Joseph P Kennedy

List of Publications by Year in Descending Order

282 papers	5,805 citations	38 h-index	57 g-index
287 ext. papers	6,086 ext. citations	3 avg, IF	5.52 L-index

#	Paper	IF	Citations
282	Macromolecular Engineering and Additive Manufacturing of Polyisobutylene-Based Thermoplastic Elastomers. II. The Poly(styrene-b-isobutylene-b-styrene)/Poly(phenylene oxide) System.. *Macromolecular Rapid Communications*, **2022**, e2200109	4.8	0
281	Macromolecular Engineering and Additive Manufacturing of Poly(styrene-b-isobutylene-b-styrene). *ACS Applied Polymer Materials*, **2021**, 3, 4554-4562	4.3	2
280	Synthesis, characterization and end-functionalization of a novel telechelic star: styrene hexamer core carrying polyisobutylene arms fitted with allyl termini. *Polymer Bulletin*, **2020**, 77, 5697-5710	2.4	2
279	Calcification resistance of polyisobutylene and polyisobutylene-based materials. *Polymers for Advanced Technologies*, **2019**, 30, 1836-1846	3.2	4
278	High-molecular-weight polyisobutylenes (PIBs) and PIB networks from liquid PIBs by thiol-ene clicking. *Journal of Polymer Science Part A*, **2019**, 57, 1197-1208	2.5	3
277	Minor amounts of glycerol improve the properties of polyisobutylene-based polyurethane and its nanocomposites. *Journal of Polymer Science Part A*, **2019**, 57, 929-935	2.5	
276	Mitsuo Sawamoto: Reflections on the formative years of a great scientist. *Journal of Polymer Science Part A*, **2019**, 57, 199-200	2.5	
275	Low cost bifunctional initiators for bidirectional living cationic polymerization of olefins. II. hyperbranched styrene□isobutylene□styrene triblocks with superior combination of properties. *Journal of Polymer Science Part A*, **2018**, 56, 705-713	2.5	4
274	Low-cost bifunctional initiators for bidirectional living cationic polymerization of olefins. III. centrally functionalized polyisobutylenes. *Journal of Polymer Science Part A*, **2018**, 56, 1140-1145	2.5	6
273	Quantitative preparation of allyl telechelic polyisobutylene under reflux conditions. *Journal of Polymer Science Part A*, **2017**, 55, 1784-1789	2.5	5
272	Low cost bifunctional initiators for bidirectional living cationic polymerization of olefins. I. isobutylene. *Journal of Polymer Science Part A*, **2017**, 55, 3716-3724	2.5	7
271	Polyisobutylene-based polyurethanes. IX. synthesis, characterization, and properties of polyisobutylene-based poly(urethane-ureas). *Journal of Polymer Science Part A*, **2016**, 54, 2361-2369	2.5	6
270	Polyisobutylene-based polyurethanes X: PU nanocomposites with s-containing soft segments. *Journal of Polymer Science Part A*, **2016**, 54, 2760-2765	2.5	5
269	Polyisobutylene-based polyurethanes: VII. structure/property investigations for medical applications. *Journal of Polymer Science Part A*, **2016**, 54, 532-543	2.5	17
268	Polyisobutylene-based polyurethanes. VIII. Polyurethanes with -O-S-PIB-S-O- soft segments. *Journal of Polymer Science Part A*, **2016**, 54, 1119-1131	2.5	7
267	Breathable rubbery skin protectors: Design, synthesis, characterization, and properties of cyanoacrylated silicone rubber networks. *Journal of Polymer Science Part A*, **2016**, 54, 1367-1372	2.5	1
266	Real-Time Monitoring of Chemical and Topological Rearrangements in Solidifying Amphiphilic Polymer Co-Networks: Understanding Surface Demixing. *Langmuir*, **2016**, 32, 3445-51	4	6

