterodifunctionalized poly(propylene oxide)s by N-heterocyclic carbene-induced ring opening polymerization. <i>Chemical Communications</i> , 2010 , 46, 3203-5	5.8	85
112	Morphological Changes Induced by Addition of Polystyrene to Dextran-Polystyrene Block Copolymer Solutions. <i>Macromolecular Symposia</i> , 2009 , 281, 113-118	0.8	3
111	Radical polymerization of vinyl acetate with bis(tetramethylheptadionato)cobalt(II): coexistence of three different mechanisms. <i>Chemistry - A European Journal</i> , 2009 , 15, 4874-85	4.8	51
110	In situ mid-IR and UV-visible spectroscopies applied to the determination of kinetic parameters in the anionic copolymerization of styrene and isoprene. <i>Polymer</i> , 2009 , 50, 1351-1357	3.9	36
109	N-heterocyclic carbene-induced zwitterionic ring-opening polymerization of ethylene oxide and direct synthesis of alpha,omega-difunctionalized poly(ethylene oxide)s and poly(ethylene oxide)-b-poly(epsilon-caprolactone) block copolymers. <i>Journal of the American Chemical Society</i> , 2009 , 131, 3201-9	16.4	144
108	Fast Access to Dendrimer-like Poly(ethylene oxide)s through Anionic Ring-Opening Polymerization of Ethylene Oxide and Use of Nonprotected Glycidol as Branching Agent. <i>Macromolecules</i> , 2009 , 42, 7292-7298 ³⁴	5.5	34
107	Group Transfer Polymerization of (Meth)acrylic Monomers Catalyzed by N-Heterocyclic Carbenes and Synthesis of All Acrylic Block Copolymers: Evidence for an Associative Mechanism. <i>Macromolecules</i> , 2009 , 42, 5996-6005	5.5	103
106	Polymeric Vesicles and Micelles Obtained by Self-Assembly of Ionic Liquid-Based Block Copolymers Triggered by Anion or Solvent Exchange. <i>Macromolecules</i> , 2009 , 42, 5167-5174	5.5	89
105	Micelles and polymersomes obtained by self-assembly of dextran and polystyrene based block copolymers. <i>Biomacromolecules</i> , 2009 , 10, 32-40	6.9	84
104	Step-Growth Polymerization of Terephthalaldehyde Catalyzed by N-Heterocyclic Carbenes. <i>Macromolecules</i> , 2009 , 42, 4932-4936	5.5	42
103	Combination of an anionic terminator multifunctional initiator and divergent carbanionic polymerization: application to the synthesis of dendrimer-like polymers and of asymmetric and miktoarm stars. <i>Journal of the American Chemical Society</i> , 2008 , 130, 1350-61	16.4	50
102	Janus-type dendrimer-like poly(ethylene oxide)s. <i>Journal of the American Chemical Society</i> , 2008 , 130, 11662-76	16.4	77
101	Synthesis by RAFT and Ionic Responsiveness of Double Hydrophilic Block Copolymers Based on Ionic Liquid Monomer Units. <i>Macromolecules</i> , 2008 , 41, 6299-6308	5.5	172
100	Bicompartmentalized Polymer Particles by Tandem ROMP and ATRP in Miniemulsion. <i>Macromolecules</i> , 2008 , 41, 3015-3022	5.5	31

99	Harnessing the potential of N-heterocyclic carbenes for the rejuvenation of group-transfer polymerization of (meth)acrylics. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 5390-3	16.4	113
98	Bouquet-type dendrimerlike poly(ethylene oxide)s with a focal aldehyde and peripheral hydroxyls. <i>Biomacromolecules</i> , 2007 , 8, 2374-8	6.9	22
97	Synthesis and Characterization of Diaminodithio- and Aminotrithiophosphoric Acid Esters. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2007 , 182, 1233-1244	1	14
96	Two-dimensional polymeric nanomaterials through cross-linking of polybutadiene-b-poly(ethylene oxide) monolayers at the air/water interface. <i>Langmuir</i> , 2007 , 23, 649-58	4	25
95	Cross-linking of polybutadiene at the air/water interface: toward an easy access to two-dimensional polymeric materials. <i>Journal of Colloid and Interface Science</i> , 2007 , 311, 315-21	9.3	11
