

# Antxon Martnez de Ilarduya

## List of Publications by Year in Descending Order

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

165  
papers

3,122  
citations

29  
h-index

43  
g-index

172  
ext. papers

3,413  
ext. citations

4.3  
avg, IF

5.34  
L-index

#	Paper	IF	Citations
165	Enzymatic recycling of polymacrolactones. <i>Polymer Chemistry</i> , <b>2022</b> , 13, 1586-1595	4.9	0
164	Synthesis, Structure, Crystallization and Mechanical Properties of Isodimorphic PBS-PCL Copolyesters. <i>Polymers</i> , <b>2021</b> , 13,	4.5	4
163	A Biodegradable Copolyester, Poly(butylene succinate-ε-caprolactone), as a High Efficiency Matrix Former for Controlled Release of Drugs. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	1
162	Development of fluorine-free waterborne textile finishing agents for anti-stain and solvent-water separation based on low surface energy (co)polymers. <i>Progress in Organic Coatings</i> , <b>2021</b> , 150, 105968	4.8	2
161	Biocompatible graft copolymers from bacterial poly(β-glutamic acid) and poly(lactic acid). <i>Polymer Chemistry</i> , <b>2021</b> , 12, 3784-3793	4.9	6
160	Organocatalyzed closed-loop chemical recycling of thermo-compressed films of poly(ethylene furanoate). <i>Polymer Chemistry</i> , <b>2021</b> , 12, 1571-1580	4.9	6
159	Polypeptide-based materials prepared by ring-opening polymerisation of anionic-based α-amino acid N-carboxyanhydrides: A platform for delivery of bioactive-compounds. <i>Reactive and Functional Polymers</i> , <b>2021</b> , 105040	4.6	0
158	Copolymacrolactones Grafted with L-Glutamic Acid: Synthesis, Structure, and Nanocarrier Properties. <i>Polymers</i> , <b>2020</b> , 12,	4.5	3
157	Ring opening polymerization of macrocyclic oligoesters derived from renewable sources. <i>Polymer Chemistry</i> , <b>2020</b> , 11, 4850-4860	4.9	11
156	ROP and crystallization behaviour of partially renewable triblock aromatic-aliphatic copolymers derived from L-lactide. <i>European Polymer Journal</i> , <b>2020</b> , 122, 109321	5.2	2
155	Clickable bacterial poly(β-glutamic acid). <i>Polymer Chemistry</i> , <b>2020</b> , 11, 5582-5589	4.9	13
154	Poly(β-Dodecyl β-Glutamate) (PAAG-12) and Polylactic Acid Films Charged with α-Tocopherol and Their Antioxidant Capacity in Food Models. <i>Antioxidants</i> , <b>2019</b> , 8,	7.1	5
153	Synthesis and properties of diblock copolymers of ε-pentadecalactone and α-amino acids. <i>European Polymer Journal</i> , <b>2019</b> , 116, 169-179	5.2	6
152	Synthesis of Aromatic-Aliphatic Polyesters by Enzymatic Ring Opening Polymerization of Cyclic Oligoesters and their Cyclodepolymerization for a Circular Economy. <i>ACS Applied Polymer Materials</i> , <b>2019</b> , 1, 321-325	4.3	10
151	Poly(amino acid)-grafted polymacrolactones. Synthesis, self-assembling and ionic coupling properties. <i>Reactive and Functional Polymers</i> , <b>2019</b> , 143, 104316	4.6	4
150	Block and Graft Copolymers Made of 16-Membered Macrolactones and L-Alanine: A Comparative Study. <i>Macromolecular Chemistry and Physics</i> , <b>2019</b> , 220, 1900214	2.6	2
149	pH-Responsive diblock copolymers made of ε-pentadecalactone and ionically charged α-amino acids. <i>European Polymer Journal</i> , <b>2019</b> , 120, 109244	5.2	3

