

Jimmy W Mays

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/4706190/jimmy-w-mays-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

147
papers

4,606
citations

35
h-index

62
g-index

149
ext. papers

4,972
ext. citations

4.6
avg, IF

5.39
L-index

#	Paper	IF	Citations
147	Architecture- and Composition-Controlled Self-Assembly of Block Copolymers and Binary Mixtures With Crosslinkable Components: Chain Exchange Between Block Copolymer Nanoparticles.. <i>Frontiers in Chemistry</i> , 2022 , 10, 833307	5	0
146	Effects of Asymmetric Molecular Architecture on Chain Stretching and Dynamics in Miktoarm Star Copolymers. <i>Macromolecules</i> , 2021 , 54, 183-194	5.5	1
145	Elongated PEO-based nanoparticles bind the high-density lipoprotein (HDL) receptor scavenger receptor class B I (SR-BI). <i>Journal of Controlled Release</i> , 2021 , 337, 448-457	11.7	2
144	Exploring rheological responses to uniaxial stretching of various entangled polyisoprene melts. <i>Journal of Rheology</i> , 2019 , 63, 763-771	4.1	4
143	Characterizing effects of fast melt deformation on entangled polymers in their glassy state. <i>Journal of Chemical Physics</i> , 2019 , 151, 124906	3.9	2
142	Brittle-ductile transition in uniaxial compression of polymer glasses. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2019 , 57, 758-770	2.6	10
141	Determining the Dilution Exponent for Entangled 1,4-Polybutadienes Using Blends of Near-Monodisperse Star with Unentangled, Low Molecular Weight Linear Polymers. <i>Macromolecules</i> , 2019 , 52, 1757-1771	5.5	6
140	Assessing the Range of Validity of Current Tube Models through Analysis of a Comprehensive Set of Star/Linear 1,4-Polybutadiene Polymer Blends. <i>Macromolecules</i> , 2019 , 52, 7831-7846	5.5	3
139	Superstretchable, Self-Healing Polymeric Elastomers with Tunable Properties. <i>Advanced Functional Materials</i> , 2018 , 28, 1800741	15.6	114
138	Carbon Dioxide Separation: Highly Permeable Oligo(ethylene oxide)-co-poly(dimethylsiloxane) Membranes for Carbon Dioxide Separation (Adv. Sustainable Syst. 4/2018). <i>Advanced Sustainable Systems</i> , 2018 , 2, 1870030	5.9	1
137	Morphological Behavior of A2B Block Copolymers in Thin Films. <i>Macromolecules</i> , 2018 , 51, 1181-1188	5.5	16
136	Highly Permeable Oligo(ethylene oxide)-co-poly(dimethylsiloxane) Membranes for Carbon Dioxide Separation. <i>Advanced Sustainable Systems</i> , 2018 , 2, 1700113	5.9	4
135	All-acrylic superelastomers: facile synthesis and exceptional mechanical behavior. <i>Polymer Chemistry</i> , 2018 , 9, 160-168	4.9	12
134	Design and Synthesis of Multigraft Copolymer Thermoplastic Elastomers: Superelastomers. <i>Macromolecular Chemistry and Physics</i> , 2018 , 219, 1700254	2.6	17
133	Designing superhydrophobic surface based on fluoropolymer/silica nanocomposite via RAFT-mediated polymerization-induced self-assembly. <i>Journal of Polymer Science Part A</i> , 2018 , 56, 266-275	2.5	12
132	Effect of Solvent Quality and Monomer Water Solubility on Soft Nanoparticle Morphology. <i>ACS Symposium Series</i> , 2018 , 117-137	0.4	
131	Improving mechanical properties of carbon nanotube fibers through simultaneous solid-state cycloaddition and crosslinking. <i>Nanotechnology</i> , 2017 , 28, 145603	3.4	16

