

# Maria L Cerrada

## List of Publications by Year in descending order

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176  
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177  
docs citations

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times ranked

3112  
citing authors

#	ARTICLE	IF	CITATIONS
1	Unique stiffness-deformability features of dendrimeric silica reinforced HDPE nanocomposites obtained by an innovative route. <i>Microporous and Mesoporous Materials</i> , 2022, 331, 111619.	4.4	3
2	Composites of a PLA with SBA-15 mesoporous silica: Polymorphism and properties after isothermal cold crystallization. <i>Polymer</i> , 2022, 241, 124515.	3.8	11
3	Influence of Content in D Isomer and Incorporation of SBA-15 Silica on the Crystallization Ability and Mechanical Properties in PLLA Based Materials. <i>Polymers</i> , 2022, 14, 1237.	4.5	9
4	Nanocomposites of PCL and SBA-15 Particles Prepared by Extrusion: Structural Characteristics, Confinement of PCL Chains within SBA-15 Nanometric Channels and Mechanical Behavior. <i>Polymers</i> , 2022, 14, 129.	4.5	6
5	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> , 2022, 6, 161.	3.0	3
6	Microstructural details and polymorphs in poly(propylene- <i>co</i> -nonene) copolymers synthesized at different polymerization temperatures. <i>Polymer Crystallization</i> , 2021, 4, .	0.8	3
7	An Effective Package of Antioxidants for Avoiding Premature Failure in Polypropylene Random Copolymer Plastic Pipes under Hydrostatic Pressure and High Temperature. <i>Polymers</i> , 2021, 13, 2825.	4.5	5
8	Composites of a Polypropylene Random Copolymer and Date Stone Flour: Crystalline Details and Mechanical Response. <i>Polymers</i> , 2021, 13, 2957.	4.5	2
9	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> , 2021, 5, 321.	3.0	5
10	Variation of Ultimate Properties in Extruded iPP-Mesoporous Silica Nanocomposites by Effect of iPP Confinement within the Mesostructures. <i>Polymers</i> , 2020, 12, 70.	4.5	12
11	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> , 2020, 294, 109945.	4.4	6
12	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> , 2020, 12, 2743.	4.5	14
13	Characteristics of the Non-Isothermal and Isothermal Crystallization for the $\beta^2$ Polymorph in PVDF by Fast Scanning Calorimetry. <i>Polymers</i> , 2020, 12, 2708.	4.5	7
14	Synchrotron and Raman Study of the Rotator Phases and Polymorphism in Tricosane Paraffin. <i>Polymers</i> , 2020, 12, 1341.	4.5	2
15	Identification of Additives in Polypropylene and Their Degradation under Solar Exposure Studied by Gas Chromatography-Mass Spectrometry. <i>ACS Omega</i> , 2020, 5, 9055-9063.	3.5	19
16	Chain Features and Their Influence on the Thermal Stability of Poly(propylene- <i>co</i> -nonene) Copolymers. <i>Macromolecular Chemistry and Physics</i> , 2019, 220, 1900175.	2.2	0
17	Effect of thermo-oxidation on loss of plasticizers, on crystalline features and on properties in a metallocene isotactic polypropylene. <i>Polymer</i> , 2019, 181, 121749.	3.8	5
18	Prodegradant Additives Effect onto Comercial Polyolefins. <i>Journal of Polymers and the Environment</i> , 2019, 27, 464-471.	5.0	14

