## Marinos Pitsikalis

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Polymers with Complex Architecture by Living Anionic Polymerization. Chemical Reviews, 2001, 101, 3747-3792.	47.7	1,274
2	Macromolecular architectures by living and controlled/living polymerizations. Progress in Polymer Science, 2006, 31, 1068-1132.	24.7	578
3	Anionic polymerization: High vacuum techniques. Journal of Polymer Science Part A, 2000, 38, 3211-3234.	2.3	541
4	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
5	Linear and non-linear triblock terpolymers. Synthesis, self-assembly in selective solvents and in bulk. Progress in Polymer Science, 2005, 30, 725-782.	24.7	410
6	Anionic polymerization: High vacuum techniques. Journal of Polymer Science Part A, 2000, 38, 3211-3234.	2.3	392
7	Nonlinear Block Copolymer Architectures. , 1998, , 1-137.		226
8	The Strength of the Macromonomer Strategy for Complex Macromolecular Architecture: Molecular Characterization, Properties and Applications of Polymacromonomers. Macromolecular Rapid Communications, 2003, 24, 979-1013.	3.9	209
9	Synthesis of Block Copolymers. , 0, , 1-124.		186
10	Asymmetric Star Polymers: Synthesis and Properties. Advances in Polymer Science, 1999, , 71-127.	0.8	179
11	Well-Defined, Model Long Chain Branched Polyethylene. 1. Synthesis and Characterization. Macromolecules, 2000, 33, 2424-2436.	4.8	153
12	Reversible Morphological Transitions of Polystyrene-b-polyisoprene Micelles. Macromolecules, 2006, 39, 309-314.	4.8	113
13	Controlled nitroxide-mediated and reversible addition-fragmentation chain transfer polymerization ofN-vinylpyrrolidone: Synthesis of block copolymers with styrene and 2-vinylpyridine. Journal of Polymer Science Part A, 2006, 44, 659-665.	2.3	88
14	Viscoelasticity and self-diffusion in melts of entangled asymmetric star polymers. Journal of Polymer Science, Part B: Polymer Physics, 1997, 35, 1943-1954.	2.1	71
15	Component Dynamics in Polyisoprene/Polyvinylethylene Blends Well aboveTg. Macromolecules, 2001, 34, 4466-4475.	4.8	65
16	Asymmetric Single Graft Block Copolymers:Â Effect of Molecular Architecture on Morphology. Macromolecules, 1997, 30, 3732-3738.	4.8	63
17	Effect of the Soluble Block Size on Spherical Diblock Copolymer Micelles. Macromolecules, 2008, 41, 6555-6563.	4.8	58
18	Surface-Initiated Titanium-Mediated Coordination Polymerization from Catalyst-Functionalized Single and Multiwalled Carbon Nanotubes. Macromolecules, 2009, 42, 3340-3346.	4.8	57

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19	Poly( <scp>d</scp> <scp>l</scp> -lactide)- <i>b</i> -poly( <i>N,N</i> -dimethylamino-2-ethyl methacrylate): Synthesis, Characterization, Micellization Behavior in Aqueous Solutions, and Encapsulation of the Hydrophobic Drug Dipyridamole. Biomacromolecules, 2010, 11, 430-438.	5.4	52
20	Micellization of Model Graft Copolymers in Dilute Solution. Macromolecules, 1997, 30, 5384-5389.	4.8	51
21	Linking reactions of living polymers with bromomethylbenzene derivatives: Synthesis and characterization of star homopolymers and graft copolymers with polyelectrolyte branches. Journal of Polymer Science Part A, 1999, 37, 4337-4350.	2.3	51
22	Block Copolymers of Styrene and Stearyl Methacrylate. Synthesis and Micellization Properties in Selective Solvents. Macromolecules, 2000, 33, 5460-5469.	4.8	48
23	Dilute Polymer Blends:Â Are the Segmental Dynamics of Isolated Polyisoprene Chains Slaved to the Dynamics of the Host Polymer?. Macromolecules, 2004, 37, 6440-6448.	4.8	47
24	Model Mono-, Di-, and Tri-ï‰-Functionalized Three-Arm Star Polybutadienes. Association Behavior in Dilute Solution by Dynamic Light Scattering and Viscometry. Macromolecules, 1996, 29, 179-184.	4.8	45
