

Marinos Pitsikalis

List of Publications by Year in descending order

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108
papers

6,793
citations

136950

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4690
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#	ARTICLE	IF	CITATIONS
1	Recent Advances in the Synthesis of Complex Macromolecular Architectures Based on Poly(N-vinyl) Tj ETQq1 1 0.784314 rgBT ₁₀ /Overlo	4.5	10
2	Statistical Copolymers of N-Vinylpyrrolidone and Isobornyl Methacrylate via Free Radical and RAFT Polymerization: Monomer Reactivity Ratios, Thermal Properties, and Kinetics of Thermal Decomposition. <i>Polymers</i> , 2021, 13, 778.	4.5	7
3	Thermal Stability and Kinetics of Thermal Decomposition of Statistical Copolymers of N-Vinylpyrrolidone and Alkyl Methacrylates Synthesized via RAFT Polymerization. <i>Journal of Chemistry</i> , 2021, 2021, 1-12.	1.9	6
4	Micellization Behaviour of Linear and Nonlinear Block Copolymers Based on Poly(n-hexyl isocyanate) in Selective Solvents. <i>Polymers</i> , 2020, 12, 1678.	4.5	5
5	Supramolecular Triblock Copolymers Through the Formation of Hydrogen Bonds: Synthesis, Characterization, Association Effects in Solvents of Different Polarity. <i>Polymers</i> , 2020, 12, 468.	4.5	3
6	Synthesis and characterization of low molar mass end-functionalized homo- and copolymers with ureidopyrimidone, UPy groups. <i>Colloid and Polymer Science</i> , 2020, 298, 637-651.	2.1	2
7	copolymers. Synthesis, characterization, micellization behavior in aqueous solutions and encapsulation of model hydrophobic compounds. <i>Journal of Polymer Science</i> , 2020, 58, 1582-1600.	3.8	3
8	Macromolecular Brushes Based on Poly(L-Lactide) and Poly(ϵ -Caprolactone) Single and Double Macromonomers via ROMP. Synthesis, Characterization and Thermal Properties. <i>Polymers</i> , 2019, 11, 1606.	4.5	5
9	Statistical copolymerization of N-vinyl-pyrrolidone and alkyl methacrylates via RAFT: reactivity ratios and thermal analysis. <i>Journal of Polymer Research</i> , 2019, 26, 1.	2.4	11
10	Statistical Copolymers of n-Butyl Vinyl Ether and 2-Chloroethyl Vinyl Ether via Metallocene-Mediated Cationic Polymerization. A Scaffold for the Synthesis of Graft Copolymers. <i>Polymers</i> , 2019, 11, 1510.	4.5	6
11	Statistical copolymers of N-vinylpyrrolidone and benzyl methacrylate via RAFT: Monomer reactivity ratios, thermal properties and kinetics of thermal decomposition. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2018, 55, 222-230.	2.2	15
12	Complex Brush-Like Macromolecular Architectures via Anionic and Ring Opening Metathesis Polymerization: Synthesis, Characterization, and Thermal Properties. <i>Macromolecular Chemistry and Physics</i> , 2018, 219, 1700253.	2.2	10
13	Employing (half) ϵ -titanocene complexes as initiators for the synthesis of end-functionalized polylactides by coordination polymerization. <i>Journal of Polymer Science Part A</i> , 2018, 56, 2192-2202.	2.3	6
14	Macromolecular Brushes by Combination of Ring-Opening and Ring-Opening Metathesis Polymerization. Synthesis, Self-Assembly, Thermodynamics, and Dynamics. <i>Macromolecules</i> , 2018, 51, 8940-8955.	4.8	24
15	Poly(urethane-norbornene) Aerogels via Ring Opening Metathesis Polymerization of Dendritic Urethane-Norbornene Monomers: Structure-Property Relationships as a Function of an Aliphatic Versus an Aromatic Core and the Number of Peripheral Norbornene Moieties. <i>Molecules</i> , 2018, 23, 1007.	3.8	22
16	Synthesis and characterization of chiral poly(ϵ -lactide- ϵ -hexyl isocyanate) macromonomers with norbornenyl end groups and their homopolymerization through ring opening metathesis polymerization to afford polymer brushes. <i>Journal of Polymer Science Part A</i> , 2017, 55, 1102-1112.	2.3	10
17	Exploring the interactions of irbesartan and irbesartan-2-hydroxypropyl- β -cyclodextrin complex with model membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2017, 1859, 1089-1098.	2.6	26
18	Statistical copolymers of N-vinylpyrrolidone and 2-(dimethylamino)ethyl methacrylate via RAFT: Monomer reactivity ratios, thermal properties, and kinetics of thermal decomposition. <i>Journal of Polymer Science Part A</i> , 2017, 55, 3776-3787.	2.3	25