265	Rubbery wound closure adhesives. I. design, synthesis, characterization, and testing of polyisobutylene-based cyanoacrylate homo- and co-networks. *Journal of Polymer Science Part A*, **2015**, 53, 1640-1651	2.5	10
264	High Strength Bimodal Amphiphilic Conetworks for Immunoisolation Membranes: Synthesis, Characterization, and Properties. *Macromolecules*, **2015**, 48, 6251-6262	5.5	25
263	Hydrolytically stable polyurethanes. *Journal of Polymer Science Part A*, **2015**, 53, 1-4	2.5	17
262	Rubbery wound closure adhesives. II. initiators for and initiation of 2-octyl cyanoacrylate polymerization. *Journal of Polymer Science Part A*, **2015**, 53, 1652-1659	2.5	7
261	Supramolecular Elastomers: Self-Assembling Star Blocks of Soft Polyisobutylene and Hard Oligo(alanine) Segments. *Macromolecules*, **2015**, 48, 1077-1086	5.5	20
260	Minute amounts of organically modified montmorillonite improve the properties of polyisobutylene-based polyurethanes. *Journal of Polymer Science Part A*, **2013**, 51, 4076-4087	2.5	12
259	Rendering polyureas melt processible. *Journal of Polymer Science Part A*, **2011**, 49, 2461-2467	2.5	5
258	Polyisobutylene-based polyurethanes with unprecedented properties and how they came about. *Journal of Polymer Science Part A*, **2011**, 49, 3891-3904	2.5	29
257	Toward a bioartificial pancreas: diffusion of insulin and IgG across immunoprotective membranes with controlled hydrophilic channel diameters. *Macromolecular Bioscience*, **2010**, 10, 369-77	5.5	25
256	Polyisobutylene-based polyurethanes. V. Oxidative-hydrolytic stability and biocompatibility. *Journal of Polymer Science Part A*, **2010**, 48, 2194-2203	2.5	23
255	Polyisobutylene-based polyurethanes. VI. Unprecedented combination of mechanical properties and oxidative/hydrolytic stability by H-bond acceptor chain extenders. *Journal of Polymer Science Part A*, **2010**, 48, 2361-2371	2.5	25
254	A new bioartificial pancreas utilizing amphiphilic membranes for the immunoisolation of porcine islets: a pilot study in the canine. *ASAIO Journal*, **2009**, 55, 400-5	3.6	27
253	A novel macroencapsulating immunoisolatory device: the preparation and properties of nanomat-reinforced amphiphilic co-networks deposited on perforated metal scaffold. *Biomedical Microdevices*, **2009**, 11, 297-312	3.7	23
252	Polyisobutylene-based segmented polyureas. I. Synthesis of hydrolytically and oxidatively stable polyureas. *Journal of Polymer Science Part A*, **2009**, 47, 38-48	2.5	42
251	Thermoplastic amphiphilic conetworks. *Journal of Polymer Science Part A*, **2009**, 47, 682-691	2.5	2
250	Polyisobutylene-based polyurethanes. II. Polyureas containing mixed PIB/PTMO soft segments. *Journal of Polymer Science Part A*, **2009**, 47, 2787-2797	2.5	43
249	PVA networks grafted with PDMS branches. *Journal of Polymer Science Part A*, **2009**, 47, 5272-5277	2.5	21
248	Polyisobutylene-based polyurethanes. III. Polyurethanes containing PIB/PTMO soft co-segments. *Journal of Polymer Science Part A*, **2009**, 47, 5278-5290	2.5	30

247	PIB-based polyurethanes. IV. The morphology of polyurethanes containing soft co-segments*. *Journal of Polymer Science Part A*, **2009**, 47, 6180-6190	2.5	13
246	Direct probe-atmospheric pressure chemical ionization mass spectrometry of cross-linked copolymers and copolymer blends. *Analytical Chemistry*, **2008**, 80, 7778-85	7.8	39
