Finizia Auriemma

List of Publications by Year
in descending order

191	7,079	57681 46	87275 74
papers	citations	h-index	g-index

193	193	193	4423
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	X-ray Diffraction Analysis of Poly(vinyl alcohol) Hydrogels, Obtained by Freezing and Thawing Techniques. Macromolecules, 2004, 37, 1921-1927.	2.2	563
2	Structureâ^'Property Correlations in Polypropylene from Metallocene Catalysts:Â Stereodefective, Regioregular Isotactic Polypropylene. Journal of the American Chemical Society, 2004, 126, 17040-17049.	6.6	201
3	Investigation of the Crystallinity of Freeze/Thaw Poly(vinyl alcohol) Hydrogels by Different Techniques. Macromolecules, 2004, 37, 9510-9516.	2.2	201
4	Structure and physical properties of syndiotactic polypropylene: A highly crystalline thermoplastic elastomer. Progress in Polymer Science, 2006, 31, 145-237.	11.8	161
5	Crystallization of Metallocene-Made Isotactic Polypropylene:Â Disordered Modifications Intermediate between the Î± and Î³ Forms. Macromolecules, 2002, 35, 9057-9068.	2.2	144
6	Stereocomplexed Poly(Limonene Carbonate): A Unique Example of the Cocrystallization of Amorphous Enantiomeric Polymers. Angewandte Chemie - International Edition, 2015, 54, 1215-1218.	7.2	138
7	Structural changes induced by thermal treatments on emptied and filled clathrates of syndiotactic polystyrene. Macromolecular Chemistry and Physics, 1995, 196, 2795-2808.	1.1	132
8	Crystallization Behavior of Isotactic Propyleneâ^'Ethylene and Propyleneâ^'Butene Copolymers:â€‰ Effect of ComonomersversusStereodefects on Crystallization Properties of Isotactic Polypropylene. Macromolecules, 2007, 40, 6600-6616.	2.2	129
9	Disordered Polymorphic Modifications of Form I of Syndiotactic Polypropylene. Macromolecules, 1997, 30, 4137-4146.	2.2	115
10	Structuralâ^'Mechanical Phase Diagram of Isotactic Polypropylene. Journal of the American Chemical Society, 2006, 128, 11024-11025.	6.6	110
11	Structural Organization of Poly(vinyl alcohol) Hydrogels Obtained by Freezing and Thawing Techniques:Â A SANS Study. Chemistry of Materials, 2005, 17, 1183-1189.	3.2	107
12	Crystallization Properties and Polymorphic Behavior of Isotactic Poly(1-Butene) from Metallocene Catalysts: The Crystallization of Form I from the Melt. Macromolecules, 2009, 42, 8286-8297.	2.2	107
13	Comparison between Polymorphic Behaviors of Zieglerâ^'Natta and Metallocene-Made Isotactic Polypropylene:Â The Role of the Distribution of Defects in the Polymer Chains. Macromolecules, 2004, 37, 1441-1454.	2.2	99
14	Crystallization of the Î± and Î³ Forms of Isotactic Polypropylene as a Tool To Test the Degree of Segregation of Defects in the Polymer Chains. Macromolecules, 2002, 35, 3622-3629.	2.2	95
15	Crystal Structure of Form I of Syndiotactic Polypropylene. Macromolecules, 1996, 29, 7452-7459.	2.2	92
16	Mesomorphic Form of Syndiotactic Polypropylene. Macromolecules, 2000, 33, 6200-6204.	2.2	92
17	Chirality Constraints in Crystalâ^'Crystal Transformations:Â Isotactic Poly(1-butene) versus Syndiotactic Polypropylene. Macromolecules, 1998, 31, 9253-9257.	2.2	89
18	On the Form II of Syndiotactic Polypropylene. Macromolecules, 1998, 31, 7430-7435.	2.2	88

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19	Short Time Dynamics of Solvent Molecules and Supramolecular Organization of Poly (vinyl alcohol) Hydrogels Obtained by Freeze/Thaw Techniques. Macromolecules, 2005, 38, 6629-6639.	2.2	88
20	Crystal Structure of Isotactic Propyleneâ^'Hexene Copolymers:Â The Trigonal Form of Isotactic Polypropylene. Macromolecules, 2006, 39, 6098-6109.	2.2	87
21	Crystallization Behavior and Mechanical Properties of Regiodefective, Highly Stereoregular Isotactic Polypropylene:Â Effect of Regiodefects versus Stereodefects and Influence of the Molecular Mass. Macromolecules, 2005, 38, 9143-9154.	2.2	80