130	Gas separation mechanism of CO ₂ selective amidoxime-poly(1-trimethylsilyl-1-propyne) membranes. <i>Polymer Chemistry</i> , 2017 , 8, 3341-3350	4.9	18
129	Interfacial Properties of Polymer Nanocomposites: Role of Chain Rigidity and Dynamic Heterogeneity Length Scale. <i>Macromolecules</i> , 2017 , 50, 2397-2406	5.5	87
128	Investigations on the Phase Diagram and Interaction Parameter of Poly(styrene- <i>b</i> -1,3-cyclohexadiene) Copolymers. <i>Macromolecules</i> , 2017 , 50, 2354-2363	5.5	4
127	2-Isopropenyl-2-oxazoline: Well-Defined Homopolymers and Block Copolymers via Living Anionic Polymerization. <i>Macromolecules</i> , 2017 , 50, 54-62	5.5	10
126	Synthesis of poly(styrene- <i>b</i> -4-(tert-butyl)dimethylsiloxy)styrene) block copolymers and characterization of their self-assembled patterns. <i>Molecular Systems Design and Engineering</i> , 2017 , 2, 589-596	4.6	5
125	Solution properties, unperturbed dimensions, and chain flexibility of poly(1-adamantyl acrylate). <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2017 , 55, 1526-1531	2.6	6
124	All acrylic-based thermoplastic elastomers with high upper service temperature and superior mechanical properties. <i>Polymer Chemistry</i> , 2017 , 8, 5741-5748	4.9	23
123	Revealing the Charge Transport Mechanism in Polymerized Ionic Liquids: Insight from High Pressure Conductivity Studies. <i>Chemistry of Materials</i> , 2017 , 29, 8082-8092	9.6	27
122	Metal/Ion Interactions Induced p-i-n Junction in Methylammonium Lead Triiodide Perovskite Single Crystals. <i>Journal of the American Chemical Society</i> , 2017 , 139, 17285-17288	16.4	25
121	Recent Developments in Carbon Fibers and Carbon Nanotube-Based Fibers: A Review. <i>Polymer Reviews</i> , 2017 , 57, 339-368	14	55
120	Block Copolymers: Synthesis, Self-Assembly, and Applications. <i>Polymers</i> , 2017 , 9,	4.5	196
119	Tailor-made thermoreversible functional polymer via RAFT polymerization in an ionic liquid: a remarkably fast polymerization process. <i>Green Chemistry</i> , 2016 , 18, 6115-6122	10	26
118	Unexpected Molecular Weight Effect in Polymer Nanocomposites. <i>Physical Review Letters</i> , 2016 , 116, 038302	7.4	103
117	Effect of Molecular Weight on the Ion Transport Mechanism in Polymerized Ionic Liquids. <i>Macromolecules</i> , 2016 , 49, 4557-4570	5.5	96
116	Challenging Tube and Slip-Link Models: Predicting the Linear Rheology of Blends of Well-Characterized Star and Linear 1,4-Polybutadienes. <i>Macromolecules</i> , 2016 , 49, 4964-4977	5.5	25
115	Fluorinated bottlebrush polymers based on poly(trifluoroethyl methacrylate): synthesis and characterization. <i>Polymer Chemistry</i> , 2016 , 7, 680-688	4.9	31
114	Diblock copolymers of polystyrene- <i>b</i> -poly(1,3-cyclohexadiene) exhibiting unique three-phase microdomain morphologies. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2016 , 54, 1564-1572	2.6	4
113	Poly(1-adamantyl acrylate): Living Anionic Polymerization, Block Copolymerization, and Thermal Properties. <i>Macromolecules</i> , 2016 , 49, 9406-9414	5.5	27