148	Controlling the Isothermal Crystallization of Isodimorphic PBS--PCL Random Copolymers by Varying Composition and Supercooling. <i>Polymers</i> , <b>2019</b> , 12,	4.5	9
147	Isomannide-Containing Poly(butylene 2,5-furandicarboxylate) Copolyesters via Ring Opening Polymerization. <i>Macromolecules</i> , <b>2018</b> , 51, 3340-3350	5.5	29
146	Hydroxyl-functionalized amphiphilic triblock copolyesters made of tartaric and lactic acids: Synthesis and nanoparticle formation. <i>Reactive and Functional Polymers</i> , <b>2018</b> , 126, 52-62	4.6	6
145	Comblike Ionic Complexes of Hyaluronic Acid and Alkanoylcholine Surfactants as a Platform for Drug Delivery Systems. <i>Biomacromolecules</i> , <b>2018</b> , 19, 3669-3681	6.9	2
144	Partially Renewable Poly(butylene 2,5-furandicarboxylate--isophthalate) Copolyesters Obtained by ROP. <i>Polymers</i> , <b>2018</b> , 10,	4.5	8
143	Hydrolytic degradation of d-mannitol-based polyurethanes. <i>Polymer Degradation and Stability</i> , <b>2018</b> , 153, 262-271	4.7	9
142	Blocky poly( $\epsilon$ -caprolactone-co-butylene 2,5-furandicarboxylate) copolyesters via enzymatic ring opening polymerization. <i>Journal of Polymer Science Part A</i> , <b>2018</b> , 56, 290-299	2.5	32
141	Tuning the Thermal Properties and Morphology of Isodimorphic Poly[(butylene succinate)-ran-( $\epsilon$ -caprolactone)] Copolyesters by Changing Composition, Molecular Weight, and Thermal History. <i>Macromolecules</i> , <b>2018</b> , 51, 9589-9601	5.5	19
140	Metal-free catalyzed ring-opening polymerization and block copolymerization of $\epsilon$ -pentadecalactone using amino-ended initiators. <i>European Polymer Journal</i> , <b>2018</b> , 108, 380-389	5.2	7
139	Crystalline structure and thermotropic behavior of alkyltrimethylphosphonium amphiphiles. <i>Physical Chemistry Chemical Physics</i> , <b>2017</b> , 19, 4370-4382	3.6	7
138	Poly(butylene succinate-ran-( $\epsilon$ -caprolactone) copolyesters: Enzymatic synthesis and crystalline isodimorphic character. <i>European Polymer Journal</i> , <b>2017</b> , 95, 795-808	5.2	28
137	Fully bio-based aromatic-aliphatic copolyesters: poly(butylene furandicarboxylate-co-succinate)s obtained by ring opening polymerization. <i>Polymer Chemistry</i> , <b>2017</b> , 8, 748-760	4.9	44
136	Sugar-based bicyclic monomers for aliphatic polyesters: a comparative appraisal of acetalized alditols and isosorbide. <i>Designed Monomers and Polymers</i> , <b>2017</b> , 20, 157-166	3.1	15
135	Ionic complexes of poly( $\epsilon$ -glutamic acid) with alkyltrimethylphosphonium surfactants. <i>Polymer</i> , <b>2017</b> , 116, 43-54	3.9	5
134	A green strategy for the synthesis of poly(ethylene succinate) and its copolyesters via enzymatic ring opening polymerization. <i>European Polymer Journal</i> , <b>2017</b> , 95, 514-519	5.2	15
133	Modulating the T of Poly(alkylene succinate)s by Inserting Bio-Based Aromatic Units via Ring-Opening Copolymerization. <i>Polymers</i> , <b>2017</b> , 9,	4.5	6
132	Triblock copolyesters derived from lactic acid and glucose: Synthesis, nanoparticle formation and simulation. <i>European Polymer Journal</i> , <b>2017</b> , 92, 1-12	5.2	8
131	Modification of microbial polymers by thiol-ene click reaction: Nanoparticle formation and drug encapsulation. <i>Reactive and Functional Polymers</i> , <b>2016</b> , 106, 143-152	4.6	1