245	Medical applications of poly(styrene-block-isobutylene-block-styrene) ("SIBS"). *Biomaterials*, **2008**, 29, 448-60	15.6	204
244	Quantitative syntheses of novel polyisobutylenes fitted with terminal primary ?Br, ?OH, ?NH2, and methacrylate termini. *Journal of Polymer Science Part A*, **2008**, 46, 4236-4242	2.5	47
243	Novel amphiphilic conetworks by synthesis and crosslinking of allyl-telechelic block copolymers. *Journal of Polymer Science Part A*, **2008**, 46, 4254-4257	2.5	18
242	Green Polymer Chemistry: II. Enzymatic Synthesis of Methacrylate-Terminated Polyisobutylenes. *Macromolecular Rapid Communications*, **2008**, 29, 1598-1602	4.8	15
241	Novel biostable and biocompatible amphiphilic membranes. *Journal of Biomedical Materials Research - Part A*, **2008**, 87, 69-77	5.4	25
240	Isobutene Polymerization Using Chelating Diboranes:□Reactions of a Hindered Pyridine with Carbocations Bearing ⊟Protons. *Macromolecules*, **2007**, 40, 7421-7424	5.5	14
239	Polymerizability, copolymerizability, and properties of cyanoacrylate-telechelic polyisobutylenes II: copolymerization of three-arm star cyanoacrylate- telechelic polyisobutylene with ethyl cyanoacrylate. *Polymers for Advanced Technologies*, **2007**, 18, 808-813	3.2	6
238	Polymerizability, copolymerizability, and properties of cyanoacrylate-telechelic polyisobutylenes I: three-arm star cyanoacrylate-telechelic polyisobutylene. *Polymers for Advanced Technologies*, **2007**, 18, 800-807	3.2	9
237	Synthesis, characterization and properties of novel highly oxygen permeable amphiphilic membranes. *Journal of Polymer Science Part A*, **2007**, 45, 308-316	2.5	8
236	Synthesis, characterization, and crosslinking of methacrylate-telechelic PDMAAm-b-PDMS-b-PDMAAm copolymers. *Journal of Polymer Science Part A*, **2007**, 45, 4284-4290	2.5	31
235	Third-generation amphiphilic conetworks. III. Permeabilities and mechanical properties. *Journal of Polymer Science Part A*, **2007**, 45, 4276-4283	2.5	28
234	Novel sequential copolymers by elucidating the mechanism of initiation and termination of carbocationic polymerizations. *Journal of Polymer Science, Polymer Symposia*, **2007**, 56, 1-11		7
233	New block copolymers and networks from telechelic prepolymers. *Journal of Polymer Science, Polymer Symposia*, **2007**, 72, 73-75		1
232	Extent of coverage of surfaces treated with hydrophobizing microemulsions: A mass spectrometry and contact angle study. *Applied Surface Science*, **2006**, 252, 3751-3759	6.7	7
231	Amphiphilic conetworks: Definition, synthesis, applications. *Progress in Polymer Science*, **2006**, 31, 1-18	29.6	236
230	Synthesis and mass spectrometry characterization of centrally and terminally amine-functionalized polyisobutylenes. *Journal of Polymer Science Part A*, **2005**, 43, 946-958	2.5	30

229	From thermoplastic elastomers to designed biomaterials. *Journal of Polymer Science Part A*, **2005**, 43, 2951-2963	2.5	36
228	Ideal tetrafunctional amphiphilic PEG/PDMS conetworks by a dual-purpose extender/crosslinker. I. Synthesis. *Journal of Polymer Science Part A*, **2005**, 43, 4953-4964	2.5	41
227	Amphiphilic membranes crosslinked and reinforced by POSS. *Journal of Polymer Science Part A*, **2004**, 42, 4337-4352	2.5	59
226	Carbocationic Polymerizations for Profit and Fun. *Macromolecular Symposia*, **2004**, 215, 191-208	0.8	3
