

# Ernesto Perez

## 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.

226  
papers

3,156  
citations

29  
h-index

41  
g-index

234  
ext. papers

3,445  
ext. citations

3.5  
avg, IF

4.82  
L-index

#	Paper	IF	Citations
226	Unique stiffness-deformability features of dendrimeric silica reinforced HDPE nanocomposites obtained by an innovative route. <i>Microporous and Mesoporous Materials</i> , <b>2022</b> , 331, 111619	5.3	0
225	Composites of a PLA with SBA-15 mesoporous silica: Polymorphism and properties after isothermal cold crystallization. <i>Polymer</i> , <b>2022</b> , 241, 124515	3.9	3
224	Effect of Graphene Nanofibers on the Morphological, Structural, Thermal, Phase Transitions and Mechanical Characteristics in Metallocene iPP Based Nanocomposites. <i>Journal of Composites Science</i> , <b>2022</b> , 6, 161	3	
223	Influence of addition of organic fillers on the properties of mechanically recycled PLA. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 24291-24304	5.1	10
222	Confinement in Extruded Nanocomposites Based on PCL and Mesoporous Silicas: Effect of Pore Sizes and Their Influence in Ultimate Mechanical Response. <i>Journal of Composites Science</i> , <b>2021</b> , 5, 321	3	1
221	Synchrotron and Raman Study of the Rotator Phases and Polymorphism in Tricosane Paraffin. <i>Polymers</i> , <b>2020</b> , 12,	4.5	1
220	Identification of Additives in Polypropylene and Their Degradation under Solar Exposure Studied by Gas Chromatography-Mass Spectrometry. <i>ACS Omega</i> , <b>2020</b> , 5, 9055-9063	3.9	9
219	Variation of Ultimate Properties in Extruded iPP-Mesoporous Silica Nanocomposites by Effect of iPP Confinement within the Mesostructures. <i>Polymers</i> , <b>2020</b> , 12,	4.5	5
218	Effect of iPP molecular weight on its confinement within mesoporous SBA-15 silica in extruded iPP/SBA-15 nanocomposites. <i>Microporous and Mesoporous Materials</i> , <b>2020</b> , 294, 109945	5.3	2
217	Composites Based on Poly(Lactic Acid) (PLA) and SBA-15: Effect of Mesoporous Silica on Thermal Stability and on Isothermal Crystallization from Either Glass or Molten State. <i>Polymers</i> , <b>2020</b> , 12,	4.5	3
216	Characteristics of the Non-Isothermal and Isothermal Crystallization for the [Polymorph in PVDF by Fast Scanning Calorimetry. <i>Polymers</i> , <b>2020</b> , 12,	4.5	4
215	A New Insight into the Comonomer Effect through NMR Analysis in Metallocene Catalysed Propene-1-Nonene Copolymers. <i>Polymers</i> , <b>2019</b> , 11,	4.5	5
214	Morphology, thermal, and crystallization analysis of polylactic acid in the presence of carbon nanotube fibers with tunable fiber loadings through polymer infiltration. <i>Polymer Crystallization</i> , <b>2019</b> , 2, e10081	0.9	0
213	Chain Features and Their Influence on the Thermal Stability of Poly(propylene-co-1-nonene) Copolymers. <i>Macromolecular Chemistry and Physics</i> , <b>2019</b> , 220, 1900175	2.6	
212	Effect of thermo-oxidation on loss of plasticizers, on crystalline features and on properties in a metallocene isotactic polypropylene. <i>Polymer</i> , <b>2019</b> , 181, 121749	3.9	1
211	Crystalline Characteristics and Their Influence in the Mechanical Performance in Poly(εCaprolactone) / High Density Polyethylene Blends. <i>Polymers</i> , <b>2019</b> , 11,	4.5	2
210	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> , <b>2019</b> , 569, 137-148	9.6	7