25	Controlling the self-assembly and dynamic response of star polymers by selective telechelic functionalization. Journal of Chemical Physics, 1999, 111, 1760-1764.	3.0	43
26	Complex Macromolecular Architectures Utilizing Metallocene Catalysts. Macromolecules, 2003, 36, 9763-9774.	4.8	42
27	Linear Dynamics of End-Functionalized Polymer Melts:Â Linear Chains, Stars, and Blends. Macromolecules, 2000, 33, 9740-9746.	4.8	41
28	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. Journal of Molecular Catalysis A, 2005, 231, 93-101.	4.8	39
29	Complex Macromolecular Architectures Based on <i>n</i> -Hexyl Isocyanate and ϵ-Caprolactone Using Titanium-Mediated Coordination Polymerization. Macromolecules, 2008, 41, 2426-2438.	4.8	39
30	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
31	Synthesis and morphological characterization of miktoarm star copolymers (PCL) <sub>2</sub> (PS) <sub>2</sub> of poly(εâ€caprolactone) and polystyrene. Journal of Polymer Science Part A, 2007, 45, 5387-5397.	2.3	36
32	Model Mono-, Di-, and TriomegaFunctionalized Three-Arm Star Polybutadienes. Synthesis and Association in Dilute Solutions by Membrane Osmometry and Static Light Scattering. Macromolecules, 1995, 28, 3904-3910.	4.8	35
33	Ring-opening polymerization of lactones using zirconocene catalytic systems: Block copolymerization with methyl methacrylate. Journal of Polymer Science Part A, 2007, 45, 3524-3537.	2.3	34
34	Miscible Polyisoprene/Polystyrene Blends:Â Distinct Segmental Dynamics but Homogeneous Terminal Dynamics. Macromolecules, 2005, 38, 6216-6226.	4.8	32
35	Synthesis, Characterization and Thermal Properties of Poly(ethylene oxide), PEO, Polymacromonomers via Anionic and Ring Opening Metathesis Polymerization. Polymers, 2017, 9, 145.	4.5	31
36	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

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37	The Influence of the Nature of the Catalytic System on Zirconocene-Catalyzed Polymerization of Alkyl Methacrylates. Macromolecular Chemistry and Physics, 2003, 204, 831-840.	2.2	29
38	Triblock copolymers and pentablock terpolymers ofn-hexyl isocyanate with styrene and isoprene: Synthesis, characterization, and thermal properties. Journal of Polymer Science Part A, 2003, 41, 3094-3102.	2.3	29
39	Clusters of Optimum Size Formed by Hydrophobically Associating Polyelectrolyte in Homogeneous Solutions and in Supernatant Phase in Equilibrium with Macroscopic Physical Gel. Macromolecular Chemistry and Physics, 2005, 206, 173-179.	2.2	27
40	Controlled vinylâ€ŧype polymerization of norbornene with a Nickel(II) diphosphinoamine/methylaluminoxane catalytic system. Journal of Polymer Science Part A, 2009, 47, 5241-5250.	2.3	27
41	On the Polymerization of Alkyl Methacrylates with the Achiral Dimethylzirconocene Precursor Cp2ZrMe2. Macromolecules, 2001, 34, 4697-4705.	4.8	26
42	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. Journal of Polymer Science Part A, 2006, 44, 5719-5728.	2.3	26
43	Miktoarm star copolymers of poly(ϵâ€caprolactone) from a novel heterofunctional initiator. Journal of Polymer Science Part A, 2007, 45, 5164-5181.	2.3	26
44	Ring Opening Metathesis Polymerization of Norbornene and Derivatives by the Triply Bonded Ditungsten Complex Na[W2(µ-Cl)3Cl4(THF)2]·(THF)3. Polymers, 2012, 4, 1657-1673.	4.5	26
45	Exploring the interactions of irbesartan and irbesartan–2-hydroxypropyl-β-cyclodextrin complex with model membranes. Biochimica Et Biophysica Acta - Biomembranes, 2017, 1859, 1089-1098.	2.6	26
46	Statistical copolymers of <i>N</i> â€vinylpyrrolidone and 2â€{dimethylamino)ethyl methacrylate via RAFT: Monomer reactivity ratios, thermal properties, and kinetics of thermal decomposition. Journal of Polymer Science Part A, 2017, 55, 3776-3787.	2.3	25