94	Polystyrene-b-poly(tert-butyl acrylate) and polystyrene-b-poly(acrylic acid) dendrimer-like copolymers: two-dimensional self-assembly at the air-water interface. <i>Langmuir</i> , 2007 , 23, 2531-8	4	38
93	Dendrimer-like polymers: a new class of structurally precise dendrimers with macromolecular generations. <i>New Journal of Chemistry</i> , 2007 , 31, 1097	3.6	67
92	Hybrid Polymer Particles by Tandem Ring-Opening Metathesis and Atom Transfer Radical Polymerizations in Aqueous Miniemulsion. <i>Macromolecules</i> , 2006 , 39, 5589-5591	5.5	27
91	Nanosized amorphous calcium carbonate stabilized by poly(ethylene oxide)-b-poly(acrylic acid) block copolymers. <i>Langmuir</i> , 2006 , 22, 1875-9	4	80
90	pH responsiveness of dendrimer-like poly(ethylene oxide)s. <i>Journal of the American Chemical Society</i> , 2006 , 128, 11551-62	16.4	92
89	Design of PEO-based ruthenium carbene for aqueous metathesis polymerization. Synthesis by the macromonomer method and application in the miniemulsion metathesis polymerization of norbornene. <i>Journal of Polymer Science Part A</i> , 2006 , 44, 2784-2793	2.5	42
88	Design and use of macromonomers as steric stabilizers for the synthesis of novel functional particles in dispersed media. <i>Polymer International</i> , 2006 , 55, 1146-1154	3.3	9
87	Controlled polymerizations as tools for the design of star-like and dendrimer-like polymers. <i>Polymer International</i> , 2006 , 55, 1138-1145	3.3	54
86	High performance poly(styrene-b-diene-b-styrene) triblock copolymers from a hydrocarbon-soluble and additive-free dicarbanionic initiator. <i>Journal of the American Chemical Society</i> , 2006 , 128, 8158-9	16.4	16
85	Polymacromonomers: Dynamics of Dilute and Nondilute Solutions. <i>Macromolecules</i> , 2005 , 38, 2400-2409	3.5	25
84	MALDI-TOF Analysis of Dendrimer-like Poly(ethylene oxide)s. <i>Macromolecules</i> , 2005 , 38, 10609-10613	5.5	21
83	Polystyrene-block-poly(ethylene oxide) stars as surface films at the air/water interface. <i>Langmuir</i> , 2005 , 21, 7380-9	4	35
82	Synthesis of Dendrimer-Like Polystyrene by Atom Transfer Radical Polymerization and Investigation of Their Viscosity Behavior. <i>Macromolecules</i> , 2005 , 38, 3120-3128	5.5	85

81	AFM study of micelle chaining in surface films of polystyrene-block-poly(ethylene oxide) stars at the air/water interface. <i>Langmuir</i> , 2005 , 21, 3424-31	4	44
80	Latex Particles by Miniemulsion Ring-Opening Metathesis Polymerization. <i>Macromolecules</i> , 2005 , 38, 7977-7982	5.5	44
79	Interfacial Behavior of Anionically Synthesized Amphiphilic Star Block Copolymers Based on Polybutadiene and Poly(ethylene oxide) at the Air/Water Interface. <i>Macromolecules</i> , 2005 , 38, 7754-7767	5.5	35
78	Toward an easy access to dendrimer-like poly(ethylene oxide)s. <i>Journal of the American Chemical Society</i> , 2005 , 127, 10956-66	16.4	119
77	Structure of polypeptide-based diblock copolymers in solution: stimuli-responsive vesicles and micelles. <i>Langmuir</i> , 2005 , 21, 4308-15	4	166
76	Synthesis and Investigation of Surface Properties of Dendrimer-like Copolymers Based on Polystyrene and Poly(tert-butylacrylate). <i>Macromolecules</i> , 2005 , 38, 5459-5467	5.5	54
75	Synthesis of latex particles by ring-opening metathesis polymerization. <i>Polymer</i> , 2005 , 46, 1067-1075	3.9	27
74	Preparation of a Polyethylene Latex by Catalytic Hydrogenation of a Polybuta-1,4-diene-Based Dispersion. <i>Macromolecular Rapid Communications</i> , 2005 , 26, 1711-1715	4.8	15
73	Synthesis of acid-sensitive latices by ring-opening metathesis polymerization. <i>Journal of Polymer Science Part A</i> , 2005 , 43, 217-229	2.5	20
72	Cyanoxyl-mediated free-radical polymerization of acrylic acid: Its scope and limitations. <i>Journal of Polymer Science Part A</i> , 2005 , 43, 519-533	2.5	13
