

Joseph P Kennedy

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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	Amphiphilic conetworks: Definition, synthesis, applications. <i>Progress in Polymer Science</i> , 2006 , 31, 1-18	29.6	236
281	Medical applications of poly(styrene-block-isobutylene-block-styrene) ("SIBS"). <i>Biomaterials</i> , 2008 , 29, 448-60	15.6	204
280	Living carbocationic polymerization. XXX. One-pot synthesis of allyl-terminated linear and tri-arm star polyisobutylenes, and epoxy- and hydroxy-telechelics therefrom. <i>Journal of Polymer Science Part A</i> , 1990 , 28, 89-104	2.5	146
279	New telechelic polymers and sequential copolymers by polyfunctional initiator-transfer agents (inifers). II. Synthesis and characterization of μ Di(tert-chloro)polyisobutylenes. <i>Journal of Polymer Science: Polymer Chemistry Edition</i> , 1980 , 18, 1523-1537		144
278	New telechelic polymers and sequential copolymers by polyfunctional initiator-transfer agents (inifers) V. synthesis of μ tert-butyl- μ isopropenylpolyisobutylene and μ Di(isopropenyl)polyisobutylene. <i>Polymer Bulletin</i> , 1979 , 1, 575-580	2.4	120
277	New Stars: Eight Polyisobutylene Arms Emanating from a Calixarene Core \square <i>Macromolecules</i> , 1996 , 29, 8631-8641	5.5	107
276	New telechelic polymers and sequential copolymers by polyfunctional initiator-transfer agents (inifers). VII. Synthesis and characterization of μ Di(hydroxy)polyisobutylene. <i>Journal of Polymer Science: Polymer Chemistry Edition</i> , 1980 , 18, 3177-3191		98
275	Living cationic polymerization of olefins. How did the discovery come about?. <i>Journal of Polymer Science Part A</i> , 1999 , 37, 2285-2293	2.5	95
274	Electron pair donors in carbocationic polymerization. <i>Polymer Bulletin</i> , 1988 , 20, 413-419	2.4	94
273	Electron pair donors in carbocationic polymerization. 2. Mechanism of living carbocationic polymerizations and the role of in situ and external electron pair donors. <i>Macromolecules</i> , 1990 , 23, 3909-3915 ⁸³	5.5	83
272	Electron-Pair Donors in Carbocationic Polymerization. III. Carbocation Stabilization by External Electron-Pair Donors in Isobutylene Polymerization. <i>Journal of Macromolecular Science Part A, Chemistry</i> , 1989 , 26, 1099-1114		74
271	Living carbocationic polymerization. <i>Polymer Bulletin</i> , 1988 , 19, 21-28	2.4	68
270	New telechelic polymers and sequential copolymers by polyfunctional initiator-transfer agents (inifers). <i>Polymer Bulletin</i> , 1981 , 4, 67-74	2.4	68
269	Amphiphilic membranes crosslinked and reinforced by POSS. <i>Journal of Polymer Science Part A</i> , 2004 , 42, 4337-4352	2.5	59
268	Amphiphilic Networks. <i>ACS Symposium Series</i> , 1991 , 194-202	0.4	59
267	Amphiphilic Networks. I. Network Synthesis by Copolymerization of Methacryloyl-Capped Polyisobutylene with 2-(Dimethylamino) Ethyl Methacrylate and Characterization of The Networks. <i>Journal of Macromolecular Science Part A, Chemistry</i> , 1988 , 25, 389-401		55
266	Surface and bulk structure of segmented poly(ether urethanes) with perfluoro chain extenders. 5. Incorporation of poly(dimethylsiloxane) and polyisobutylene macroglycols. <i>Macromolecules</i> , 1994 , 27, 1548-1554	5.5	54

265	Novel thermoplastic elastomer triblocks of a soft polyisobutylene midblock connected to two hard PMMA stereocomplex outer blocks. <i>Macromolecules</i> , 1991 , 24, 6567-6571	5.5	50