22	Origin of the Elastic Behavior of Syndiotactic Polypropylene. Macromolecules, 2001, 34, 4485-4491.	2.2	78
23	Mesomorphic Form(Î²) of Nylon 6. Macromolecules, 1997, 30, 7554-7559.	2.2	77
24	Crystallization Behavior of Propyleneâ^'Butene Copolymers: The Trigonal Form of Isotactic Polypropylene and Form I of Isotactic Poly(1-butene). Macromolecules, 2011, 44, 540-549.	2.2	76
25	Stretching Isotactic Polypropylene:Â From â€œcross-Î²â€•to Crosshatches, from Î³ Form to Î± Form. Macromolecules, 2006, 39, 7635-7647.	2.2	75
26	Crystal Structure of the Trigonal Form of Isotactic Polypropylene as an Example of Density-Driven Polymer Structure. Journal of the American Chemical Society, 2006, 128, 80-81.	6.6	75
27	From stiff plastic to elastic polypropylene: Polymorphic transformations during plastic deformation of metallocene-made isotactic polypropylene. Polymer, 2005, 46, 9461-9475.	1.8	73
28	The Oriented Î³ Form of Isotactic Polypropylene. Macromolecules, 2001, 34, 4815-4826.	2.2	72
29	Polymorphic Behavior and Mechanical Properties of Isotactic 1-Buteneâ€“Ethylene Copolymers from Metallocene Catalysts. Macromolecules, 2014, 47, 4317-4329.	2.2	72
30	Solid Mesophases in Semicrystalline Polymers: Structural Analysis by DiffractionTechniques. Advances in Polymer Science, 2005, , 1-74.	0.4	68
31	New Concepts in Thermoplastic Elastomers:Â The Case of Syndiotactic Polypropylene, an Unconventional Elastomer with High Crystallinity and Large Modulus. Journal of the American Chemical Society, 2003, 125, 13143-13147.	6.6	64
32	Structure and Properties of Elastomeric Polypropylene fromC2andC2v-Symmetric Zirconocenes. The Origin of Crystallinity and Elastic Properties in Poorly Isotactic Polypropylene. Macromolecules, 2004, 37, 6843-6855.	2.2	64
33	Toward hyperuniform disordered plasmonic nanostructures for reproducible surface-enhanced Raman spectroscopy. Physical Chemistry Chemical Physics, 2015, 17, 8061-8069.	1.3	60
34	Crystallization from the melt of Î± and Î² forms of syndiotactic polystyrene. Polymer, 2003, 44, 1861-1870.	1.8	56
35	Crystals and Crystallinity in Polymeric Materials. Accounts of Chemical Research, 2006, 39, 314-323.	7.6	56
36	Structure of Isotactic Propyleneâ^'Pentene Copolymers. Macromolecules, 2007, 40, 8531-8532.	2.2	56

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37	Structural Disorder in the Î± Form of Isotactic Polypropylene. Macromolecules, 2000, 33, 8764-8774.	2.2	55
38	Mechanical Properties and Stress-Induced Phase Transformations of Metallocene Isotactic Poly(1-butene): The Influence of Stereodefects. Macromolecules, 2014, 47, 1053-1064.	2.2	55
39	Equilibrium Melting Temperature of Syndiotactic Polypropylene. Macromolecules, 1998, 31, 6206-6210.	2.2	53
40	Enabling Strategies in Organic Electronics Using Ordered Block Copolymer Nanostructures. Advanced Materials, 2010, 22, 5414-5419.	11.1	53
41	Morphology and Mechanical Properties of the Mesomorphic Form of Isotactic Polypropylene in Stereodefective Polypropylene. Macromolecules, 2013, 46, 5202-5214.	2.2	53
42	Phase transition from a C-centered to a B-centered orthorhombic crystalline form of syndiotactic poly(propylene). Macromolecular Chemistry and Physics, 1995, 196, 4011-4024.	1.1	50
43	A Microscopic Insight into the Deformation Behavior of Semicrystalline Polymers: The Role of Phase Transitions. Physical Review Letters, 2006, 96, 167801.	2.9	50
44	Two Nanoporous Crystalline Forms of Poly(2,6-dimethyl-1,4-phenylene)oxide and Related Co-Crystalline Forms. Macromolecules, 2019, 52, 9646-9656.	2.2	50
