

# Roberto Pantani

## 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.

151 papers	3,195 citations	28 h-index	50 g-index
176 ext. papers	3,773 ext. citations	3.5 avg, IF	5.78 L-index

#	Paper	IF	Citations
151	Supercritical CO <sub>2</sub> impregnation of caffeine in biopolymer films to produce anti-cellulite devices. <i>Journal of Supercritical Fluids</i> , <b>2022</b> , 179, 105411	4.2	4
150	Characterization of Recycled/Virgin Polyethylene Terephthalate Composite Reinforced with Glass Fiber for Automotive Applications. <i>Journal of Composites Science</i> , <b>2022</b> , 6, 59	3	0
149	Injection Molding Simulation of Polyoxymethylene Using Crystallization Kinetics Data and Comparison with the Experimental Process. <i>Polymer Crystallization</i> , <b>2022</b> , 2022, 1-15	0.9	
148	A layer-by-layer approach based on APTES/Cloisite to produce novel and sustainable high performances materials based on hemp fiberboards. <i>Polymer Degradation and Stability</i> , <b>2022</b> , 198, 109892	4.7	0
147	Polycaprolactone/polyethylene-glycol capsules made by injection molding: A drug release modeling. <i>Materials Science and Engineering C</i> , <b>2021</b> , 123, 112036	8.3	1
146	Magnetic field-structuring as versatile approach to shape the anisotropic mechanical response of composite foams. <i>Composites Part B: Engineering</i> , <b>2021</b> , 212, 108659	10	2
145	Natural resources derived biocomposites as potential carriers of green pesticides in agricultural field: Designing and fabrication of a pot-like device. <i>Journal of Applied Polymer Science</i> , <b>2021</b> , 138, 51240	2.9	
144	Prediction of morphology development within microinjection molding samples. <i>Polymer</i> , <b>2021</b> , 228, 123850	3.9	3
143	Transport properties of water vapor through hemp fibers modified with a sustainable process: Effect of surface morphology on the thermodynamic and kinetic phenomena. <i>Applied Surface Science</i> , <b>2021</b> , 541, 148433	6.7	7
142	Carbon nanotubes and expanded graphite based bulk nanocomposites for de-icing applications. <i>Composites Part B: Engineering</i> , <b>2021</b> , 207, 108583	10	15
141	New Aircraft Anti/de-Icing Technologies. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2021</b> , 1024, 012012	0.4	
140	Comparison of Degradation Behavior of Newly Developed Encapsulation Materials for Photovoltaic Applications under Different Artificial Ageing Tests. <i>Polymers</i> , <b>2021</b> , 13,	4.5	1
139	Flow-induced crystallization of a Poly(Lactic acid): Effect of the application of low shear rates on the polymorphous crystallization. <i>Polymer</i> , <b>2021</b> , 229, 123997	3.9	2
138	Flexible eco-friendly multilayer film heaters. <i>Composites Part B: Engineering</i> , <b>2021</b> , 224, 109208	10	4
137	Fused Filament Deposition of PLA: The Role of Interlayer Adhesion in the Mechanical Performances. <i>Polymers</i> , <b>2021</b> , 13,	4.5	4
136	Isothermal crystallization of PLA: Nucleation density and growth rates of $\alpha$ and $\beta$ phases. <i>Canadian Journal of Chemical Engineering</i> , <b>2020</b> , 98, 1998-2007	2.3	5
135	Effect of Rapid Mold Heating on the Structure and Performance of Injection-Molded Polypropylene. <i>Polymers</i> , <b>2020</b> , 12,	4.5	11