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19	A New Insight into the Comonomer Effect through NMR Analysis in Metallocene Catalysed Propene- <i>i</i> -1-Nonene Copolymers. <i>Polymers</i> , 2019, 11, 1266.	4.5	10
20	Effect of thermal treatment on the mechanical and viscoelastic response of polypropylenes incorporating a $\beta$ nucleating agent. <i>Journal of Elastomers and Plastics</i> , 2019, 51, 562-579.	1.5	6
21	Crystalline Characteristics and Their Influence in the Mechanical Performance in Poly( $\mu$ -Caprolactone) / High Density Polyethylene Blends. <i>Polymers</i> , 2019, 11, 1874.	4.5	16
22	Confinement of iPP chains in the interior of SBA-15 mesostructure ascertained by gas transport properties in iPP-SBA-15 nanocomposites prepared by extrusion. <i>Journal of Membrane Science</i> , 2019, 569, 137-148.	8.2	10
23	Extraordinary mechanical performance in disentangled UHMWPE films processed by compression molding. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019, 90, 202-207.	3.1	11
24	Rheological analysis of irradiated crosslinkable and scissionable polymers used for medical devices under different radiation conditions. <i>Radiation Physics and Chemistry</i> , 2018, 144, 298-303.	2.8	6
25	Poly(propylene-co-1-pentene-co-1-heptene) terpolymers: Mechanical and rheological behavior. <i>Polymer</i> , 2018, 156, 44-53.	3.8	2
26	Electromagnetic interference shielding response and rheological behavior of lightweight nanocomposites based on isotactic polypropylene and Al nanoparticles. <i>Polymer Testing</i> , 2018, 72, 263-270.	4.8	7
27	Confinement of iPP crystallites within mesoporous SBA-15 channels in extruded iPP-SBA-15 nanocomposites studied by Small Angle X-ray scattering. <i>Microporous and Mesoporous Materials</i> , 2018, 272, 209-216.	4.4	18
28	Hybrid materials obtained by in situ polymerization based on polypropylene and mesoporous SBA-15 silica particles: Catalytic aspects, crystalline details and mechanical behavior. <i>Polymer</i> , 2018, 151, 218-230.	3.8	19
29	Effect of mesoporous SBA-15 silica on the thermal stability of isotactic polypropylene based nanocomposites prepared by melt extrusion. <i>Polymer Degradation and Stability</i> , 2018, 154, 211-221.	5.8	8
30	NMR study of the comonomer effect in metallocene poly(propylene- <i>i</i> -1-pentene) copolymers synthesized at low temperature. <i>Journal of Polymer Science Part A</i> , 2017, 55, 843-854.	2.3	9
31	Unprecedented dependence of stiffness parameters and crystallinity on comonomer content in rapidly cooled propylene-co-1-pentene copolymers. <i>Polymer</i> , 2017, 130, 17-25.	3.8	15
32	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> , 2017, 97, 366-377.	5.4	1
33	UHMWPE/HDPE in-reactor blends, prepared by in situ polymerization: Synthetic aspects and characterization. <i>EXPRESS Polymer Letters</i> , 2017, 11, 344-361.	2.1	15
34	Mesophase Formation in Isotactic Polypropylene Copolymers. , 2016, , 537-559.		0
35	Mesophase features in isotactic poly(propylene- <i>i</i> -1-heptene) copolymers. <i>Polymer International</i> , 2016, 65, 596-604.	3.1	6
36	The role of mesophases in the ordering of polymers. <i>European Polymer Journal</i> , 2016, 81, 661-673.	5.4	6