209	Extraordinary mechanical performance in disentangled UHMWPE films processed by compression molding. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , <b>2019</b> , 90, 202-207	4.1	6
208	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> , <b>2018</b> , 151, 218-230	3.9	10
207	Poly(propylene-co-1-pentene-co-1-heptene) terpolymers: Mechanical and rheological behavior. <i>Polymer</i> , <b>2018</b> , 156, 44-53	3.9	1
206	Electromagnetic interference shielding response and rheological behavior of lightweight nanocomposites based on isotactic polypropylene and Al nanoparticles. <i>Polymer Testing</i> , <b>2018</b> , 72, 263-270	4.5	5
205	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> , <b>2018</b> , 272, 209-216	5.3	8
204	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> , <b>2017</b> , 55, 843-854	2.5	7
203	Unprecedented dependence of stiffness parameters and crystallinity on comonomer content in rapidly cooled propylene-co-1-pentene copolymers. <i>Polymer</i> , <b>2017</b> , 130, 17-25	3.9	10
202	Influence of structure on the properties of polypropylene copolymers and terpolymers. <i>Polymer Testing</i> , <b>2017</b> , 62, 23-32	4.5	9
201	Influence of polymorphism and the new trigonal modification on the mechanical response of isotactic poly(propylene-co-1-pentene-co-1-hexene) terpolymers. <i>European Polymer Journal</i> , <b>2017</b> , 97, 366-377	5.2	1
200	Dependence of phase transitions on composition in isotactic poly(propylene-co-1-pentene-co-1-hexene) terpolymers. <i>RSC Advances</i> , <b>2016</b> , 6, 82907-82915	3.7	3
199	Preparation and Properties of a Main-Chain Smectic Liquid-Crystalline Elastomer with Shape-Memory Ability. <i>Macromolecules</i> , <b>2016</b> , 49, 5306-5314	5.5	5
198	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> , <b>2016</b> , 85, 298-312	5.2	6
197	The exceptional magnetic inequivalence in helical form I of poly-1-pentene. <i>Polymer</i> , <b>2016</b> , 92, 164-169	3.9	
196	UHMWPE/SBA-15 nanocomposites synthesized by in situ polymerization. <i>Microporous and Mesoporous Materials</i> , <b>2016</b> , 232, 13-25	5.3	15
195	Microstructure and thermal stability in metallocene iPP-materials: 1-pentene and 1-hexene copolymers. <i>Polymer Degradation and Stability</i> , <b>2016</b> , 124, 77-86	4.7	5
194	Mechanical and Transport Properties of Poly(propylene-co-1-heptene) Copolymers and Their Dependence on Monoclinic and/or Mesomorphic Polymorphs. <i>Journal of Physical Chemistry B</i> , <b>2016</b> , 120, 1347-56	3.4	2
193	Relationship Between Composition, Structure and Dynamics of Main-Chain Liquid Crystalline Polymers with Biphenyl Mesogens <b>2016</b> , 453-476		2
192	Structure and Phase Transitions of Polymer Liquid Crystals, Revealed by Means of Differential Scanning Calorimetry, Real-Time Synchrotron WAXD, MAXS and SAXS and Microscopy <b>2016</b> , 19-52		1