264	Macromers by carbocationic polymerization. IV. Synthesis and characterization of polyisobutenyl methacrylate macromer and its homopolymerization and copolymerization with methyl methacrylate. <i>Journal of Polymer Science: Polymer Chemistry Edition</i> , 1983 , 21, 1033-1044		49
263	Quasiliving Carbocationic Polymerization. I. Classification of Living Polymerizations in Carbocationic Systems. <i>Journal of Macromolecular Science Part A, Chemistry</i> , 1982 , 18, 1189-1207		48
262	Quantitative syntheses of novel polyisobutylenes fitted with terminal primary ?Br, ?OH, ?NH ₂ , and methacrylate termini. <i>Journal of Polymer Science Part A</i> , 2008 , 46, 4236-4242	2.5	47
261	Living carbocationic polymerization. 31. A comprehensive view of the inifer and living mechanisms in isobutylene polymerization. <i>Macromolecules</i> , 1990 , 23, 2880-2885	5.5	47
260	Living carbocationic polymerization. <i>Polymer Bulletin</i> , 1987 , 17, 307-314	2.4	47
259	Living Carbocationic Polymerization. VII. Living Polymerization of Isobutylene by Tertiary Alkyl (or Aryl) Methyl Ether/Boron Trichloride Complexes. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 1987 , 24, 933-948	2.2	44
258	Electrophilic substitution of organosilicon compounds. II. Synthesis of allyl-terminated polyisobutylenes by quantitative allylation of tert-chloro-polyisobutylenes with allyltrimethylsilane. <i>Journal of Polymer Science Part A</i> , 1987 , 25, 3255-3265	2.5	44
257	Living carbocationic polymerization XIV. Living polymerization of isobutylene with ester-TiCl ₄ complexes. <i>Makromolekulare Chemie Macromolecular Symposia</i> , 1988 , 13-14, 473-493		44
256	Thermally reversible polymer systems by cyclopentadienylation. II. The synthesis of cyclopentadiene-containing polymers. <i>Journal of Polymer Science: Polymer Chemistry Edition</i> , 1979 , 17, 2055-2070		44
255	Polyisobutylene-based polyurethanes. II. Polyureas containing mixed PIB/PTMO soft segments. <i>Journal of Polymer Science Part A</i> , 2009 , 47, 2787-2797	2.5	43
254	Amphiphilic Networks. <i>ACS Symposium Series</i> , 1991 , 203-212	0.4	43
253	Polyisobutylene-based segmented polyureas. I. Synthesis of hydrolytically and oxidatively stable polyureas. <i>Journal of Polymer Science Part A</i> , 2009 , 47, 38-48	2.5	42
252	Novel block ionomers. I. Synthesis and characterization of polyisobutylene-based block anionomers. <i>Journal of Polymer Science Part A</i> , 2002 , 40, 3662-3678	2.5	42
251	Amphiphilic Networks. 9. Surface Characterization. <i>Macromolecules</i> , 1995 , 28, 2595-2601	5.5	42
250	Ideal tetrafunctional amphiphilic PEG/PDMS conetworks by a dual-purpose extender/crosslinker. I. Synthesis. <i>Journal of Polymer Science Part A</i> , 2005 , 43, 4953-4964	2.5	41
249	Direct probe-atmospheric pressure chemical ionization mass spectrometry of cross-linked copolymers and copolymer blends. <i>Analytical Chemistry</i> , 2008 , 80, 7778-85	7.8	39
248	Living Carbocationic Polymerization. XXXVIII. On the Nature of the Active Species in Isobutylene and Vinyl Ether Polymerization. <i>Journal of Macromolecular Science Part A, Chemistry</i> , 1991 , 28, 1-13		39

247	Living carbocationic polymerization. 48. Poly(isobutylene-b-methyl vinyl ether). <i>Macromolecules</i> , 1992 , 25, 1642-1647	5.5	39
246	Reversible crosslinking during thermal degradation of PVC. <i>Polymer Bulletin</i> , 1978 , 1, 79-84	2.4	39
245	Quaternary carbons by the alkylation of tertiary halides with aluminum alkyls. Model for initiation and termination in cationic polymerization. <i>Journal of Organic Chemistry</i> , 1970 , 35, 532-536	4.2	39