225	Novel block ionomers. III. Mechanical and rheological properties. *Journal of Applied Polymer Science*, **2003**, 88, 1516-1525	2.9	9
224	Synthesis and characterization of two novel star blocks: tCum[poly(isobutylene-b-norbornadiene)]3 and tCum[poly(norbornadiene-b-isobutylene)]3. *Journal of Polymer Science Part A*, **2003**, 41, 740-751	2.5	11
223	Cationic polymerization of norbornadiene. *Journal of Polymer Science Part A*, **2003**, 41, 732-739	2.5	20
222	Novel amphiphilic membranes of poly(N,N-dimethyl acrylamide) crosslinked with octa-methacrylate-telechelic polyisobutylene stars. *Polymer Bulletin*, **2002**, 48, 475-482	2.4	23
221	Novel tricontinuous hydrophilic□pophilic□xyphilic membranes: Synthesis and characterization. *Journal of Polymer Science Part A*, **2002**, 40, 1209-1217	2.5	34
220	Synthesis and burst strength of water-swollen immunoisolatory tubules. *Journal of Polymer Science Part A*, **2002**, 40, 2075-2084	2.5	22
219	Novel block ionomers. I. Synthesis and characterization of polyisobutylene-based block anionomers. *Journal of Polymer Science Part A*, **2002**, 40, 3662-3678	2.5	42
218	Novel tricomponent membranes containing poly(ethylene glycol)/poly(pentamethylcyclopentasiloxane)/poly(dimethylsiloxane) domains. *Journal of Polymer Science Part A*, **2002**, 40, 3093-3102	2.5	20
217	Novel block ionomers II. Synthesis and characterization of polyisobutylene-based block cationomers. *Journal of Polymer Science Part A*, **2002**, 40, 3679-3691	2.5	21
216	Synthesis and characterization of novel poly(vinyl chloride)-based grafts: Poly(vinyl chloride-co-2-chloropropene) fitted with multiple high-glass-transition-temperature polyolefin branches. *Journal of Polymer Science Part A*, **2002**, 40, 3644-3651	2.5	4
215	Synthesis, characterization, and crosslinking of novel stars comprising eight poly(isobutylene-azeotropic-styrene) copolymer arms with allyl or hydroxyl termini. I. Living azeotropic copolymerization of isobutylene and styrene. *Journal of Polymer Science Part A*, **2001**, 39, 1515-1524	2.5	9
214	Synthesis, characterization, and crosslinking of novel stars comprising eight poly(isobutylene-azeotropic-styrene) copolymer arms with allyl or hydroxyl termini. II. Stars of eight isobutylene/styrene azeotropic copolymer arms emanating from a calix[8]arene core. *Journal of Polymer Science Part A*, **2001**, 39, 1525-1532	2.5	8
213	Amphiphilic membranes with controlled mesh dimensions for insulin delivery+. *Macromolecular Symposia*, **2001**, 172, 56-66	0.8	24
212	Designed rubbery biomaterials. *Macromolecular Symposia*, **2001**, 175, 127-132	0.8	22

211	Novel thermoplastic elastomers. III. Synthesis, characterization, and properties of star-block copolymers of poly(indene-b-isobutylene) arms emanating from cyclosiloxane cores. *Journal of Polymer Science Part A*, **2000**, 38, 279-290	2.5	27
210	Amphiphilic networks. XIV. *Polymer Bulletin*, **2000**, 43, 511-518	2.4	19
209	Synthesis, Characterization and Properties of Octa-Arm Polyisobutylene-Based Star Polymers **1999**, 1-38		9
208	Amphiphilic networks XII: synthesis and characterization of quaternized amphiphilic networks derived from polyisobutylene-l-poly(2-(dimethylamino)ethyl methacrylate). *Designed Monomers and Polymers*, **1999**, 2, 29-52	3.1	9