112	High Temperature Thermoplastic Elastomers Synthesized by Living Anionic Polymerization in Hydrocarbon Solvent at Room Temperature. <i>Macromolecules</i> , 2016 , 49, 2646-2655	5.5	31
111	Effect of solvent/polymer infiltration and irradiation on microstructure and tensile properties of carbon nanotube yarns. <i>Journal of Materials Science</i> , 2016 , 51, 10215-10228	4.3	8
110	Impact of chain microstructure on solution and thin film self-assembly of PCHD-based semi-flexible/flexible diblock copolymers. <i>Soft Matter</i> , 2015 , 11, 6509-19	3.6	4
109	Precise synthesis of thermoreversible block copolymers containing reactive furfuryl groups via living anionic polymerization: the counteraction effect on block copolymerization behavior. <i>Polymer Chemistry</i> , 2015 , 6, 6732-6738	4.9	9
108	Multigeometry Nanoparticles: Hybrid Vesicle/Cylinder Nanoparticles Constructed with Block Copolymer Solution Assembly and Kinetic Control. <i>Macromolecules</i> , 2015 , 48, 5621-5631	5.5	33
107	Polystyrene Glasses under Compression: Ductile and Brittle Responses. <i>ACS Macro Letters</i> , 2015 , 4, 107261076	10.76	18
106	In vivo oxidative degradation of polypropylene pelvic mesh. <i>Biomaterials</i> , 2015 , 73, 131-41	15.6	24
105	Effect of Cross-Link Density on Carbon Dioxide Separation in Polydimethylsiloxane-Norbornene Membranes. <i>ChemSusChem</i> , 2015 , 8, 3524-3524	8.3	2
104	Effect of Cross-Link Density on Carbon Dioxide Separation in Polydimethylsiloxane-Norbornene Membranes. <i>ChemSusChem</i> , 2015 , 8, 3595-604	8.3	16
103	Poly(styrene-graft-hyperbranched polyglycidol): synthesis and solution behavior of a hyperbranched polyelectrolyte. <i>RSC Advances</i> , 2015 , 5, 5611-5616	3.7	2
102	Synthesis and Characterization of Graft Copolymers Poly(isoprene-g-styrene) of High Molecular Weight by a Combination of Anionic Polymerization and Emulsion Polymerization. <i>Industrial & Engineering Chemistry Research</i> , 2015 , 54, 1292-1300	3.9	20
101	Macroscopic Properties of Restacked, Redox-Liquid Exfoliated Graphite and Graphite Mimics Produced in Bulk Quantities. <i>Advanced Functional Materials</i> , 2014 , 24, 4969-4977	15.6	4
100	Synthesis and Characterization of Comb and Centipede Multigraft Copolymers PnBA-g-PS with High Molecular Weight Using Miniemulsion Polymerization. <i>Macromolecules</i> , 2014 , 47, 7284-7295	5.5	26
99	Convenient synthesis and morphology of latex particles composed of poly (methyl methacrylate)-b-poly (n-butyl acrylate) by 1, 1-diphenylethylene (DPE) seeded emulsion polymerization. <i>Journal of Polymer Research</i> , 2014 , 21, 1	2.7	5
98	Synthesis and Characterization of Ureidopyrimidone Telechelics by CuAAC Click Reaction: Effect of Tg and Polarity. <i>Macromolecules</i> , 2014 , 47, 5040-5050	5.5	28
97	Control of Self-Assembled Structure through Architecturally and Compositionally Complex Block Copolymer Surfactant Mixtures. <i>Macromolecules</i> , 2014 , 47, 7138-7150	5.5	21
96	Micellization behavior of model asymmetric miktoarm star copolymers of the AA?B type, where A is polyisoprene and B is polystyrene. <i>Polymer Journal</i> , 2013 , 45, 1216-1223	2.7	3
95	Effect of solvents and thermal annealing on the morphology development of a novel block copolymer ionomer: a case study of sulfonated polystyrene-block-fluorinated polyisoprene. <i>Journal of Polymer Engineering</i> , 2013 , 33, 49-59	1.4	3