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37	Recycled Polyolefin Blends: Effect of Modified Natural Zeolite on their Properties and Morphology. <i>Polymer-Plastics Technology and Engineering</i> , 2016, 55, 486-497.	1.9	11
38	Trigonal $\hat{I}$ form as a tool for tuning mechanical behavior in poly(propylene-co-1-pentene-co-1-heptene) terpolymers. <i>Polymer</i> , 2016, 99, 112-121.	3.8	20
39	Dependence of phase transitions on composition in isotactic poly(propylene-co-1-pentene-co-1-hexene) terpolymers. <i>RSC Advances</i> , 2016, 6, 82907-82915.	3.6	4
40	Water-induced structural changes in poly(lactic acid) and PLLA-clay nanocomposites. <i>Polymer</i> , 2016, 107, 211-222.	3.8	37
41	Hafnocene catalyst for polyethylene and its nanocomposites with SBA-15 by in situ polymerization: Immobilization approaches, catalytic behavior and properties evaluation. <i>European Polymer Journal</i> , 2016, 85, 298-312.	5.4	7
42	Hybrid materials based on polyethylene and MCM-41 microparticles functionalized with silanes: Catalytic aspects of in situ polymerization, crystalline features and mechanical properties. <i>Microporous and Mesoporous Materials</i> , 2016, 232, 86-96.	4.4	26
43	The exceptional magnetic inequivalence in helical form I of poly-1-pentene. <i>Polymer</i> , 2016, 92, 164-169.	3.8	0
44	UHMWPE/SBA-15 nanocomposites synthesized by in situ polymerization. <i>Microporous and Mesoporous Materials</i> , 2016, 232, 13-25.	4.4	21
45	Microstructure and thermal stability in metallocene iPP-materials: 1-pentene and 1-hexene copolymers. <i>Polymer Degradation and Stability</i> , 2016, 124, 77-86.	5.8	6
46	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> , 2016, 120, 1347-1356.	2.6	2
47	Characterization of Phase Structures of Novel Metallo- $\epsilon$ -Polyurethanes. <i>Macromolecular Chemistry and Physics</i> , 2015, 216, 2048-2060.	2.2	16
48	Fourier Transform Infrared Spectroscopy study of polymorphism in propylene-co-1-pentene copolymers: Trigonal form identification. <i>European Polymer Journal</i> , 2015, 63, 227-236.	5.4	7
49	Synthesis, molecular characterization, evaluation of polymorphic behavior and indentation response in isotactic poly(propylene-co-1-heptene) copolymers. <i>European Polymer Journal</i> , 2015, 64, 52-61.	5.4	15
50	Fast scanning calorimetry study of the structural relaxation in a random propylene-co-1-octene copolymer. <i>Thermochimica Acta</i> , 2015, 603, 116-122.	2.7	9
51	Effect of copper nanoparticles incorporation on the polar beta-phase development in polyvinylidene fluoride. <i>Materials Chemistry and Physics</i> , 2015, 162, 794-800.	4.0	4
52	Visible and ultraviolet antibacterial behavior in PVDF- $\epsilon$ -TiO <sub>2</sub> nanocomposite films. <i>European Polymer Journal</i> , 2015, 71, 412-422.	5.4	19
53	Chemical modification of block copolymers based on 2-hydroxyethyl acrylate to obtain amphiphilic glycopolymers. <i>European Polymer Journal</i> , 2015, 62, 167-178.	5.4	11
54	Thermo and photo-oxidation of functionalized metallocene high density polyethylene: Effect of hydrophilic groups. <i>Polymer Degradation and Stability</i> , 2015, 111, 78-88.	5.8	36

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55	Microstructure of metallocene isotactic propylene- <i>co</i> -1-pentene- <i>co</i> -1-hexene terpolymers. Journal of Polymer Science Part A, 2014, 52, 2537-2547.	2.3	12
56	Lightweight Nanocomposites Based on Polypropylene and Aluminum Nanoparticles and Their Shielding Capability to Ionizing Radiation. IEEE Nanotechnology Magazine, 2014, 13, 502-509.	2.0	7
57	Lightweight nanocomposites based on poly(vinylidene fluoride) and Al nanoparticles: Structural, thermal and mechanical characterization and EMI shielding capability. Materials Chemistry and Physics, 2013, 142, 469-478.	4.0	44
58	Decorated MCM-41/polyethylene hybrids: Crystalline details and viscoelastic behavior. Polymer, 2013, 54, 2611-2620.	3.8	25
59	Polypropylene/graphene nanosheet nanocomposites by in situ polymerization: Synthesis, characterization and fundamental properties. Composites Science and Technology, 2013, 84, 1-7.	7.8	193
60	Role of TiO <sub>2</sub> morphological characteristics in EVOH/TiO <sub>2</sub> nanocomposite films: self-degradation and self-cleaning properties. RSC Advances, 2013, 3, 8541.	3.6	10
61	Isotactic poly(propylene- <i>co</i> -1-pentene- <i>co</i> -1-hexene) terpolymers: Synthesis, molecular characterization, and evidence of the trigonal polymorph. Journal of Polymer Science Part A, 2013, 51, 3251-3259.	2.3	31
62	Functionalization of Mesoporous MCM-41 (Nano)particles: Preparation Methodologies, Role on Catalytic Features, and Dispersion Within Polyethylene Nanocomposites. ChemCatChem, 2013, 5, 966-976.	3.7	14
63	Amphiphilic polymers bearing gluconolactone moieties: Synthesis and long side-chain crystalline behavior. Carbohydrate Polymers, 2013, 94, 755-764.	10.2	10
64	Mesophase Formation in Random Propylene- <i>co</i> -1-octene Copolymers. Macromolecules, 2013, 46, 8557-8568.	4.8	29
65	Biodegradable Polycaprolactone-Titania Nanocomposites: Preparation, Characterization and Antimicrobial Properties. International Journal of Molecular Sciences, 2013, 14, 9249-9266.	4.1	60
66	ELECTROMAGNETIC SHIELDING FEATURES IN LIGHTWEIGHT PVDF-ALUMINUM BASED NANOCOMPOSITES. Progress in Electromagnetics Research B, 2013, 48, 175-196.	1.0	12
67	Conductive Poly(vinylidene fluoride)/Copper Hybrids: Mechanical Response and Percolation Threshold. Science of Advanced Materials, 2013, 5, 233-241.	0.7	4
68	Nanocomposites Based on Isotactic Polypropylene-Copper Nanoparticles as Electromagnetic Shields. Science of Advanced Materials, 2013, 5, 1524-1532.	0.7	9
69	Tailoring the Formation Rate of the Mesophase in Random Propylene- <i>co</i> -1-pentene Copolymers. Macromolecules, 2012, 45, 6481-6490.	4.8	46
70	Gas permeability properties of decorated MCM-41/polyethylene hybrids prepared by in-situ polymerization. Journal of Membrane Science, 2012, 415-416, 702-711.	8.2	42
71	Hybrids based on poly(vinylidene fluoride) and Cu nanoparticles: Characterization and EMI shielding. European Polymer Journal, 2012, 48, 1160-1168.	5.4	38
72	Titanium Dioxide/Polymer Nanocomposites with Advanced Properties. , 2012, , 119-149.		3