191	Mesophase Formation in Isotactic Polypropylene Copolymers <b>2016</b> , 537-559		
190	Mesophase features in isotactic poly(propylene-co-1-heptene) copolymers. <i>Polymer International</i> , <b>2016</b> , 65, 596-604	3.3	5
189	The role of mesophases in the ordering of polymers. <i>European Polymer Journal</i> , <b>2016</b> , 81, 661-673	5.2	4
188	Trigonal Form as a tool for tuning mechanical behavior in poly(propylene-co-1-pentene-co-1-heptene) terpolymers. <i>Polymer</i> , <b>2016</b> , 99, 112-121	3.9	13
187	Fast scanning calorimetry study of the structural relaxation in a random propylene-co-1-octene copolymer. <i>Thermochimica Acta</i> , <b>2015</b> , 603, 116-122	2.9	8
186	Effect of copper nanoparticles incorporation on the polar beta-phase development in polyvinylidene fluoride. <i>Materials Chemistry and Physics</i> , <b>2015</b> , 162, 794-800	4.4	4
185	Effect of the degree of substitution in the transition temperatures and hydrophobicity of hydroxypropyl cellulose esters. <i>Carbohydrate Polymers</i> , <b>2015</b> , 125, 224-31	10.3	9
184	Thermo and photo-oxidation of functionalized metallocene high density polyethylene: Effect of hydrophilic groups. <i>Polymer Degradation and Stability</i> , <b>2015</b> , 111, 78-88	4.7	26
183	Fourier Transform Infrared Spectroscopy study of polymorphism in propylene-co-1-pentene copolymers: Trigonal form identification. <i>European Polymer Journal</i> , <b>2015</b> , 63, 227-236	5.2	7
182	Synthesis, molecular characterization, evaluation of polymorphic behavior and indentation response in isotactic poly(propylene-co-1-heptene) copolymers. <i>European Polymer Journal</i> , <b>2015</b> , 64, 52-61	5.2	13
181	Microstructure of metallocene isotactic propylene-co-1-pentene-co-1-hexene terpolymers. <i>Journal of Polymer Science Part A</i> , <b>2014</b> , 52, 2537-2547	2.5	9
180	Lightweight Nanocomposites Based on Polypropylene and Aluminum Nanoparticles and Their Shielding Capability to Ionizing Radiation. <i>IEEE Nanotechnology Magazine</i> , <b>2014</b> , 13, 502-509	2.6	5
179	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> , <b>2013</b> , 142, 469-478	4.4	35
178	Decorated MCM-41/polyethylene hybrids: Crystalline details and viscoelastic behavior. <i>Polymer</i> , <b>2013</b> , 54, 2611-2620	3.9	16
177	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> , <b>2013</b> , 51, 3251-3259	2.5	23
176	Effect of Polymer Structure and Incorporation of Nanoparticles on the Behavior of Syndiotactic Polypropylenes. <i>Macromolecular Chemistry and Physics</i> , <b>2013</b> , 214, 2567-2578	2.6	2
175	Mesophase Formation in Random Propylene-co-1-octene Copolymers. <i>Macromolecules</i> , <b>2013</b> , 46, 8557-8568	5.8	22
174	Nanocomposites Based on Isotactic Polypropylene-Copper Nanoparticles as Electromagnetic Shields. <i>Science of Advanced Materials</i> , <b>2013</b> , 5, 1524-1532	2.3	8

173	Smectic polyester/layered silicate nanostructured hybrids: Effect of modified nanoclay in the phase transitions. <i>Polymer</i> , <b>2012</b> , 53, 386-394	3.9	6
172	Influence of Nucleation on polymorphism and properties in random copolymers and terpolymers of propylene. <i>Polymer Engineering and Science</i> , <b>2012</b> , 52, 2285-2295	2.3	9
171	Tailoring the Formation Rate of the Mesophase in Random Propylene-co-1-pentene Copolymers. <i>Macromolecules</i> , <b>2012</b> , 45, 6481-6490	5.5	35
170	Hybrids based on poly(vinylidene fluoride) and Cu nanoparticles: Characterization and EMI shielding. <i>European Polymer Journal</i> , <b>2012</b> , 48, 1160-1168	5.2	28
169	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> , <b>2012</b> , 116, 9846-59	3.4	9
168	Liquid Crystalline 4-(2,3 Dihydroxypropoxy) Diphenyl 4-n-Alcoxy Acids. <i>Molecular Crystals and Liquid Crystals</i> , <b>2012</b> , 553, 175-184	0.5	4
167	Stabilization in Water of Large Hydrophobic Uniform Magnetite Cubes by Silica Coating. <i>Journal of Physical Chemistry C</i> , <b>2011</b> , 115, 25247-25256	3.8	19
166	Characterization and properties of ethylene-propylene copolymers synthesized with homogeneous and supported metallocene catalyst in the whole range of compositions. <i>Macromolecular Research</i> , <b>2011</b> , 19, 351-363	1.9	9
165	Enhancing the formation of the new trigonal polymorph in isotactic propene-1-pentene copolymers: Determination of the X-ray crystallinity. <i>Macromolecular Research</i> , <b>2011</b> , 19, 1179-1185	1.9	34
164	Metallocene ethylene-co-(5,7-dimethylocta-1, 6-diene) copolymers crosslinked using electron beam irradiation: a tunable alternative. <i>Polymer International</i> , <b>2011</b> , 60, n/a-n/a	3.3	1
163	Tailoring the Phase Behavior in Thermotropic Copolyesters. <i>Macromolecular Chemistry and Physics</i> , <b>2011</b> , 212, 1971-1980	2.6	4
162	Polymorphism in a metallocenic isotactic polypropylene as revealed by means of FTIR spectroscopy: Influence of the processing conditions. <i>Journal of Applied Polymer Science</i> , <b>2011</b> , 121, 1023-1031 <sup>1</sup>	2.9	1
161	Tailoring transport properties in blends based on olefinic and liquid crystalline polymers. <i>Journal of Membrane Science</i> , <b>2011</b> , 377, 141-150	9.6	3
160	Nanofibrillar Patterns by Plasma Etching: The Influence of Polymer Crystallinity and Orientation in Surface Morphology. <i>Macromolecules</i> , <b>2010</b> , 43, 9908-9917	5.5	60
159	Two Competing Crystallization Modes in a Smectogenic Polyester. <i>Macromolecules</i> , <b>2010</b> , 43, 4172-4183	5.5	9
158	Polymesomorphism and orientation in liquid crystalline poly(triethylene glycol p,p'-bibenzoate). <i>Colloid and Polymer Science</i> , <b>2010</b> , 288, 859-867	2.4	10
157	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> , <b>2010</b> , 342, 185-91	9.3	17
156	Hybrid HDPE/MCM-41 nanocomposites: Crystalline structure and viscoelastic behaviour. <i>Microporous and Mesoporous Materials</i> , <b>2010</b> , 130, 215-223	5.3	33