94	Effect of solvents and thermal annealing on the morphology development of a novel block copolymer ionomer: a case study of sulfonated polystyrene-block-fluorinated polyisoprene; J. Polym. Eng. 2013, 33, 4989. <i>Journal of Polymer Engineering</i> , 2013 , 33, 191-191	1.4	1
93	Thermal Stability of Fluorinated Polydienes Synthesized by Addition of Difluorocarbene. <i>Macromolecular Chemistry and Physics</i> , 2012 , 213, 49-56	2.6	6
92	Macromol. Chem. Phys. 1/2012. <i>Macromolecular Chemistry and Physics</i> , 2012 , 213, 120-120	2.6	
91	Well-Defined Polyisoprene-b-Poly(acrylic acid)/Polystyrene-b-Polyisoprene-b-Poly(acrylic acid) Block Copolymers: Synthesis and Their Self-Assembled Hierarchical Structures in Aqueous Media. <i>ACS Macro Letters</i> , 2012 , 1, 743-747	6.6	9
90	Analytical Rheology of Asymmetric H-Shaped Model Polybutadiene Melts. <i>Macromolecules</i> , 2012 , 45, 5744-5756	5.5	12
89	Morphologies of block copolymers composed of charged and neutral blocks. <i>Soft Matter</i> , 2012 , 8, 3036	3.6	78
88	Model Branched Polymers: Synthesis and Characterization of Asymmetric H-Shaped Polybutadienes. <i>ACS Macro Letters</i> , 2012 , 1, 537-540	6.6	16
87	Novel amphiphilic block copolymers derived from the selective fluorination and sulfonation of poly(styrene-block-1,3-cyclohexadiene). <i>Journal of Polymer Science Part A</i> , 2012 , 50, 338-345	2.5	7
86	Atomistic and Coarse-Grained Molecular Dynamics Simulation of a Cross-Linked Sulfonated Poly(1,3-cyclohexadiene)-Based Proton Exchange Membrane. <i>Macromolecules</i> , 2012 , 45, 6669-6685	5.5	20
85	Combined Synthesis, TGIC Characterization, and Rheological Measurement and Prediction of Symmetric H Polybutadienes and Their Blends with Linear and Star-Shaped Polybutadienes. <i>Macromolecules</i> , 2011 , 44, 7799-7809	5.5	52
84	Fluorine-containing linear block terpolymers: Synthesis and self-assembly in solution. <i>Journal of Polymer Science Part A</i> , 2011 , 49, 414-422	2.5	9
83	Grafting Polymer Loops onto Functionalized Nanotubes: Monitoring Grafting and Loop Formation. <i>Macromolecular Chemistry and Physics</i> , 2011 , 212, 465-477	2.6	8
82	Asymmetrical self-assembly from fluorinated and sulfonated block copolymers in aqueous media. <i>Soft Matter</i> , 2011 , 7, 7960	3.6	14
81	Assembly and Characterization of Well-Defined High-Molecular-Weight Poly(p-phenylene) Polymer Brushes. <i>Chemistry of Materials</i> , 2011 , 23, 4367-4374	9.6	11
80	Tunable morphologies from charged block copolymers. <i>Soft Matter</i> , 2010 , 6, 6146	3.6	33
79	Synthesis of HIPS using an A2B2 Star-Type Graft Copolymer (PB-g-PS). <i>Macromolecular Reaction Engineering</i> , 2010 , 4, 381-386	1.5	1
78	Novel diblock copolymer-grafted multiwalled carbon nanotubes via a combination of living and controlled/living surface polymerizations. <i>Journal of Polymer Science Part A</i> , 2010 , 48, 1104-1112	2.5	21
77	Morphology and Deformation Mechanisms and Tensile Properties of Tetrafunctional Multigraft Copolymers. <i>Macromolecules</i> , 2009 , 42, 4155-4164	5.5	45