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73	Interfacial agent effect on rheological response and crystallite characteristics in germicidal polypropylene/titanium dioxide nanocomposites. <i>Polymer International</i> , 2012, 61, 1655-1665.	3.1	3
74	Glycopolymers obtained by chemical modification of well-defined block copolymers. <i>Journal of Polymer Science Part A</i> , 2012, 50, 2565-2577.	2.3	15
75	Rheological and structural details of biocidal iPP-TiO <sub>2</sub> nanocomposites. <i>European Polymer Journal</i> , 2012, 48, 586-596.	5.4	19
76	Smectic polyester/layered silicate nanostructured hybrids: Effect of modified nanoclay in the phase transitions. <i>Polymer</i> , 2012, 53, 386-394.	3.8	6
77	Rheological behavior of aminosaccharide-based glycopolymers obtained from ethylene-vinyl alcohol copolymers. <i>Polymer Journal</i> , 2011, 43, 205-213.	2.7	4
78	Enhancing the formation of the new trigonal polymorph in isotactic propene-1-pentene copolymers: Determination of the X-ray crystallinity. <i>Macromolecular Research</i> , 2011, 19, 1179-1185.	2.4	41
79	Metallocene ethylene- <i>cis</i> -5,7-dimethylocta-1,6-diene copolymers crosslinked using electron beam irradiation: a tunable alternative. <i>Polymer International</i> , 2011, 60, 1309-1317.	3.1	3
80	Tailoring polymer-TiO <sub>2</sub> film properties by presence of metal (Ag, Cu, Zn) species: Optimization of antimicrobial properties. <i>Applied Catalysis B: Environmental</i> , 2011, 104, 346-352.	20.2	42
81	Tailoring transport properties in blends based on olefinic and liquid crystalline polymers. <i>Journal of Membrane Science</i> , 2011, 377, 141-150.	8.2	3
82	Branching and rheological behavior after electron irradiation in metallocene ethylene-co-norbornene copolymers. <i>Polymer Testing</i> , 2011, 30, 35-42.	4.8	6
83	Development of $\hat{I}^2$ and $\hat{I}^{\pm}$ isotactic polypropylene polymorphs in injection molded structural foams. <i>Chemical Papers</i> , 2010, 64, .	2.2	2
84	Hybrid HDPE/MCM-41 nanocomposites: Crystalline structure and viscoelastic behaviour. <i>Microporous and Mesoporous Materials</i> , 2010, 130, 215-223.	4.4	40
85	Gamma polymorph and branching formation as inductors of resistance to electron beam irradiation in metallocene isotactic polypropylene. <i>Polymer Degradation and Stability</i> , 2010, 95, 462-469.	5.8	23
86	Influence of nanoparticles on elastic and optical properties of a polymeric matrix: Hypersonic studies on ethylene-vinyl alcohol copolymer-titania nanocomposites. <i>European Polymer Journal</i> , 2010, 46, 397-403.	5.4	12
87	Development of the mesomorphic phase in isotactic propene/higher $\hat{I}^{\pm}$ -olefin copolymers at intermediate comonomer content and its effect on properties. <i>European Polymer Journal</i> , 2010, 46, 1345-1354.	5.4	38
88	Specific lectin interactions and temperature-induced reversible gels in novel water-soluble glycopolymers bearing maltotriolactone pendant groups. <i>Journal of Polymer Science Part A</i> , 2010, 48, 719-729.	2.3	10
89	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> , 2010, 48, 1994-2002.	2.1	1
90	Structural changes induced by deformation in an ethylene-(vinyl alcohol) copolymer: simultaneous measurements of uniaxial stretching and <i>in situ</i> wide-angle X-ray scattering. <i>Polymer International</i> , 2010, 59, 1141-1147.	3.1	0