207	Novel thermoplastic elastomers. II. Properties of star-block copolymers of PSt-b-PIB arms emanating from cyclosiloxane cores. *Journal of Polymer Science Part A*, **1999**, 37, 815-824	2.5	37
206	Star-Block polymers of multiple polystyrene-b-polyisobutylene arms radiating from a polydivinylbenzene core. *Journal of Polymer Science Part A*, **1999**, 37, 2235-2243	2.5	18
205	Living cationic polymerization of olefins. How did the discovery come about?. *Journal of Polymer Science Part A*, **1999**, 37, 2285-2293	2.5	95
204	Novel polyisobutylene/polydimethylsiloxane bicomponent networks: III. Tissue compatibility. *Journal of Biomaterials Science, Polymer Edition*, **1999**, 10, 259-69	3.5	24
203	Novel polyisobutylene/poly(dimethylsiloxane) bicomponent networks. I. Synthesis and characterization. *Journal of Polymer Science Part A*, **1998**, 36, 1891-1899	2.5	23
202	Novel polyisobutylene/poly(dimethylsiloxane) bicomponent networks. II. Network structure and property characterization. *Journal of Polymer Science Part A*, **1998**, 36, 1901-1910	2.5	10
201	Novel thermoplastic elastomers. I. Synthesis and characterization of star-block copolymers of PSt-b-PIB arms emanating from cyclosiloxane cores. *Journal of Polymer Science Part A*, **1998**, 36, 2997-3012	2.5	23
200	New polyisobutylene stars XI. Synthesis and characterization of allyl-telechelic octa-arm polyisobutylene stars. *Polymer Bulletin*, **1998**, 40, 127-134	2.4	7
199	Synthesis and characterization of novel octa-arm star-block thermoplastic elastomers consisting of poly (p-chlorostyrene-b-isobutylene) arms radiating from a calix[8]arene core. *Polymer Bulletin*, **1998**, 41, 167-174	2.4	14
198	Cationic polymerizations at elevated temperatures by novel initiating systems having weakly coordinating counteranions 2. Isobutylene/isoprene copolymerizations. *Polymer Bulletin*, **1998**, 41, 503-510	2.4	37
197	Novel Thermoplastic Elastomers: Star-Blocks Consisting of Eight Poly(Styrene-b-Isobutylene) Arms Radiating from a Calix[8]Arene Core. *Rubber Chemistry and Technology*, **1998**, 71, 708-721	1.7	12
196	Synthesis, Characterization, Physical and Processing Properties of New TPEs: Star-Blocks Comprising Multiple Polystyrene-b-Polyisobutylene Arms Radiating from a Polydivinylbenzene Core. *Rubber Chemistry and Technology*, **1998**, 71, 949-957	1.7	5
195	Quo vadis ionic polymerizations. *Macromolecular Symposia*, **1998**, 132, 1-10	0.8	1
194	Multi-arm Star Polyisobutylenes. V. Characterization of Multi-arm Polyisobutylene Stars by Viscometry, Pour Points, Electron Microscopy, and Ultrasonic Shear Degradation. *Journal of Macromolecular Science - Pure and Applied Chemistry*, **1997**, 34, 775-792	2.2	19

193	Synthesis, Characterization, and Properties of Stars Consisting of Many Polyisobutylene Arms Radiating from a Core of Condensed Cyclosiloxanes *Macromolecules*, **1997**, 30, 3204-3214	5.5	20
192	Multiarm Star Polyisobutylenes. *ACS Symposium Series*, **1997**, 178-197	0.4	2
191	Synthesis and characterization of novel well-defined stars consisting of eight polyisobutylene arms emanating from an octa(dimethylsiloxy)octasilsesquioxane core. *Polymer Bulletin*, **1997**, 38, 15-22	2.4	20
190	Amphiphilic networks. XI. Mechanical properties and morphology. *Journal of Applied Polymer Science*, **1997**, 66, 901-910	2.9	32
