

Ernesto Perez

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234
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#	Paper	IF	Citations
226	Competition between β and γ Polymorphs in a β -Nucleated Metallocenic Isotactic Polypropylene. <i>Macromolecules</i> , 2007 , 40, 6871-6878	5.5	149
225	Influence of the Polymer Microstructure on the Thermal Properties of Cycloolefin Copolymers with High Norbornene Contents. <i>Macromolecular Chemistry and Physics</i> , 2001 , 202, 614-620	2.6	85
224	Wide-Angle X-ray Diffraction Study of the Phase Behavior of Vinyl Alcohol/Ethylene Copolymers. <i>Macromolecules</i> , 1998 , 31, 2559-2564	5.5	71
223	Nanofibrillar Patterns by Plasma Etching: The Influence of Polymer Crystallinity and Orientation in Surface Morphology. <i>Macromolecules</i> , 2010 , 43, 9908-9917	5.5	60
222	Metallocenic Copolymers of Isotactic Propylene and 1-Octadecene: Crystalline Structure and Mechanical Behavior. <i>Macromolecular Chemistry and Physics</i> , 2005 , 206, 1221-1230	2.6	56
221	Metallocene copolymers of propene and 1-hexene: The influence of the comonomer content and thermal history on the structure and mechanical properties. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2006 , 44, 1253-1267	2.6	55
220	Obtaining the β phase in isotactic polypropylene: effect of catalyst system and crystallization conditions. <i>Polymer</i> , 1999 , 40, 675-681	3.9	55
219	Influence of isotacticity and molecular weight on the properties of metallocenic isotactic polypropylene. <i>European Polymer Journal</i> , 2007 , 43, 2357-2370	5.2	53
218	Synthesis and properties of elastomeric poly(propylene). <i>Macromolecular Chemistry and Physics</i> , 1999 , 200, 1292-1297	2.6	52
217	Stress-Strain Behaviour, Microhardness, and Dynamic Mechanical Properties of a Series of Ethylene-Norbornene Copolymers. <i>Macromolecular Chemistry and Physics</i> , 2001 , 202, 2547-2553	2.6	49
216	Formation of the New Trigonal Polymorph in iPP- β -Hexene Copolymers. Competition with the Mesomorphic Phase. <i>Macromolecules</i> , 2009 , 42, 702-708	5.5	44
215	Thermotropic properties and conformational studies on poly(triethylene glycol p,p'-bibenzoate) and poly(octamethylene p,p'-bibenzoate). <i>Macromolecules</i> , 1992 , 25, 605-610	5.5	44
214	The effect of thermal treatment on the structure and relaxation processes of olefinic polymers synthesized with metallocene catalysts. <i>Polymer</i> , 2000 , 41, 5957-5965	3.9	43
213	Synthesis and characterization of copolymers of ethylene and 1-octadecene using the rac-Et(Ind) ₂ ZrCl ₂ /MAO catalyst system. <i>Macromolecular Chemistry and Physics</i> , 1999 , 200, 1306-1310	2.6	43
212	Effect of composition and molecular weight on the crystallization behavior of blends of iPP and a metallocenic ethylene/1-octene copolymer. <i>Macromolecular Chemistry and Physics</i> , 2002 , 203, 1844-1851	2.6	42
211	Influence of the spacer on the thermotropic and conformational properties of poly[oxybis(trimethylene) p,p'-bibenzoate] and poly(heptamethylene p,p'-bibenzoate). <i>Macromolecules</i> , 1993 , 26, 1072-1077	5.5	41
210	Structure and Mechanical Behavior of the Mesomorphic Form in a Propylene-b-Poly(ethylene-co-propylene) Copolymer and Its Comparison with Other Thermal Treatments. <i>Polymer Journal</i> , 2003 , 35, 766-777	2.7	40

209	Syndiotactic polypropylene and its copolymers with alpha-olefins. Effect of composition and length of comonomer. <i>Polymer</i> , 2005 , 46, 12287-12297	3.9	39