47	Copolymerization of tetradeceneâ€1 and octeneâ€1 with silylâ€protected 10â€undecenâ€1â€ol using a C <sub>s</sub> â€symmetry hafnium metallocene catalyst. A route to functionalized poly(αâ€olefins). Journal of Polymer Science Part A, 2009, 47, 876-886.	2.3	24
48	Polymerization of terminal alkynes with a triply bonded ditungsten halo-complex. Journal of Molecular Catalysis A, 2009, 303, 124-131.	4.8	24
49	Macromolecular Brushes by Combination of Ring-Opening and Ring-Opening Metathesis Polymerization. Synthesis, Self-Assembly, Thermodynamics, and Dynamics. Macromolecules, 2018, 51, 8940-8955.	4.8	24
50	Anionic polymerization of isoprene, butadiene and styrene with 3-dimethylaminopropyllithium. Polymer, 1995, 36, 3005-3011.	3.8	22
51	Metallocene-Catalyzed Copolymerization of MMA with Anionically Synthesized Methacryloyl Macromonomers. Macromolecules, 2000, 33, 8925-8930.	4.8	22
52	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. Molecules, 2018, 23, 1007.	3.8	22
53	Polymerization ofn-hexyl isocyanate with CpTiCl2(OR) (R = functional group or macromolecular) Tj ETQq1 1 0.78 Journal of Polymer Science Part A, 2005, 43, 6503-6514.	34314 rgB <sup>⊤</sup> 2.3	[ /Overlock ] 21
54	Titaniumâ€mediated [CpTiCl <sub>2</sub> (OEt)] ringâ€opening polymerization of lactides: A novel route to wellâ€defined polylactideâ€based complex macromolecular architectures. Journal of Polymer Science Part A, 2010, 48, 1092-1103.	2.3	21

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55	Block copolymers of styrene andn-alkyl methacrylates with long alkyl groups. Micellization behavior in selective solvents. Journal of Polymer Science Part A, 2004, 42, 4177-4188.	2.3	19
56	Statistical copolymers of methyl methacrylate and 2â€methacryloyloxyethyl ferrocenecarboxylate: Monomer reactivity ratios, thermal and electrochemical properties. Journal of Polymer Science Part A, 2011, 49, 3080-3089.	2.3	17
57	Poly(styrene-block-isoprene) nanocomposites: Kinetics of intercalation and effects of copolymer on intercalation behaviors. Journal of Polymer Science, Part B: Polymer Physics, 2003, 41, 3264-3271.	2.1	15
58	Anionic polymerization ofn-hexyl isocyanate with monofuctional initiators. Synthesis of well-defined diblock copolymers with styrene and isoprene. Journal of Polymer Science Part A, 2005, 43, 3533-3542.	2.3	15
59	Statistical copolymers of N-vinylpyrrolidone and benzyl methacrylate via RAFT: Monomer reactivity ratios, thermal properties and kinetics of thermal decomposition. Journal of Macromolecular Science - Pure and Applied Chemistry, 2018, 55, 222-230.	2.2	15
60	Polymerization of higher αâ€olefins using a C <sub>s</sub> â€symmetry hafnium metallocene catalyst. Kinetics of the polymerization and microstructural analysis. Journal of Polymer Science Part A, 2009, 47, 4314-4325.	2.3	14
61	Polymers with Star-Related Structures. , 2011, , 909-972.		14
62	Influence of the cocatalyst structure on the statistical copolymerization of methyl methacrylate with bulky methacrylates using the zirconocene complex Cp2ZrMe2. Journal of Polymer Science Part A, 2005, 43, 3305-3314.	2.3	13
63	Metalloceneâ€mediated cationic ringâ€opening polymerization of 2â€methyl―and 2â€phenylâ€oxazoline. Journ of Polymer Science Part A, 2011, 49, 2520-2527.	al 2.3	13
64	Block copolymers based on 2-methyl- and 2-phenyl-oxazoline by metallocene-mediated cationic ring-opening polymerization: synthesis and characterization. Polymer Chemistry, 2016, 7, 2821-2835.	3.9	13
65	Effect of Chain Architecture on Adsorption from Dilute Solution:  ω-Functionalized Linear and Mono-, Di-, and Tri-ω-functionalized Three-Arm Star Polybutadienes. Langmuir, 1996, 12, 1631-1637.	3.5	12
66	Polymerization of acrylates and bulky methacrylates with the use of zirconocene precursors: Block copolymers with methyl methacrylate. Journal of Polymer Science Part A, 2005, 43, 3337-3348.	2.3	12