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91	The Effect of PP-g-MA/Montmorillonite Ratio on the Rheological Behaviour of Polypropylene/Montmorillonite Nanocomposites. <i>Advanced Composites Letters</i> , 2009, 18, 096369350901800.	1.3	1
92	Self-Reinforced Hybrid Polyethylene/MCM-41 Nanocomposites: &lt;&gt;In-Situ&lt;/&gt; Polymerisation and Effect of MCM-41 Content on Rigidity. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 3966-3974.	0.9	34
93	Molecular recognition capability and rheological behavior in solution of novel lactone-based glycopolymers. <i>European Polymer Journal</i> , 2009, 45, 3176-3186.	5.4	9
94	Crosslinking in metallocene ethylene-co-5,7-dimethylocta-1,6-diene copolymers initiated by electron-beam irradiation. <i>Polymer</i> , 2009, 50, 1095-1102.	3.8	14
95	Boosting TiO <sub>2</sub> -anatase antimicrobial activity: Polymer-oxide thin films. <i>Applied Catalysis B: Environmental</i> , 2009, 89, 441-447.	20.2	81
96	Formation of the New Trigonal Polymorph in iPP <sup>~</sup> 1-Hexene Copolymers. Competition with the Mesomorphic Phase. <i>Macromolecules</i> , 2009, 42, 702-708.	4.8	47
97	Biocidal Capability Optimization in Organic <sup>~</sup> Inorganic Nanocomposites Based on Titania. <i>Environmental Science &amp; Technology</i> , 2009, 43, 1630-1634.	10.0	23
98	Recognition Abilities and Development of Heat-Induced Entangled Networks in Lactone-Derived Glycopolymers Obtained from Ethylene-vinyl Alcohol Copolymers. <i>Biomacromolecules</i> , 2009, 10, 1828-1837.	5.4	29
99	Plasmonic Nanoparticle/Polymer Nanocomposites with Enhanced Photocatalytic Antimicrobial Properties. <i>Journal of Physical Chemistry C</i> , 2009, 113, 9182-9190.	3.1	66
100	Applications of Synchrotron X-Ray Diffraction to the Study of the Phase Behavior in Liquid Crystalline Polymers. <i>Lecture Notes in Physics</i> , 2009, , 157-182.	0.7	1
101	Effect of compatibilizer and electron irradiation on free-volume and microhardness of syndiotactic polypropylene/clay nanocomposites. <i>Radiation Physics and Chemistry</i> , 2008, 77, 138-145.	2.8	13
102	Molecular weight effect on the obtainment of parallel and perpendicular orientation in thermotropic poly(diethylene glycol p,â€²-benzoate). <i>Polymer Bulletin</i> , 2008, 60, 89-96.	3.3	4
103	Synthesis of poly(di[methylamine]ethyl methacrylate)â€²poly(cyclohexyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 26 ATRP: Condensedâ€²phase and solution properties. <i>Journal of Polymer Science Part A</i> , 2008, 46, 85-92.	2.3	9
104	Glycopolymers resulting from ethyleneâ€²vinyl alcohol copolymers: Synthetic approach, characterization, and interactions with lectins. <i>Journal of Polymer Science Part A</i> , 2008, 46, 7238-7248.	2.3	26
105	Thermal and Morphological Behaviour of Wellâ€²Defined Amphiphilic Triblock Copolymers Based on Cyclohexyl and Di(ethylene glycol) Methyl Ether Methacrylates. <i>Macromolecular Chemistry and Physics</i> , 2008, 209, 184-194.	2.2	2
106	Comonomer Length Influence on the Structure and Mechanical Response of Metallocenic Polypropylenic Materials. <i>Macromolecular Chemistry and Physics</i> , 2008, 209, 2259-2267.	2.2	45
107	Selfâ€²Sterilized EVOHâ€²TiO <sub>2</sub> Nanocomposites: Interface Effects on Biocidal Properties. <i>Advanced Functional Materials</i> , 2008, 18, 1949-1960.	14.9	111
108	Novel glycopolymers containing aminosaccharide pendant groups by chemical modification of ethyleneâ€²vinyl alcohol copolymers. <i>Polymer</i> , 2008, 49, 2801-2807.	3.8	35