45	Crystallization of Alternating Limonene Oxide/Carbon Dioxide Copolymers: Determination of the Crystal Structure of Stereocomplex Poly(limonene carbonate). Macromolecules, 2015, 48, 2534-2550.	2.2	49
46	Synthesis and Characterization of High-Molecular-Weight Syndiotactic Amorphous Polypropylene. Journal of the American Chemical Society, 2003, 125, 10913-10920.	6.6	48
47	Metalloorganic Polymerization Catalysis as a Tool To Probe Crystallization Properties of Polymers: The Case of Isotactic Poly(1â€butene). Angewandte Chemie - International Edition, 2009, 48, 9871-9874.	7.2	48
48	Structure and Properties of Poly(vinyl alcohol) Hydrogels Obtained by Freeze/Thaw Techniques. Macromolecular Symposia, 2005, 222, 49-64.	0.4	47
49	Influence of Chain Microstructure on the Crystallization Kinetics of Metallocene-Made Isotactic Polypropylene. Macromolecules, 2005, 38, 10080-10088.	2.2	46
50	Stereoblock Polypropylene from a Metallocene Catalyst with a Hapto-Flexible Naphthylâ€'Indenyl Ligand. Macromolecules, 2003, 36, 3465-3474.	2.2	45
51	Structural Characterization of Syndiotactic Copolymers of Propene with 1-Butene. Macromolecules, 1998, 31, 9109-9115.	2.2	44
52	Stress-Induced Polymorphic Transformations and Mechanical Properties of Isotactic Propylene-Hexene Copolymers. Crystal Growth and Design, 2009, 9, 165-176.	1.4	44
53	On the form IV of syndiotactic polypropylene. Journal of Polymer Science, Part B: Polymer Physics, 1998, 36, 395-402.	2.4	42
54	Time-Resolved Study of the Martensitic Phase Transition in Syndiotactic Polypropylene. Macromolecules, 2003, 36, 9396-9410.	2.2	41

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55	Slow Crystallization Kinetics of Poly(vinyl alcohol) in Confined Environment during Cryotropic Gelation of Aqueous Solutions. Macromolecules, 2006, 39, 9429-9434.	2.2	40
56	Polymorphism of syndiotactic polypropylene in copolymers of propylene with ethylene and 1-butene. Polymer, 1998, 39, 6219-6226.	1.8	37
57	Crystal Structure of the Trigonal Form of Isotactic Propyleneâ€“Pentene Copolymers: An Example of the Principle of Entropyâ€“Density Driven Phase Formation in Polymers. Macromolecules, 2012, 45, 2749-2763.	2.2	37
58	Crystallization of the mesomorphic form and control of the molecular structure for tailoring the mechanical properties of isotactic polypropylene. Journal of Polymer Science, Part B: Polymer Physics, 2014, 52, 677-699.	2.4	37
59	Polymorphic Superelasticity in Semicrystalline Polymers. Angewandte Chemie - International Edition, 2007, 46, 4325-4328.	7.2	36
60	Mesomorphic form of isotactic polypropylene in stereodefective polypropylene: Solid mesophase or liquid-crystal like structure. Polymer, 2012, 53, 2422-2428.	1.8	36
61	Polymorphism in polymers: A tool to tailor material's properties. Polymer Crystallization, 2020, 3, e10101.	0.5	36
62	Influence of the stereoregularity on the crystallization of the trans planar mesomorphic form of syndiotactic polypropylene. Polymer, 2001, 42, 9729-9734.	1.8	35
63	Single site metallorganic polymerization catalysis as a method to probe the properties of polyolefins. Polymer Chemistry, 2011, 2, 2155.	1.9	34
64	Kink Bands in Form II of Syndiotactic Polypropylene. Macromolecules, 1997, 30, 6586-6591.	2.2	33
65	Epitaxially Dominated Crystalline Morphologies of the Î³-Phase in Isotactic Polypropylene. Macromolecules, 2009, 42, 4758-4768.	2.2	33
66	Deformation of Stereoirregular Isotactic Polypropylene across Length Scales. Influence of Temperature. Macromolecules, 2017, 50, 2856-2870.	2.2	33
67	Synthesis and Ring-Opening Metathesis Polymerization of Norbornene-Terminated Syndiotactic Polypropylene. Macromolecules, 2012, 45, 7863-7877.	2.2	32
68	A New Mesophase of Isotactic Polypropylene in Copolymers of Propylene with Long Branched Comonomers. Macromolecules, 2010, 43, 8559-8569.	2.2	31