208	Comonomer Length Influence on the Structure and Mechanical Response of Metallocenic Polypropylenic Materials. <i>Macromolecular Chemistry and Physics</i> , 2008 , 209, 2259-2267	2.6	38
207	Structure characterization of copolymers of ethylene and 1-octadecene. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2000 , 38, 1440-1448	2.6	36
206	Lightweight nanocomposites based on poly(vinylidene fluoride) and Al nanoparticles: Structural, thermal and mechanical characterization and EMI shielding capability. <i>Materials Chemistry and Physics</i> , 2013 , 142, 469-478	4.4	35
205	Tailoring the Formation Rate of the Mesophase in Random Propylene-co-1-pentene Copolymers. <i>Macromolecules</i> , 2012 , 45, 6481-6490	5.5	35
204	Effect of the comonomer content on the mechanical parameters and microhardness values in poly(ethylene-co-1-octadecene) synthesized by a metallocene catalyst. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2001 , 39, 277-285	2.6	35
203	Enhancing the formation of the new trigonal polymorph in isotactic propene-1-pentene copolymers: Determination of the X-ray crystallinity. <i>Macromolecular Research</i> , 2011 , 19, 1179-1185	1.9	34
202	Crystalline Structure and Viscoelastic Behavior in Composites of a Metallocenic Ethylene-1-octene Copolymer and Glass Fiber. <i>Macromolecular Chemistry and Physics</i> , 2002 , 203, 718-726	2.6	34
201	Effect of Short Glass Fiber on Structure and Mechanical Behavior of an Ethylene-1-Octene Copolymer. <i>Macromolecular Chemistry and Physics</i> , 2001 , 202, 2686-2695	2.6	34
200	Hybrid HDPE/MCM-41 nanocomposites: Crystalline structure and viscoelastic behaviour. <i>Microporous and Mesoporous Materials</i> , 2010 , 130, 215-223	5.3	33
199	Microhardness and thermal study of the annealing effects in vinyl alcohol-ethylene copolymers. <i>Polymer</i> , 1995 , 36, 1887-1892	3.9	30
198	Development of the mesomorphic phase in isotactic propene/higher α -olefin copolymers at intermediate comonomer content and its effect on properties. <i>European Polymer Journal</i> , 2010 , 46, 1345-1354	5.2	29
197	Hybrids based on poly(vinylidene fluoride) and Cu nanoparticles: Characterization and EMI shielding. <i>European Polymer Journal</i> , 2012 , 48, 1160-1168	5.2	28
196	Influence of annealing on the thermal and viscoelastic behaviour of poly(triethylene glycol p,p'-dibenzoate). <i>Polymer</i> , 1994 , 35, 3686-3690	3.9	28
195	Relaxation processes in thermotropic polydibenzoates with oxyethylene spacers in the main chain. <i>Polymer</i> , 1993 , 34, 2344-2347	3.9	28
194	Crystallization behavior of poly(L-lactic acid)-based ecomposites prepared with kenaf fiber and rice straw. <i>Polymer Composites</i> , 2010 , 31, 974-984	3	27
193	Thermo and photo-oxidation of functionalized metallocene high density polyethylene: Effect of hydrophilic groups. <i>Polymer Degradation and Stability</i> , 2015 , 111, 78-88	4.7	26
192	Crystallization behaviour of fractions of a copolymer of propene and 1-hexene. <i>Polymer</i> , 1997 , 38, 5411-5418	5.1	26

191	Viscoelastic relaxations in poly(ethylene-co-1-octadecene) synthesized by a metallocene catalyst. <i>Polymer</i> , 2002 , 43, 6821-6828	3.9	26
190	Observation of Two Glass Transitions in a Thermotropic Liquid-Crystalline Polymer. <i>Macromolecules</i> , 2004 , 37, 9018-9026	5.5	25
189	Viscoelastic relaxation mechanisms of conventional polypropylene toughened by a plastomer. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2003 , 41, 1878-1888	2.6	25
188	Viscoelastic processes in vinyl alcohol-ethylene copolymers. Influence of composition and thermal treatment. <i>Polymer</i> , 2000 , 41, 6655-6661	3.9	25