244	Cationic polymerizations at elevated temperatures by novel initiating systems having weakly coordinating counteranions 2. Isobutylene/isoprene copolymerizations. <i>Polymer Bulletin</i> , 1998 , 41, 503-510	2.4	37
243	Novel thermoplastic elastomers. II. Properties of star-block copolymers of PSt-b-PIB arms emanating from cyclosiloxane cores. <i>Journal of Polymer Science Part A</i> , 1999 , 37, 815-824	2.5	37
242	Living carbocationic polymerization. <i>Polymer Bulletin</i> , 1987 , 17, 205-211	2.4	37
241	From thermoplastic elastomers to designed biomaterials. <i>Journal of Polymer Science Part A</i> , 2005 , 43, 2951-2963	2.5	36
240	Amphiphilic networks: II. Biocompatibility and controlled drug release of poly[isobutylene-co-2-(dimethylamino)ethyl methacrylate]. <i>Journal of Biomedical Materials Research Part B</i> , 1989 , 23, 1327-42		36
239	New telechelic polymers and sequential copolymers by polyfunctional initiator-transfer agents (Inifers). <i>Polymer Bulletin</i> , 1982 , 8, 571-578	2.4	36
238	Thermally reversible polymer systems by cyclopentadienylation. I. A model for termination by cyclopentadienylation of olefin polymerization. <i>Journal of Polymer Science: Polymer Chemistry Edition</i> , 1979 , 17, 2039-2054		35
237	Novel tricontinuous hydrophilic ϕ phobic ϕ xyphilic membranes: Synthesis and characterization. <i>Journal of Polymer Science Part A</i> , 2002 , 40, 1209-1217	2.5	34
236	Living carbocationic polymerization. <i>Polymer Bulletin</i> , 1987 , 18, 123	2.4	34
235	Amphiphilic networks. XI. Mechanical properties and morphology. <i>Journal of Applied Polymer Science</i> , 1997 , 66, 901-910	2.9	32
234	Synthesis, characterization, and crosslinking of methacrylate-telechelic PDMAAm-b-PDMS-b-PDMAAm copolymers. <i>Journal of Polymer Science Part A</i> , 2007 , 45, 4284-4290	2.5	31
233	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. <i>Macromolecules</i> , 1993 , 26, 429-435	5.5	31
232	Living carbocationic polymerization. 55. Living polymerization of indene. <i>Macromolecules</i> , 1993 , 26, 424-428	5.5	31
231	Living carbocationic polymerization. <i>Polymer Bulletin</i> , 1988 , 19, 35-41	2.4	31
230	Polyisobutylene-based polyurethanes. III. Polyurethanes containing PIB/PTMO soft co-segments. <i>Journal of Polymer Science Part A</i> , 2009 , 47, 5278-5290	2.5	30

229	Synthesis and mass spectrometry characterization of centrally and terminally amine-functionalized polyisobutylenes. <i>Journal of Polymer Science Part A</i> , 2005 , 43, 946-958	2.5	30
228	Living carbocationic polymerization. <i>Polymer Bulletin</i> , 1988 , 19, 29-34	2.4	30
227	Polyisobutylene-based polyurethanes with unprecedented properties and how they came about. <i>Journal of Polymer Science Part A</i> , 2011 , 49, 3891-3904	2.5	29
226	Third-generation amphiphilic conetworks. III. Permeabilities and mechanical properties. <i>Journal of Polymer Science Part A</i> , 2007 , 45, 4276-4283	2.5	28
225	Epoxidation with m-chloroperbenzoic acid. Analytical method for determining unsaturation of olefins and polymers. <i>Analytical Chemistry</i> , 1975 , 47, 771-774	7.8	28
224	A new bioartificial pancreas utilizing amphiphilic membranes for the immunoisolation of porcine islets: a pilot study in the canine. <i>ASAIO Journal</i> , 2009 , 55, 400-5	3.6	27