130	Isohexide and Sorbitol-Derived, Enzymatically Synthesized Renewable Polyesters with Enhanced T. <i>Biomacromolecules</i> , <b>2016</b> , 17, 3404-3416	6.9	23
129	Sustainable Aromatic Copolyesters via Ring Opening Polymerization: Poly(butylene 2,5-furandicarboxylate-co-terephthalate)s. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2016</b> , 4, 4965-4973	8.3	46
128	Green and selective polycondensation methods toward linear sorbitol-based polyesters: enzymatic versus organic and metal-based catalysis. <i>ChemSusChem</i> , <b>2016</b> , 9, 2250-60	8.3	18
127	Dielectric Relaxations in Poly(glycidyl phenyl ether): Effects of Microstructure and Cyclic Topology. <i>Macromolecules</i> , <b>2016</b> , 49, 1060-1069	5.5	14
126	Poly(alkylene 2,5-furandicarboxylate)s (PEF and PBF) by ring opening polymerization. <i>Polymer</i> , <b>2016</b> , 87, 148-158	3.9	91
125	Cationic poly(butylene succinate) copolyesters. <i>European Polymer Journal</i> , <b>2016</b> , 75, 329-342	5.2	15
124	Poly(butylene succinate) ionomers and their use as compatibilizers in nanocomposites. <i>Polymer Composites</i> , <b>2016</b> , 37, 2603-2610	3	8
123	Poly(butylene succinate) Ionomers with Enhanced Hydrodegradability. <i>Polymers</i> , <b>2015</b> , 7, 1232-1247	4.5	18
122	Bio-based PBS copolyesters derived from a bicyclic D-glucitol. <i>RSC Advances</i> , <b>2015</b> , 5, 46395-46404	3.7	22
121	Copolyesters made from 1,4-butanediol, sebacic acid, and D-glucose by melt and enzymatic polycondensation. <i>Biomacromolecules</i> , <b>2015</b> , 16, 868-79	6.9	48
120	Carbohydrate-based PBT copolyesters from a cyclic diol derived from naturally occurring tartaric acid: a comparative study regarding melt polycondensation and solid-state modification. <i>Green Chemistry</i> , <b>2014</b> , 16, 1789-1798	10	26
119	Renewable terephthalate polyesters from carbohydrate-based bicyclic monomers. <i>Green Chemistry</i> , <b>2014</b> , 16, 1716-1739	10	91
118	Bio-based PBT copolyesters derived from D-glucose: influence of composition on properties. <i>Polymer Chemistry</i> , <b>2014</b> , 5, 3190-3202	4.9	48
117	Thermal behavior of long-chain alkanoylcholine soaps. <i>RSC Advances</i> , <b>2014</b> , 4, 10738-10750	3.7	5
116	Nanoparticles of esterified polymalic acid for controlled anticancer drug release. <i>Macromolecular Bioscience</i> , <b>2014</b> , 14, 1325-36	5.5	7
115	Poly(L-malic acid)/Doxorubicin ionic complex: A pH-dependent delivery system. <i>Reactive and Functional Polymers</i> , <b>2014</b> , 81, 45-53	4.6	18
114	Biodegradable Copolyesters of Poly(hexamethylene terephthalate) Containing Bicyclic 2,4:3,5-Di-O-methylene-d-Glucarate Units. <i>Macromolecular Chemistry and Physics</i> , <b>2014</b> , 215, 2048-2059	2.6	7
113	Chemical Structure and Microstructure of Poly(alkylene terephthalate)s, their Copolyesters, and their Blends as Studied by NMR. <i>Macromolecular Chemistry and Physics</i> , <b>2014</b> , 215, 2138-2160	2.6	29