69	Crystallization Behavior of Copolymers of Isotactic Poly(1-butene) with Ethylene from Zieglerâ€“Natta Catalyst: Evidence of the Blocky Molecular Structure. Macromolecules, 2019, 52, 9114-9127.	2.2	31
70	Mechanical Properties and Elastic Behavior of High-Molecular-Weight Poorly Syndiotactic Polypropylene. Macromolecules, 2003, 36, 7607-7617.	2.2	30
71	Structure and Physical Properties of Syndiotactic Polypropylene from Living Polymerization with Bis(phenoxyimine)-Based Titanium Catalysts. Macromolecules, 2004, 37, 9034-9047.	2.2	30
72	Unveiling the molecular structure of ethylene/1-octene multi-block copolymers from chain shuttling technology. Polymer, 2018, 154, 298-304.	1.8	29

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73	Oriented Microstructures of Crystallineâ€“Crystalline Block Copolymers Induced by Epitaxy and Competitive and Confined Crystallization. Macromolecules, 2016, 49, 5576-5586.	2.2	28
74	The â€œNodularâ€•Î± Form of Isotactic Polypropylene: Stiff and Strong Polypropylene with High Deformability. Macromolecules, 2017, 50, 5434-5446.	2.2	28
75	Crystallization behavior and mechanical properties of copolymers of isotactic poly(1-butene) with 1-octene from metallocene catalysts. Polymer, 2015, 73, 156-169.	1.8	27
76	Crystallization and mechanical properties of metallocene made 1-butene-pentene and 1-butene-hexene isotactic copolymers. Polymer, 2018, 158, 231-242.	1.8	27
77	Influence of the quenching temperature on the crystallization of the trans-planar mesomorphic form of syndiotactic polypropylene. Polymer, 2003, 44, 6267-6272.	1.8	26
78	The Deformability of Polymers: The Role of Disordered Mesomorphic Crystals and Stressâ€Induced Phase Transformations. Angewandte Chemie - International Edition, 2012, 51, 1207-1211.	7.2	26
79	Relations between Stereoregularity and Melt Viscoelasticity of Syndiotactic Polypropylene. Macromolecules, 2013, 46, 7940-7946.	2.2	26
80	The Role of Crystals in the Elasticity of Semicrystalline Thermoplastic Elastomers.. Chemistry of Materials, 2006, 18, 3523-3530.	3.2	25
81	Time-Resolving Analysis of Cryotropic Gelation of Water/Poly(vinyl alcohol) Solutions via Small-Angle Neutron Scattering. Journal of Physical Chemistry B, 2008, 112, 816-823.	1.2	25
82	Mechanical Properties and Morphology of Propeneâ€“Pentene Isotactic Copolymers. Macromolecules, 2018, 51, 3030-3040.	2.2	25
83	Crystallization properties of elastomeric polypropylene from alumina-supported tetraalkyl zirconium catalysts. Polymer, 2004, 45, 5875-5888.	1.8	24
84	Structure and Polymorphic Behavior of High Molecular Weight Poorly Syndiotactic Polypropylene. Macromolecules, 2004, 37, 1422-1430.	2.2	24
85	The blocky structure of Zieglerâ€“Natta â€œrandomâ€•copolymers: myths and experimental evidence. Polymer Chemistry, 2020, 11, 34-38.	1.9	24
86	Propyleneâ€“Butene Copolymers: Tailoring Mechanical Properties from Isotactic Polypropylene to Polybutene. Macromolecules, 2020, 53, 4407-4421.	2.2	24
87	Solid state 13C NMR analysis of syndiotactic copolymers of propene with 1-butene. Polymer, 2000, 41, 2141-2148.	1.8	23
88	Crystalline Ethyleneâ^'Norbornene Copolymers:Â Plastic Crystals from Macromolecules. Macromolecules, 2003, 36, 3789-3792.	2.2	23
89	Structure and Mechanical Properties of Ethylene/1-Octene Multiblock Copolymers from Chain Shuttling Technology. Macromolecules, 2019, 52, 2669-2680.	2.2	23
90	Structure of Copolymers of Syndiotactic Polypropylene with Ethylene. Macromolecules, 2003, 36, 1850-1864.	2.2	22

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91	From Entropic to Enthalpic Elasticity: Novel Thermoplastic Elastomers from Syndiotactic Propylene-Ethylene Copolymers. Advanced Materials, 2005, 17, 1503-1507.	11.1	22