67	Novel well-defined star homopolymers and star-block copolymers of poly(n-hexyl isocyanate) by anionic polymerization. Journal of Polymer Science Part A, 2007, 45, 2387-2399.	2.3	12
68	Statistical copolymers of norbornene and 5-vinyl-2-norbornene by a ditungsten complex mediated ring-opening metathesis Polymerization: Synthesis, thermal properties, and kinetics of thermal decomposition. Journal of Polymer Science Part A, 2013, 51, 4835-4844.	2.3	12
69	Direct evidence of star structure from nuclear magnetic resonance spectroscopy. Macromolecular Chemistry and Physics, 1995, 196, 2767-2774.	2.2	11
70	Model linear and star-shaped polyisoprenes with phosphatidylcholine analogous end-groups. Synthesis and association behavior in cyclohexane. Macromolecular Chemistry and Physics, 2002, 203, 2132-2141.	2.2	11
71	Ringâ€opening polymerization of <scp>L</scp> â€lactide using halfâ€titanocene complexes of the ATiCl <sub>2</sub> Nu type: Synthesis, characterization, and thermal properties. Journal of Polymer Science Part A, 2013, 51, 1162-1174.	2.3	11
72	Synthesis and characterization of chiral poly(alkyl isocyanates) by coordination polymerization using a chiral halfâ€titanocene complex. Journal of Polymer Science Part A, 2015, 53, 2141-2151.	2.3	11

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73	Statistical copolymerization of N-vinyl-pyrrolidone and alkyl methacrylates via RAFT: reactivity ratios and thermal analysis. Journal of Polymer Research, 2019, 26, 1.	2.4	11
74	Polymers with amino acids in their side chain: Conformation of poly(N-methacryloyl-L-methionine). Journal of Polymer Science Part A, 1995, 33, 2233-2239.	2.3	10
75	Zirconocene-catalyzed copolymerization of methyl methacrylate with other methacrylate monomers. Journal of Polymer Science Part A, 2004, 42, 3761-3774.	2.3	10
76	Statistical copolymers of styrene and 2-vinylpyridine with trimethylsilyl methacrylate and trimethylsilyloxyethyl methacrylate. European Polymer Journal, 2005, 41, 47-54.	5.4	10
77	Synthesis and characterization of chiral poly( <i><scp>l</scp></i> â€lactideâ€ <i>b</i> â€hexyl isocyanate) macromonomers with norbornenyl end groups and their homopolymerization through ring opening metathesis polymerization to afford polymer brushes. Journal of Polymer Science Part A, 2017, 55,	2.3	10
78	Copolymerization of Norbornene and Norbornadiene Using a cis-Selective Bimetallic W-Based Catalytic System. Polymers, 2017, 9, 141.	4.5	10
79	Complex Brushâ€Like Macromolecular Architectures via Anionic and Ring Opening Metathesis Polymerization: Synthesis, Characterization, and Thermal Properties. Macromolecular Chemistry and Physics, 2018, 219, 1700253.	2.2	10
80	Recent Advances in the Synthesis of Complex Macromolecular Architectures Based on Poly(N-vinyl) Tj ETQq0 C	) 0 rgBT /Ov 4.5	erlack 10 Tf 5
81	Molding Block Copolymer Micelles: A Framework for Molding of Discrete Objects on Surfaces. Langmuir, 2008, 24, 12671-12679.	3.5	9
82	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). Macromolecules, 2011, 44, 1952-1968.	4.8	9
83	Statistical Ring Opening Metathesis Copolymerization of Norbornene and Cyclopentene by Grubbs' 1st-Generation Catalyst. Molecules, 2015, 20, 15597-15615.	3.8	9
84	Synthesis and characterization of brush diblock and triblock copolymers bearing polynorbornene backbone and poly( <scp>l</scp> â€lactide) and/or poly(hexyl isocyanate) side chains by a combination of coordination and ring opening metathesis polymerization. Journal of Polymer Science Part A, 2017, 55, 3455-3465	2.3	9
85	Synthesis and characterization of a family of Co(II) triphenylamido-amine complexes and catalytic activity in controlled radical polymerization of olefins. Polyhedron, 2013, 52, 78-90.	2.2	8