112	Modification of properties of poly(butylene succinate) by copolymerization with tartaric acid-based monomers. <i>European Polymer Journal</i> , <b>2014</b> , 61, 263-273	5.2	25
111	Partially renewable copolyesters prepared from acetalized d-glucitol by solid-state modification of poly(butylene terephthalate). <i>Journal of Polymer Science Part A</i> , <b>2014</b> , 52, 164-177	2.5	15
110	Bio-based poly(ethylene terephthalate) copolyesters made from cyclic monomers derived from tartaric acid. <i>Polymer</i> , <b>2014</b> , 55, 2294-2304	3.9	26
109	Complexes of polyglutamic acid and long-chain alkanoylcholines: nanoparticle formation and drug release. <i>International Journal of Biological Macromolecules</i> , <b>2014</b> , 66, 346-53	7.9	6
108	The structure of poly( $\gamma$ -glutamic acid)/nanoclay hybrids compatibilized by alkylammonium surfactants. <i>European Polymer Journal</i> , <b>2013</b> , 49, 2596-2609	5.2	3
107	Bio-based poly(hexamethylene terephthalate) copolyesters containing cyclic acetalized tartrate units. <i>Polymer</i> , <b>2013</b> , 54, 1573-1582	3.9	18
106	Comblike Ionic Complexes of Poly( $\gamma$ -glutamic acid) and Alkanoylcholines Derived from Fatty Acids. <i>Macromolecules</i> , <b>2013</b> , 46, 1607-1617	5.5	11
105	Comb-like ionic complexes of hyaluronic acid with alkyltrimethylammonium surfactants. <i>Carbohydrate Polymers</i> , <b>2013</b> , 92, 691-6	10.3	11
104	High T(g) bio-based aliphatic polyesters from bicyclic D-mannitol. <i>Biomacromolecules</i> , <b>2013</b> , 14, 781-93	6.9	92
103	D-Glucose-derived PET copolyesters with enhanced Tg. <i>Polymer Chemistry</i> , <b>2013</b> , 4, 3524	4.9	46
102	Solid-State Modification of PBT with Cyclic Acetalized Galactitol and d-Mannitol: Influence of Composition and Chemical Microstructure on Thermal Properties. <i>Macromolecules</i> , <b>2013</b> , 46, 4335-4345	5.5	44
101	PET copolyesters made from a D-mannitol-derived bicyclic diol. <i>Polymer Chemistry</i> , <b>2013</b> , 4, 282-289	4.9	56
100	Isocyanate toughened pCBT: Reactive blending and tensile properties. <i>EXPRESS Polymer Letters</i> , <b>2013</b> , 7, 172-185	3.4	10
99	Sulfonated poly(hexamethylene terephthalate) copolyesters: Enhanced thermal and mechanical properties. <i>Journal of Applied Polymer Science</i> , <b>2013</b> , 129, 3527-3535	2.9	8
98	Toughening of in situ polymerized cyclic butylene terephthalate by chain extension with a bifunctional epoxy resin. <i>European Polymer Journal</i> , <b>2012</b> , 48, 163-171	5.2	39
97	Carbohydrate-based polyurethanes: A comparative study of polymers made from isosorbide and 1,4-butanediol. <i>Journal of Applied Polymer Science</i> , <b>2012</b> , 123, 986-994	2.9	41
96	Bio-based aromatic copolyesters made from 1,6-hexanediol and bicyclic diacetalized D-glucitol. <i>Polymer Chemistry</i> , <b>2012</b> , 3, 2092	4.9	33
95	Bio-based poly(butylene terephthalate) copolyesters containing bicyclic diacetalized galactitol and galactaric acid: Influence of composition on properties. <i>Polymer</i> , <b>2012</b> , 53, 3432-3445	3.9	47

94	Poly(ethylene terephthalate) terpolyesters containing 1,4-cyclohexanedimethanol and isosorbide. <i>High Performance Polymers</i> , <b>2012</b> , 24, 24-30	1.6	15
93	Bio-Based Aromatic Polyesters from a Novel Bicyclic Diol Derived from d-Mannitol. <i>Macromolecules</i> , <b>2012</b> , 45, 8257-8266	5.5	92
92	Poly(L-glutamic acid) esters with reactive functional groups suitable for orthogonal conjugation strategies. <i>Journal of Polymer Science Part A</i> , <b>2012</b> , 50, 4790-4799	2.5	36
91	Carbohydrate-based copolyesters made from bicyclic acetalized galactaric acid. <i>Journal of Polymer Science Part A</i> , <b>2012</b> , 50, 1591-1604	2.5	44
90	Biodegradable aromatic copolyesters made from bicyclic acetalized galactaric acid. <i>Journal of Polymer Science Part A</i> , <b>2012</b> , 50, 3393-3406	2.5	29
89	Modification of Microbial Polymalic Acid With Hydrophobic Amino Acids for Drug-Releasing Nanoparticles. <i>Macromolecular Chemistry and Physics</i> , <b>2012</b> , 213, 1623-1631	2.6	16
88	Polyterephthalates made from Ethylene glycol, 1,4-cyclohexanedimethanol, and isosorbide. <i>Journal of Polymer Science Part A</i> , <b>2011</b> , 49, 2252-2260	2.5	53
87	Poly(methyl malate) nanoparticles: formation, degradation, and encapsulation of anticancer drugs. <i>Macromolecular Bioscience</i> , <b>2011</b> , 11, 1370-7	5.5	18
86	Carbohydrate-based polyesters made from bicyclic acetalized galactaric acid. <i>Biomacromolecules</i> , <b>2011</b> , 12, 2642-52	6.9	92
85	Polyesters Based on Cyclohexanedimethanol <b>2011</b> , 181-220		4
84	Comb-like ionic complexes of pectinic and alginic acids with alkyltrimethylammonium surfactants. <i>Carbohydrate Polymers</i> , <b>2011</b> , 86, 484-490	10.3	8
83	Ionic Complexes of Polyacids and Cationic Surfactants. <i>Macromolecular Symposia</i> , <b>2010</b> , 296, 265-271	0.8	3
82	Hydrolyzable aromatic copolyesters of p-dioxanone. <i>Biomacromolecules</i> , <b>2010</b> , 11, 2512-20	6.9	18
81	Sequence Analysis of Polyether-Based Thermoplastic Polyurethane Elastomers by <sup>13</sup> C NMR. <i>Macromolecules</i> , <b>2010</b> , 43, 3990-3993	5.5	13
80	Poly(ethylene terephthalate-co-isophthalate) copolyesters obtained from ethylene terephthalate and isophthalate oligomers. <i>Journal of Applied Polymer Science</i> , <b>2010</b> , 115, 1823-1830	2.9	10
79	Poly(hexamethylene terephthalate)/layered silicate nanocomposites. <i>European Polymer Journal</i> , <b>2010</b> , 46, 156-164	5.2	14
78	Poly(hexamethylene terephthalate-co-caprolactone) copolymers: Influence of cycle size on ring-opening polymerization. <i>European Polymer Journal</i> , <b>2010</b> , 46, 792-803	5.2	11
77	Synthesis and properties of poly(hexamethylene terephthalate)/multiwall carbon nanotubes nanocomposites. <i>Composites Science and Technology</i> , <b>2010</b> , 70, 789-796	8.6	21