92	Polymorphic Transitions Induced by Annealing in Stretched Fibers of Syndiotactic Polypropylene. Macromolecules, 2005, 38, 4791-4798.	2.2	22
93	Mechanical Properties of Syndiotactic Propyleneâ^'Ethylene Copolymers. Macromolecules, 2006, 39, 249-256.	2.2	22
94	Stability and phase transformations of the mesomorphic form of isotactic polypropylene in stereodefective polypropylene. European Polymer Journal, 2013, 49, 3590-3600.	2.6	22
95	Effects of water sorption on poly(lactic acid). Polymer, 2016, 99, 130-139.	1.8	22
96	Nano-in-Nano Approach for Enzyme Immobilization Based on Block Copolymers. ACS Applied Materials & Interfaces, 2017, 9, 29318-29327.	4.0	22
97	Crystal structures and polymorphism of polymers: Influence of defects and disorder. Polymer Crystallization, 2018, 1, e10015.	0.5	22
98	Mechanical Properties of Helical and Mesomorphic Forms of Syndiotactic Polypropylene at Different Temperatures. Macromolecules, 2004, 37, 7724-7735.	2.2	21
99	Structural Transitions of the Trans-Planar Mesomorphic Form and Crystalline Form III of Syndiotactic Polypropylene in Stretched and Stress-Relaxed Fibers:â€‰ A Memory Effect. Macromolecules, 2004, 37, 1816-1824.	2.2	21
100	Formation of (MgCl₂)_x Polynuclear Species During Preparation of Active MgCl₂ Supported Zieglerâ€“Natta Catalysts from Solid Solvates with Lewis Bases. Chemistry of Materials, 2007, 19, 5803-5805.	3.2	21
101	Reactive blending as a tool for obtaining poly(ethylene terephthalate)-based engineering materials with tailored properties. Polymer, 2010, 51, 4340-4350.	1.8	21
102	Tailoring Mechanical Properties of Isotactic Polypropylene Via Crystallization of the Mesophase and Control of Stereodefects Concentration. Macromolecular Chemistry and Physics, 2013, 214, 1951-1964.	1.1	21
103	Controlling Size and Orientation of Lamellar Microdomains in Crystalline Block Copolymers. ACS Applied Materials & Interfaces, 2017, 9, 31252-31259.	4.0	21
104	Yield behavior of random copolymers of isotactic polypropylene. Polymer, 2017, 129, 235-246.	1.8	21
105	Relationships among lamellar morphology parameters, structure and thermal behavior of isotactic propene-pentene copolymers: The role of incorporation of comonomeric units in the crystals. European Polymer Journal, 2018, 103, 251-259.	2.6	21
106	Time-Resolving Study of Stress-Induced Transformations of Isotactic Polypropylene through Wide Angle X-ray Scattering Measurements. Polymers, 2018, 10, 162.	2.0	21
107	The Role of Shape and Size of Guest Molecules in the Formation of Clathrates and Intercalates of Syndiotactic Polystyrene. Macromolecular Chemistry and Physics, 2013, 214, 1901-1911.	1.1	20
108	Polyolefins based crystalline block copolymers: Ordered nanostructures from control of crystallization. Polymer, 2020, 196, 122423.	1.8	20

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109	Structural Analysis of Copolymers of Syndiotactic Polypropylene with13C-Enriched Ethylene. Macromolecules, 2002, 35, 1314-1318.	2.2	19
110	A Study of the Microstructural and Diffusion Properties of Poly(vinyl alcohol) Cryogels Containing Surfactant Supramolecular Aggregates. Journal of Physical Chemistry B, 2006, 110, 23031-23040.	1.2	19
111	Molecular View of Properties of Random Copolymers of Isotactic Polypropylene. Advances in Polymer Science, 2016, , 45-92.	0.4	19
112	Mesophase Tuning in Discotic Dimers Ï€-Conjugated Ionic Liquid Crystals through Supramolecular Interactions and the Thermal History. Crystal Growth and Design, 2016, 16, 5646-5656.	1.4	19
113	Rheology and morphology of Pluronic F68 in water. Physics of Fluids, 2021, 33, .	1.6	19
114	Kinetic Analysis of Cryotropic Gelation of Poly(Vinyl Alcohol)/Water Solutions by Small-Angle Neutron Scattering. Advances in Polymer Science, 2014, , 159-197.	0.4	18