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19	Synthesis and characterization of brush diblock and triblock copolymers bearing polynorbornene backbone and poly(ϵ -lactide) and/or poly(hexyl isocyanate) side chains by a combination of coordination and ring opening metathesis polymerization. <i>Journal of Polymer Science Part A</i> , 2017, 55, 3455-3465.	2.3	9
20	Copolymerization of Norbornene and Norbornadiene Using a cis-Selective Bimetallic W-Based Catalytic System. <i>Polymers</i> , 2017, 9, 141.	4.5	10
21	Synthesis, Characterization and Thermal Properties of Poly(ethylene oxide), PEO, Polymacromonomers via Anionic and Ring Opening Metathesis Polymerization. <i>Polymers</i> , 2017, 9, 145.	4.5	31
22	Block copolymers based on 2-methyl- and 2-phenyl-oxazoline by metallocene-mediated cationic ring-opening polymerization: synthesis and characterization. <i>Polymer Chemistry</i> , 2016, 7, 2821-2835.	3.9	13
23	Metallocene-mediated cationic polymerization of vinyl ethers: Kinetics of polymerization and synthesis and characterization of statistical copolymers. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2016, 53, 140-151.	2.2	7
24	Synthesis and characterization of chiral poly(alkyl isocyanates) by coordination polymerization using a chiral half-sandwich zirconocene complex. <i>Journal of Polymer Science Part A</i> , 2015, 53, 2141-2151.	2.3	11
25	Exploring the Reactivity of $\text{Na}[\text{W}_2(\mu\text{-Cl})_3\text{Cl}_4(\text{THF})_2] \cdot \text{TM}(\text{THF})_3$ towards the Polymerization of Selected Cycloolefins. <i>Molecules</i> , 2015, 20, 21896-21908.	3.8	8
26	Statistical Ring Opening Metathesis Copolymerization of Norbornene and Cyclopentene by Grubbs's 1st-Generation Catalyst. <i>Molecules</i> , 2015, 20, 15597-15615.	3.8	9
27	Metathesis Polymerization Reactions Induced by the Bimetallic Complex $(\text{Ph}_4\text{P})_2[\text{W}_2(\mu\text{-Br})_3\text{Br}_6]$. <i>Polymers</i> , 2015, 7, 2611-2624.	4.5	6
28	Statistical Copolymers of 2-Methyl- and 2-Phenyl-oxazoline by Metallocene-Mediated Cationic Ring-Opening Polymerization: Synthesis, Reactivity Ratios, Kinetics of Thermal Decomposition and Self-Assembly Behavior in Aqueous Solutions. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2015, 52, 630-641.	2.2	4
29	Block Copolymers by Anionic Polymerization: Recent Synthetic Routes and Developments. , 2015, , 541-623.		3
30	Complex Branched Polymers. , 2015, , 753-803.		1
31	Synthesis and characterization of a family of Co(II) triphenylamido-amine complexes and catalytic activity in controlled radical polymerization of olefins. <i>Polyhedron</i> , 2013, 52, 78-90.	2.2	8
32	Ring-opening polymerization of ϵ -lactide using half-sandwich zirconocene complexes of the ATiCl_2Nu type: Synthesis, characterization, and thermal properties. <i>Journal of Polymer Science Part A</i> , 2013, 51, 1162-1174.	2.3	11
33	Micellization behavior of model asymmetric miktoarm star copolymers of the AA^2B type, where A is polyisoprene and B is polystyrene. <i>Polymer Journal</i> , 2013, 45, 1216-1223.	2.7	4
34	Statistical copolymers of norbornene and 5-vinyl-2-norbornene by a tungsten complex mediated ring-opening metathesis Polymerization: Synthesis, thermal properties, and kinetics of thermal decomposition. <i>Journal of Polymer Science Part A</i> , 2013, 51, 4835-4844.	2.3	12
35	Ring Opening Metathesis Polymerization of Norbornene and Derivatives by the Triply Bonded Tungsten Complex $\text{Na}[\text{W}_2(\mu\text{-Cl})_3\text{Cl}_4(\text{THF})_2] \cdot (\text{THF})_3$. <i>Polymers</i> , 2012, 4, 1657-1673.	4.5	26
36	Synthesis and Characterization of Complex Macromolecular Architectures Based on Poly(α -olefins) Utilizing a Cs-Symmetry Hafnium Metallocene Catalyst in Combination with Atom Transfer Radical Polymerization (ATRP). <i>Macromolecules</i> , 2011, 44, 1952-1968.	4.8	9