76	Forces of interaction between surfaces bearing looped polymer brushes in good solvent. <i>Soft Matter</i> , 2009 , 5, 1897	3.6	13
75	Unprecedented microemulsion boosting effect induced by a charged diblock copolymer: bending modulus and curvature frustration of the surfactant film. <i>Soft Matter</i> , 2009 , 5, 4006	3.6	7
74	Nano-donuts from pH-dependent block restructuring in amphiphilic ABA triblock copolymer vesicles at the air-water interface. <i>Soft Matter</i> , 2009 , 5, 747-749	3.6	15
73	Polymer grafted Janus multi-walled carbon nanotubes. <i>Soft Matter</i> , 2009 , 5, 4272	3.6	36
72	Role of Surface Reorganization on Preferential Adsorption of Macromolecular Ensembles at the Solid/Fluid Interface. <i>Macromolecules</i> , 2009 , 42, 7913-7918	5.5	12
71	Evaluation of the Final Morphology of HIPS Based on the Architecture of the Compatibilizer Graft Copolymer PBd-g-PS. <i>Macromolecular Symposia</i> , 2009 , 283-284, 27-33	0.8	1
70	Micellization coupled with facilitation of J-aggregation for poly(1,3-cyclohexadiene)-based amphiphilic block copolymers. <i>Soft Matter</i> , 2008 , 4, 1605-1608	3.6	14
69	A New Fluorinated Polymer Having Two Connected Rings in the Main Chain: Synthesis and Characterization of Fluorinated Poly(1,3-cyclohexadiene). <i>Macromolecules</i> , 2008 , 41, 266-268	5.5	14
68	Effect of Molecular Structure on Rheological Behavior of Nearly Monodisperse H-Shaped Polybutadienes. <i>AIP Conference Proceedings</i> , 2008 ,	0	1
67	Architecturally and Chemically Modified Poly(1,3-cyclohexadiene). <i>Macromolecular Chemistry and Physics</i> , 2008 , 209, 308-314	2.6	11
66	Anionic Synthesis of Epoxy End-Capped Polymers. <i>Macromolecular Chemistry and Physics</i> , 2007 , 208, 807-814	2.6	10
65	Synthesis and characterization of well-defined [polystyrene-b-poly(2-vinylpyridine)] _n star-block copolymers with poly(2-vinylpyridine) corona blocks. <i>Journal of Polymer Science Part A</i> , 2007 , 45, 3949-3955	3.5	8
64	Synthesis of 3- and 4- Arm Star-Block Copolypeptides using Multifunctional Amino Initiators and High Vacuum Techniques. <i>Macromolecular Symposia</i> , 2006 , 240, 12-17	0.8	11
63	Solution Properties of 1,3-Cyclohexadiene Polymers by Laser Light Scattering and Small-Angle Neutron Scattering. <i>Macromolecules</i> , 2006 , 39, 897-899	5.5	15
62	Effect of temperature on the frictional forces between polystyrene brushes. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2006 , 44, 649-655	2.6	15
61	Homopolymer and block copolymer brushes on gold by living anionic surface-initiated polymerization in a polar solvent. <i>Journal of Polymer Science Part A</i> , 2006 , 44, 769-782	2.5	28
60	Adsorption Mechanisms of Charged, Amphiphilic Diblock Copolymers: The Role of Micellization and Surface Affinity. <i>Macromolecules</i> , 2005 , 38, 5137-5143	5.5	17
59	Role of Branching on the Structure of Polymer Brushes Formed from Comb Copolymers. <i>Macromolecules</i> , 2005 , 38, 2524-2529	5.5	14

58	Noncovalent and Nonspecific Molecular Interactions of Polymers with Multiwalled Carbon Nanotubes. <i>Chemistry of Materials</i> , 2005 , 17, 3389-3397	9.6	331
57	Novel biodegradable amino acid containing anhydride oligomers for orthopedic applications. <i>Journal of Applied Polymer Science</i> , 2005 , 96, 1979-1984	2.9	6
56	Grafting Efficiency of Hydroxy-Terminated Poly(methyl methacrylate) with Multiwalled Carbon Nanotubes. <i>Macromolecular Rapid Communications</i> , 2005 , 26, 481-486	4.8	61
55	Experimental techniques in high-vacuum anionic polymerization. <i>Journal of Polymer Science Part A</i> , 2005 , 43, 6179-6222	2.5	232
54	Feature Article: Experimental Design and Molecular Modeling of Novel Graft Copolymers. <i>Polymer News</i> , 2004 , 29, 302-310		6
53	Heat capacity of poly(butylene terephthalate). <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2004 , 42, 4401-4411	2.6	44
52	Synthesis and Structure-Property Relationships for Regular Multigraft Copolymers. <i>Macromolecular Symposia</i> , 2004 , 215, 111-126	0.8	33
51	Utility of Interaction Chromatography for Probing Structural Purity of Model Branched Copolymers: 4-Miktoarm Star Copolymer. <i>Macromolecules</i> , 2003 , 36, 5834-5838	5.5	34
50	Effect of Molecular Architecture on Dynamics of Multigraft Copolymers: Combs, Centipedes, and Barbwires. <i>Macromolecules</i> , 2003 , 36, 7640-7651	5.5	31
49	Microphase Separation of Cyclic Block Copolymers of Styrene and Butadiene and of Their Corresponding Linear Triblock Copolymers. <i>Macromolecules</i> , 2003 , 36, 148-152	5.5	65
48	Homopolymerization and Block Copolymer Formation in Room-Temperature Ionic Liquids Using Conventional Free-Radical Initiators. <i>ACS Symposium Series</i> , 2002 , 114-124	0.4	6
47	Understanding the Morphologies and Polymerization Mechanism of Homopolymer and Block Copolymer Brushes by Living Anionic Surface Initiated Polymerization. <i>Materials Research Society Symposia Proceedings</i> , 2002 , 734, 361		
46	Synthesis and Characterization of Neutral/Ionic Block Copolymers of Various Architectures. <i>Macromolecules</i> , 2002 , 35, 3433-3438	5.5	34
45	Synthesis of Combs, Centipedes, and Barbwires: Poly(isoprene-graft-styrene) Regular Multigraft Copolymers with Trifunctional, Tetrafunctional, and Hexafunctional Branch Points. <i>Macromolecules</i> , 2002 , 35, 7182-7190	5.5	115
44	Living Anionic Surface-Initiated Polymerization (LASIP) of Styrene from Clay Nanoparticles Using Surface Bound 1,1-Diphenylethylene (DPE) Initiators. <i>Langmuir</i> , 2002 , 18, 4511-4518	4	84
43	A Study of Polyelectrolyte Brushes Formed from Adsorption of Amphiphilic Diblock Copolymers Using the Surface Forces Apparatus. <i>Macromolecules</i> , 2002 , 35, 9480-9486	5.5	170
42	Synthesis of Block Copolymers of Styrene and Methyl Methacrylate by Conventional Free Radical Polymerization in Room Temperature Ionic Liquids. <i>Macromolecules</i> , 2002 , 35, 5738-5741	5.5	143
41	Living Anionic Surface-Initiated Polymerization (LASIP) of a Polymer on Silica Nanoparticles. <i>Langmuir</i> , 2002 , 18, 3324-3331	4	141