76	Nanoparticles made of microbial poly( $\gamma$ -glutamate)s for encapsulation and delivery of drugs and proteins. <i>Journal of Biomaterials Science, Polymer Edition</i> , <b>2009</b> , 20, 1065-79	3.5	25
75	Butylene copolyesters based on aldaric and terephthalic acids. Synthesis and characterization. <i>Journal of Polymer Science Part A</i> , <b>2009</b> , 47, 1168-1177	2.5	13
74	Linear polyurethanes made from naturally occurring tartaric acid. <i>Journal of Polymer Science Part A</i> , <b>2009</b> , 47, 2391-2407	2.5	13
73	Poly(ethylene-co-1,4-cyclohexylenedimethylene terephthalate) copolyesters obtained by ring opening polymerization. <i>Journal of Polymer Science Part A</i> , <b>2009</b> , 47, 5954-5966	2.5	21
72	Poly(hexamethylene terephthalate-co-caprolactone) Copolyesters Obtained by Ring-Opening Polymerization. <i>Macromolecules</i> , <b>2008</b> , 41, 4136-4146	5.5	33
71	Spectroscopic Evidence for Stereocomplex Formation by Enantiomeric Polyamides Derived from Tartaric Acid. <i>Macromolecules</i> , <b>2008</b> , 41, 3734-3738	5.5	16
70	Ionic Complexes of Biotechnological Polyacids with Cationic Surfactants. <i>Macromolecular Symposia</i> , <b>2008</b> , 273, 85-94	0.8	2
69	Polyesters analogous to PET and PBT based on O-benzyl ethers of xylitol and L-arabinitol. <i>Journal of Polymer Science Part A</i> , <b>2008</b> , 46, 5167-5179	2.5	18
68	Rheological Features and Flow-Induced Crystallization of Branched Poly[ethylene-co-(1,4-cyclohexanedimethylene terephthalate)] Copolyesters. <i>Macromolecular Materials and Engineering</i> , <b>2008</b> , 293, 836-846	3.9	7
67	Synthesis, degradability, and drug releasing properties of methyl esters of fungal poly( $\beta$ ,L-malic acid). <i>Macromolecular Bioscience</i> , <b>2008</b> , 8, 540-50	5.5	25
66	Ionic complexes of biosynthetic poly(malic acid) and poly(glutamic acid) as prospective drug-delivery systems. <i>Macromolecular Bioscience</i> , <b>2007</b> , 7, 897-906	5.5	14
65	Styrene/(substituted styrene) copolymerization by $\text{Ph}_2\text{Zn}$ metallocene/MAO systems: Synthesis and characterization of poly(styrene-co-p-hydroxystyrene) copolymers. <i>Polymer</i> , <b>2007</b> , 48, 4646-4652	3.9	6
64	Crystallization and crystal structure of poly(ester amide)s derived from L-tartaric acid. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>2007</b> , 45, 116-125	2.6	2
63	Comblike Complexes of Poly(itaconic acid) and Poly(mono methyl itaconate) and Alkyltrimethylammonium Cationic Surfactants. <i>Polymer Bulletin</i> , <b>2007</b> , 58, 529-539	2.4	2
62	Thermal decomposition of microbial poly( $\gamma$ -glutamic acid) and poly( $\gamma$ -glutamate)s. <i>Polymer Degradation and Stability</i> , <b>2007</b> , 92, 1916-1924	4.7	26
61	Nanostructured complexes of poly( $\beta$ ,L-malate) and cationic surfactants: synthesis, characterization and structural aspects. <i>Biomacromolecules</i> , <b>2006</b> , 7, 161-70	6.9	17
60	Poly(butylene terephthalate) Copolyesters Derived from L-Arabinitol and Xylitol. <i>Macromolecules</i> , <b>2006</b> , 39, 1410-1416	5.5	32
59	Thermal decomposition of fungal poly( $\beta$ ,L-malic acid) and Poly( $\beta$ ,L-malate)s. <i>Biomacromolecules</i> , <b>2006</b> , 7, 3283-90	6.9	19