187	Crystallization behaviour of polyoxetanes: poly(oxetane), poly(3,3-dimethyloxetane) and poly(3,3-diethyloxetane). <i>Colloid and Polymer Science</i> , 1983 , 261, 571-576	2.4	25
186	Self-reinforced hybrid polyethylene/MCM-41 nanocomposites: in-situ polymerisation and effect of MCM-41 content on rigidity. <i>Journal of Nanoscience and Nanotechnology</i> , 2009 , 9, 3966-74	1.3	24
185	Isotactic poly(propylene-co-1-pentene-co-1-hexene) terpolymers: Synthesis, molecular characterization, and evidence of the trigonal polymorph. <i>Journal of Polymer Science Part A</i> , 2013 , 51, 3251-3259	2.5	23
184	Solid-state nuclear magnetic resonance study of linear low-density polyethylenes: 1. Ethylene-1-butene copolymers. <i>Polymer</i> , 1989 , 30, 1508-1512	3.9	23
183	Mesophase Formation in Random Propylene-co-1-octene Copolymers. <i>Macromolecules</i> , 2013 , 46, 8557-8568	5.6	22
182	Synchrotron X-ray Study of the Phase Transitions in Liquid Crystal Polyesters Derived from p,p'-Bibenzoic Acid and racemic- and (R)-3-Methyl-1,6-hexanediol. <i>Macromolecules</i> , 2000 , 33, 3023-3030	5.5	22
181	Microhardness and DSC measurements on liquid crystalline poly(diethylene glycol-p,p'-bibenzoate) as a function of the ageing time. <i>Polymer Bulletin</i> , 1992 , 29, 233-237	2.4	22
180	Poly(vinyl alcohol)-poly(acrylic acid) interpenetrating networks. Study on phase separation and molecular motions. <i>Polymer</i> , 2005 , 46, 7066-7071	3.9	21
179	Thermotropic liquid crystal polyesters derived from 4,4'-biphenyldicarboxylic acid and oxyalkylene spacers. <i>Macromolecular Symposia</i> , 1994 , 84, 297-306	0.8	20
178	Stabilization in Water of Large Hydrophobic Uniform Magnetite Cubes by Silica Coating. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 25247-25256	3.8	19
177	Toughening of a propylene-b-(ethylene-co-propylene) copolymer by a plastomer. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2002 , 40, 1869-1880	2.6	19
176	Dynamic mechanical analysis of the two glass transitions in a thermotropic polymer. <i>Polymer</i> , 2005 , 46, 10004-10010	3.9	19
175	Mechanical Properties of Ultra High Molecular Weight Polyethylene Obtained with Different Cocatalyst Systems. <i>Polymer Journal</i> , 2002 , 34, 125-131	2.7	19
174	Solid-state carbon-13 NMR study of thermotropic polybibenzoates. 1. Poly(heptamethylene, p,p'-bibenzoate) and poly[oxybis(trimethylene) p,p'-bibenzoate]. <i>Macromolecules</i> , 1993 , 26, 5852-5859	5.5	19

173	Influence of chemical composition distribution and thermal history on the mechanical properties and viscoelastic relaxations of ethylene-1-butene copolymers. <i>Journal of Materials Science</i> , 1990 , 25, 4162-4168	4.3	19
172	Gamma polymorph and branching formation as inductors of resistance to electron beam irradiation in metallocene isotactic polypropylene. <i>Polymer Degradation and Stability</i> , 2010 , 95, 462-469	4.7	18
171	Mechanical Properties of Drawn Smectic Mesophases. Poly(tetramethylenoxypropylenep,p-bibenzoate). <i>Macromolecules</i> , 2003 , 36, 5798-5803	5.5	18
170	Study of the effects of the reaction conditions on the modification of clays with polyelectrolytes and silanes. <i>Journal of Colloid and Interface Science</i> , 2010 , 342, 185-91	9.3	17
169	Thermal and morphological characteristics of polypropylene/smectic polyester blends. <i>Polymer</i> , 2007 , 48, 3137-3147	3.9	17
168	Amorphous-smectic glassy main chain LCPs. II. Dielectric study of the glass transition. <i>Polymer</i> , 2004 , 45, 1533-1543	3.9	17