155	Gamma polymorph and branching formation as inductors of resistance to electron beam irradiation in metallocene isotactic polypropylene. <i>Polymer Degradation and Stability</i> , <b>2010</b> , 95, 462-469	4.7	18
154	Development of the mesomorphic phase in isotactic propene/higher $\alpha$ -olefin copolymers at intermediate comonomer content and its effect on properties. <i>European Polymer Journal</i> , <b>2010</b> , 46, 1345-1354 <sup>29</sup>	5.2	29
153	Cooling rate effect on the phase transitions in a polymer liquid crystal: DSC and real-time MAXS and WAXD experiments. <i>European Polymer Journal</i> , <b>2010</b> , 46, 1623-1632	5.2	4
152	Positron spectroscopy analysis in metallocene propylene/1-octadecene copolymers: Parameters dependence on monoclinic and mesomorphic polymorphs. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>2010</b> , 48, 1994-2002	2.6	1
151	Crystallization behavior of poly(L-lactic acid)-based ecomposites prepared with kenaf fiber and rice straw. <i>Polymer Composites</i> , <b>2010</b> , 31, 974-984	3	27
150	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> , <b>2009</b> , 9, 3966-74	1.3	24
149	Effect of different thermal treatments on the mechanical performance of poly(L-lactic acid) based eco-composites. <i>Journal of Applied Polymer Science</i> , <b>2009</b> , 116, n/a-n/a	2.9	2
148	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> , <b>2009</b> , 50, 1447-1455 <sup>15</sup>	3.9	15
147	Crosslinking in metallocene ethylene-co-5,7-dimethylocta-1,6-diene copolymers initiated by electron-beam irradiation. <i>Polymer</i> , <b>2009</b> , 50, 1095-1102	3.9	12
146	Curve fitting using heuristics and bio-inspired optimization algorithms for experimental data processing in chemistry. <i>Chemometrics and Intelligent Laboratory Systems</i> , <b>2009</b> , 96, 34-42	3.8	9
145	Formation of the New Trigonal Polymorph in iPP-Hexene Copolymers. Competition with the Mesomorphic Phase. <i>Macromolecules</i> , <b>2009</b> , 42, 702-708	5.5	44
144	Applications of Synchrotron X-Ray Diffraction to the Study of the Phase Behavior in Liquid Crystalline Polymers. <i>Lecture Notes in Physics</i> , <b>2009</b> , 157-182	0.8	1
143	Simultaneous Synchrotron X-ray Diffraction and Stress-Strain or Stress-Relaxation Experiments for the Study of Parallel and Perpendicular Orientation in a Liquid Crystalline Polymer. <i>Macromolecules</i> , <b>2008</b> , 41, 421-428	5.5	3
142	Structure and Phase Transitions of Ethyl 4'-n-undecyloxybiphenyl-4-carboxylate and Its Acid Derivative. <i>Molecular Crystals and Liquid Crystals</i> , <b>2008</b> , 489, 222/[548]-236/[562]	0.5	2
141	Effect of compatibilizer and electron irradiation on free-volume and microhardness of syndiotactic polypropylene/clay nanocomposites. <i>Radiation Physics and Chemistry</i> , <b>2008</b> , 77, 138-145	2.5	11
140	Molecular weight effect on the obtainment of parallel and perpendicular orientation in thermotropic poly(diethylene glycol p,p'-biphenzoate). <i>Polymer Bulletin</i> , <b>2008</b> , 60, 89-96	2.4	4
139	Comonomer Length Influence on the Structure and Mechanical Response of Metallocenic Polypropylenic Materials. <i>Macromolecular Chemistry and Physics</i> , <b>2008</b> , 209, 2259-2267	2.6	38
138	Nonisothermal melt-crystallization kinetics of isotactic polypropylene synthesized with a metallocene catalyst and compounded with different quantities of an $\alpha$ -nucleator. <i>Journal of Applied Polymer Science</i> , <b>2008</b> , 109, 1338-1349	2.9	9