134	Modelling of morphology development towards spherulites and shish kebabs: Application to isothermal flow-induced crystallization experiments on isotactic polypropylene. <i>Polymer</i> , <b>2020</b> , 196, 122459	3.9	7
133	Prediction of the maximum flow length of a thin injection molded part. <i>Journal of Polymer Engineering</i> , <b>2020</b> , 40, 783-795	1.4	1
132	Nucleation and Growth Rate of a Poly(Lactic Acid) in Quiescent Conditions. <i>Lecture Notes in Bioengineering</i> , <b>2020</b> , 41-47	0.8	
131	Low-Voltage Icing Protection Film for Automotive and Aeronautical Industries. <i>Nanomaterials</i> , <b>2020</b> , 10,	5.4	14
130	Effect of the application of low shear rates on the crystallization kinetics of PLA. <i>Polymer Crystallization</i> , <b>2020</b> , 3, e10139	0.9	0
129	GRICU 2019 special issue section preface. <i>Canadian Journal of Chemical Engineering</i> , <b>2020</b> , 98, 1866-1867	2.3	0
128	Modeling of the Injection Molding Process Coupled with the Fast Mold Temperature Evolution. <i>Journal of the Electrochemical Society</i> , <b>2019</b> , 166, B3148-B3155	3.9	3
127	Foam injection molding of magneto sensitive polymer composites <b>2019</b> ,		1
126	Morphology Development and Control <b>2019</b> , 243-294		1
125	UV Irradiated Graphene-Based Nanocomposites: Change in the Mechanical Properties by Local HarmoniX Atomic Force Microscopy Detection. <i>Materials</i> , <b>2019</b> , 12,	3.5	7
124	Process Induced Morphology Development of Isotactic Polypropylene on the Basis of Molecular Stretch and Mechanical Work Evolutions. <i>Materials</i> , <b>2019</b> , 12,	3.5	9
123	Enhanced Durability of Graphene-Based Epoxy Films. <i>Key Engineering Materials</i> , <b>2019</b> , 813, 279-284	0.4	
122	Poly(Lactic Acid): Flow-Induced Crystallization. <i>Advances in Polymer Science</i> , <b>2019</b> , 87-117	1.3	9
121	Lightweight High-Performance Polymer Composite for Automotive Applications. <i>Polymers</i> , <b>2019</b> , 11,	4.5	30
120	Hierarchical Structure of iPP During Injection Molding Process with Fast Mold Temperature Evolution. <i>Materials</i> , <b>2019</b> , 12,	3.5	14
119	Micromolded Polylactid Acid With Selective Degradation Rate. <i>Frontiers in Materials</i> , <b>2019</b> , 6,	4	3
118	PCL/Mesoglycan Devices Obtained by Supercritical Foaming and Impregnation. <i>Pharmaceutics</i> , <b>2019</b> , 11,	6.4	11
117	Effective de-icing skin using graphene-based flexible heater. <i>Composites Part B: Engineering</i> , <b>2019</b> , 162, 600-610	10	63

116	Injection molding of magneto-sensitive polymer composites. <i>Materials Today Communications</i> , <b>2018</b> , 15, 280-287	2.5	5
115	Determination of the effect of pressure on viscosity at high shear rates by using an injection molding machine. <i>Journal of Applied Polymer Science</i> , <b>2018</b> , 135, 45277	2.9	8
114	Effect of mold opening on the properties of PLA samples obtained by foam injection molding. <i>Polymer Engineering and Science</i> , <b>2018</b> , 58, 475-484	2.3	23
113	PLA Melt Stabilization by High-Surface-Area Graphite and Carbon Black. <i>Polymers</i> , <b>2018</b> , 10,	4.5	13
112	Hydrophobicity Tuning by the Fast Evolution of Mold Temperature during Injection Molding. <i>Polymers</i> , <b>2018</b> , 10,	4.5	10
111	Use of sunflower seed fried oil as an ecofriendly plasticizer for starch and application of this thermoplastic starch as a filler for PLA. <i>Industrial Crops and Products</i> , <b>2018</b> , 122, 545-552	5.9	26
110	Dynamic local temperature control in micro-injection molding: Effects on poly(lactic acid) morphology. <i>Polymer Engineering and Science</i> , <b>2018</b> , 58, 586-591	2.3	10
109	PLA-Based Nanobiocomposites with Modulated Biodegradation Rate. <i>Lecture Notes in Bioengineering</i> , <b>2018</b> , 51-60	0.8	
108	(Invited) Modeling Morphology Distribution in Injection Molded Polypropylene Parts. <i>ECS Transactions</i> , <b>2018</b> , 88, 169-175	1	
107	A Criterion for the Formation of Fibrillar Layers in Injection Molded Parts. <i>International Polymer Processing</i> , <b>2018</b> , 33, 355-362	1	6
106	Poly(Lactic Acid)-Based Nanobiocomposites with Modulated Degradation Rates. <i>Materials</i> , <b>2018</b> , 11,	3.5	18
105	Replication of Micro- and Nanofeatures in Injection Molding of Two PLA Grades with Rapid Surface-Temperature Modulation. <i>Materials</i> , <b>2018</b> , 11,	3.5	8
104	Smart behavior of elastomeric composites produced by injection molding. <i>Journal of Applied Polymer Science</i> , <b>2018</b> , 135, 46863	2.9	2
103	Magneto-mechanical behavior of elastomeric carbonyl iron particles composite foams produced by foam injection molding. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2018</b> , 466, 44-54	2.8	7
102	Effect of flow-induced crystallization on the distribution of spherulite dimensions along cross section of injection molded parts. <i>European Polymer Journal</i> , <b>2017</b> , 97, 220-229	5.2	22
101	Replication of micro and nano-features on iPP by injection molding with fast cavity surface temperature evolution. <i>Materials and Design</i> , <b>2017</b> , 133, 559-569	8.1	19
100	Effect of Draw Ratio on Physical, Release, and Antibacterial Properties of Poly(ε-caprolactone) Loaded with Lysozyme. <i>Macromolecular Materials and Engineering</i> , <b>2017</b> , 302, 1700367	3.9	1
99	Hydrolysis and Biodegradation of Poly(lactic acid). <i>Advances in Polymer Science</i> , <b>2017</b> , 119-151	1.3	39