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37	Polymers with Star-Related Structures. , 2011, , 909-972.		14
38	Metallocene-mediated cationic ring-opening polymerization of 2-methyl- and 2-phenyl-oxazoline. Journal of Polymer Science Part A, 2011, 49, 2520-2527.	2.3	13
39	Statistical copolymers of methyl methacrylate and 2-methacryloyloxyethyl ferrocenecarboxylate: Monomer reactivity ratios, thermal and electrochemical properties. Journal of Polymer Science Part A, 2011, 49, 3080-3089.	2.3	17
40	Radical copolymerization of 2-vinyl pyridine and oligo(ethylene glycol) methyl ether methacrylates: Monomer reactivity ratios and thermal properties. European Polymer Journal, 2011, 47, 762-771.	5.4	30
41	Titanium-mediated [CpTiCl ₂ (OEt)] ring-opening polymerization of lactides: A novel route to well-defined polylactide-based complex macromolecular architectures. Journal of Polymer Science Part A, 2010, 48, 1092-1103.	2.3	21
42	Poly(<i>scpd</i> -lactide)- <i>poly</i> (<i>N,N</i> -dimethylamino-2-ethyl methacrylate): Synthesis, Characterization, Micellization Behavior in Aqueous Solutions, and Encapsulation of the Hydrophobic Drug Dipyrindamole. Biomacromolecules, 2010, 11, 430-438.	5.4	52
43	Copolymerization of tetradecene-1 and octene-1 with silyl-protected 10-undecene-1 using a C _s -symmetry hafnium metallocene catalyst. A route to functionalized poly(1-olefins). Journal of Polymer Science Part A, 2009, 47, 876-886.	2.3	24
44	Polymerization of higher 1-olefins using a C _s -symmetry hafnium metallocene catalyst. Kinetics of the polymerization and microstructural analysis. Journal of Polymer Science Part A, 2009, 47, 4314-4325.	2.3	14
45	Controlled vinyl-type polymerization of norbornene with a Nickel(II) diphosphinoamine/methylaluminumoxane catalytic system. Journal of Polymer Science Part A, 2009, 47, 5241-5250.	2.3	27
46	Polymerization of terminal alkynes with a triply bonded ditungsten halo-complex. Journal of Molecular Catalysis A, 2009, 303, 124-131.	4.8	24
47	Synthesis of Well-Defined Polypeptide-Based Materials via the Ring-Opening Polymerization of α -Amino Acid <i>N</i> -Carboxyanhydrides. Chemical Reviews, 2009, 109, 5528-5578.	47.7	485
48	Surface-Initiated Titanium-Mediated Coordination Polymerization from Catalyst-Functionalized Single and Multiwalled Carbon Nanotubes. Macromolecules, 2009, 42, 3340-3346.	4.8	57
49	Catalytic polymerization of alkynes with the quadruply bonded octachloroditungsten anion. Journal of Molecular Catalysis A, 2008, 289, 76-81.	4.8	5
50	Micellization behavior of diblock and triblock copolymers of poly(<i>t</i> -butyl methacrylate) bearing associating short polystyrene end-blocks. European Polymer Journal, 2008, 44, 2687-2694.	5.4	4
51	Complex Macromolecular Architectures Based on <i>n</i> -Hexyl Isocyanate and μ -Caprolactone Using Titanium-Mediated Coordination Polymerization. Macromolecules, 2008, 41, 2426-2438.	4.8	39
52	Molding Block Copolymer Micelles: A Framework for Molding of Discrete Objects on Surfaces. Langmuir, 2008, 24, 12671-12679.	3.5	9
53	Effect of the Soluble Block Size on Spherical Diblock Copolymer Micelles. Macromolecules, 2008, 41, 6555-6563.	4.8	58
54	pH-Responsive Aggregates from Double Hydrophilic Block Copolymers Carrying Zwitterionic Groups. Encapsulation of Antiparasitic Compounds for the Treatment of Leishmaniasis. Langmuir, 2007, 23, 4214-4224.	3.5	36