58	Comblike Complexes of Poly(aspartic acid) and Alkyltrimethylammonium Cationic Surfactants. <i>Macromolecular Symposia</i> , <b>2006</b> , 245-246, 266-275	0.8	2
57	Homo- and copolymerization of styrene and 1-alkene using Ph <sub>2</sub> ZnEt(Ind) <sub>2</sub> ZrCl <sub>2</sub> MAO initiator systems. <i>European Polymer Journal</i> , <b>2005</b> , 41, 1013-1019	5.2	17
56	Poly(ethylene terephthalate) copolymers containing 1,4-cyclohexane dicarboxylate units. <i>European Polymer Journal</i> , <b>2005</b> , 41, 1493-1501	5.2	28
55	Synthesis and secondary structure of oligo(alpha-isobutyl beta,L-aspartate)s. <i>Biopolymers</i> , <b>2005</b> , 77, 121-122	3.2	3
54	Comb-like ionic complexes of cationic surfactants with bacterial poly(gamma-glutamic acid) of racemic composition. <i>Macromolecular Bioscience</i> , <b>2005</b> , 5, 30-8	5.5	23
53	Poly(butylene terephthalate-co-5-tert-butyl isophthalate) copolyesters: Synthesis, characterization, and properties. <i>Journal of Polymer Science Part A</i> , <b>2005</b> , 43, 92-100	2.5	8
52	Poly(ethylene isophthalate)s: effect of the tert-butyl substituent on structure and properties. <i>Polymer</i> , <b>2004</b> , 45, 5005-5012	3.9	9
51	Linear polyamides from L-malic acid and alkanediamines. <i>Journal of Polymer Science Part A</i> , <b>2004</b> , 42, 1566-1575	2.5	11
50	Poly(ester amide)s Derived from L-Malic Acid. <i>Macromolecules</i> , <b>2004</b> , 37, 2067-2075	5.5	15
49	Comblike complexes of bacterial poly(gamma,d-glutamic acid) and cationic surfactants. <i>Biomacromolecules</i> , <b>2004</b> , 5, 144-52	6.9	33
48	Preparation and hydrolytic degradation of sulfonated poly(ethylene terephthalate) copolymers. <i>Polymer</i> , <b>2003</b> , 44, 7281-7289	3.9	25
47	Copoly(L-glutamate)s containing short and long linear alkyl side chains. <i>Polymer</i> , <b>2003</b> , 44, 7557-7564	3.9	11
46	Microstructure and crystallization of melt-mixed poly(ethylene terephthalate)/poly(ethylene isophthalate) blends. <i>Journal of Applied Polymer Science</i> , <b>2003</b> , 90, 3076-3086	2.9	10
45	Hydrolytic degradation of poly(ethylene terephthalate) copolymers containing nitrated units. <i>Polymer Degradation and Stability</i> , <b>2003</b> , 79, 353-358	4.7	11
44	Hairy-rod random copoly(L-aspartate)s containing alkyl and benzyl side groups. <i>Polymer</i> , <b>2003</b> , 44, 1-6	3.9	13
43	New comb-like poly(n-alkyl itaconate)s with crystalizable side chains. <i>Polymer</i> , <b>2003</b> , 44, 4969-4979	3.9	53
42	Poly(ethylene terephthalate) terpolyesters containing isophthalic and 5-tert-butylisophthalic units. <i>Journal of Polymer Science Part A</i> , <b>2003</b> , 41, 124-134	2.5	6
41	Comblike Alkyl Esters of Biosynthetic Poly(L-glutamic acid). 2. Supramolecular Structure and Thermal Transitions. <i>Macromolecules</i> , <b>2003</b> , 36, 7567-7576	5.5	26



