

# Finizia Auriemma

## List of Publications by Citations

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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.

190 papers	5,979 citations	44 h-index	68 g-index
193 ext. papers	6,511 ext. citations	5.7 avg, IF	5.61 L-index

#	Paper	IF	Citations
190	X-ray Diffraction Analysis of Poly(vinyl alcohol) Hydrogels, Obtained by Freezing and Thawing Techniques. <i>Macromolecules</i> , <b>2004</b> , 37, 1921-1927	5.5	429
189	Structure-property correlations in polypropylene from metallocene catalysts: stereodefective, regioregular isotactic polypropylene. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 17040-9	16.4	185
188	Investigation of the Crystallinity of Freeze/Thaw Poly(vinyl alcohol) Hydrogels by Different Techniques. <i>Macromolecules</i> , <b>2004</b> , 37, 9510-9516	5.5	169
187	Crystallization of Metallocene-Made Isotactic Polypropylene: Disordered Modifications Intermediate between the $\beta$ and $\gamma$ Forms. <i>Macromolecules</i> , <b>2002</b> , 35, 9057-9068	5.5	130
186	Structure and physical properties of syndiotactic polypropylene: A highly crystalline thermoplastic elastomer. <i>Progress in Polymer Science</i> , <b>2006</b> , 31, 145-237	29.6	128
185	Structural changes induced by thermal treatments on emptied and filled clathrates of syndiotactic polystyrene. <i>Macromolecular Chemistry and Physics</i> , <b>1995</b> , 196, 2795-2808	2.6	122
184	Stereocomplexed poly(limonene carbonate): a unique example of the cocrystallization of amorphous enantiomeric polymers. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 1215-8	16.4	117
183	Crystallization Behavior of Isotactic Propylene/Ethylene and Propylene/Butene Copolymers: Effect of Comonomers versus Stereodefects on Crystallization Properties of Isotactic Polypropylene. <i>Macromolecules</i> , <b>2007</b> , 40, 6600-6616	5.5	117
182	Disordered Polymorphic Modifications of Form I of Syndiotactic Polypropylene. <i>Macromolecules</i> , <b>1997</b> , 30, 4137-4146	5.5	108
181	Structural-mechanical phase diagram of isotactic polypropylene. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 11024-5	16.4	101
180	Structural Organization of Poly(vinyl alcohol) Hydrogels Obtained by Freezing and Thawing Techniques: A SANS Study. <i>Chemistry of Materials</i> , <b>2005</b> , 17, 1183-1189	9.6	96
179	Crystallization Properties and Polymorphic Behavior of Isotactic Poly(1-Butene) from Metallocene Catalysts: The Crystallization of Form I from the Melt. <i>Macromolecules</i> , <b>2009</b> , 42, 8286-8297	5.5	92
178	Mesomorphic Form of Syndiotactic Polypropylene. <i>Macromolecules</i> , <b>2000</b> , 33, 6200-6204	5.5	91
177	Comparison between Polymorphic Behaviors of Ziegler-Natta and Metallocene-Made Isotactic Polypropylene: The Role of the Distribution of Defects in the Polymer Chains. <i>Macromolecules</i> , <b>2004</b> , 37, 1441-1454	5.5	89
176	Crystal Structure of Form I of Syndiotactic Polypropylene. <i>Macromolecules</i> , <b>1996</b> , 29, 7452-7459	5.5	88
175	Crystallization of the $\beta$ and $\gamma$ Forms of Isotactic Polypropylene as a Tool To Test the Degree of Segregation of Defects in the Polymer Chains. <i>Macromolecules</i> , <b>2002</b> , 35, 3622-3629	5.5	87
174	On the Form II of Syndiotactic Polypropylene. <i>Macromolecules</i> , <b>1998</b> , 31, 7430-7435	5.5	86

173	Chirality Constraints in Crystal-Crystal Transformations: Isotactic Poly(1-butene) versus Syndiotactic Polypropylene. <i>Macromolecules</i> , <b>1998</b> , 31, 9253-9257	5.5	85