98	Effect of molding conditions on crystallization kinetics and mechanical properties of poly(lactic acid). <i>Polymer Engineering and Science</i> , <b>2017</b> , 57, 306-311	2.3	23
97	Effect of processing condition on properties of polylactic acid parts obtained by foam injection molding. <i>Journal of Cellular Plastics</i> , <b>2017</b> , 53, 491-502	1.5	7
96	Morphology and structure development during injection molding with fast mold temperature evolution <b>2017</b> ,		1
95	Effect of processing conditions on the cell morphology distribution in foamed injection molded PLA samples <b>2017</b> ,		1
94	Thirty Years of Modeling of Injection Molding. A Brief Review of the Contribution of UNISA Code to the Field. <i>International Polymer Processing</i> , <b>2016</b> , 31, 655-663	1	12
93	Effects of an External Magnetic Field on Polymeric Foam-Ferromagnet Composites. <i>Advances in Science and Technology</i> , <b>2016</b> , 97, 30-35	0.1	
92	Fast temperature evolution on the mold surface: Analysis and simulation <b>2016</b> ,		3
91	Effect of shear flow on spherulitic growth and nucleation rates of polypropylene. <i>Polymer</i> , <b>2016</b> , 90, 102-110	3.9	26
90	The 70th Birthday of Prof. Giuseppe Titomanlio. <i>International Polymer Processing</i> , <b>2016</b> , 31, 530-531	1	
89	Effects of water sorption on poly(lactic acid). <i>Polymer</i> , <b>2016</b> , 99, 130-139	3.9	17
88	Analysis of flow induced crystallization through molecular stretch. <i>Polymer</i> , <b>2016</b> , 105, 187-194	3.9	9
87	Development of a rapid surface temperature variation system and application to micro-injection molding. <i>Journal of Materials Processing Technology</i> , <b>2016</b> , 237, 1-11	5.3	34
86	Polymeric foam-ferromagnet composites as smart lightweight materials. <i>Smart Materials and Structures</i> , <b>2016</b> , 25, 055014	3.4	15
85	Simultaneous morphological and rheological measurements on polypropylene: Effect of crystallinity on viscoelastic parameters. <i>Journal of Rheology</i> , <b>2015</b> , 59, 377-390	4.1	36
84	Preparation, processing and analysis of physical properties of calcium ferrite-CNTs/PET nano-composite. <i>Composites Part B: Engineering</i> , <b>2015</b> , 81, 44-52	10	20
83	Modulation of Biodegradation Rate of Poly(lactic acid) by Silver Nanoparticles. <i>Journal of Polymers and the Environment</i> , <b>2015</b> , 23, 316-320	4.5	16
82	A spectroscopic approach to assess transport properties of water vapor in PLA. <i>Polymer Testing</i> , <b>2015</b> , 44, 15-22	4.5	11
81	Melt compounding of poly (Lactic Acid) and talc: assessment of material behavior during processing and resulting crystallization. <i>Journal of Polymer Research</i> , <b>2015</b> , 22, 1	2.7	31