189	New Stars: Eight Polyisobutylene Arms Emanating from a Calixarene Core *Macromolecules*, **1996**, 29, 8631-8641	5.5	107
188	Conventional and living carbocationic polymerizations united. II. The conversion of conventional to living isobutylene polymerization by proton trap and a comprehensive closed-loop mechanism of proton trap mediated living polymerization. *Journal of Polymer Science Part A*, **1996**, 34, 1675-1683	2.5	4
187	Amphiphilic networks. *Polymer Bulletin*, **1995**, 34, 101-107	2.4	18
186	Carbocationic Polymerization in Supercritical CO2. V.* Synthesis of Phenol-Terminated Polyisobutylene. *Journal of Macromolecular Science - Pure and Applied Chemistry*, **1995**, 32, 979-984	2.2	5
185	The Microstructure of Poly(Isobutylene-co-p-Methylstyrene) by NMR Spectroscopy. *Journal of Macromolecular Science - Pure and Applied Chemistry*, **1995**, 32, 1809-1830	2.2	7
184	Carbocationic Copolymerization of Isobutylene and Indene: Copolymer Characterization and Reactivity Ratios. *Journal of Macromolecular Science - Pure and Applied Chemistry*, **1995**, 32, 1081-1090	2.2	1
183	Comprehensive Assignments of 1H- and 13C-NMR Signals of End-Functional Polyisobutylenes Using Spin-Lattice Relaxation Times and 2D 1H- 13C Hetcor Spectroscopy. *Journal of Macromolecular Science - Pure and Applied Chemistry*, **1995**, 32, 191-210	2.2	11
182	Novel Thermoplastic Elastomers: Polyisobutylene-block-polyamide Multiblocks. *Macromolecules*, **1995**, 28, 4426-4432	5.5	12
181	Amphiphilic Networks. 9. Surface Characterization. *Macromolecules*, **1995**, 28, 2595-2601	5.5	42
180	Multi-arm star polyisobutylenes: 2. The effect of synthesis conditions on the structure of star PIBs. *Macromolecular Symposia*, **1995**, 95, 39-56	0.8	10
179	Designed T- and Comb-Shaped Copolymers of Poly(Ethylene Oxide) and Polyisobutylene. *Journal of Macromolecular Science - Pure and Applied Chemistry*, **1994**, 31, 1943-1953	2.2	7
178	Identification of Initiator Fragments in Polyisobutylene by Nmr Spectroscopy. *Journal of Macromolecular Science - Pure and Applied Chemistry*, **1994**, 31, 655-663	2.2	
177	Carbocationic polymerization in supercritical carbon dioxide. *Polymer Bulletin*, **1994**, 33, 13-19	2.4	20
176	Carbocationic polymerization in suprecritical CO2. *Polymer Bulletin*, **1994**, 33, 259-265	2.4	12

175	Analysis of 1H-NMR spectra of various end-functionalized polyisobutylenes. *Journal of Polymer Science Part A*, **1994**, 32, 2011-2021	2.5	24
174	Amphiphilic networks. VII. Synthesis and characterization of pH-sensitive poly(sulfoethyl methacrylate)-1-polyisobutylene networks. *Journal of Polymer Science Part A*, **1994**, 32, 3153-3160	2.5	19
173	Carbocationic polymerizations in supercritical carbon dioxide. *Polymer Bulletin*, **1994**, 32, 537-543	2.4	21
172	Surface and bulk structure of segmented poly(ether urethanes) with perfluoro chain extenders. 5. Incorporation of poly(dimethylsiloxane) and polyisobutylene macroglycols. *Macromolecules*, **1994**, 27, 1548-1554	5.5	54
171	Polyisobutylene-toughened poly(methyl methacrylate): III. PMMA-l-PIB networks as bone cements. *Journal of Biomaterials Science, Polymer Edition*, **1993**, 4, 445-9	3.5	23
170	Polyisobutylene-toughened poly(methyl methacrylate). 2. Small-angle x-ray scattering analysis of microdomain morphology of a series of PMMA-l-PIB networks. *Macromolecules*, **1993**, 26, 572-574	5.5	7
