Daniel Taton

List of Publications by Year in Descending Order

130 papers	7,286 citations	49 h-index	81 g-index
131 ext. papers	7,759 ext. citations	6.6 avg, IF	5.86 L-index

#	Paper	IF	Citations
130	Tuning the activity and selectivity of polymerised ionic liquid-stabilised ruthenium nanoparticles through anion exchange reactions.. *Nanoscale*, **2022**,	7.7	2
129	Direct and selective access to amino-poly(phenylene vinylenes)s with switchable properties by dimerizing polymerization of aminoaryl carbenes. *Nature Communications*, **2021**, 12, 4093	17.4	
128	Functional nanostructures by NiCCo-PISA of helical poly(aryl isocyanide) copolymers. *Polymer Chemistry*, **2021**, 12, 105-112	4.9	3
127	A chiral thiourea and a phosphazene for fast and stereoselective organocatalytic ring-opening-polymerization of racemic lactide. *Chemical Communications*, **2021**, 57, 3777-3780	5.8	3
126	Ester-Containing Imidazolium-Type Ionic Liquid Crystals Derived from Bio-based Fatty Alcohols. *ACS Sustainable Chemistry and Engineering*, **2021**, 9, 12687-12698	8.3	1
125	Stereoselective ROP of rac- and meso-Lactides Using Achiral TBD as Catalyst. *Catalysts*, **2020**, 10, 620	4	8
124	Nickel-Catalyzed Coordination Polymerization-Induced Self-Assembly of Helical Poly(aryl isocyanide)s. *ACS Macro Letters*, **2020**, 9, 226-232	6.6	22
123	C□□ couplings in water by micellar catalysis at low loadings from a recyclable polymer-supported Pd(II)□NHC nanocatalyst. *Polymer Chemistry*, **2019**, 10, 460-466	4.9	21
122	Catalytically Active N-Heterocyclic Carbene Release from Single-Chain Nanoparticles Following a Thermolysis-Driven Unfolding Strategy. *Macromolecular Rapid Communications*, **2019**, 40, e1900071	4.8	7
121	Synthesis of self-healable waterborne isocyanate-free poly(hydroxyurethane)-based supramolecular networks by ionic interactions. *Polymer Chemistry*, **2019**, 10, 2723-2733	4.9	26
120	Self-catalysed folding of single chain nanoparticles (SCNPs) by NHC-mediated intramolecular benzoin condensation. *Polymer Chemistry*, **2019**, 10, 2282-2289	4.9	3
119	Bulk Organocatalytic Synthetic Access to Statistical Copolyesters from l-Lactide and □Caprolactone Using Benzoic Acid. *Biomacromolecules*, **2019**, 20, 1965-1974	6.9	19
118	Benzoic Acid as an Efficient Organocatalyst for the Statistical Ring-Opening Copolymerization of □Caprolactone and L-Lactide: A Computational Investigation. *Macromolecules*, **2019**, 52, 9238-9247	5.5	13
117	Opportunities for organocatalysis in polymer synthesis via step-growth methods. *Progress in Polymer Science*, **2019**, 90, 164-210	29.6	50
116	N-Heterocyclic Carbenes for Organopolymerization: Metal-Free Polymer Synthesis **2019**, 309-344		
115	Selective Initiation from Unprotected Aminoalcohols for the N-Heterocyclic Carbene-Organocatalyzed Ring-Opening Polymerization of 2-Methyl-N-tosyl Aziridine: Telechelic and Block Copolymer Synthesis. *Macromolecules*, **2018**, 51, 2533-2541	5.5	29
114	Facile synthesis of reversibly crosslinked poly(ionic liquid)-type gels: Recyclable supports for organocatalysis by N-heterocyclic carbenes. *European Polymer Journal*, **2018**, 107, 82-88	5.2	8

113	Alcohol- and Water-Tolerant Living Anionic Polymerization of Aziridines. *Macromolecules*, **2018**, 51, 5713-5719	5.5	18
112	Poly(arylene vinylene) Synthesis via a Precursor Step-Growth Polymerization Route Involving the Ramberg–Bäcklund Reaction as a Key Post-Chemical Modification Step. *Macromolecules*, **2018**, 51, 5852-5862	5.5	5
111	Partially Biosourced Poly(1,2,3-triazolium)-Based Diblock Copolymers Derived from Levulinic Acid. *Macromolecules*, **2018**, 51, 5820-5830	5.5	14