223	Novel thermoplastic elastomers. III. Synthesis, characterization, and properties of star-block copolymers of poly(indene-b-isobutylene) arms emanating from cyclosiloxane cores. <i>Journal of Polymer Science Part A</i> , 2000 , 38, 279-290	2.5	27
222	Living carbocationic polymerization. <i>Polymer Bulletin</i> , 1987 , 17, 7-13	2.4	27
221	Quasiliving Carbocationic Polymerization. XII. Forced Ideal Copolymerization of Isobutylene with Styrene. <i>Journal of Macromolecular Science Part A, Chemistry</i> , 1982 , 18, 1367-1382		27
220	New telechelic polymers and sequential copolymers by polyfunctional initiator-transfer agents (inifers). III. Synthesis and characterization of poly(ϵ -methylstyrene-b-isobutylene-b- ϵ -methylstyrene). <i>Journal of Polymer Science: Polymer Chemistry Edition</i> , 1980 , 18, 1539-1546		26
219	High Strength Bimodal Amphiphilic Conetworks for Immunoisolation Membranes: Synthesis, Characterization, and Properties. <i>Macromolecules</i> , 2015 , 48, 6251-6262	5.5	25
218	Toward a bioartificial pancreas: diffusion of insulin and IgG across immunoprotective membranes with controlled hydrophilic channel diameters. <i>Macromolecular Bioscience</i> , 2010 , 10, 369-77	5.5	25
217	Polyisobutylene-based polyurethanes. VI. Unprecedented combination of mechanical properties and oxidative/hydrolytic stability by H-bond acceptor chain extenders. <i>Journal of Polymer Science Part A</i> , 2010 , 48, 2361-2371	2.5	25
216	Novel biostable and biocompatible amphiphilic membranes. <i>Journal of Biomedical Materials Research - Part A</i> , 2008 , 87, 69-77	5.4	25
215	Amphiphilic membranes with controlled mesh dimensions for insulin delivery+. <i>Macromolecular Symposia</i> , 2001 , 172, 56-66	0.8	24
214	Novel polyisobutylene/polydimethylsiloxane bicomponent networks: III. Tissue compatibility. <i>Journal of Biomaterials Science, Polymer Edition</i> , 1999 , 10, 259-69	3.5	24
213	Analysis of ¹ H-NMR spectra of various end-functionalized polyisobutylenes. <i>Journal of Polymer Science Part A</i> , 1994 , 32, 2011-2021	2.5	24
212	Macromers by carbocationic polymerization. <i>Polymer Bulletin</i> , 1985 , 13, 441-446	2.4	24

211	A novel macroencapsulating immunoisolatory device: the preparation and properties of nanomat-reinforced amphiphilic co-networks deposited on perforated metal scaffold. <i>Biomedical Microdevices</i> , 2009 , 11, 297-312	3.7	23
210	Polyisobutylene-based polyurethanes. V. Oxidative-hydrolytic stability and biocompatibility. <i>Journal of Polymer Science Part A</i> , 2010 , 48, 2194-2203	2.5	23
209	Novel polyisobutylene/poly(dimethylsiloxane) bicomponent networks. I. Synthesis and characterization. <i>Journal of Polymer Science Part A</i> , 1998 , 36, 1891-1899	2.5	23
208	Novel thermoplastic elastomers. I. Synthesis and characterization of star-block copolymers of PSt-b-PIB arms emanating from cyclosiloxane cores. <i>Journal of Polymer Science Part A</i> , 1998 , 36, 2997-3012	2.5	23
207	Novel amphiphilic membranes of poly(N,N-dimethyl acrylamide) crosslinked with octa-methacrylate-telechelic polyisobutylene stars. <i>Polymer Bulletin</i> , 2002 , 48, 475-482	2.4	23
206	Polyisobutylene-toughened poly(methyl methacrylate): III. PMMA-I-PIB networks as bone cements. <i>Journal of Biomaterials Science, Polymer Edition</i> , 1993 , 4, 445-9	3.5	23
205	New thermoplastic elastomers of rubbery polyisobutylene and glassy cyclopolyisoprene segments. <i>Journal of Applied Polymer Science</i> , 1990 , 39, 119-144	2.9	23