172	Short Time Dynamics of Solvent Molecules and Supramolecular Organization of Poly (vinyl alcohol) Hydrogels Obtained by Freeze/Thaw Techniques. <i>Macromolecules</i> , <b>2005</b> , 38, 6629-6639	5.5	79
171	Crystal Structure of Isotactic PropyleneHexene Copolymers: The Trigonal Form of Isotactic Polypropylene. <i>Macromolecules</i> , <b>2006</b> , 39, 6098-6109	5.5	79
170	Crystallization Behavior and Mechanical Properties of Regiodefective, Highly Stereoregular Isotactic Polypropylene: Effect of Regiodefects versus Stereodefects and Influence of the Molecular Mass. <i>Macromolecules</i> , <b>2005</b> , 38, 9143-9154	5.5	75
169	Origin of the Elastic Behavior of Syndiotactic Polypropylene. <i>Macromolecules</i> , <b>2001</b> , 34, 4485-4491	5.5	73
168	Stretching Isotactic Polypropylene: From Cross- to Crosshatches, from Form to Form. <i>Macromolecules</i> , <b>2006</b> , 39, 7635-7647	5.5	71
167	Mesomorphic Form (II) of Nylon 6. <i>Macromolecules</i> , <b>1997</b> , 30, 7554-7559	5.5	69
166	Crystal structure of the trigonal form of isotactic polypropylene as an example of density-driven polymer structure. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 80-1	16.4	68
165	From stiff plastic to elastic polypropylene: Polymorphic transformations during plastic deformation of metallocene-made isotactic polypropylene. <i>Polymer</i> , <b>2005</b> , 46, 9461-9475	3.9	67
164	The Oriented Form of Isotactic Polypropylene. <i>Macromolecules</i> , <b>2001</b> , 34, 4815-4826	5.5	66
163	Solid Mesophases in Semicrystalline Polymers: Structural Analysis by Diffraction Techniques. <i>Advances in Polymer Science</i> , <b>2005</b> , 1-74	1.3	65
162	Crystallization Behavior of PropyleneButene Copolymers: The Trigonal Form of Isotactic Polypropylene and Form I of Isotactic Poly(1-butene). <i>Macromolecules</i> , <b>2011</b> , 44, 540-549	5.5	64
161	Structure and Properties of Elastomeric Polypropylene from C <sub>2</sub> and C <sub>2v</sub> -Symmetric Zirconocenes. The Origin of Crystallinity and Elastic Properties in Poorly Isotactic Polypropylene. <i>Macromolecules</i> , <b>2004</b> , 37, 6843-6855	5.5	62
160	Polymorphic Behavior and Mechanical Properties of Isotactic 1-ButeneEthylene Copolymers from Metallocene Catalysts. <i>Macromolecules</i> , <b>2014</b> , 47, 4317-4329	5.5	61
159	New concepts in thermoplastic elastomers: the case of syndiotactic polypropylene, an unconventional elastomer with high crystallinity and large modulus. <i>Journal of the American Chemical Society</i> , <b>2003</b> , 125, 13143-7	16.4	58
158	Toward hyperuniform disordered plasmonic nanostructures for reproducible surface-enhanced Raman spectroscopy. <i>Physical Chemistry Chemical Physics</i> , <b>2015</b> , 17, 8061-9	3.6	52
157	Crystallization from the melt of Band I Forms of syndiotactic polystyrene. <i>Polymer</i> , <b>2003</b> , 44, 1861-1870	3.9	52
156	Structural Disorder in the Form of Isotactic Polypropylene. <i>Macromolecules</i> , <b>2000</b> , 33, 8764-8774	5.5	51

155	Equilibrium Melting Temperature of Syndiotactic Polypropylene. <i>Macromolecules</i> , <b>1998</b> , 31, 6206-6210	5.5	50
154	Enabling strategies in organic electronics using ordered block copolymer nanostructures. <i>Advanced Materials</i> , <b>2010</b> , 22, 5414-9	24	47
153	Structure of Isotactic Propylene-Pentene Copolymers. <i>Macromolecules</i> , <b>2007</b> , 40, 8531-8532	5.5	47
152	A microscopic insight into the deformation behavior of semicrystalline polymers: the role of phase transitions. <i>Physical Review Letters</i> , <b>2006</b> , 96, 167801	7.4	47
151	Phase transition from a C-centered to a B-centered orthorhombic crystalline form of syndiotactic poly(propylene). <i>Macromolecular Chemistry and Physics</i> , <b>1995</b> , 196, 4011-4024	2.6	47