80	Assessment of ball milling methodology to develop polylactide-bacterial cellulose nanocrystals nanocomposites. <i>Journal of Applied Polymer Science</i> , <b>2015</b> , 132, n/a-n/a	2.9	16
79	Injection molding of iPP samples in controlled conditions and resulting morphology <b>2015</b> ,		1
78	Physical changes of poly(lactic acid) induced by water sorption <b>2015</b> ,		4
77	Effect of an acid filler on hydrolysis and biodegradation of poly-lactic acid (PLA) <b>2015</b> ,		1
76	Effect of crystallinity on the viscosity of an isotactic polypropylene <b>2015</b> ,		1
75	Biodegradable compounds: Rheological, mechanical and thermal properties <b>2015</b> ,		3
74	Modeling morphology evolution during injection molding of thermoplastic polymers <b>2015</b> ,		3
73	Effect of pressure on viscosity at high shear rates by using an injection molding machine <b>2015</b> ,		1
72	Foam injection molding of poly(lactic) acid: Effect of back pressure on morphology and mechanical properties. <i>Journal of Applied Polymer Science</i> , <b>2015</b> , 132, n/a-n/a	2.9	14
71	Processing and properties of biodegradable compounds based on aliphatic polyesters. <i>Journal of Applied Polymer Science</i> , <b>2015</b> , 132, n/a-n/a	2.9	12
70	Biodegradable antimicrobial films based on poly(lactic acid) matrices and active azo compounds. <i>Journal of Applied Polymer Science</i> , <b>2015</b> , 132, n/a-n/a	2.9	24
69	Thermal and hydrolytic degradation kinetics of PLA in the molten state. <i>Polymer Degradation and Stability</i> , <b>2014</b> , 100, 37-41	4.7	81
68	Evolution of iPP Relaxation Spectrum during Crystallization. <i>Macromolecular Theory and Simulations</i> , <b>2014</b> , 23, 300-306	1.5	21
67	Hybrid clay-carbon nanotube/PET composites: Preparation, processing, and analysis of physical properties. <i>Journal of Applied Polymer Science</i> , <b>2014</b> , 131, n/a-n/a	2.9	14
66	Foam injection molding of poly(lactic acid) with environmentally friendly physical blowing agents. <i>Journal of Materials Processing Technology</i> , <b>2014</b> , 214, 3098-3107	5.3	48
65	Spherulitic nucleation and growth rates in a sheared polypropylene melt <b>2014</b> ,		3
64	Fibrillar morphology formation in a sheared polypropylene melt <b>2014</b> ,		2
63	Modelling morphology evolution during solidification of IPP in processing conditions <b>2014</b> ,		7

62	Foam injection molding of poly(lactic acid) with physical blowing agents <b>2014</b> ,		7
61	Fibrillar Morphology in Shear-Induced Crystallization of Polypropylene. <i>Macromolecular Materials and Engineering</i> , <b>2014</b> , 299, 1465-1473	3.9	21
60	Characterization of the polycaprolactone melt crystallization: complementary optical microscopy, DSC, and AFM studies. <i>Scientific World Journal, The</i> , <b>2014</b> , 2014, 720157	2.2	23
59	PLA/Halloysite Nanocomposite Films: Water Vapor Barrier Properties and Specific Key Characteristics. <i>Macromolecular Materials and Engineering</i> , <b>2014</b> , 299, 104-115	3.9	103
58	Rheological and mechanical behavior of ethyl vinyl acetate/low density polyethylene blends for injection molding. <i>Journal of Applied Polymer Science</i> , <b>2013</b> , 127, 1157-1163	2.9	12
57	Nucleation density and growth rate of polypropylene measured by calorimetric experiments. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2013</b> , 112, 1481-1488	4.1	24
56	Barrier properties of PLA to water vapour: Effect of temperature and morphology. <i>Macromolecular Research</i> , <b>2013</b> , 21, 1110-1117	1.9	18
55	PLA-ZnO nanocomposite films: Water vapor barrier properties and specific end-use characteristics. <i>European Polymer Journal</i> , <b>2013</b> , 49, 3471-3482	5.2	176
54	Influence of crystallinity on the biodegradation rate of injection-moulded poly(lactic acid) samples in controlled composting conditions. <i>Polymer Degradation and Stability</i> , <b>2013</b> , 98, 1089-1096	4.7	145
53	Effect of PLA grades and morphologies on hydrolytic degradation at composting temperature: Assessment of structural modification and kinetic parameters. <i>Polymer Degradation and Stability</i> , <b>2013</b> , 98, 1006-1014	4.7	166
52	Electrical conductivity of carbon nanotubes grown inside a mesoporous anodic aluminium oxide membrane. <i>Carbon</i> , <b>2013</b> , 55, 10-22	10.4	31
51	Determination of the effect of pressure on viscosity of an isotactic polypropylene. <i>Polymer Bulletin</i> , <b>2013</b> , 70, 2005-2014	2.4	19
50	Monitoring of Injection Moulding of Thermoplastics: Adopting Pressure Transducers to Estimate the Solidification History and the Shrinkage of Moulded Parts. <i>Strojniski Vestnik/Journal of Mechanical Engineering</i> , <b>2013</b> , 59, 677-682	1.3	6
49	Optical properties of polypropylene upon recycling. <i>Scientific World Journal, The</i> , <b>2013</b> , 2013, 354093	2.2	12
48	Flow-Induced Morphology of iPP Solidified in a Shear Device. <i>Macromolecular Materials and Engineering</i> , <b>2012</b> , 297, 60-67	3.9	21
47	Orientation distribution in injection molding: a further step toward more accurate simulations. <i>Rheologica Acta</i> , <b>2012</b> , 51, 1041-1050	2.3	6
46	Adopting the Experimental Pressure Evolution to Monitor Online the Shrinkage in Injection Molding. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2012</b> , 51, 16034-16041	3.9	4
45	Process-Induced Morphology Distribution in Injection Molded Syndiotactic Polystyrene Samples. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2012</b> , 51, 10840-10847	3.9	5