167	Structure and Phase Transitions of Poly(heptamethylene p,p'-bibenzoate): Time-Resolved Synchrotron WAXS and DSC Studies. <i>Macromolecular Chemistry and Physics</i> , 2003 , 204, 1791-1799	2.6	17
166	Phase transitions in liquid crystalline poly(octamethylene p,p'-dibenzoate). <i>Polymer</i> , 1994 , 35, 4794-4798	3.9	17
165	Solid-State ¹³ C NMR Study of Thermotropic Poly(bibenzoates). 2. Poly(triethylene glycol p,p'-bibenzoate). <i>Macromolecules</i> , 1995 , 28, 6211-6218	5.5	17
164	Decorated MCM-41/polyethylene hybrids: Crystalline details and viscoelastic behavior. <i>Polymer</i> , 2013 , 54, 2611-2620	3.9	16
163	Parallel and Perpendicular Orientation in a Thermotropic Main-Chain Liquid-Crystalline Polymer. <i>Macromolecules</i> , 2007 , 40, 703-709	5.5	16
162	Metallocenic Isotactic Poly(propylene) and its Copolymers with 1-Hexene and Ethylene. <i>Macromolecular Chemistry and Physics</i> , 2007 , 208, 1510-1521	2.6	16
161	Synchrotron X-ray and DSC Studies of the Phase Behaviour of Poly(diethylene glycol p,p'-bibenzoate). <i>Macromolecular Chemistry and Physics</i> , 2003 , 204, 2155-2162	2.6	16
160	Experimental evidence of the glass transition in a metallocene ethylene-1-octene copolymer and its composites with glass fibre. <i>Polymer</i> , 2001 , 42, 7197-7202	3.9	16
159	UHMWPE/SBA-15 nanocomposites synthesized by in situ polymerization. <i>Microporous and Mesoporous Materials</i> , 2016 , 232, 13-25	5.3	15
158	Effect of the intercalated/exfoliated nanostructure on the phase transformations of smectic polyester/layered silicate hybrids: Reinforcement of the liquid-crystalline matrix. <i>Polymer</i> , 2009 , 50, 1447-1455	3.9	15
157	The Two Crystallization Modes of Mesophase Forming Polymers. <i>Macromolecules</i> , 2007 , 40, 1775-1778	5.5	15
156	Amorphous-Smectic Glassy Main-Chain LCPs, 1. Poly(ether esters) Derived from Hydroxybiphenzoic Acid and (R,S)- and (R)-2-Methylpropane-1,3-diol. <i>Macromolecular Chemistry and Physics</i> , 2002 , 203, 2508-2515	2.6	15

155	Solubility of thermotropic polybenzoates with oxyethylene spacers. <i>Polymer Bulletin</i> , 1991 , 25, 413-418.	4	15
154	Microhardness as a thermally activated process: Indentation time dependence for an amorphous copolyester. <i>Journal of Applied Polymer Science</i> , 1993 , 48, 1177-1181	2.9	15
153	Thermotropic Behavior of a Liquid Crystalline Polybenzoate with an Asymmetric Oxymethylene Spacer. <i>Macromolecules</i> , 2004 , 37, 8634-8640	5.5	14
152	Permeation measurements in ethylene-1-hexene, ethylene-1-octene, and ethylene-1-dodecene copolymers synthesized with metallocene catalysts. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2003 , 41, 2174-2184	2.6	14
151	Synthesis, molecular characterization, evaluation of polymorphic behavior and indentation response in isotactic poly(propylene-co-1-heptene) copolymers. <i>European Polymer Journal</i> , 2015 , 64, 52-61	5.2	13
150	Structure and Phase Transitions of Poly(heptamethylene-p-benzoate) As Studied by DSC and Real-Time SAXS/MAXS Employing Synchrotron Radiation. <i>Macromolecules</i> , 2004 , 37, 118-125	5.5	13
149	The effect of annealing on the structure and relaxation processes of vinyl alcohol-ethylene copolymers. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2001 , 39, 1-12	2.6	13
148	Effect of molecular weight and temperature on the isothermal crystallization of poly(oxetane). <i>Colloid and Polymer Science</i> , 1984 , 262, 605-610	2.4	13
147	Trigonal Form as a tool for tuning mechanical behavior in poly(propylene-co-1-pentene-co-1-heptene) terpolymers. <i>Polymer</i> , 2016 , 99, 112-121	3.9	13