150	Synthesis and characterization of high-molecular-weight syndiotactic amorphous polypropylene. <i>Journal of the American Chemical Society</i> , <b>2003</b> , 125, 10913-20	16.4	46
149	Mechanical Properties and Stress-Induced Phase Transformations of Metallocene Isotactic Poly(1-butene): The Influence of Stereodeflects. <i>Macromolecules</i> , <b>2014</b> , 47, 1053-1064	5.5	44
148	Morphology and Mechanical Properties of the Mesomorphic Form of Isotactic Polypropylene in Stereodeflective Polypropylene. <i>Macromolecules</i> , <b>2013</b> , 46, 5202-5214	5.5	44
147	Influence of Chain Microstructure on the Crystallization Kinetics of Metallocene-Made Isotactic Polypropylene. <i>Macromolecules</i> , <b>2005</b> , 38, 10080-10088	5.5	44
146	Crystals and crystallinity in polymeric materials. <i>Accounts of Chemical Research</i> , <b>2006</b> , 39, 314-23	24.3	43
145	Structure and Properties of Poly(vinyl alcohol) Hydrogels Obtained by Freeze/Thaw Techniques. <i>Macromolecular Symposia</i> , <b>2005</b> , 222, 49-64	0.8	43
144	Stereoblock Polypropylene from a Metallocene Catalyst with a Hapto-Flexible Naphthylindenyl Ligand. <i>Macromolecules</i> , <b>2003</b> , 36, 3465-3474	5.5	42
143	Metalloorganic polymerization catalysis as a tool to probe crystallization properties of polymers: the case of isotactic poly(1-butene). <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 9871-4	16.4	41
142	Structural Characterization of Syndiotactic Copolymers of Propene with 1-Butene. <i>Macromolecules</i> , <b>1998</b> , 31, 9109-9115	5.5	41
141	Crystallization of Alternating Limonene Oxide/Carbon Dioxide Copolymers: Determination of the Crystal Structure of Stereocomplex Poly(limonene carbonate). <i>Macromolecules</i> , <b>2015</b> , 48, 2534-2550	5.5	40
140	Stress-Induced Polymorphic Transformations and Mechanical Properties of Isotactic Propylene-Hexene Copolymers. <i>Crystal Growth and Design</i> , <b>2009</b> , 9, 165-176	3.5	39
139	On the form IV of syndiotactic polypropylene. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>1998</b> , 36, 395-402	2.6	39
138	Time-Resolved Study of the Martensitic Phase Transition in Syndiotactic Polypropylene. <i>Macromolecules</i> , <b>2003</b> , 36, 9396-9410	5.5	38

137	Polymorphism of syndiotactic polypropylene in copolymers of propylene with ethylene and 1-butene. <i>Polymer</i> , <b>1998</b> , 39, 6219-6226	3.9	36
136	Polymorphic superelasticity in semicrystalline polymers. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 4325-8	16.4	34
135	Influence of the stereoregularity on the crystallization of the trans planar mesomorphic form of syndiotactic polypropylene. <i>Polymer</i> , <b>2001</b> , 42, 9729-9734	3.9	34
134	Stereocomplexed Poly(Limonene Carbonate): A Unique Example of the Cocrystallization of Amorphous Enantiomeric Polymers. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 1231-1234	3.6	33
133	Slow Crystallization Kinetics of Poly(vinyl alcohol) in Confined Environment during Cryotropic Gelation of Aqueous Solutions. <i>Macromolecules</i> , <b>2006</b> , 39, 9429-9434	5.5	33
132	Synthesis and Ring-Opening Metathesis Polymerization of Norbornene-Terminated Syndiotactic Polypropylene. <i>Macromolecules</i> , <b>2012</b> , 45, 7863-7877	5.5	31
131	Crystal Structure of the Trigonal Form of Isotactic PropyleneBentene Copolymers: An Example of the Principle of EntropyDensity Driven Phase Formation in Polymers. <i>Macromolecules</i> , <b>2012</b> , 45, 2749-2763	5.5	31