44	Nucleation and crystallization kinetics of poly(lactic acid). <i>Thermochimica Acta</i> , <b>2011</b> , 522, 128-134	2.9	83
43	Monitoring of injection molding of thermoplastics: Average solidification pressure as a key parameter for quality control. <i>Macromolecular Research</i> , <b>2011</b> , 19, 542-554	1.9	21
42	Improving the predictions of injection molding simulation software. <i>Polymer Engineering and Science</i> , <b>2011</b> , 51, 2542-2551	2.3	28
41	Analysis of Shrinkage Development of a Semicrystalline Polymer during Injection Molding. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2010</b> , 49, 2469-2476	3.9	45
40	Shear-Induced Nucleation and Growth in Isotactic Polypropylene. <i>Macromolecules</i> , <b>2010</b> , 43, 9030-9038	5.5	90
39	Crystallization kinetics of virgin and processed poly(lactic acid). <i>Polymer Degradation and Stability</i> , <b>2010</b> , 95, 1148-1159	4.7	103
38	Crystallization of syndiotactic polystyrene under high pressure and cooling rate. <i>Macromolecular Research</i> , <b>2010</b> , 18, 1045-1052	1.9	7
37	Two-phase crystallization kinetics of syndiotactic polystyrene. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>2010</b> , 48, 1757-1766	2.6	7
36	Modeling Aspects of Post-Filling Steps in Injection Molding <b>2009</b> , 731-778		1
35	Pressure-dependent viscosity and free volume of atactic and syndiotactic polystyrene. <i>Rheologica Acta</i> , <b>2009</b> , 48, 467-478	2.3	33
34	Degradation kinetics and rheology of biodegradable polymers. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2009</b> , 98, 645-653	4.1	11
33	Spherulitic Nucleation and Growth Rates in an iPP under Continuous Shear Flow. <i>Macromolecules</i> , <b>2008</b> , 41, 9214-9223	5.5	58
32	As-molded shrinkage on industrial polypropylene injection molded parts: experiments and analysis. <i>International Journal of Material Forming</i> , <b>2008</b> , 1, 719-722	2	2
31	Melting and zero growth rate temperatures of syndiotactic polystyrene. <i>Colloid and Polymer Science</i> , <b>2008</b> , 286, 983-991	2.4	6
30	FTIR analysis of hydrolysis in aliphatic polyesters. <i>Polymer Degradation and Stability</i> , <b>2007</b> , 92, 1491-1497	4.7	44
29	Morphology evolution during injection molding: Effect of packing pressure. <i>Polymer</i> , <b>2007</b> , 48, 2778-2790	9.9	69
28	Anisotropic shrinkage of injection molded poly vinylidene fluoride samples. <i>Polymer Engineering and Science</i> , <b>2007</b> , 47, 1788-1795	2.3	6
27	Kinetics of melting and characterization of the thermodynamic and kinetic properties of syndiotactic polystyrene. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>2007</b> , 45, 196-207	2.6	27