110	Unexpected Synthesis of Segmented Poly(hydroxyurea-urethane)s from Dicyclic Carbonates and Diamines by Organocatalysis. *Macromolecules*, **2018**, 51, 5556-5566	5.5	37
109	Extending the Scope of Benign and Thermally Stable Organocatalysts: Application of Dibenzoylmethane for the Bulk Copolymerization of l-Lactide and e-Caprolactone. *Journal of Polymer Science Part A*, **2018**, 56, 475-479	2.5	7
108	Benzoic acid-organocatalyzed ring-opening (co)polymerization (ORO(c)P) of L-lactide and ε-caprolactone under solvent-free conditions: from simplicity to recyclability. *Green Chemistry*, **2018**, 20, 5385-5396	10	13
107	Isoselective Ring-Opening Polymerization of rac-Lactide from Chiral Takemoto's Organocatalysts: Elucidation of Stereocontrol. *ACS Macro Letters*, **2018**, 7, 1413-1419	6.6	35
106	Reversible ionically-crosslinked single chain nanoparticles as bioinspired and recyclable nanoreactors for N-heterocyclic carbene organocatalysis. *Polymer Chemistry*, **2018**, 9, 5286-5294	4.9	12
105	Pd(II)–NHC coordination-driven formation of water-soluble catalytically active single chain nanoparticles. *Polymer Chemistry*, **2018**, 9, 3199-3204	4.9	16
104	Fluorinated Poly(ionic liquid) Diblock Copolymers Obtained by Cobalt-Mediated Radical Polymerization-Induced Self-Assembly. *ACS Macro Letters*, **2017**, 6, 121-126	6.6	44
103	Non-Isocyanate Polyurethane Soft Nanoparticles Obtained by Surfactant-Assisted Interfacial Polymerization. *Langmuir*, **2017**, 33, 1959-1968	4	28
102	Organic Lewis Pairs Based on Phosphine and Electrophilic Silane for the Direct and Controlled Polymerization of Methyl Methacrylate: Experimental and Theoretical Investigations. *Macromolecules*, **2017**, 50, 762-774	5.5	28
101	Innovative polyelectrolytes/poly(ionic liquid)s for energy and the environment. *Polymer International*, **2017**, 66, 1119-1128	3.3	33
100	Intramolecular Quaternization as Folding Strategy for the Synthesis of Catalytically Active Imidazolium-Based Single Chain Nanoparticles. *ACS Macro Letters*, **2017**, 6, 489-494	6.6	25
99	Expanding the scope of N-heterocyclic carbene-organocatalyzed ring-opening polymerization of N-tosyl aziridines using functional and non-activated amine initiators. *European Polymer Journal*, **2017**, 95, 746-755	5.2	25
98	Hyperbranched polyesters by polycondensation of fatty acid-based ABn-type monomers. *Green Chemistry*, **2017**, 19, 259-269	10	29
97	Update and challenges in organo-mediated polymerization reactions. *Progress in Polymer Science*, **2016**, 56, 64-115	29.6	226
96	Direct one-pot synthesis of poly(ionic liquid) nanogels by cobalt-mediated radical cross-linking copolymerization in organic or aqueous media. *Polymer Chemistry*, **2016**, 7, 2521-2530	4.9	12

95	One-Pot Synthesis of Double Poly(Ionic Liquid) Block Copolymers by Cobalt-Mediated Radical Polymerization-Induced Self-Assembly (CMR-PISA) in Water. *Macromolecular Rapid Communications*, **2016**, 37, 1181-7	4.8	35
94	Imidazolium-Based Poly(Ionic Liquid)s Featuring Acetate Counter Anions: Thermally Latent and Recyclable Precursors of Polymer-Supported N-Heterocyclic Carbenes for Organocatalysis. *Macromolecular Rapid Communications*, **2016**, 37, 1143-9	4.8	27
93	The organocatalytic ring-opening polymerization of N-tosyl aziridines by an N-heterocyclic carbene. *Chemical Communications*, **2016**, 52, 9719-22	5.8	40
92	All Poly(ionic liquid)-Based Block Copolymers by Sequential Controlled Radical Copolymerization of Vinylimidazolium Monomers. *Macromolecules*, **2015**, 48, 5230-5243	5.5	33
91	Crystallisation-driven self-assembly of poly(2-isopropyl-2-oxazoline)-block-poly(2-methyl-2-oxazoline) above the LCST. *Soft Matter*, **2015**, 11, 3354-9	3.6	37