130	Epitaxially Dominated Crystalline Morphologies of the BPhase in Isotactic Polypropylene. <i>Macromolecules</i> , <b>2009</b> , 42, 4758-4768	5.5	31
129	Kink Bands in Form II of Syndiotactic Polypropylene. <i>Macromolecules</i> , <b>1997</b> , 30, 6586-6591	5.5	31
128	Single site metallorganic polymerization catalysis as a method to probe the properties of polyolefins. <i>Polymer Chemistry</i> , <b>2011</b> , 2, 2155	4.9	30
127	Structure and Physical Properties of Syndiotactic Polypropylene from Living Polymerization with Bis(phenoxyimine)-Based Titanium Catalysts. <i>Macromolecules</i> , <b>2004</b> , 37, 9034-9047	5.5	30
126	Mesomorphic form of isotactic polypropylene in stereodeficient polypropylene: Solid mesophase or liquid-crystal like structure. <i>Polymer</i> , <b>2012</b> , 53, 2422-2428	3.9	29
125	Crystallization of the mesomorphic form and control of the molecular structure for tailoring the mechanical properties of isotactic polypropylene. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>2014</b> , 52, 677-699	2.6	28
124	Mechanical Properties and Elastic Behavior of High-Molecular-Weight Poorly Syndiotactic Polypropylene. <i>Macromolecules</i> , <b>2003</b> , 36, 7607-7617	5.5	28
123	Two Nanoporous Crystalline Forms of Poly(2,6-dimethyl-1,4-phenylene)oxide and Related Co-Crystalline Forms. <i>Macromolecules</i> , <b>2019</b> , 52, 9646-9656	5.5	28
122	A New Mesophase of Isotactic Polypropylene in Copolymers of Propylene with Long Branched Comonomers. <i>Macromolecules</i> , <b>2010</b> , 43, 8559-8569	5.5	26
121	Influence of the quenching temperature on the crystallization of the trans-planar mesomorphic form of syndiotactic polypropylene. <i>Polymer</i> , <b>2003</b> , 44, 6267-6272	3.9	25
120	Structure and Polymorphic Behavior of High Molecular Weight Poorly Syndiotactic Polypropylene. <i>Macromolecules</i> , <b>2004</b> , 37, 1422-1430	5.5	24

119	Deformation of Stereoirregular Isotactic Polypropylene across Length Scales. Influence of Temperature. <i>Macromolecules</i> , <b>2017</b> , 50, 2856-2870	5.5	23
118	The Role of Crystals in the Elasticity of Semicrystalline Thermoplastic Elastomers.. <i>Chemistry of Materials</i> , <b>2006</b> , 18, 3523-3530	9.6	23
117	Crystallization behavior and mechanical properties of copolymers of isotactic poly(1-butene) with 1-octene from metallocene catalysts. <i>Polymer</i> , <b>2015</b> , 73, 156-169	3.9	22
116	Polymorphic Transitions Induced by Annealing in Stretched Fibers of Syndiotactic Polypropylene. <i>Macromolecules</i> , <b>2005</b> , 38, 4791-4798	5.5	22
115	Crystalline EthyleneNorbornene Copolymers: Plastic Crystals from Macromolecules. <i>Macromolecules</i> , <b>2003</b> , 36, 3789-3792	5.5	22
114	Polymorphism in polymers: A tool to tailor material's properties. <i>Polymer Crystallization</i> , <b>2020</b> , 3, e101010	10.9	21
113	The deformability of polymers: the role of disordered mesomorphic crystals and stress-induced phase transformations. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 1207-11	16.4	21
112	Time-resolving analysis of cryotropic gelation of water/poly(vinyl alcohol) solutions via small-angle neutron scattering. <i>Journal of Physical Chemistry B</i> , <b>2008</b> , 112, 816-23	3.4	21
111	Formation of (MgCl <sub>2</sub> ) <sub>x</sub> Polynuclear Species During Preparation of Active MgCl <sub>2</sub> Supported ZieglerNatta Catalysts from Solid Solvates with Lewis Bases. <i>Chemistry of Materials</i> , <b>2007</b> , 19, 5803-5805	9.6	21
110	Crystallization properties of elastomeric polypropylene from alumina-supported tetraalkyl zirconium catalysts. <i>Polymer</i> , <b>2004</b> , 45, 5875-5888	3.9	21