204	Aggregation in the Anionic Polymerization of Hexamethylcyclotrisiloxane with Lithium Counterion. <i>Polymer Journal</i> , 1987 , 19, 531-538	2.7	23
203	New telechelic polymers and sequential copolymers by polyfunctional initiator-transfer agents (inifers). <i>Polymer Bulletin</i> , 1982 , 8, 25-32	2.4	23
202	Fundamental studies on cationic polymerizations: Molecular weights and molecular weight distributions of polyisobutylenes produced by irradiation (free ions) and chemical catalysis (ion pairs). <i>Journal of Polymer Science Part A-1, Polymer Chemistry</i> , 1971 , 9, 1551-1561		23
201	Synthesis and burst strength of water-swollen immunoisolatory tubules. <i>Journal of Polymer Science Part A</i> , 2002 , 40, 2075-2084	2.5	22
200	Designed rubbery biomaterials. <i>Macromolecular Symposia</i> , 2001 , 175, 127-132	0.8	22
199	Living carbocationic polymerization. <i>Polymer Bulletin</i> , 1989 , 22, 463-470	2.4	22
198	Melt rheology of ion-containing polymers. I. Effect of molecular weight and excess neutralizing agent in model elastomeric sulfonated polyisobutylene-based ionomers. <i>Journal of Applied Polymer Science</i> , 1984 , 29, 3065-3073	2.9	22
197	Poly(isobutylene-co-pinene) a new sulfur vulcanizable, ozone resistant elastomer by cationic isomerization copolymerization 1976 , 1-30		22
196	PVA networks grafted with PDMS branches. <i>Journal of Polymer Science Part A</i> , 2009 , 47, 5272-5277	2.5	21
195	Novel block ionomers II. Synthesis and characterization of polyisobutylene-based block cationomers. <i>Journal of Polymer Science Part A</i> , 2002 , 40, 3679-3691	2.5	21
194	Carbocationic polymerizations in supercritical carbon dioxide. <i>Polymer Bulletin</i> , 1994 , 32, 537-543	2.4	21

193	New polyisobutylene-based model ionomers. <i>Polymer Bulletin</i> , 1983 , 9-9, 174-180	2.4	21
192	Supramolecular Elastomers: Self-Assembling Star Blocks of Soft Polyisobutylene and Hard Oligo(L-alanine) Segments. <i>Macromolecules</i> , 2015 , 48, 1077-1086	5.5	20
191	Synthesis, Characterization, and Properties of Stars Consisting of Many Polyisobutylene Arms Radiating from a Core of Condensed Cyclosiloxanes. <i>Macromolecules</i> , 1997 , 30, 3204-3214	5.5	20
190	Synthesis and characterization of novel well-defined stars consisting of eight polyisobutylene arms emanating from an octa(dimethylsiloxy)octasilsesquioxane core. <i>Polymer Bulletin</i> , 1997 , 38, 15-22	2.4	20
189	Novel tricomponent membranes containing poly(ethylene glycol)/poly(pentamethylcyclopentasiloxane)/poly(dimethylsiloxane) domains. <i>Journal of Polymer Science Part A</i> , 2002 , 40, 3093-3102	2.5	20
188	Cationic polymerization of norbornadiene. <i>Journal of Polymer Science Part A</i> , 2003 , 41, 732-739	2.5	20
187	Polyisobutylene-toughened poly(methyl methacrylate). 1. Synthesis, characterization, and tensile properties of PMMA-l-PIB networks. <i>Macromolecules</i> , 1993 , 26, 567-571	5.5	20
186	Carbocationic polymerization in supercritical carbon dioxide. <i>Polymer Bulletin</i> , 1994 , 33, 13-19	2.4	20
185	New telechelic polymers and sequential copolymers by polyfunctional initiator-transfer agents (inifers). <i>Polymer Bulletin</i> , 1985 , 13, 435-439	2.4	20
184	Controlled introduction of allylic chlorines into poly(vinyl chloride). <i>Journal of Polymer Science: Polymer Chemistry Edition</i> , 1981 , 19, 679-685		20
183	New polyisobutylene-based model ionomers. <i>Polymer Bulletin</i> , 1982 , 8, 281-285	2.4	20