40	1,3-Cyclohexadiene Polymers. 1. Anionic Polymerization. <i>Macromolecules</i> , 2001 , 34, 782-786	5.5	64
39	MALDI/TOF/MS as a Method for Characterizing Micelle-Forming Polymers: A MALDI/TOF/MS Study of Amphiphilic Diblock Copolymers Based on Sulfonated Polystyrene. <i>International Journal of Polymer Analysis and Characterization</i> , 2001 , 6, 547-563	1.7	10
38	Surface-Initiated Anionic Polymerization: Tethered Polymer Brushes on Silicate Flat Surfaces. <i>ACS Symposium Series</i> , 2001 , 39-55	0.4	2
37	Living Anionic Surface Initiated Polymerization (SIP) of Styrene from Clay Surfaces. <i>Chemistry of Materials</i> , 2001 , 13, 2465-2467	9.6	98
36	1,3-Cyclohexadiene Polymers. 2. Near-Monodisperse Star and Star-Block Polymers Based on Poly(1,3-cyclohexadiene). <i>Macromolecules</i> , 2001 , 34, 2482-2487	5.5	35
35	1,3-Cyclohexadiene Polymers. 3. Synthesis and Characterization of Poly(1,3-cyclohexadiene-block-styrene). <i>Macromolecules</i> , 2001 , 34, 3540-3547	5.5	39
34	Surface Initiated Polymerization (SIP) on Nanoparticle Surfaces: Demonstration of First Principles and Preparation of Nanocomposite Materials. <i>Materials Research Society Symposia Proceedings</i> , 2001 , 676, 3441		
33	Preparation of soluble, linear titanium-containing copolymers by the free-radical copolymerization of vinyl titanate monomers with styrene. <i>Journal of Applied Polymer Science</i> , 2000 , 78, 190-199	2.9	4
32	Characterization of star-block copolymers having PS-b-PI arms via SEC/RI/RALLS/DV. <i>Polymer Bulletin</i> , 2000 , 44, 301-307	2.4	14
31	MALDI/TOF/MS and SEC Study of Astromol Dendrimers Having Cyano End Groups. <i>Macromolecules</i> , 2000 , 33, 4445-4452	5.5	22
30	Graft Copolymers with Regularly Spaced, Tetrafunctional Branch Points: Morphology and Grain Structure. <i>Macromolecules</i> , 2000 , 33, 2039-2048	5.5	100
29	The development and characterization of a fracture-toughened acrylic for luting total joint arthroplasties. <i>Journal of Biomedical Materials Research Part B</i> , 1999 , 47, 529-36		3
28	Morphological behavior of A2B2 star block copolymers. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1999 , 37, 3392-3400	2.6	39
27	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	2.5	45
26	Morphologies of microphase-separated conformationally asymmetric diblock copolymers 1998 , 35, 2629-2643		14
25	Regular Comb Polystyrenes and Graft Polyisoprene/Polystyrene Copolymers with Double Branches (Centipedes) Quality of (1,3-Phenylene)bis(3-methyl-1-phenylpentylidene)dilithium Initiator in the Presence of Polar Additives. <i>Macromolecules</i> , 1998 , 31, 6697-6701	5.5	125
24	H-shaped double graft copolymers: Effect of molecular architecture on morphology. <i>Journal of Chemical Physics</i> , 1997 , 107, 6460-6469	3.9	28
23	Micellization of Model Graft Copolymers in Dilute Solution. <i>Macromolecules</i> , 1997 , 30, 5384-5389	5.5	48