146	Crosslinking in metallocene ethylene-co-5,7-dimethylocta-1,6-diene copolymers initiated by electron-beam irradiation. <i>Polymer</i> , 2009 , 50, 1095-1102	3.9	12
145	Phase behaviour of a liquid crystalline polyetherester derived from 4'-hydroxy-1,1'-biphenyl-4-carboxylic acid and the ether-diol 4-(3-hydroxypropoxy)butan-1-ol. <i>Polymer</i> , 2006 , 47, 2080-2090	3.9	12
144	Preparation and Characterisation of Hydrophobically Modified Hydroxypropylcellulose: Side-Chain Crystallisation. <i>Macromolecular Chemistry and Physics</i> , 2004 , 205, 1886-1892	2.6	12
143	Influence of the molecular weight on the thermal and mechanical properties of ethylene/norbornene copolymers. <i>Journal of Applied Polymer Science</i> , 2003 , 89, 3358-3363	2.9	12
142	Solid-state ¹³ C nuclear magnetic resonance investigation of poly(oxetanes): Effect of chain conformation. <i>Polymer</i> , 1987 , 28, 733-738	3.9	12
141	Synthesis and phase behaviour of liquid crystalline polyesters derived from p,p'-biphenyl-4,4'-dicarboxylic acid and meso and R-3-methylhexanediol. <i>Polymer</i> , 1998 , 39, 3847-3852	3.9	11
140	Ethylene/10-Undecenoic Acid Copolymers Prepared with Different Metallocene Catalysts. <i>Macromolecular Chemistry and Physics</i> , 2007 , 208, 841-850	2.6	11
139	Effects of clay nanoparticles and electron irradiation in the crystallization rate of syndiotactic polypropylene. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2007 , 45, 1068-1076	2.6	11
138	Effect of compatibilizer and electron irradiation on free-volume and microhardness of syndiotactic polypropylene/clay nanocomposites. <i>Radiation Physics and Chemistry</i> , 2008 , 77, 138-145	2.5	11

137	Positron Annihilation in Metallocene Ethylene/1-Hexene Copolymers Related to Their Structure and Mechanical Properties. <i>Macromolecules</i> , 2005 , 38, 8430-8439	5.5	11
136	Blends of isotactic polypropylenes and a plastomer: crystallization and viscoelastic behavior. <i>Macromolecular Symposia</i> , 2003 , 198, 91-102	0.8	11
135	Effect of the comonomer content on the permeation behavior in polyolefin films synthesized with metallocene catalysts. <i>Journal of Membrane Science</i> , 2003 , 212, 167-176	9.6	11
134	The effect of orientation on the morphology and viscoelastic response of vinyl alcohol-ethylene copolymers. <i>Macromolecular Chemistry and Physics</i> , 2000 , 201, 1858-1868	2.6	11
133	Crystallization kinetics of isotactic poly(1-hexadecene). <i>Polymer</i> , 1994 , 35, 3039-3045	3.9	11
132	Unprecedented dependence of stiffness parameters and crystallinity on comonomer content in rapidly cooled propylene-co-1-pentene copolymers. <i>Polymer</i> , 2017 , 130, 17-25	3.9	10
131	Hybrid materials obtained by in situ polymerization based on polypropylene and mesoporous SBA-15 silica particles: Catalytic aspects, crystalline details and mechanical behavior. <i>Polymer</i> , 2018 , 151, 218-230	3.9	10
130	Polymesomorphism and orientation in liquid crystalline poly(triethylene glycol p,p'-bibenzoate). <i>Colloid and Polymer Science</i> , 2010 , 288, 859-867	2.4	10
129	Liquid-crystalline copolymers of bibenzoate and terephthalate units. <i>Polymer Bulletin</i> , 2006 , 56, 571-577	2.4	10
128	Thermal properties of non-symmetric bibenzoate liquid crystalline dimers. <i>Liquid Crystals</i> , 2004 , 31, 109-118	1.8	10
127	Thermal and viscoelastic behaviour of copolymers of propene and 1-hexene. <i>Polymer Bulletin</i> , 1996 , 36, 249-256	2.4	10
126	Crystallization kinetics of the monoclinic modification of poly(3,3-dimethyl oxetane). <i>Colloid and Polymer Science</i> , 1984 , 262, 913-918	2.4	10