90	Synthesis of Polyurethanes Using Organocatalysis: A Perspective. *Macromolecules*, **2015**, 48, 3153-3165	5.5	180
89	Tailored drug-release from multi-functional polymer-peptide hybrid vesicles. *European Polymer Journal*, **2015**, 62, 363-373	5.2	23
88	Aldehyde-functional copolymers based on poly(2-oxazoline) for post-polymerization modification. *European Polymer Journal*, **2015**, 62, 322-330	5.2	29
87	From the N-Heterocyclic Carbene-Catalyzed Conjugate Addition of Alcohols to the Controlled Polymerization of (Meth)acrylates. *Chemistry - A European Journal*, **2015**, 21, 9447-53	4.8	21
86	Functional mesoporous poly(ionic liquid)-based copolymer monoliths: From synthesis to catalysis and microporous carbon production. *Polymer*, **2014**, 55, 3423-3430	3.9	73
85	Post-polymerization modification and organocatalysis using reactive statistical poly(ionic liquid)-based copolymers. *Polymer*, **2014**, 55, 3404-3414	3.9	37
84	Cyclodimerization versus polymerization of methyl methacrylate induced by N-heterocyclic carbenes: a combined experimental and theoretical study. *Chemistry - A European Journal*, **2014**, 20, 3989-97	4.8	34
83	Enzyme-degradable self-assembled nanostructures from polymer-peptide hybrids. *Biomacromolecules*, **2014**, 15, 1882-8	6.9	54
82	One-Pot Synthesis and PEGylation of Hyperbranched Polyacetals with a Degree of Branching of 100%. *Macromolecules*, **2014**, 47, 1532-1542	5.5	32
81	Precision synthesis of poly(ionic liquid)-based block copolymers by cobalt-mediated radical polymerization and preliminary study of their self-assembling properties. *Macromolecular Rapid Communications*, **2014**, 35, 422-30	4.8	39
80	Direct Route to Well-Defined Poly(ionic liquid)s by Controlled Radical Polymerization in Water. *ACS Macro Letters*, **2014**, 3, 1276-1280	6.6	39
79	pH and redox responsive hydrogels and nanogels made from poly(2-ethyl-2-oxazoline). *Polymer Chemistry*, **2013**, 4, 4801	4.9	43
78	Poly(ionic liquid)s based on imidazolium hydrogen carbonate monomer units as recyclable polymer-supported N-heterocyclic carbenes: Use in organocatalysis. *Journal of Polymer Science Part A*, **2013**, 51, 4530-4540	2.5	53

77	N-Heterocyclic carbenes (NHCs) as organocatalysts and structural components in metal-free polymer synthesis. *Chemical Society Reviews*, **2013**, 42, 2142-72	58.5	417
76	Azolium hydrogen carbonates and azolium carboxylates as organic pre-catalysts for N-heterocyclic carbene-catalysed group transfer and ring-opening polymerisations. *Polymer Chemistry*, **2013**, 4, 1995	4.9	22
75	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. *Journal of the American Chemical Society*, **2012**, 134, 6776-84	16.4	138
74	Imidazolium hydrogen carbonates versus imidazolium carboxylates as organic precatalysts for N-heterocyclic carbene catalyzed reactions. *Journal of Organic Chemistry*, **2012**, 77, 10135-44	4.2	67
73	Tris(2,4,6-trimethoxyphenyl)phosphine (TTMPP) as Potent Organocatalyst for Group Transfer Polymerization of Alkyl (Meth)acrylates. *Macromolecules*, **2012**, 45, 7711-7718	5.5	25
72	N-Heterocyclic carbene-catalysed synthesis of polyurethanes. *Polymer Chemistry*, **2012**, 3, 605	4.9	43
71	From Star-Like to Dendrimer-Like Polymers **2012**, 819-840		1
70	From Stars to Microgels **2011**, 1007-1056		3
69	Poly(N-heterocyclic-carbene)s and their CO2 Adducts as Recyclable Polymer-Supported Organocatalysts for Benzoin Condensation and Transesterification Reactions. *Macromolecules*, **2011**, 44, 1900-1908	5.5	125
68	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. *Polymer Chemistry*, **2011**, 2, 1706	4.9	54
67	Nanogels based on poly(vinyl acetate) for the preparation of patterned porous films. *Langmuir*, **2011**, 27, 4290-5	4	9