22	Synthesis and chain flexibility of poly(cyclohexylethyl methacrylate). <i>Polymer Bulletin</i> , 1997 , 38, 235-239	2.4	
21	Synthesis and dilute solution properties of divinylbenzene-linked polystyrene stars with mixed arm lengths: Evidence for coupled stars. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1997 , 35, 141-151	2.6	61
20	A kinetic study of the formation of polystyrene stars using 1,2-bis(trichlorosilyl)ethane. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1997 , 35, 587-594	2.6	9
19	Synthesis and characterization of multiarm star-branched polyisobutylenes: Effect of arm molecular weight. <i>Journal of Polymer Science Part A</i> , 1997 , 35, 3767-3778	2.5	15
18	Reactions of Titanocene Derivatives with Molecular Carboxylic Acids and Copolymers Bearing Carboxylic Acid Groups. <i>Applied Organometallic Chemistry</i> , 1997 , 11, 213-221	3.1	8
17	Morphologies of microphase-separated conformationally asymmetric diblock copolymers 1997 , 35, 2629		1
16	Morphologies of microphase-separated conformationally asymmetric diblock copolymers 1997 , 35, 2629		8
15	Micellization of β -Functionalized Poly(styrene- <i>b</i> -isoprene) Copolymers in n-Decane. <i>Macromolecules</i> , 1996 , 29, 2903-2908	5.5	8
14	Model Mono-, Di-, and Tri- β -Functionalized Three-Arm Star Polybutadienes. Association Behavior in Dilute Solution by Dynamic Light Scattering and Viscometry. <i>Macromolecules</i> , 1996 , 29, 179-184	5.5	44
13	Effects of Ionic Strength and Counterion Valency on Adsorption of Hydrophobically Modified Polyelectrolytes. <i>Macromolecules</i> , 1996 , 29, 7299-7301	5.5	32
12	Micellization of Model Graft Copolymers of the H and β Type in Dilute Solution. <i>Macromolecules</i> , 1996 , 29, 7378-7385	5.5	70
11	Dilute solution properties of randomly branched poly(methyl methacrylate). <i>Journal of Applied Polymer Science</i> , 1996 , 59, 179-188	2.9	35
10	Size exclusion chromatography with multiple detectors: Solution properties of linear chains of varying flexibility in tetrahydrofuran. <i>Journal of Applied Polymer Science</i> , 1996 , 61, 865-874	2.9	81
9	Synthesis and characterization of poly(vinylcyclohexane) derivatives. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1995 , 33, 1527-1536	2.6	38
8	Hydrodynamic properties of model 3-miktoarm star copolymers. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1995 , 33, 1925-1932	2.6	48
7	Dilute solution properties of asymmetric six-arm star polystyrenes. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1995 , 33, 2159-2166	2.6	9
6	Synthesis and characterization of poly(methyl methacrylate) star polymers. <i>Polymer International</i> , 1994 , 33, 171-179	3.3	25
5	The influence of alkylene spacers on conformational and thermal properties of poly(aryl methacrylates). <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1994 , 32, 715-719	2.6	5

4	Synthesis, solution properties, and glass transition temperatures of polymethacrylates with alicyclylmethyl side groups. <i>Macromolecular Chemistry and Physics</i> , 1994 , 195, 173-180	2.6	14
3	An evaluation of the DAWN-B light scattering unit from wyatt technology: Suggested calibration, normalization, and clarification procedures. <i>Journal of Applied Polymer Science</i> , 1993 , 49, 967-973	2.9	6
2	Synthesis and unperturbed dimensions of poly(diphenylmethyl methacrylate). <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1990 , 28, 1881-1889	2.6	8
1	Characteristic Ratios of Polymethacrylates. <i>Journal of Macromolecular Science - Reviews in Macromolecular Chemistry and Physics</i> , 1988 , 28, 371-401		25