26	Determination of crystallinity of an aliphatic polyester by FTIR spectroscopy. <i>Polymer Bulletin</i> , <b>2007</b> , 59, 403-412	2.4	11
25	Morphology Evolution During Polymer Crystallization Simultaneous Calorimetric and Optical Measurements. <i>Macromolecular Symposia</i> , <b>2006</b> , 234, 7-12	0.8	9
24	Injection molding of syndiotactic polystyrene/clay nanocomposites. <i>Polymer Engineering and Science</i> , <b>2006</b> , 46, 1768-1777	2.3	20
23	A novel apparatus for solidification of polymer samples under simultaneous high pressures and high cooling rates. <i>Review of Scientific Instruments</i> , <b>2005</b> , 76, 083901	1.7	5
22	Evolution of Morphology of iPP in Processing Conditions. <i>International Polymer Processing</i> , <b>2005</b> , 20, 186-190	1	12
21	Modeling of morphology evolution in the injection molding process of thermoplastic polymers. <i>Progress in Polymer Science</i> , <b>2005</b> , 30, 1185-1222	29.6	193
20	Validation of a model to predict birefringence in injection molding. <i>European Polymer Journal</i> , <b>2005</b> , 41, 1484-1492	5.2	18
19	Pressure Effect on Viscosity for Atactic and Syndiotactic Polystyrene. <i>Polymer Bulletin</i> , <b>2005</b> , 54, 365-376	2.4	31
18	Ejection force of tubular injection moldings. Part II: A prediction model. <i>Polymer Engineering and Science</i> , <b>2005</b> , 45, 325-332	2.3	19
17	Molecular orientation in injection molding: experiments and analysis. <i>Rheologica Acta</i> , <b>2004</b> , 43, 109-118	2.3	45
16	Analysis of gate freeze-off time in injection molding. <i>Polymer Engineering and Science</i> , <b>2004</b> , 44, 1-17	2.3	26
15	Crystallization kinetics of a fluorinated copolymer of tetrafluoroethylene. <i>European Polymer Journal</i> , <b>2004</b> , 40, 2089-2095	5.2	2
14	Pressure and cooling rate-induced densification of atactic polystyrene. <i>Journal of Applied Polymer Science</i> , <b>2003</b> , 89, 184-190	2.9	7
13	Crystallization kinetics and PVT behavior of poly(vinylidene fluoride) in process conditions. <i>Journal of Applied Polymer Science</i> , <b>2003</b> , 89, 3396-3403	2.9	11
12	Crystallization kinetics and solidified structure in iPP under high cooling rates. <i>Polymer</i> , <b>2003</b> , 44, 307-318	3.9	104
11	Effect of pressure and temperature history on volume relaxation of amorphous polystyrene. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>2003</b> , 41, 1526-1537	2.6	9
10	Morphology of injection moulded iPP samples. <i>Macromolecular Symposia</i> , <b>2002</b> , 185, 309-326	0.8	26
9	Molecular orientation and strain in injection moulding of thermoplastics. <i>Macromolecular Symposia</i> , <b>2002</b> , 185, 293-307	0.8	27

8	Relevance of mold-induced thermal boundary conditions and cavity deformation in the simulation of injection molding. <i>Polymer Engineering and Science</i> , <b>2001</b> , 41, 2022-2035	2.3	41
7	Description of PVT behavior of an industrial polypropylene/EPDM copolymer in process conditions. <i>Journal of Applied Polymer Science</i> , <b>2001</b> , 81, 267-278	2.9	28
6	Structural organization and transport properties of iPP/LLDPE blends solidified at controlled cooling rates. <i>Journal of Applied Polymer Science</i> , <b>2001</b> , 82, 2237-2244	2.9	5
5	Relevance of Crystallisation Kinetics in the Simulation of the Injection Molding Process. <i>International Polymer Processing</i> , <b>2001</b> , 16, 61-71	1	25
4	Solidification Criterion on Shrinkage Predictions for Semi-crystalline Injection Moulded Samples. <i>International Polymer Processing</i> , <b>2000</b> , 15, 284-290	1	13
3	Analysis of Shrinkage Development of Injection Moulded PS Samples. <i>International Polymer Processing</i> , <b>1999</b> , 14, 183-190	1	8
2	As-molded shrinkage measurements on polystyrene injection molded products. <i>Polymer Engineering and Science</i> , <b>1998</b> , 38, 254-264	2.3	52
1	In-Mould Shrinkage Measurements of PS Samples with Strain Gages. <i>International Polymer Processing</i> , <b>1997</b> , 12, 396-402	1	9