182	Multi-arm Star Polyisobutylenes. V. Characterization of Multi-arm Polyisobutylene Stars by Viscometry, Pour Points, Electron Microscopy, and Ultrasonic Shear Degradation. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 1997 , 34, 775-792	2.2	19
181	Amphiphilic networks. XIV. <i>Polymer Bulletin</i> , 2000 , 43, 511-518	2.4	19
180	Amphiphilic networks. VII. Synthesis and characterization of pH-sensitive poly(sulfoethyl methacrylate)-1-polyisobutylene networks. <i>Journal of Polymer Science Part A</i> , 1994 , 32, 3153-3160	2.5	19
179	Living carbocationic polymerization of p-halostyrenes. 1. Living poly(p-chlorostyrene). <i>Macromolecules</i> , 1990 , 23, 3736-3741	5.5	19
178	Cationic reactions in the melt. <i>Polymer Bulletin</i> , 1981 , 5, 469-476	2.4	19
177	Block and graft copolymers by selective cationic initiation. III. Synthesis and characterization of bigraft copolymers. <i>Journal of Polymer Science: Polymer Chemistry Edition</i> , 1975 , 13, 1765-1781		19
176	Novel amphiphilic conetworks by synthesis and crosslinking of allyl-telechelic block copolymers. <i>Journal of Polymer Science Part A</i> , 2008 , 46, 4254-4257	2.5	18

175	StarBlock polymers of multiple polystyrene-b-polyisobutylene arms radiating from a polydivinylbenzene core. <i>Journal of Polymer Science Part A</i> , 1999 , 37, 2235-2243	2.5	18
174	Amphiphilic networks. <i>Polymer Bulletin</i> , 1995 , 34, 101-107	2.4	18
173	Electrophilic substitution of organosilicon compounds. <i>Polymer Bulletin</i> , 1987 , 17, 37-43	2.4	18
172	Quasiliving Carbocationic Polymerization. VI. Quasiliving Polymerization of Isobutyl Vinyl Ether. <i>Journal of Macromolecular Science Part A, Chemistry</i> , 1982 , 18, 1275-1291		18
171	Preparation, Degradation, Cyclopentadienylation, and Grafting of PVC's Containing Relatively High Levels of Allylic Chlorines. <i>Journal of Macromolecular Science Part A, Chemistry</i> , 1982 , 17, 1033-1043		18
170	Hydrolytically stable polyurethanes. <i>Journal of Polymer Science Part A</i> , 2015 , 53, 1-4	2.5	17
169	Living carbocationic polymerization. <i>Polymer Bulletin</i> , 1987 , 17, 213-219	2.4	17
168	Chemistry of initiation in carbocationic polymerization. <i>Journal of Polymer Science Macromolecular Reviews</i> , 1981 , 16, 123-197		17
167	Phenylation of PVC with triphenylaluminum and related model reactions. <i>Polymer Engineering and Science</i> , 1974 , 14, 322-331	2.3	17
166	Polyisobutylene-based polyurethanes: VII. structure/property investigations for medical applications. <i>Journal of Polymer Science Part A</i> , 2016 , 54, 532-543	2.5	17
165	Sulphonated polyisobutylene telechelic ionomers: 12. Solid-state mechanical properties. <i>Polymer</i> , 1987 , 28, 2207-2226	3.9	16
164	Functional Polymers by Cationic Techniques. <i>Journal of Macromolecular Science Part A, Chemistry</i> , 1979 , 13, 695-714		16
163	Green Polymer Chemistry: II. Enzymatic Synthesis of Methacrylate-Terminated Polyisobutylenes. <i>Macromolecular Rapid Communications</i> , 2008 , 29, 1598-1602	4.8	15
162	The synthesis of an isobutylene-methylstyrene block copolymer with olefinic head-group: (CH ₃) ₂ C=CHCH ₂ -PIB-b-PM ₂ St. <i>Polymer Bulletin</i> , 1979 , 1, 371-376	2.4	15
161	New telechelic polymers and sequential copolymers by polyfunctional initiator-transfer agents (inifers). <i>Polymer Bulletin</i> , 1981 , 4, 445	2.4	15
160	New telechelic polymers and sequential copolymers by polyfunctional initiator-transfer agents (Inifers). <i>Polymer Bulletin</i> , 1982 , 8, 557-562	2.4	15