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55	Novel well-defined star homopolymers and star-block copolymers of poly(n-hexyl isocyanate) by anionic polymerization. <i>Journal of Polymer Science Part A</i> , 2007, 45, 2387-2399.	2.3	12
56	Ring-opening polymerization of lactones using zirconocene catalytic systems: Block copolymerization with methyl methacrylate. <i>Journal of Polymer Science Part A</i> , 2007, 45, 3524-3537.	2.3	34
57	Miktoarm star copolymers of poly(ϵ -caprolactone) from a novel heterofunctional initiator. <i>Journal of Polymer Science Part A</i> , 2007, 45, 5164-5181.	2.3	26
58	Synthesis and morphological characterization of miktoarm star copolymers (PCL) ₂ (PS) ₂ of poly(ϵ -caprolactone) and polystyrene. <i>Journal of Polymer Science Part A</i> , 2007, 45, 5387-5397.	2.3	36
59	Reversible Morphological Transitions of Polystyrene-b-polyisoprene Micelles. <i>Macromolecules</i> , 2006, 39, 309-314.	4.8	113
60	Synthesis of poly(n-hexyl isocyanate-b-N-vinylpyrrolidone) block copolymers by the combination of anionic and nitroxide-mediated radical polymerizations: Micellization properties in aqueous solutions. <i>Journal of Polymer Science Part A</i> , 2006, 44, 5719-5728.	2.3	26
61	Controlled nitroxide-mediated and reversible addition-fragmentation chain transfer polymerization of N-vinylpyrrolidone: Synthesis of block copolymers with styrene and 2-vinylpyridine. <i>Journal of Polymer Science Part A</i> , 2006, 44, 659-665.	2.3	88
62	Macromolecular architectures by living and controlled/living polymerizations. <i>Progress in Polymer Science</i> , 2006, 31, 1068-1132.	24.7	578
63	Linear and non-linear triblock terpolymers. Synthesis, self-assembly in selective solvents and in bulk. <i>Progress in Polymer Science</i> , 2005, 30, 725-782.	24.7	410
64	Statistical copolymers of styrene and 2-vinylpyridine with trimethylsilyl methacrylate and trimethylsilyloxyethyl methacrylate. <i>European Polymer Journal</i> , 2005, 41, 47-54.	5.4	10
65	Clusters of Optimum Size Formed by Hydrophobically Associating Polyelectrolyte in Homogeneous Solutions and in Supernatant Phase in Equilibrium with Macroscopic Physical Gel. <i>Macromolecular Chemistry and Physics</i> , 2005, 206, 173-179.	2.2	27
66	Catalytic conversions in aqueous media: a novel and efficient hydrogenation of polybutadiene-1,4-block-poly(ethylene oxide) catalyzed by Rh/TPPTS complexes in mixed micellar nanoreactors. <i>Journal of Molecular Catalysis A</i> , 2005, 231, 93-101.	4.8	39
67	Influence of the cocatalyst structure on the statistical copolymerization of methyl methacrylate with bulky methacrylates using the zirconocene complex Cp ₂ ZrMe ₂ . <i>Journal of Polymer Science Part A</i> , 2005, 43, 3305-3314.	2.3	13
68	Polymerization of acrylates and bulky methacrylates with the use of zirconocene precursors: Block copolymers with methyl methacrylate. <i>Journal of Polymer Science Part A</i> , 2005, 43, 3337-3348.	2.3	12
69	Anionic polymerization of n-hexyl isocyanate with monofunctional initiators. Synthesis of well-defined diblock copolymers with styrene and isoprene. <i>Journal of Polymer Science Part A</i> , 2005, 43, 3533-3542.	2.3	15
70	Polymerization of n-hexyl isocyanate with CpTiCl ₂ (OR) (R = functional group or macromolecular) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1 <i>Journal of Polymer Science Part A</i> , 2005, 43, 6503-6514.	2.3	21
71	Miscible Polyisoprene/Polystyrene Blends: A Distinct Segmental Dynamics but Homogeneous Terminal Dynamics. <i>Macromolecules</i> , 2005, 38, 6216-6226.	4.8	32
72	Zirconocene-catalyzed copolymerization of methyl methacrylate with other methacrylate monomers. <i>Journal of Polymer Science Part A</i> , 2004, 42, 3761-3774.	2.3	10