109	Structure of Copolymers of Syndiotactic Polypropylene with Ethylene. <i>Macromolecules</i> , <b>2003</b> , 36, 1850-1864	13.4	21
108	Structural Transitions of the Trans-Planar Mesomorphic Form and Crystalline Form III of Syndiotactic Polypropylene in Stretched and Stress-Relaxed Fibers: A Memory Effect. <i>Macromolecules</i> , <b>2004</b> , 37, 1816-1824	5.5	21
107	Solid state <sup>13</sup> C NMR analysis of syndiotactic copolymers of propene with 1-butene. <i>Polymer</i> , <b>2000</b> , 41, 2141-2148	3.9	21
106	Oriented Microstructures of CrystallineCrystalline Block Copolymers Induced by Epitaxy and Competitive and Confined Crystallization. <i>Macromolecules</i> , <b>2016</b> , 49, 5576-5586	5.5	20
105	From Entropic to Enthalpic Elasticity: Novel Thermoplastic Elastomers from Syndiotactic PropyleneEthylene Copolymers. <i>Advanced Materials</i> , <b>2005</b> , 17, 1503-1507	24	20
104	Crystallization and mechanical properties of metallocene made 1-butene-pentene and 1-butene-hexene isotactic copolymers. <i>Polymer</i> , <b>2018</b> , 158, 231-242	3.9	20
103	Relations between Stereoregularity and Melt Viscoelasticity of Syndiotactic Polypropylene. <i>Macromolecules</i> , <b>2013</b> , 46, 7940-7946	5.5	19
102	The ModularForm of Isotactic Polypropylene: Stiff and Strong Polypropylene with High Deformability. <i>Macromolecules</i> , <b>2017</b> , 50, 5434-5446	5.5	19

101	Mechanical Properties of Helical and Mesomorphic Forms of Syndiotactic Polypropylene at Different Temperatures. <i>Macromolecules</i> , <b>2004</b> , 37, 7724-7735	5.5	19
100	Nano-in-Nano Approach for Enzyme Immobilization Based on Block Copolymers. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 29318-29327	9.5	18
99	Mechanical Properties of Syndiotactic Propylene-Ethylene Copolymers. <i>Macromolecules</i> , <b>2006</b> , 39, 249-255	5.5	18
98	Structural Analysis of Copolymers of Syndiotactic Polypropylene with <sup>13</sup> C-Enriched Ethylene. <i>Macromolecules</i> , <b>2002</b> , 35, 1314-1318	5.5	18
97	Mesophase Tuning in Discotic Dimers-Conjugated Ionic Liquid Crystals through Supramolecular Interactions and the Thermal History. <i>Crystal Growth and Design</i> , <b>2016</b> , 16, 5646-5656	3.5	17
96	Stability and phase transformations of the mesomorphic form of isotactic polypropylene in stereodeficient polypropylene. <i>European Polymer Journal</i> , <b>2013</b> , 49, 3590-3600	5.2	17
95	Tailoring Mechanical Properties of Isotactic Polypropylene Via Crystallization of the Mesophase and Control of Stereodeficient Concentration. <i>Macromolecular Chemistry and Physics</i> , <b>2013</b> , 214, 1951-1964	2.6	17
94	The Role of Shape and Size of Guest Molecules in the Formation of Clathrates and Intercalates of Syndiotactic Polystyrene. <i>Macromolecular Chemistry and Physics</i> , <b>2013</b> , 214, 1901-1911	2.6	17
93	Stem Tilt in Form Single Crystals of Isotactic Polypropylene: A Manifestation of Conformational Constraints Set by Stereochemistry and Minimized Fold Encumbrance. <i>Macromolecules</i> , <b>2011</b> , 44, 3916-3923	5.5	17
92	Reactive blending as a tool for obtaining poly(ethylene terephthalate)-based engineering materials with tailored properties. <i>Polymer</i> , <b>2010</b> , 51, 4340-4350	3.9	17
91	A study of the microstructural and diffusion properties of poly(vinyl alcohol) cryogels containing surfactant supramolecular aggregates. <i>Journal of Physical Chemistry B</i> , <b>2006</b> , 110, 23031-40	3.4	17
90	Disordered Chain Conformations of Poly(tetrafluoroethylene) in the High-Temperature Crystalline Form I. <i>Macromolecules</i> , <b>2004</b> , 37, 9473-9480	5.5	17