159	The Influence of Aluminum-Containing Lewis Acids on Polyisobutylene, Isobutylene-Isoprene Copolymers (Butyl Rubber), and Chlorinated Isobutylene-Isoprene Copolymer (Chlorobutyl). <i>Journal of Macromolecular Science Part A, Chemistry</i> , 1970 , 4, 1759-1784		15
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157	Isobutene Polymerization Using Chelating Diboranes: Reactions of a Hindered Pyridine with Carbocations Bearing β -Protons. <i>Macromolecules</i> , 2007 , 40, 7421-7424	5.5	14
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155	New telechelic polymers and sequential copolymers by polyfunctional initiator-transfer agents (inifers). <i>Polymer Bulletin</i> , 1986 , 16, 47-53	2.4	14
154	Living carbocationic polymerisation. XI. Copolymerisation of isobutylene with isoprene. Initial investigations. <i>British Polymer Journal</i> , 1987 , 19, 379-386		14
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151	Methylation and chlorination of internal olefins with trimethylaluminum and hydrogen chloride. <i>Journal of Organic Chemistry</i> , 1973 , 38, 2262-2264	4.2	14
150	Olefin Polymerization and Copolymerization with Alkylaluminum-Initiator Systems. VII. Initiation by Electrophilic Halogens. <i>Journal of Macromolecular Science Part A, Chemistry</i> , 1973 , 7, 969-989		14
149	PIB-based polyurethanes. IV. The morphology of polyurethanes containing soft co-segments*. <i>Journal of Polymer Science Part A</i> , 2009 , 47, 6180-6190	2.5	13
148	Synthesis and Characterization of Polyisobutylene-Polybutadiene Diblocks. <i>Journal of Macromolecular Science Part A, Chemistry</i> , 1991 , 28, 311-328		13
147	Living carbocationic polymerization. <i>Polymer Bulletin</i> , 1992 , 29, 27-33	2.4	13
146	^{13}C NMR chemical shifts of polyisobutylene end groups and related model compounds. <i>Polymer Bulletin</i> , 1990 , 23, 597-603	2.4	13
145	Olefin Polymerizations and Copolymerizations with Alkylaluminum-Cocatalyst Systems. <i>Advances in Chemistry Series</i> , 1969 , 287-305		13
144	Cationic olefin polymerization using alkyl halide alkylaluminum initiator systems 1978 , 83-111		13
143	Minute amounts of organically modified montmorillonite improve the properties of polyisobutylene-based polyurethanes. <i>Journal of Polymer Science Part A</i> , 2013 , 51, 4076-4087	2.5	12
142	Novel Thermoplastic Elastomers: Star-Blocks Consisting of Eight Poly(Styrene- <i>b</i> -Isobutylene) Arms Radiating from a Calix[8]Arene Core. <i>Rubber Chemistry and Technology</i> , 1998 , 71, 708-721	1.7	12
141	Novel Thermoplastic Elastomers: Polyisobutylene-block-polyamide Multiblocks. <i>Macromolecules</i> , 1995 , 28, 4426-4432	5.5	12
140	Carbocationic polymerization in supercritical CO_2 . <i>Polymer Bulletin</i> , 1994 , 33, 259-265	2.4	12

- 139 Living carbocationic polymerization. *Polymer Bulletin*, **1989**, 22, 455-462 2.4 12
- 138 Characterization of polychloroprenes and cationically modified polychloroprenes by thermal dehydrochlorination. *Journal of Polymer Science: Polymer Chemistry Edition*, **1980**, 18, 1685-1692 12
- 137 Initiation of cationic polymerizations with alcohol/Lewis acid systems. *Polymer Bulletin*, **1981**, 6, 47-54 2.4 12
- 136 Carbocationic Polymerization in the Presence of Sterically Hindered Bases. V. The Polymerization of β -Methylstyrene by the $\text{H}_2\text{O}/\text{BCl}_3$ Initiating System. *Journal of Macromolecular Science Part A, Chemistry*, **1982**, 18, 47-76 12
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