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73	Block copolymers of styrene and n-alkyl methacrylates with long alkyl groups. Micellization behavior in selective solvents. <i>Journal of Polymer Science Part A</i> , 2004, 42, 4177-4188.	2.3	19
74	Dilute Polymer Blends: Are the Segmental Dynamics of Isolated Polyisoprene Chains Slaved to the Dynamics of the Host Polymer?. <i>Macromolecules</i> , 2004, 37, 6440-6448.	4.8	47
75	The Influence of the Nature of the Catalytic System on Zirconocene-Catalyzed Polymerization of Alkyl Methacrylates. <i>Macromolecular Chemistry and Physics</i> , 2003, 204, 831-840.	2.2	29
76	The Strength of the Macromonomer Strategy for Complex Macromolecular Architecture: Molecular Characterization, Properties and Applications of Polymacromonomers. <i>Macromolecular Rapid Communications</i> , 2003, 24, 979-1013.	3.9	209
77	Poly(styrene-block-isoprene) nanocomposites: Kinetics of intercalation and effects of copolymer on intercalation behaviors. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2003, 41, 3264-3271.	2.1	15
78	Triblock copolymers and pentablock terpolymers of n-hexyl isocyanate with styrene and isoprene: Synthesis, characterization, and thermal properties. <i>Journal of Polymer Science Part A</i> , 2003, 41, 3094-3102.	2.3	29
79	Complex Macromolecular Architectures Utilizing Metallocene Catalysts. <i>Macromolecules</i> , 2003, 36, 9763-9774.	4.8	42
80	Model linear and star-shaped polyisoprenes with phosphatidylcholine analogous end-groups. Synthesis and association behavior in cyclohexane. <i>Macromolecular Chemistry and Physics</i> , 2002, 203, 2132-2141.	2.2	11
81	Polymers with Complex Architecture by Living Anionic Polymerization. <i>Chemical Reviews</i> , 2001, 101, 3747-3792.	47.7	1,274
82	Component Dynamics in Polyisoprene/Polyvinylethylene Blends Well above T _g . <i>Macromolecules</i> , 2001, 34, 4466-4475.	4.8	65
83	On the Polymerization of Alkyl Methacrylates with the Achiral Dimethylzirconocene Precursor Cp ₂ ZrMe ₂ . <i>Macromolecules</i> , 2001, 34, 4697-4705.	4.8	26
84	Anionic polymerization: High vacuum techniques. <i>Journal of Polymer Science Part A</i> , 2000, 38, 3211-3234.	2.3	541
85	Metallocene-Catalyzed Copolymerization of MMA with Anionically Synthesized Methacryloyl Macromonomers. <i>Macromolecules</i> , 2000, 33, 8925-8930.	4.8	22
86	Block Copolymers of Styrene and Stearyl Methacrylate. Synthesis and Micellization Properties in Selective Solvents. <i>Macromolecules</i> , 2000, 33, 5460-5469.	4.8	48
87	Linear Dynamics of End-Functionalized Polymer Melts: Linear Chains, Stars, and Blends. <i>Macromolecules</i> , 2000, 33, 9740-9746.	4.8	41
88	Well-Defined, Model Long Chain Branched Polyethylene. 1. Synthesis and Characterization. <i>Macromolecules</i> , 2000, 33, 2424-2436.	4.8	153
89	Anionic polymerization: High vacuum techniques. , 2000, 38, 3211.		3
90	Anionic polymerization: High vacuum techniques. <i>Journal of Polymer Science Part A</i> , 2000, 38, 3211-3234.	2.3	392