40	Synthesis of Poly(alkyl L-aspartate)s by Transesterification. <i>Macromolecular Rapid Communications</i> , <b>2002</b> , 23, 849-852	4.8	
39	Structural characterization and thermal properties of poly(ethylene terephthalate) copolymers containing 2-butyl-2-ethyl-1,3-propanediol. <i>Journal of Applied Polymer Science</i> , <b>2002</b> , 86, 1077-1086	2.9	5
38	Synthesis, characterization and thermal behavior of Poly(methyl-n-octadecyl itaconate) a comb-like polymer with crystallizable side chain. <i>Polymer Bulletin</i> , <b>2002</b> , 48, 59-66	2.4	14
37	Poly(ethylene terephthalate) copolymers containing 5-nitroisophthalic units. III. Methanolytic degradation. <i>Journal of Polymer Science Part A</i> , <b>2002</b> , 40, 76-87	2.5	6
36	Poly(ethylene terephthalate) copolymers containing nitroterephthalic units. III. Methanolytic degradation. <i>Journal of Polymer Science Part A</i> , <b>2002</b> , 40, 2276-2285	2.5	8
35	Poly(ethylene terephthalate) copolymers containing nitroterephthalic units. II. Crystallization and conformational studies. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>2002</b> , 40, 2759-2771	2.6	4
34	Sequence Analysis of Poly(ethylene terephthalate) Terpolyesters Containing Isophthalic and tert-Butylisophthalic Units by <sup>13</sup> C NMR. <i>Macromolecules</i> , <b>2002</b> , 35, 314-317	5.5	10
33	Poly(alpha-alkyl gamma-glutamate)s of microbial origin. 2. On the microstructure and crystal structure of poly(alpha-ethyl gamma-glutamate)s. <i>Biomacromolecules</i> , <b>2002</b> , 3, 1078-86	6.9	10
32	Poly(alkyl glutamate)s of microbial origin: I. Ester derivatization of poly(glutamic acid) and thermal degradation. <i>Polymer</i> , <b>2001</b> , 42, 9319-9327	3.9	16
31	Poly(ethylene terephthalate) copolymers containing 5-tert-butyl isophthalic units. <i>Journal of Polymer Science Part A</i> , <b>2001</b> , 39, 1994-2004	2.5	24
30	Poly(ethylene terephthalate) copolyesters derived from (2S,3S)-2,3-dimethoxy-1,4-butanediol. <i>Journal of Polymer Science Part A</i> , <b>2001</b> , 39, 3250-3262	2.5	27
29	Poly(ethylene terephthalate) copolymers containing 5-nitroisophthalic units. II. Crystallization studies. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>2001</b> , 39, 1553-1564	2.6	11
28	Copolymerization of styrene by diphenylzinc-additive systems I. Copolymerization of styrene/p-tert-butylstyrene by Ph <sub>2</sub> Zn/metallocene/MAO systems. <i>European Polymer Journal</i> , <b>2001</b> , 37, 1001-1006	5.2	17
27	Miscibility windows of poly(vinyl methyl ether) with modified phenoxy resin. <i>European Polymer Journal</i> , <b>2001</b> , 37, 1943-1950	5.2	3
26	Comblike Alkyl Esters of Biosynthetic Poly(glutamic acid). 1. Synthesis and Characterization. <i>Macromolecules</i> , <b>2001</b> , 34, 7868-7875	5.5	34
25	Poly(ester amide)s derived from L-tartaric acid and amino alcohols. II. Aregic polymers. <i>Journal of Polymer Science Part A</i> , <b>2000</b> , 38, 2687-2696	2.5	14
24	Poly(ethylene terephthalate) copolymers containing nitroterephthalic units. I. Synthesis and characterization. <i>Journal of Polymer Science Part A</i> , <b>2000</b> , 38, 3761-3770	2.5	21
23	Optically active polyamides containing 1,3-dioxolane cycles in the backbone. <i>Polymer</i> , <b>2000</b> , 41, 4869-4879	3.9	16