125	Influence of addition of organic fillers on the properties of mechanically recycled PLA. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 24291-24304	5.1	10
124	Effect of the degree of substitution in the transition temperatures and hydrophobicity of hydroxypropyl cellulose esters. <i>Carbohydrate Polymers</i> , 2015 , 125, 224-31	10.3	9
123	Identification of Additives in Polypropylene and Their Degradation under Solar Exposure Studied by Gas Chromatography-Mass Spectrometry. <i>ACS Omega</i> , 2020 , 5, 9055-9063	3.9	9
122	Microstructure of metallocene isotactic propylene-co-1-pentene-co-1-hexene terpolymers. <i>Journal of Polymer Science Part A</i> , 2014 , 52, 2537-2547	2.5	9
121	Influence of structure on the properties of polypropylene copolymers and terpolymers. <i>Polymer Testing</i> , 2017 , 62, 23-32	4.5	9
120	Influence of Nucleation on polymorphism and properties in random copolymers and terpolymers of propylene. <i>Polymer Engineering and Science</i> , 2012 , 52, 2285-2295	2.3	9

119	X-ray diffraction, calorimetric, and dielectric relaxation study of the amorphous and smectic states of a main chain liquid crystalline polymer. <i>Journal of Physical Chemistry B</i> , 2012 , 116, 9846-59	3.4	9
118	Characterization and properties of ethylene-propylene copolymers synthesized with homogeneous and supported metallocene catalyst in the whole range of compositions. <i>Macromolecular Research</i> , 2011 , 19, 351-363	1.9	9
117	Two Competing Crystallization Modes in a Smectogenic Polyester. <i>Macromolecules</i> , 2010 , 43, 4172-4183	5.5	9
116	Curve fitting using heuristics and bio-inspired optimization algorithms for experimental data processing in chemistry. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2009 , 96, 34-42	3.8	9
115	Nonisothermal melt-crystallization kinetics of isotactic polypropylene synthesized with a metallocene catalyst and compounded with different quantities of an nucleator. <i>Journal of Applied Polymer Science</i> , 2008 , 109, 1338-1349	2.9	9
114	Phase Behaviour of New Side-Chain Liquid Crystalline Polyoxetanes. <i>Macromolecular Chemistry and Physics</i> , 2005 , 206, 1731-1744	2.6	9
113	Dynamic mechanical relaxations of liquid crystalline copolyesters derived from bibenzoic acid. <i>Polymer</i> , 1996 , 37, 2379-2384	3.9	9
112	Polymerization of 1-decene with MgCl ₂ -supported Ziegler-Natta catalyst systems. Effect of Lewis bases. <i>Die Makromolekulare Chemie Rapid Communications</i> , 1991 , 12, 353-358		9
111	Effect of crystallization conditions on the morphological structure of ethylene-1-butene copolymers obtained by different ziegler-natta catalyst systems. <i>Polymer Engineering and Science</i> , 1991 , 31, 1189-1193	2.3	9
110	Fast scanning calorimetry study of the structural relaxation in a random propylene-co-1-octene copolymer. <i>Thermochimica Acta</i> , 2015 , 603, 116-122	2.9	8
109	Synthesis, Phase Behaviour and Mechanical Properties of Poly(2-methyl-1,3-propanediol-4,4'-bibenzoate). <i>Macromolecular Chemistry and Physics</i> , 2007 , 208, 2611-2620	2.6	8
108	Preparation and Characterization of Interpenetrating Polymer Hydrogels Based on Poly(acrylic acid) and Poly(vinyl alcohol). <i>Macromolecular Symposia</i> , 2005 , 222, 163-168	0.8	8
107	Glass-transition temperature determination by microhardness in norbornene-ethylene copolymers. <i>Journal of Applied Polymer Science</i> , 2003 , 89, 3666-3671	2.9	8
106	Norbornene-Ethylene Copolymers Studied by Non-Destructive Methods. <i>Polymer Journal</i> , 2002 , 34, 779-786	2.8	8