115	Tailoring the properties of polypropylene in the polymerization reactor using polymeric nucleating agents as prepolymers on the Zieglerâ€“Natta catalyst granule. Polymer Chemistry, 2017, 8, 655-660.	1.9	18
116	Structural Investigation at Nanometric Length Scale of Ethylene/1-Octene Multiblock Copolymers from Chain-Shuttling Technology. Macromolecules, 2018, 51, 9613-9625.	2.2	18
117	Disordered Chain Conformations of Poly(tetrafluoroethylene) in the High-Temperature Crystalline Form I. Macromolecules, 2004, 37, 9473-9480.	2.2	17
118	Stem Tilt in Î±-Form Single Crystals of Isotactic Polypropylene: A Manifestation of Conformational Constraints Set by Stereochemistry and Minimized Fold Encumbrance. Macromolecules, 2011, 44, 3916-3923.	2.2	17
119	Tailoring the Mechanical Properties of Isotactic Polypropylene by Blending Samples with Different Stereoregularity. Macromolecules, 2011, 44, 6026-6038.	2.2	17
120	Structureâ€“property relationships in polyethylene based films obtained by blow molding as model system of industrial relevance. European Polymer Journal, 2015, 62, 97-107.	2.6	17
121	In-Depth Analysis of the Nonuniform Chain Microstructure of Multiblock Copolymers from Chain-Shuttling Polymerization. Macromolecules, 2021, 54, 10891-10902.	2.2	17
122	Crystal Structure of Alternating Ethyleneâ^'Norbornene Copolymer. Macromolecules, 2004, 37, 9489-9502.	2.2	16
123	Phase Diagram of Syndiotactic Polypropylene:â€‰ Influence of Stereoregularity and Temperature on the Polymorphic Behavior. Macromolecules, 2007, 40, 611-622.	2.2	16
124	Stereoblock Polypropylene as a Prototype Example of Elasticity via a Flip-Flop Reorientation of Crystals in a Compliant Matrix. Advanced Materials, 2007, 19, 871-874.	11.1	16
125	Morphology of Isotactic Polypropyleneâ€“Polyethylene Block Copolymers Driven by Controlled Crystallization. Macromolecules, 2020, 53, 10234-10244.	2.2	16
126	Mesoscopic and Microscopic Investigation on Poly(vinyl alcohol) Hydrogels in the Presence of Sodium Decylsulfate. Journal of Physical Chemistry B, 2007, 111, 2166-2173.	1.2	15

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127	Theoretical investigation of (MgCl2)xpolynuclear species formed during preparation of MgCl2-supported Zieglerâ€“Natta catalysts from solid solvates. Journal of Applied Crystallography, 2008, 41, 68-82.	1.9	15
128	Structural and morphological aspects of some polymorphs of syndiotactic poly(p-methylstyrene). Polymer, 2000, 41, 3745-3749.	1.8	14
129	Crystal Structure of Alternating Isotactic Ethyleneâ^'Cyclopentene Copolymer. Macromolecules, 2005, 38, 7416-7429.	2.2	14
130	Mechanical Properties and Elastic Behavior of Syndiotactic Propeneâ^'Butene Copolymers. Macromolecules, 2009, 42, 4728-4738.	2.2	14
131	Structure and Morphology of Syndiotactic Poly(propene-co-1-butene)s with 1-Butene as a Rich Component. Macromolecules, 2010, 43, 1449-1454.	2.2	14
132	Structural features of the mesomorphic form of syndiotactic poly(p-methylstyrene). Polymer, 1998, 39, 3523-3528.	1.8	13
133	Selective gold deposition on a nanostructured block copolymer film crystallized by epitaxy. Nano Research, 2011, 4, 241-248.	5.8	13
134	Alternating Isotactic Ethyleneâ^'Cyclopentene Copolymer:Â A Crystalline Engineering Plastomer Including High Amounts of Structural Disorder. Journal of the American Chemical Society, 2005, 127, 2850-2851.	6.6	12
135	Ethyleneâ€“coâ€“norbornene copolymerization in the presence of a chain transfer agent. European Polymer Journal, 2018, 107, 54-66.	2.6	12
136	Ethylene-co-norbornene Copolymerization Using a Dual Catalyst System in the Presence of a Chain Transfer Agent. Polymers, 2019, 11, 554.	2.0	12