169	Living carbocationic polymerization. 56. Polyisobutylene-containing block polymers by sequential monomer addition. 8. Synthesis, characterization, and physical properties of poly(indene-b-isobutylene-b-indene) thermoplastic elastomers. *Macromolecules*, **1993**, 26, 429-435	5.5	31
168	Living carbocationic polymerization. 55. Living polymerization of indene. *Macromolecules*, **1993**, 26, 424-428	5.5	31
167	Living Carbocationic Polymerization. LIX. The Synthesis of Novel Asymmetric Telechelic Polyisobutylenes. *Journal of Macromolecular Science - Pure and Applied Chemistry*, **1993**, 30, 863-876	2.2	7
166	Living Carbocationic Polymerization. LVII. Kinetic Treatment of Living Carbocationic Polymerization Mediated by the Common Ion Effect. *Journal of Macromolecular Science - Pure and Applied Chemistry*, **1993**, 30, 399-412	2.2	2
165	Polyisobutylene-toughened poly(methyl methacrylate). 1. Synthesis, characterization, and tensile properties of PMMA-l-PIB networks. *Macromolecules*, **1993**, 26, 567-571	5.5	20
164	Synthesis and characterization of aldehyde-capped polyisobutylenes. *Polymer Bulletin*, **1993**, 30, 19-24	2.4	9
163	Living carbocationic polymerization of isobutyl vinyl ether and the synthesis of poly[isobutylene-b-(isobutyl vinyl ether)]. *Journal of Polymer Science Part A*, **1993**, 31, 2825-2834	2.5	11
162	Tailored macromolecules by living carbocationic techniques. *Makromolekulare Chemie Macromolecular Symposia*, **1992**, 60, 1-9		3
161	Carbocationic copolymerization in the presence of electron pair donors. 1. Copolymerization of isobutylene and isoprene with the cumyl acetate/boron trichloride initiating system. *Macromolecules*, **1992**, 25, 1771-1774	5.5	10
160	Living carbocationic polymerization. 48. Poly(isobutylene-b-methyl vinyl ether). *Macromolecules*, **1992**, 25, 1642-1647	5.5	39
159	Poly(methyl methacrylate)-block-polyisobutylene-block-poly(methyl methacrylate) Thermoplastic Elastomers. *ACS Symposium Series*, **1992**, 258-277	0.4	2
158	Livig carbocationic polymerization. *Polymer Bulletin*, **1992**, 29, 27-33	2.4	13

157	Synthesis and Characterization of Polyisobutylene-Polybutadiene Diblocks. *Journal of Macromolecular Science Part A, Chemistry*, **1991**, 28, 311-328		13
156	New processes and designed polymers by cationic techniques. *Makromolekulare Chemie Macromolecular Symposia*, **1991**, 47, 55-65		4
155	New functional polymers, blocks and thermoplastic elastomers by living carbocationic polymerization. *Makromolekulare Chemie Macromolecular Symposia*, **1991**, 51, 169-174		1
154	Sulfonated polyisobutylene telechelic ionomers. XIV. Viscoelastic behavior of concentrated solutions in nonpolar solvents. *Journal of Applied Polymer Science*, **1991**, 42, 523-532	2.9	8
153	Living carbocationic polymerization. *Polymer Bulletin*, **1991**, 26, 305-312	2.4	14
152	Macromers by carbocationic polymerization. *Polymer Bulletin*, **1991**, 25, 633-640	2.4	9
151	Single-phase bicomponent network by random crosslinking of hydroxyl-terminated polyisobutylene/polytetrahydrofuran mixtures. *Polymer Bulletin*, **1991**, 26, 689-693	2.4	3
150	Living Carbocationic Polymerization. XXXVIII. On the Nature of the Active Species in Isobutylene and Vinyl Ether Polymerization. *Journal of Macromolecular Science Part A, Chemistry*, **1991**, 28, 1-13		39