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91	Controlling the self-assembly and dynamic response of star polymers by selective telechelic functionalization. <i>Journal of Chemical Physics</i> , 1999, 111, 1760-1764.	3.0	43
92	Linking reactions of living polymers with bromomethylbenzene derivatives: Synthesis and characterization of star homopolymers and graft copolymers with polyelectrolyte branches. <i>Journal of Polymer Science Part A</i> , 1999, 37, 4337-4350.	2.3	51
93	Asymmetric Star Polymers: Synthesis and Properties. <i>Advances in Polymer Science</i> , 1999, , 71-127.	0.8	179
94	Functionalized Polymers with Dimethylamine and Sulfozwitterionic End-Groups. <i>ACS Symposium Series</i> , 1998, , 96-120.	0.5	0
95	Nonlinear Block Copolymer Architectures. , 1998, , 1-137.		226
96	Asymmetric Single Graft Block Copolymers: Effect of Molecular Architecture on Morphology. <i>Macromolecules</i> , 1997, 30, 3732-3738.	4.8	63
97	Micellization of Model Graft Copolymers in Dilute Solution. <i>Macromolecules</i> , 1997, 30, 5384-5389.	4.8	51
98	Viscoelasticity and self-diffusion in melts of entangled asymmetric star polymers. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1997, 35, 1943-1954.	2.1	71
99	Effect of Chain Architecture on Adsorption from Dilute Solution: ω -Functionalized Linear and Mono-, Di-, and Tri- ω -functionalized Three-Arm Star Polybutadienes. <i>Langmuir</i> , 1996, 12, 1631-1637.	3.5	12
100	Model Mono-, Di-, and Tri- ω -Functionalized Three-Arm Star Polybutadienes. Association Behavior in Dilute Solution by Dynamic Light Scattering and Viscometry. <i>Macromolecules</i> , 1996, 29, 179-184.	4.8	45
101	Association behavior of linear ω -functionalized polybutadienes in cyclohexane. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1996, 34, 249-259.	2.1	4
102	Direct evidence of star structure from nuclear magnetic resonance spectroscopy. <i>Macromolecular Chemistry and Physics</i> , 1995, 196, 2767-2774.	2.2	11
103	Association behavior of linear ω -functionalized polystyrenes in dilute solutions. <i>Macromolecular Chemistry and Physics</i> , 1995, 196, 4025-4038.	2.2	3
104	Anionic polymerization of isoprene, butadiene and styrene with 3-dimethylaminopropyllithium. <i>Polymer</i> , 1995, 36, 3005-3011.	3.8	22
105	Polymers with amino acids in their side chain: Conformation of poly(N-methacryloyl-L-methionine). <i>Journal of Polymer Science Part A</i> , 1995, 33, 2233-2239.	2.3	10
106	Model Mono-, Di-, and Tri- ω -Functionalized Three-Arm Star Polybutadienes. Synthesis and Association in Dilute Solutions by Membrane Osmometry and Static Light Scattering. <i>Macromolecules</i> , 1995, 28, 3904-3910.	4.8	35
107	Synthesis of Block Copolymers. , 0, , 1-124.		186
108	Macromolecular Architectures by Living and Controlled/Living Polymerizations. , 0, , 343-443.		4