66	Synthesis of 1-Vinyl-3-ethylimidazolium-Based Ionic Liquid (Co)polymers by Cobalt-Mediated Radical Polymerization. *Macromolecules*, **2011**, 44, 6397-6404	5.5	65
65	Polymer support of single-site catalysts for heterogeneous olefin polymerization. *Progress in Polymer Science*, **2011**, 36, 89-126	29.6	76
64	pH and temperature responsive polymeric micelles and polymersomes by self-assembly of poly[2-(dimethylamino)ethyl methacrylate]-b-poly(glutamic acid) double hydrophilic block copolymers. *Langmuir*, **2010**, 26, 10546-54	4	153
63	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 Heterodifunctionalized Poly(ethylene oxide)s. *Macromolecules*, **2010**, 43, 2814-2823	5.5	72
62	Expanding the Scope of Group Transfer Polymerization UsingN-Heterocyclic Carbenes as Catalysts: Application to Miscellaneous (Meth)acrylic Monomers and Kinetic Investigations. *Macromolecules*, **2010**, 43, 8853-8861	5.5	58
61	Metal-free and solvent-free access to alpha,omega-heterodifunctionalized poly(propylene oxide)s by N-heterocyclic carbene-induced ring opening polymerization. *Chemical Communications*, **2010**, 46, 3203-5	5.8	85
60	Block copolymer micelles as nanoreactors for single-site polymerization catalysts. *Journal of Polymer Science Part A*, **2009**, 47, 197-209	2.5	29

59	A comprehensive investigation into controlled/living chain growth crosslinking copolymerization including a back to basics modeling. *Journal of Polymer Science Part A*, **2009**, 47, 5313-5327	2.5	30
58	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. *Journal of the American Chemical Society*, **2009**, 131, 3201-9	16.4	144
57	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. *Macromolecules*, **2009**, 42, 7292-7298	5.5	34
56	Group Transfer Polymerization of (Meth)acrylic Monomers Catalyzed by N-Heterocyclic Carbenes and Synthesis of All Acrylic Block Copolymers: Evidence for an Associative Mechanism. *Macromolecules*, **2009**, 42, 5996-6005	5.5	103
55	Polymeric Vesicles and Micelles Obtained by Self-Assembly of Ionic Liquid-Based Block Copolymers Triggered by Anion or Solvent Exchange. *Macromolecules*, **2009**, 42, 5167-5174	5.5	89
54	Micelles and polymersomes obtained by self-assembly of dextran and polystyrene based block copolymers. *Biomacromolecules*, **2009**, 10, 32-40	6.9	84
53	Step-Growth Polymerization of Terephthaldehyde Catalyzed by N-Heterocyclic Carbenes. *Macromolecules*, **2009**, 42, 4932-4936	5.5	42
52	Janus-type dendrimer-like poly(ethylene oxide)s. *Journal of the American Chemical Society*, **2008**, 130, 11662-76	16.4	77
51	Synthesis by RAFT and Ionic Responsiveness of Double Hydrophilic Block Copolymers Based on Ionic Liquid Monomer Units. *Macromolecules*, **2008**, 41, 6299-6308	5.5	172
50	Synthesis and Self-Assembly in Bulk of Linear and Mikto-Arm Star Block Copolymers Based on Polystyrene and Poly(glutamic acid). *Macromolecules*, **2008**, 41, 1384-1392	5.5	83
49	Synthesis of Block Copolypeptides by Click Chemistry. *Macromolecular Rapid Communications*, **2008**, 29, 1147-1155	4.8	49
48	Synthesis of Poly(vinyl acetate) Nanogels by Xanthate-Mediated Radical Crosslinking Copolymerization. *Macromolecular Rapid Communications*, **2008**, 29, 1965-1972	4.8	42
47	Harnessing the potential of N-heterocyclic carbenes for the rejuvenation of group-transfer polymerization of (meth)acrylics. *Angewandte Chemie - International Edition*, **2008**, 47, 5390-3	16.4	113
46	Harnessing the Potential of N-Heterocyclic Carbenes for the Rejuvenation of Group-Transfer Polymerization of (Meth)Acrylics. *Angewandte Chemie*, **2008**, 120, 5470-5473	3.6	19