137	The Two Crystallization Modes of Mesophase Forming Polymers. <i>Macromolecules</i> , <b>2007</b> , 40, 1775-1778	5.5	15
136	Parallel and Perpendicular Orientation in a Thermotropic Main-Chain Liquid-Crystalline Polymer. <i>Macromolecules</i> , <b>2007</b> , 40, 703-709	5.5	16
135	Competition between $\beta$ and $\gamma$ Polymorphs in a $\beta$ -Nucleated Metallocenic Isotactic Polypropylene. <i>Macromolecules</i> , <b>2007</b> , 40, 6871-6878	5.5	149
134	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> , <b>2007</b> , 208, 520-528	2.6	6
133	Ethylene/10-Undecenoic Acid Copolymers Prepared with Different Metallocene Catalysts. <i>Macromolecular Chemistry and Physics</i> , <b>2007</b> , 208, 841-850	2.6	11
132	Metallocenic Isotactic Poly(propylene) and its Copolymers with 1-Hexene and Ethylene. <i>Macromolecular Chemistry and Physics</i> , <b>2007</b> , 208, 1510-1521	2.6	16
131	Synthesis, Phase Behaviour and Mechanical Properties of Poly(2-methyl-1,3-propanediol-4,4'-bibenzoate). <i>Macromolecular Chemistry and Physics</i> , <b>2007</b> , 208, 2611-2620	2.6	8
130	Effect of Sample Configuration on the Morphology of Foamed LDPE/PP Blends Injection Molded by a Gas Counterpressure Process. <i>Macromolecular Materials and Engineering</i> , <b>2007</b> , 292, 769-779	3.9	5
129	Influence of isotacticity and molecular weight on the properties of metallocenic isotactic polypropylene. <i>European Polymer Journal</i> , <b>2007</b> , 43, 2357-2370	5.2	53
128	Thermal and morphological characteristics of polypropylene/smectic polyester blends. <i>Polymer</i> , <b>2007</b> , 48, 3137-3147	3.9	17
127	Effects of clay nanoparticles and electron irradiation in the crystallization rate of syndiotactic polypropylene. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>2007</b> , 45, 1068-1076	2.6	11
126	Structural relaxation in the amorphous and liquid-crystalline phases of a thermotropic polymer. <i>Polymer Bulletin</i> , <b>2007</b> , 58, 941-949	2.4	3
125	Liquid-crystalline copolymers of bibenzoate and terephthalate units. <i>Polymer Bulletin</i> , <b>2006</b> , 56, 571-577	2.4	10
124	Evolution of a Metallocenic sPP with Time: Changes in Crystalline Content and Enthalpic Relaxation. <i>Macromolecular Chemistry and Physics</i> , <b>2006</b> , 207, 1564-1574	2.6	3
123	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> , <b>2006</b> , 44, 1253-1267	2.6	55
122	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> , <b>2006</b> , 47, 2080-2090	3.9	12
121	Positron Annihilation in Metallocene Ethylene/1-Hexene Copolymers Related to Their Structure and Mechanical Properties. <i>Macromolecules</i> , <b>2005</b> , 38, 8430-8439	5.5	11
120	Structure-dynamics relationship during the amorphous to smectic transition of a main chain liquid crystalline polymer. <i>Journal of Non-Crystalline Solids</i> , <b>2005</b> , 351, 2768-2772	3.9	7