86	Exploring the Reactivity of Na[W2(μ-Cl)3Cl4(THF)2]â^™(THF)3 towards the Polymerization of Selected Cycloolefins. Molecules, 2015, 20, 21896-21908.	3.8	8
87	Metallocene-mediated cationic polymerization of vinyl ethers: Kinetics of polymerization and synthesis and characterization of statistical copolymers. Journal of Macromolecular Science - Pure and Applied Chemistry, 2016, 53, 140-151.	2.2	7
88	Statistical Copolymers of N-Vinylpyrrolidone and Isobornyl Methacrylate via Free Radical and RAFT Polymerization: Monomer Reactivity Ratios, Thermal Properties, and Kinetics of Thermal Decomposition. Polymers, 2021, 13, 778.	4.5	7
89	Metathesis Polymerization Reactions Induced by the Bimetallic Complex (Ph4P)2[W2(μ-Br)3Br6]. Polymers, 2015, 7, 2611-2624.	4.5	6
90	Employing (halfâ€)titanocene complexes as initiators for the synthesis of endâ€functionalized polylactides by coordination polymerization. Journal of Polymer Science Part A, 2018, 56, 2192-2202.	2.3	6

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91	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. Polymers, 2019, 11, 1510.	4.5	6
92	Thermal Stability and Kinetics of Thermal Decomposition of Statistical Copolymers of N-Vinylpyrrolidone and Alkyl Methacrylates Synthesized via RAFT Polymerization. Journal of Chemistry, 2021, 2021, 1-12.	1.9	6
93	Catalytic polymerization of alkynes with the quadruply bonded octachloroditungsten anion. Journal of Molecular Catalysis A, 2008, 289, 76-81.	4.8	5
94	Macromolecular Brushes Based on Poly(L-Lactide) and Poly(ε-Caprolactone) Single and Double Macromonomers via ROMP. Synthesis, Characterization and Thermal Properties. Polymers, 2019, 11, 1606.	4.5	5
95	Micellization Behaviour of Linear and Nonlinear Block Copolymers Based on Poly(n-hexyl isocyanate) in Selective Solvents. Polymers, 2020, 12, 1678.	4.5	5
96	Association behavior of linear ?-functionalized polybutadienes in cyclohexane. Journal of Polymer Science, Part B: Polymer Physics, 1996, 34, 249-259.	2.1	4
97	Micellization behavior of diblock and triblock copolymers of poly(t-butyl methacrylate) bearing associating short polystyrene end-blocks. European Polymer Journal, 2008, 44, 2687-2694.	5.4	4
98	Macromolecular Architectures by Living and Controlled/Living Polymerizations. , 0, , 343-443.		4
99	Micellization behavior of model asymmetric miktoarm star copolymers of the AA′B type, where A is polystyrene. Polymer Journal, 2013, 45, 1216-1223.	2.7	4
100	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. Journal of Macromolecular Science - Pure and Applied Chemistry, 2015, 52, 630-641.	2.2	4
101	Association behavior of linear ω-functionalized polystyrenes in dilute solutions. Macromolecular Chemistry and Physics, 1995, 196, 4025-4038.	2.2	3
102	Block Copolymers by Anionic Polymerization: Recent Synthetic Routes and Developments. , 2015, , 541-623.		3
103	Supramolecular Triblock Copolymers Through the Formation of Hydrogen Bonds: Synthesis, Characterization, Association Effects in Solvents of Different Polarity. Polymers, 2020, 12, 468.	4.5	3
104	Anionic polymerization: High vacuum techniques. , 2000, 38, 3211.		3
105	copolymers. Synthesis, characterization, micellization behavior in aqueous solutions and encapsulation of model hydrophobic compounds. Journal of Polymer Science, 2020, 58, 1582-1600.	3.8	3
106	Synthesis and characterization of low molar mass end-functionalized homo- and copolymers with ureidopyrimidone, UPy groups. Colloid and Polymer Science, 2020, 298, 637-651.	2.1	2
107	Complex Branched Polymers. , 2015, , 753-803.		1
108	Functionalized Polymers with Dimethylamine and Sulfozwitterionic End-Groups. ACS Symposium Series, 1998, , 96-120.	0.5	0