71	Controlled Radical Polymerization of N-Vinylpyrrolidone by Reversible Addition-Fragmentation Chain Transfer Process. <i>Macromolecular Symposia</i> , 2005 , 229, 8-17	0.8	78
70	Dendrimer-like PEO glycopolymers exhibit anti-inflammatory properties. <i>Journal of the American Chemical Society</i> , 2005 , 127, 10132-3	16.4	119
69	Synthesis of Multifunctional Dithioesters Using Tetrphosphorus Decasulfide and Their Behavior as RAFT Agents. <i>Macromolecules</i> , 2004 , 37, 5513-5519	5.5	75
68	Effect of phenol and derivatives on atom transfer radical polymerization in the presence of air. <i>Journal of Polymer Science Part A</i> , 2004 , 42, 351-359	2.5	79
67	Synthesis of polybutadiene-based particles via dispersion ring-opening metathesis polymerization. <i>Journal of Polymer Science Part A</i> , 2004 , 42, 1154-1163	2.5	16
66	Comparative behavior of polybutadiene and polynorbornene-based latices prepared by dispersion ring-opening metathesis polymerization with a poly(ethylene oxide) macromonomer. <i>Journal of Polymer Science Part A</i> , 2004 , 42, 2705-2716	2.5	10
65	Dependence of the kinetics of the anionic polymerization of methyl methacrylate on the concentration in active centers. <i>Journal of Polymer Science Part A</i> , 2004 , 42, 4964-4975	2.5	1
64	1,4-Polybutadiene-Based Particles Prepared by Aqueous Suspension Ring-Opening Metathesis Polymerization. <i>Macromolecules</i> , 2004 , 37, 7619-7627	5.5	27

63	Synthesis of hybrid dendrimer-star polymers by the RAFT process. <i>Chemical Communications</i> , 2004 , 2110-2118	5.8	63
62	Synthesis of PS Star Polymers from Tetracarbanionic Initiators. <i>Macromolecular Symposia</i> , 2004 , 215, 41-50	0.8	8
61	Synthesis of Water-Soluble Star-Block and Dendrimer-like Copolymers Based on Poly(ethylene oxide) and Poly(acrylic acid). <i>Macromolecules</i> , 2003 , 36, 3874-3881	5.5	141
60	SAXS from Four-Arm Polyelectrolyte Stars in Semi-Dilute Solutions. <i>Macromolecular Chemistry and Physics</i> , 2003 , 204, 89-97	2.6	20
59	Reaction of cyclic tetrathiophosphates with carboxylic acids as a means to generate dithioesters and control radical polymerization by RAFT. <i>Angewandte Chemie - International Edition</i> , 2003 , 42, 2869-2872	16.4	50
58	Polymerization of ethylene oxide with a calixarene-based precursor: Synthesis of eight-arm poly(ethylene oxide) stars by the core-first methodology. <i>Journal of Polymer Science Part A</i> , 2003 , 41, 1669-1676	2.5	58
57	Synthesis of functionalized multiarm poly(ethylene oxide) stars. <i>Polymer</i> , 2003 , 44, 5067-5074	3.9	38
56	Association of Adhesive Spheres Formed by Hydrophobically End-Capped PEO. 2. Influence of the Alkyl End-Group Length and the Chain Backbone Architecture. <i>Macromolecules</i> , 2003 , 36, 1341-1348	5.5	42
55	Synthesis and Surface Properties of Amphiphilic Star-Shaped and Dendrimer-like Copolymers Based on Polystyrene Core and Poly(ethylene oxide) Corona. <i>Macromolecules</i> , 2003 , 36, 8253-8259	5.5	145
54	Controlled radical polymerization in the presence of b-phosphonylated nitroxide - kinetics, mechanism and macromolecular architectures. <i>Polimery</i> , 2003 , 48, 499-504	3.4	2
53	Water-soluble stimuli-responsive vesicles from peptide-based diblock copolymers. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 1339-43	16.4	352
52	Complexes based on alkylboranes and unsaturated carbonyl compounds as bicomponent transfer agents for free-radical polymerisation. <i>Macromolecular Chemistry and Physics</i> , 2002 , 203, 1819-1823	2.6	3
51	Kinetic investigation of the anionic polymerization of MMA using sparteine as ligand. <i>Polymer</i> , 2002 , 43, 7195-7205	3.9	3
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