149	Kinetics of phase separation by spinodal decomposition in mixtures of telechelic hydroxy-terminated polyisobutylene and poly(tetrahydrofuran). *Macromolecules*, **1991**, 24, 4852-4856	5.5	4
148	Novel thermoplastic elastomer triblocks of a soft polyisobutylene midblock connected to two hard PMMA stereocomplex outer blocks. *Macromolecules*, **1991**, 24, 6567-6571	5.5	50
147	Amphiphilic Networks. *ACS Symposium Series*, **1991**, 194-202	0.4	59
146	Amphiphilic Networks. *ACS Symposium Series*, **1991**, 203-212	0.4	43
145	A chemical approach to the problem of slow initiation in living cationic polymerizations. *Makromolekulare Chemie Macromolecular Symposia*, **1990**, 32, 145-153		1
144	Recent developments in living carbocationic polymerization of alkenes. *Makromolekulare Chemie Macromolecular Symposia*, **1990**, 32, 119-129		5
143	Living carbocationic polymerization. XXX. One-pot synthesis of allyl-terminated linear and tri-arm star polyisobutylenes, and epoxy- and hydroxy-telechelics therefrom. *Journal of Polymer Science Part A*, **1990**, 28, 89-104	2.5	146
142	13C NMR chemical shifts of polyisobutylene end groups and related model compounds. *Polymer Bulletin*, **1990**, 23, 597-603	2.4	13
141	Oxyethylation and carbonation of telechelic polyisobutylene anions. *Polymer Bulletin*, **1990**, 24, 187-194	2.4	11
140	New thermoplastic elastomers of rubbery polyisobutylene and glassy cyclopolyisoprene segments. *Journal of Applied Polymer Science*, **1990**, 39, 119-144	2.9	23

139	Living carbocationic polymerization of p-halostyrenes. 1. Living poly(p-chlorostyrene). *Macromolecules*, **1990**, 23, 3736-3741	5.5	19
138	Living carbocationic polymerization. 31. A comprehensive view of the inifer and living mechanisms in isobutylene polymerization. *Macromolecules*, **1990**, 23, 2880-2885	5.5	47
137	Electron pair donors in carbocationic polymerization. 2. Mechanism of living carbocationic polymerizations and the role of in situ and external electron pair donors. *Macromolecules*, **1990**, 23, 3909-3915	5.5	83
136	The synthesis, characterization, and copolymerization of the macromonomer .alpha.-(p-phenyl glycidyl ether)-.omega.-chloropolyisobutylene (PGE-PIB). 2. The synthesis of PGE-PIB and its copolymerization with epichlorohydrin and ethylene oxide. *Macromolecules*, **1990**, 23, 1238-1243	5.5	7
135	Amphiphilic networks: II. Biocompatibility and controlled drug release of poly[isobutylene-co-2-(dimethylamino)ethyl methacrylate]. *Journal of Biomedical Materials Research Part B*, **1989**, 23, 1327-42		36
134	Polyisobutylene-based urethane foams. II. Synthesis and properties of novel polyisobutylene-based flexible polyurethane foams. *Journal of Applied Polymer Science*, **1989**, 37, 1351-1361	2.9	9
133	Sulfonated polyisobutylene telechelic ionomers. XIII. Viscosity behavior in nonpolar solvents and nonpolar–polar solvent mixtures. *Journal of Applied Polymer Science*, **1989**, 37, 2873-2895	2.9	9
132	Rapid microanalytical chlorine determination in polymers by ion selective electrode. *Polymer Bulletin*, **1989**, 21, 281-286	2.4	6
131	A new asymmetric-telechelic polyisobutylene prepared by thecis-2-pinanol/BCl3, initiating system. *Polymer Bulletin*, **1989**, 21, 293-300	2.4	4
130	Living carbocationic polymerization. *Polymer Bulletin*, **1989**, 22, 455-462	2.4	12
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