119	Preparation and Characterization of Interpenetrating Polymer Hydrogels Based on Poly(acrylic acid) and Poly(vinyl alcohol). <i>Macromolecular Symposia</i> , <b>2005</b> , 222, 163-168	0.8	8
118	Dynamic mechanical analysis of the two glass transitions in a thermotropic polymer. <i>Polymer</i> , <b>2005</b> , 46, 10004-10010	3.9	19
117	Non-isothermal crystallization of a vinyl alcohol/ethylene copolymer studied by DSC and real time WAXS/SAXS scattering. <i>Polymer</i> , <b>2005</b> , 46, 9831-9839	3.9	2
116	Syndiotactic polypropylene and its copolymers with alpha-olefins. Effect of composition and length of comonomer. <i>Polymer</i> , <b>2005</b> , 46, 12287-12297	3.9	39
115	Metallocenic Copolymers of Isotactic Propylene and 1-Octadecene: Crystalline Structure and Mechanical Behavior. <i>Macromolecular Chemistry and Physics</i> , <b>2005</b> , 206, 1221-1230	2.6	56
114	Phase Behaviour of New Side-Chain Liquid Crystalline Polyoxetanes. <i>Macromolecular Chemistry and Physics</i> , <b>2005</b> , 206, 1731-1744	2.6	9
113	Poly(vinyl alcohol)/poly(acrylic acid) interpenetrating networks. Study on phase separation and molecular motions. <i>Polymer</i> , <b>2005</b> , 46, 7066-7071	3.9	21
112	Synthesis of copolybibenzoates with thioether and ether groups in the flexible spacers. <i>Polymer International</i> , <b>2005</b> , 54, 1196-1204	3.3	1
111	Phase transitions in poly(heptane-1,7-diyl biphenyl-4,4'-dicarboxylate). SAXS, WAXS and DSC study. <i>Macromolecular Symposia</i> , <b>2004</b> , 212, 497-502	0.8	3
110	Structural details, viscoelastic and mechanical response in blends of a vinyl alcohol-ethylene copolymer and a metallocenic ethylene-1-octene copolymer. <i>Polymer</i> , <b>2004</b> , 45, 171-179	3.9	7
109	Oxygen permeability in blends of a vinyl alcohol/ethylene copolymer and a metallocenic ethylene/1-octene copolymer. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>2004</b> , 42, 3766-3774	2.6	3
108	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> , <b>2004</b> , 42, 3797-3808	2.6	6
107	Effect of Tacticity on the Structure of Poly(1-octadecene). <i>Macromolecular Chemistry and Physics</i> , <b>2004</b> , 205, 1877-1885	2.6	6
106	Preparation and Characterisation of Hydrophobically Modified Hydroxypropylcellulose: Side-Chain Crystallisation. <i>Macromolecular Chemistry and Physics</i> , <b>2004</b> , 205, 1886-1892	2.6	12
105	Amorphous-smectic glassy main chain LCs. II. Dielectric study of the glass transition. <i>Polymer</i> , <b>2004</b> , 45, 1533-1543	3.9	17
104	Thermal properties of non-symmetric bibenzoate liquid crystalline dimers. <i>Liquid Crystals</i> , <b>2004</b> , 31, 109-118	3.8	10
103	Structure and Phase Transitions of Poly(heptamethylene/p-bibenzoate) As Studied by DSC and Real-Time SAXS/MAXS Employing Synchrotron Radiation. <i>Macromolecules</i> , <b>2004</b> , 37, 118-125	5.5	13
102	Observation of Two Glass Transitions in a Thermotropic Liquid-Crystalline Polymer. <i>Macromolecules</i> , <b>2004</b> , 37, 9018-9026	5.5	25



101	Thermotropic Behavior of a Liquid Crystalline Polybibenzoate with an Asymmetric Oxymethylene Spacer. <i>Macromolecules</i> , <b>2004</b> , 37, 8634-8640	5.5	14
100	Structural characterization and mechanical behavior of metallocenic copolymers of ethylene and 5,7-dimethylocta-1,6-diene. <i>Macromolecular Symposia</i> , <b>2004</b> , 213, 315-326	0.8	
99	Blends of isotactic polypropylenes and a plastomer: crystallization and viscoelastic behavior. <i>Macromolecular Symposia</i> , <b>2003</b> , 198, 91-102	0.8	11
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