105	Study of the melting process in polyoxetanes. <i>European Polymer Journal</i> , 1987 , 23, 469-474	5.2	8
104	Raman spectroscopy studies on structural modifications in poly(3,3-dimethyl oxetane). <i>European Polymer Journal</i> , 1985 , 21, 449-453	5.2	8
103	Nanocomposites Based on Isotactic Polypropylene-Copper Nanoparticles as Electromagnetic Shields. <i>Science of Advanced Materials</i> , 2013 , 5, 1524-1532	2.3	8
102	Confinement of iPP crystallites within mesoporous SBA-15 channels in extruded iPP-SBA-15 nanocomposites studied by Small Angle X-ray scattering. <i>Microporous and Mesoporous Materials</i> , 2018 , 272, 209-216	5.3	8

101	NMR study of the comonomer effect in metallocene poly(propylene-co-1-pentene) copolymers synthesized at low temperature. <i>Journal of Polymer Science Part A</i> , 2017 , 55, 843-854	2.5	7
100	Fourier Transform Infrared Spectroscopy study of polymorphism in propylene-co-1-pentene copolymers: Trigonal form identification. <i>European Polymer Journal</i> , 2015 , 63, 227-236	5.2	7
99	Rapid determination of comonomer content, crystallinity, and long spacing by multiple-pulse proton NMR in ethylene/vinyl alcohol copolymers. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1998 , 36, 2103-2109	2.6	7
98	Structure-dynamics relationship during the amorphous to smectic transition of a main chain liquid crystalline polymer. <i>Journal of Non-Crystalline Solids</i> , 2005 , 351, 2768-2772	3.9	7
97	Structural details, viscoelastic and mechanical response in blends of a vinyl alcohol-ethylene copolymer and a metallocenic ethylene-1-octene copolymer. <i>Polymer</i> , 2004 , 45, 171-179	3.9	7
96	Effect of short glass fiber on structure and viscoelastic behavior of olefinic polymers synthesized with metallocene catalyst. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2003 , 41, 1244-1255	2.6	7
95	The effect of tensile drawing on the structure and relaxation processes in vinyl alcohol-ethylene copolymers. <i>Polymer</i> , 2001 , 42, 3127-3138	3.9	7
94	Preparation and properties of terpolymers of ethylene, vinyl acetate and vinyl alcohol. <i>Macromolecular Chemistry and Physics</i> , 2000 , 201, 1323-1328	2.6	7
93	Mechanical properties and dynamic mechanical relaxations of ethylene/alpha-olefin copolymers. <i>British Polymer Journal</i> , 1990 , 23, 95-100		7
92	Confinement of iPP chains in the interior of SBA-15 mesostructure ascertained by gas transport properties in iPP-SBA-15 nanocomposites prepared by extrusion. <i>Journal of Membrane Science</i> , 2019 , 569, 137-148	9.6	7
91	Hafnocene catalyst for polyethylene and its nanocomposites with SBA-15 by in situ polymerization: Immobilization approaches, catalytic behavior and properties evaluation. <i>European Polymer Journal</i> , 2016 , 85, 298-312	5.2	6
90	Smectic polyester/layered silicate nanostructured hybrids: Effect of modified nanoclay in the phase transitions. <i>Polymer</i> , 2012 , 53, 386-394	3.9	6
89	Thermotropic Phase Behavior of a Liquid-Crystalline Poly(ether ester) Derived from Hydroxydibenzoic Acid, 2-Methyl-1,3-propanediol and R-1,3-Butanediol. <i>Macromolecular Chemistry and Physics</i> , 2007 , 208, 520-528	2.6	6
88	Structural Characterization and Relaxation Processes of the Inner Crystalline Core in Foams Based on Polyethylene/Polypropylene Blends. <i>Polymer Journal</i> , 2003 , 35, 920-927	2.7	6
87	Metallocenic copolymers of ethylene and 5,7-dimethylocta-1,6-diene: Structural characterization and mechanical behavior. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2004 , 42, 3797-3808	2.6	6
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