22	Synthesis and structure of random and block copoly(L-aspartate)s containing short and long alkyl side chains. <i>Polymer</i> , <b>2000</b> , 41, 8475-8486	3.9	7
21	Sequence Analysis of Poly(ethylene terephthalate-co-isophthalate) Copolymers by <sup>13</sup> C NMR. <i>Macromolecules</i> , <b>2000</b> , 33, 4596-4598	5.5	27
20	A d.s.c. study of crystallization behaviour of poly(H-alkyl L-aspartate)s. <i>Polymer</i> , <b>1999</b> , 40, 801-805	3.9	1
19	Synthesis of heterotelechelic poly(ethylene glycol)s and their characterization by MALDI-TOF-MS. <i>Macromolecular Chemistry and Physics</i> , <b>1999</b> , 200, 1363-1373	2.6	17
18	Helical Poly(L-peptides): The Helix-Coil Transition of Poly(H-alkyl-L-aspartate)s in Solution. <i>Macromolecules</i> , <b>1999</b> , 32, 3257-3263	5.5	30
17	Hydrolytic Degradation of Poly(ester amide)s Made from Tartaric and Succinic Acids: Influence of the Chemical Structure and Microstructure on Degradation Rate. <i>Macromolecules</i> , <b>1999</b> , 32, 8033-8040	5.5	45
16	Stereoregular polyamides entirely based on tartaric acid <b>1999</b> , 37, 983		1
15	Conformational Analysis of (S)-4-(Cyclohexoxycarbonyl)-2-azetidinone. <i>Journal of Physical Chemistry A</i> , <b>1997</b> , 101, 4208-4214	2.8	7
14	Conformation and Crystal Structure of Poly(H-cycloalkyl-L-aspartate)s. <i>Journal of Physical Chemistry A</i> , <b>1997</b> , 101, 4215-4223	2.8	14
13	Thermal behavior of poly(H-alkyl L-aspartate)s. <i>Journal of Theoretical Biology</i> , <b>1997</b> , 49, 693-702	2.3	2
12	Degradable poly(ester amide)s based on l-tartaric acid. <i>Polymer</i> , <b>1997</b> , 38, 4935-4944	3.9	48
11	Stereocopolyamides Derived from 2,3-Di-O-Methyl-d- and -l-Tartaric Acids and Hexamethylenediamine. 2. Influence of the Configurational Composition on the Crystal Structure of Optically Compensated Systems. <i>Macromolecules</i> , <b>1996</b> , 29, 8413-8424	5.5	27
10	Stereocopolyamides Derived from 2,3-Di-O-methyl-d- and -l-tartaric Acids and Hexamethylenediamine. 1. Synthesis, Characterization, and Compared Properties. <i>Macromolecules</i> , <b>1996</b> , 29, 8404-8412	5.5	27
9	Poly(Hsobutyl-D,L-aspartate)s: Polymerization effects on configuration and crystal structure of the stereocopolymers <b>1996</b> , 34, 1959-1968		4
8	Analysis of the conformational preferences of (4R,5R)-4,5-bis(alkylcarbamoyl)-1,3-dioxolanes. <i>Tetrahedron</i> , <b>1996</b> , 52, 8275-8286	2.4	6
7	Structure and Thermal Properties of New Comblike Polyamides: Helical Poly(.beta.-L-aspartate)s Containing Linear Alkyl Side Chains. <i>Macromolecules</i> , <b>1995</b> , 28, 5535-5546	5.5	62
6	Poly(Hbutyl L-aspartate): A second alkoxy carbonyl nylon-3 derivative in helical conformation. <i>Macromolecular Chemistry and Physics</i> , <b>1995</b> , 196, 253-268	2.6	26
5	Influence of the chemical modification of phenoxy resin on its miscibility with poly(2-vinyl pyridine). <i>Polymer International</i> , <b>1994</b> , 33, 393-398	3.3	5

4	Poly(L-aspartate)s Containing Ethylene Oxide Units in the Side Chain: Synthesis and Structural Studies. <i>Polymer Journal</i> , <b>1994</b> , 26, 694-704	2.7	9
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2	Chemical modifications of phenoxy resin. Synthesis and 1H NMR study of model compounds. <i>Magnetic Resonance in Chemistry</i> , <b>1991</b> , 29, 1005-1011	2.1	1
1	Synthesis and characterization of poly(butylene terephthalate) copolyesters derived from threitol. <i>Polymers and Polymer Composites</i> , 096739112110232	0.8	0