89	Effects of water sorption on poly(lactic acid). <i>Polymer</i> , <b>2016</b> , 99, 130-139	3.9	17
88	Phase Diagram of Syndiotactic Polypropylene: Influence of Stereoregularity and Temperature on the Polymorphic Behavior. <i>Macromolecules</i> , <b>2007</b> , 40, 611-622	5.5	16
87	Stereoblock Polypropylene as a Prototype Example of Elasticity via a Flip-Flop Reorientation of Crystals in a Compliant Matrix. <i>Advanced Materials</i> , <b>2007</b> , 19, 871-874	24	16
86	Crystallization Behavior of Copolymers of Isotactic Poly(1-butene) with Ethylene from Ziegler-Natta Catalyst: Evidence of the Blocky Molecular Structure. <i>Macromolecules</i> , <b>2019</b> , 52, 9114-9127	5.5	16
85	Crystal structures and polymorphism of polymers: Influence of defects and disorder. <i>Polymer Crystallization</i> , <b>2018</b> , 1, e10015	0.9	16
84	Structure-Property relationships in polyethylene based films obtained by blow molding as model system of industrial relevance. <i>European Polymer Journal</i> , <b>2015</b> , 62, 97-107	5.2	15



83	Time-Resolving Study of Stress-Induced Transformations of Isotactic Polypropylene through Wide Angle X-ray Scattering Measurements. <i>Polymers</i> , <b>2018</b> , 10,	4.5	14
82	Tailoring the Mechanical Properties of Isotactic Polypropylene by Blending Samples with Different Stereoregularity. <i>Macromolecules</i> , <b>2011</b> , 44, 6026-6038	5.5	14
81	Theoretical investigation of (MgCl <sub>2</sub> ) <sub>x</sub> polynuclear species formed during preparation of MgCl <sub>2</sub> -supported Ziegler-Natta catalysts from solid solvates. <i>Journal of Applied Crystallography</i> , <b>2008</b> , 41, 68-82	3.8	14
80	Crystal Structure of Alternating Isotactic Ethylene-Cyclopentene Copolymer. <i>Macromolecules</i> , <b>2005</b> , 38, 7416-7429	5.5	14
79	Crystal Structure of Alternating Ethylene-Norbornene Copolymer. <i>Macromolecules</i> , <b>2004</b> , 37, 9489-9502	5.5	14
78	Tailoring the properties of polypropylene in the polymerization reactor using polymeric nucleating agents as prepolymers on the Ziegler-Natta catalyst granule. <i>Polymer Chemistry</i> , <b>2017</b> , 8, 655-660	4.9	13
77	Kinetic Analysis of Cryotropic Gelation of Poly(Vinyl Alcohol)/Water Solutions by Small-Angle Neutron Scattering. <i>Advances in Polymer Science</i> , <b>2014</b> , 159-197	1.3	13
76	Structure and Morphology of Syndiotactic Poly(propene-co-1-butene)s with 1-Butene as a Rich Component. <i>Macromolecules</i> , <b>2010</b> , 43, 1449-1454	5.5	12
75	Mechanical Properties and Elastic Behavior of Syndiotactic Propene-Butene Copolymers. <i>Macromolecules</i> , <b>2009</b> , 42, 4728-4738	5.5	12
74	Structural and morphological aspects of some polymorphs of syndiotactic poly(p-methylstyrene). <i>Polymer</i> , <b>2000</b> , 41, 3745-3749	3.9	12
73	The blocky structure of Ziegler-Natta Random Copolymers: myths and experimental evidence. <i>Polymer Chemistry</i> , <b>2020</b> , 11, 34-38	4.9	12
72	Yield behavior of random copolymers of isotactic polypropylene. <i>Polymer</i> , <b>2017</b> , 129, 235-246	3.9	11
71	Mechanical Properties and Morphology of Propene-Pentene Isotactic Copolymers. <i>Macromolecules</i> , <b>2018</b> , 51, 3030-3040	5.5	11
70	Lipase immobilization for catalytic applications obtained using fumed silica deposited with MAPLE technique. <i>Applied Surface Science</i> , <b>2016</b> , 374, 346-352	6.7	11
69	Structural features of the mesomorphic form of syndiotactic poly(p-methylstyrene). <i>Polymer</i> , <b>1998</b> , 39, 3523-3528	3.9	11
68	Mesoscopic and microscopic investigation on poly(vinyl alcohol) hydrogels in the presence of sodium decylsulfate. <i>Journal of Physical Chemistry B</i> , <b>2007</b> , 111, 2166-73	3.4	11