45	Bouquet-type dendrimerlike poly(ethylene oxide)s with a focal aldehyde and peripheral hydroxyls. *Biomacromolecules*, **2007**, 8, 2374-8	6.9	22
44	Synthesis and Characterization of Diaminodithio- and Aminotrithiophosphoric Acid Esters. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2007**, 182, 1233-1244	1	14
43	A Versatile Synthetic Approach to Polypeptide Based Rod Coil Block Copolymers by Click Chemistry. *Macromolecules*, **2007**, 40, 5653-5661	5.5	175
42	Thermoresponsive micelles from Jeffamine-b-poly(L-glutamic acid) double hydrophilic block copolymers. *Langmuir*, **2007**, 23, 11526-33	4	65

41	Polystyrene-b-poly(tert-butyl acrylate) and polystyrene-b-poly(acrylic acid) dendrimer-like copolymers: two-dimensional self-assembly at the air-water interface. *Langmuir*, **2007**, 23, 2531-8	4	38
40	Dendrimer-like polymers: a new class of structurally precise dendrimers with macromolecular generations. *New Journal of Chemistry*, **2007**, 31, 1097	3.6	67
39	pH responsiveness of dendrimer-like poly(ethylene oxide)s. *Journal of the American Chemical Society*, **2006**, 128, 11551-62	16.4	92
38	Water soluble polymeric nanogels by xanthate-mediated radical crosslinking copolymerisation. *Chemical Communications*, **2006**, 1953-5	5.8	46
37	Benzophenone-functionalized, starlike polystyrenes as organic supports for a tridentate bis(imino)pyridinyliron/trimethylaluminum catalytic system for ethylene polymerization. *Journal of Polymer Science Part A*, **2006**, 44, 6997-7007	2.5	14
36	Controlled polymerizations as tools for the design of star-like and dendrimer-like polymers. *Polymer International*, **2006**, 55, 1138-1145	3.3	54
35	Direct Synthetic Strategies to Hydrophilic Starlike Polymers by MADIX. *ACS Symposium Series*, **2006**, 578-594	3.4	8
34	MALDI-TOF Analysis of Dendrimer-like Poly(ethylene oxide)s. *Macromolecules*, **2005**, 38, 10609-10613	5.5	21
33	Polystyrene-block-poly(ethylene oxide) stars as surface films at the air/water interface. *Langmuir*, **2005**, 21, 7380-9	4	35
32	Synthesis of Dendrimer-Like Polystyrene by Atom Transfer Radical Polymerization and Investigation of Their Viscosity Behavior. *Macromolecules*, **2005**, 38, 3120-3128	5.5	85
31	AFM study of micelle chaining in surface films of polystyrene-block-poly(ethylene oxide) stars at the air/water interface. *Langmuir*, **2005**, 21, 3424-31	4	44
30	Toward an easy access to dendrimer-like poly(ethylene oxide)s. *Journal of the American Chemical Society*, **2005**, 127, 10956-66	16.4	119
29	Synthesis and Investigation of Surface Properties of Dendrimer-like Copolymers Based on Polystyrene and Poly(tert-butylacrylate). *Macromolecules*, **2005**, 38, 5459-5467	5.5	54
28	Towards an easy access to amphiphilic rod-coil miktoarm star copolymers. *Chemical Communications*, **2005**, 1993-5	5.8	62
27	Functionalized Star-Like Polystyrenes as Organic Supports of a Tridentate Bis(imino)pyridinyliron/Aluminic Derivative Catalytic System for Ethylene Polymerization. *Macromolecular Rapid Communications*, **2005**, 26, 1619-1625	4.8	28
26	Synthesis of Multifunctional Dithioesters Using Tetraphosphorus Decasulfide and Their Behavior as RAFT Agents. *Macromolecules*, **2004**, 37, 5513-5519	5.5	75
25	Closer to the "ideal recoverable catalyst" for atom transfer radical polymerization using a molecular non-fluorous thermomorphic system. *Journal of the American Chemical Society*, **2004**, 126, 7764-5	16.4	50
24	Synthesis of Water-Soluble Star-Block and Dendrimer-like Copolymers Based on Poly(ethylene oxide) and Poly(acrylic acid). *Macromolecules*, **2003**, 36, 3874-3881	5.5	141

23	SAXS from Four-Arm Polyelectrolyte Stars in Semi-Dilute Solutions. *Macromolecular Chemistry and Physics*, **2003**, 204, 89-97	2.6	20