137	Transmission electron microscopy analysis of multiblock ethylene/1-octene copolymers. Polymer, 2020, 193, 122347.	1.8	12
138	Conformational analysis of highly extended poly(ethylene terephthalate) chains by Monte Carlo calculations. Macromolecular Theory and Simulations, 1995, 4, 165-176.	0.6	11
139	A New Crystalline Form of Syndiotactic Poly(1-butene): Crystal Structure of Form Iâ€². Macromolecules, 2008, 41, 5301-5306.	2.2	11
140	Relationship Between Molecular Configuration and Stress-Induced Phase Transitions. , 2016, , 287-327.		11
141	Lipase immobilization for catalytic applications obtained using fumed silica deposited with MAPLE technique. Applied Surface Science, 2016, 374, 346-352.	3.1	11
142	Perfectly Alternating Ethylene/2-Butene Copolymers by Hydrogenation of Highly Stereoregular 1,4-Poly(1,3-diene)s: Synthesis and Characterization. Macromolecules, 2017, 50, 754-761.	2.2	11
143	A hypothesis on different technological solutions for outdoor and indoor Roman wall paintings. Archaeological and Anthropological Sciences, 2017, 9, 591-602.	0.7	11
144	Extending the High-Throughput Experimentation (HTE) Approach to Catalytic Olefin Polymerizations: From Catalysts to Materials. Macromolecules, 2022, 55, 5017-5026.	2.2	11

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145	Effect of stretching on the crystallization of un-crosslinked ethylene/propylene(/diene) random copolymers. Polymer, 2020, 199, 122540.	1.8	10
146	Comparison between Polymorphic Behaviors of Ziegler-Natta and Metallocene-Made Isotactic Polypropylene: The Role of the Chain Microstructure. Macromolecular Symposia, 2001, 169, 113-124.	0.4	9
147	Theoretical Investigation of Nano-Scale Organization in Blends of Semicrystalline/Semicrystalline Polymers by Small Angle X-ray Scattering. Macromolecules, 2010, 43, 9787-9801.	2.2	9
148	Small Angle X-ray Scattering Investigation of Norbornene-Terminated Syndiotactic Polypropylene and Corresponding Comb-Like Poly(macromonomer). Journal of Physical Chemistry B, 2013, 117, 10320-10333.	1.2	9
149	Mechanical Properties of Isotactic 1,2-Poly(E-3-methyl-1,3-pentadiene): An Example of Rubbery Elasticity below Glass Transition Temperature. Macromolecules, 2018, 51, 488-496.	2.2	9
150	Crystallization behavior, morphology and crystal transformation of blends of isotactic Poly(1-Butene) with propene-hexene copolymer. Polymer, 2019, 183, 121826.	1.8	9
151	Thermal Fractionation of Ethylene/1-Octene Multiblock Copolymers from Chain Shuttling Polymerization. Macromolecules, 2022, 55, 5656-5668.	2.2	9
152	Non-Helical Chain Conformations of Isotactic Polymers in the Crystalline State. Macromolecular Chemistry and Physics, 2004, 205, 390-396.	1.1	8
153	Structure of syndiotactic propyleneâ€“ethylene copolymers: Effect of the presence of ethylene units on the structural transitions during plastic deformation and annealing of syndiotactic polypropylene. Polymer, 2006, 47, 2179-2188.	1.8	8
154	Thermoplastic elastomers from binary blends of syndiotactic polypropylenes with different stereoregularity. Polymer, 2016, 85, 114-124.	1.8	8
155	Confinement of Semiconductor ZnO Nanoparticles in Block Copolymer Nanostructure. Journal of Physical Chemistry C, 2017, 121, 16617-16628.	1.5	8
156	Isotactic and Syndiotactic Alternating Ethylene/Propylene Copolymers Obtained Through Non-Catalytic Hydrogenation of Highly Stereoregular cis-1,4 Poly(1,3-diene)s. Molecules, 2017, 22, 755.	1.7	8
157	Helical Mesophase of Syndiotactic Polypropylene in Copolymers with 1-Hexene and 1-Octene. Macromolecules, 2010, 43, 9802-9809.	2.2	7
158	Crystal Structure of Isotactic Poly((R,S)-3-methyl-1-pentene). Macromolecules, 2015, 48, 5251-5266.	2.2	7
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