67	Alternating isotactic ethylene-cyclopentene copolymer: a crystalline engineering elastomer including high amounts of structural disorder. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 2850-16.4	16.4	11
66	Controlling Size and Orientation of Lamellar Microdomains in Crystalline Block Copolymers. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 31252-31259	9.5	10



65	PropyleneButene Copolymers: Tailoring Mechanical Properties from Isotactic Polypropylene to Polybutene. <i>Macromolecules</i> , <b>2020</b> , 53, 4407-4421	5.5	10
64	Relationships among lamellar morphology parameters, structure and thermal behavior of isotactic propene-pentene copolymers: The role of incorporation of comonomeric units in the crystals. <i>European Polymer Journal</i> , <b>2018</b> , 103, 251-259	5.2	10
63	A New Crystalline Form of Syndiotactic Poly(1-butene): Crystal Structure of Form I?. <i>Macromolecules</i> , <b>2008</b> , 41, 5301-5306	5.5	10
62	Conformational analysis of highly extended poly(ethylene terephthalate) chains by Monte Carlo calculations. <i>Macromolecular Theory and Simulations</i> , <b>1995</b> , 4, 165-176	1.5	10
61	Unveiling the molecular structure of ethylene/1-octene multi-block copolymers from chain shuttling technology. <i>Polymer</i> , <b>2018</b> , 154, 298-304	3.9	10
60	Perfectly Alternating Ethylene/2-Butene Copolymers by Hydrogenation of Highly Stereoregular 1,4-Poly(1,3-diene)s: Synthesis and Characterization. <i>Macromolecules</i> , <b>2017</b> , 50, 754-761	5.5	9
59	Ethylene--norbornene Copolymerization Using a Dual Catalyst System in the Presence of a Chain Transfer Agent. <i>Polymers</i> , <b>2019</b> , 11,	4.5	9
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54	Molecular View of Properties of Random Copolymers of Isotactic Polypropylene. <i>Advances in Polymer Science</i> , <b>2016</b> , 45-92	1.3	9
53	Relationship Between Molecular Configuration and Stress-Induced Phase Transitions <b>2016</b> , 287-327		8
52	Confinement of Semiconductor ZnO Nanoparticles in Block Copolymer Nanostructure. <i>Journal of Physical Chemistry C</i> , <b>2017</b> , 121, 16617-16628	3.8	8
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50	Crystal Structure of Isotactic Poly((R,S)-3-methyl-1-pentene). <i>Macromolecules</i> , <b>2015</b> , 48, 5251-5266	5.5	7
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41	Mechanical Properties of Isotactic 1,2-Poly(E-3-methyl-1,3-pentadiene): An Example of Rubbery Elasticity below Glass Transition Temperature. <i>Macromolecules</i> , <b>2018</b> , 51, 488-496	5.5	6
40	Helical Mesophase of Syndiotactic Polypropylene in Copolymers with 1-Hexene and 1-Octene. <i>Macromolecules</i> , <b>2010</b> , 43, 9802-9809	5.5	6
39	Tuning Ordered Pattern of Pd Species through Controlled Block Copolymer Self-Assembly. <i>Journal of Physical Chemistry B</i> , <b>2016</b> , 120, 6829-41	3.4	5
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33	Polyolefins based crystalline block copolymers: Ordered nanostructures from control of crystallization. <i>Polymer</i> , <b>2020</b> , 196, 122423	3.9	5
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15	In-Depth Analysis of the Nonuniform Chain Microstructure of Multiblock Copolymers from Chain-Shuttling Polymerization. <i>Macromolecules</i> ,	5.5	2
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13	Predicting the glass transition temperature as function of crosslink density and polymer interactions in rubber compounds <b>2016</b> ,		2
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