22	Reaction of Cyclic Tetrathiophosphates with Carboxylic Acids as a Means to Generate Dithioesters and Control Radical Polymerization By RAFT. *Angewandte Chemie*, **2003**, 115, 2975-2978	3.6	3
21	Reaction of cyclic tetrathiophosphates with carboxylic acids as a means to generate dithioesters and control radical polymerization by RAFT. *Angewandte Chemie - International Edition*, **2003**, 42, 2869-72	16.4	50
20	Polymerization of ethylene oxide with a calixarene-based precursor: Synthesis of eight-arm poly(ethylene oxide) stars by the core-first methodology. *Journal of Polymer Science Part A*, **2003**, 41, 1669-1676	2.5	58
19	Synthesis of functionalized multiarm poly(ethylene oxide) stars. *Polymer*, **2003**, 44, 5067-5074	3.9	38
18	Association of Adhesive Spheres Formed by Hydrophobically End-Capped PEO. 2. Influence of the Alkyl End-Group Length and the Chain Backbone Architecture. *Macromolecules*, **2003**, 36, 1341-1348	5.5	42
17	Synthesis and Surface Properties of Amphiphilic Star-Shaped and Dendrimer-like Copolymers Based on Polystyrene Core and Poly(ethylene oxide) Corona. *Macromolecules*, **2003**, 36, 8253-8259	5.5	145
16	Xanthates as Chain-Transfer Agents in Controlled Radical Polymerization (MADIX): Structural Effect of the O-Alkyl Group. *Macromolecular Rapid Communications*, **2002**, 23, 1049-1054	4.8	167
15	Aggregation and Surface Morphology of a Poly(ethylene oxide)-block-polystyrene Three-Arm Star Polymer at the Air/Water Interface Studied by AFM. *Macromolecules*, **2002**, 35, 6483-6485	5.5	43
14	Toward an Easy Access to Asymmetric Stars and Miktoarm Stars by Atom Transfer Radical Polymerization. *Macromolecules*, **2002**, 35, 9001-9008	5.5	100
13	Synthesis and characterization of linear, hyperbranched, and dendrimer-like polymers constituted of the same repeating unit. *Chemistry - A European Journal*, **2001**, 7, 3095-105	4.8	74
12	Direct Synthesis of Double Hydrophilic Statistical Di- and Triblock Copolymers Comprised of Acrylamide and Acrylic Acid Units via the MADIX Process. *Macromolecular Rapid Communications*, **2001**, 22, 1497	4.8	143
11	Stars and dendrimer-like architectures by the divergent method using controlled radical polymerization. *Macromolecular Symposia*, **2001**, 174, 333-341	0.8	42
10	Amphiphilic Stars and Dendrimer-Like Architectures Based on Poly(Ethylene Oxide) and Polystyrene. *Macromolecules*, **2000**, 33, 5418-5426	5.5	211
9	Scope of the Copper Halide/Bipyridyl System Associated with Calixarene-Based Multihalides for the Synthesis of Well-Defined Polystyrene and Poly(meth)acrylate Stars. *Macromolecules*, **2000**, 33, 7261-7274	5.5	100
8	Atom Transfer Radical Polymerization of Styrene Using a Novel Octafunctional Initiator: Synthesis of Well-Defined Polystyrene Stars. *Macromolecules*, **1998**, 31, 7218-7225	5.5	296
7	Novel amphiphilic branched copolymers based on polystyrene and poly(ethylene oxide). *Macromolecular Chemistry and Physics*, **1998**, 199, 2501-2510	2.6	48
6	Synthesis and Characterization of C60 End-Capped Poly(ethylene oxide) Stars. *Macromolecules*, **1998**, 31, 6030-6033	5.5	26

5	Synthesis and thermal properties of side-chain liquid-crystalline poly(glycidyl ethers) with racemic and chiral backbone. *Macromolecular Chemistry and Physics*, **1995**, 196, 2941-2954	2.6	17
4	Synthesis of chiral and racemic functional polymers from glycidol and thioglycidol. *Macromolecular Chemistry and Physics*, **1994**, 195, 139-148	2.6	134
3	Macromolecular Design by Interchange of Xanthates: Background, Design, Scope and Applications373-421		34
2	Guidelines for Synthesizing Block Copolymers9-38		5
1	Macromolecular Engineering by Controlled/Living Radical Polymerization775-844		6