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109	Acoustic and optical phonons in EVOH/TiO <sub>2</sub> nanocomposite films: Effect of aggregation. Journal of Luminescence, 2008, 128, 851-854.	3.1	4
110	Glycopolymers resultant from ethylene/vinyl alcohol copolymers: Degradation and rheological behavior in bulk. European Polymer Journal, 2008, 44, 2194-2201.	5.4	16
111	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. Macromolecules, 2008, 41, 421-428.	4.8	3
112	Study on UV Excitation Properties of Y <sub>2</sub> O <sub>3</sub> :Ln <sup>3+</sup> (Ln = Eu <sup>3+</sup> or Tb <sup>3+</sup> ) Luminescent Nanomaterials. Journal of Nanoscience and Nanotechnology, 2008, 8, 1443-1448.	0.9	18
113	Competition between $\hat{1}$ , $\hat{1}^2$ , and $\hat{1}^3$ Polymorphs in a $\hat{1}^2$ -Nucleated Metallocenic Isotactic Polypropylene. Macromolecules, 2007, 40, 6871-6878.	4.8	171
114	High-Performance Dual-Action Polymer/TiO <sub>2</sub> Nanocomposite Films via Melting Processing. Nano Letters, 2007, 7, 2529-2534.	9.1	121
115	Ethylene/10-Undecenoic Acid Copolymers Prepared with Different Metallocene Catalysts. Macromolecular Chemistry and Physics, 2007, 208, 841-850.	2.2	12
116	Metallocenic Isotactic Poly(propylene) and its Copolymers with 1-Hexene and Ethylene. Macromolecular Chemistry and Physics, 2007, 208, 1510-1521.	2.2	17
117	Self-Assembly of ATRP-Synthesized PCH <sub>2</sub> CP <sub>2</sub> BA <sub>2</sub> CPCH Triblock Copolymers Observed by Time-Resolved SAXS. Macromolecular Chemistry and Physics, 2007, 208, 2654-2664.	2.2	8
118	Effect of Sample Configuration on the Morphology of Foamed LDPE/PP Blends Injection Molded by a Gas Counterpressure Process. Macromolecular Materials and Engineering, 2007, 292, 769-779.	3.6	5
119	Influence of isotacticity and molecular weight on the properties of metallocenic isotactic polypropylene. European Polymer Journal, 2007, 43, 2357-2370.	5.4	60
120	Aggregation and solubilization of organic solvents and petrol/gasoline in water mediated by block copolymers. European Polymer Journal, 2007, 43, 4583-4592.	5.4	6
121	Physical properties of poly(cyclohexyl methacrylate)-b-poly(iso-butyl acrylate)-b-poly(cyclohexyl) Tj ETQq1 1 0.784314 rgBT /OverLock 48, 5581-5589.	3.8	3
122	Ethylene-vinyl alcohol copolymers partially modified with benzoate groups: Study of their polymorphic behavior. Journal of Polymer Science, Part B: Polymer Physics, 2007, 45, 1026-1036.	2.1	9
123	Effects of clay nanoparticles and electron irradiation in the crystallization rate of syndiotactic polypropylene. Journal of Polymer Science, Part B: Polymer Physics, 2007, 45, 1068-1076.	2.1	12
124	Metallocene copolymers of propene and 1-hexene: The influence of the comonomer content and thermal history on the structure and mechanical properties. Journal of Polymer Science, Part B: Polymer Physics, 2006, 44, 1253-1267.	2.1	62
125	Small-angle X-ray scattering and linear melt rheology of poly(tert-butyl acrylate-g-styrene) graft copolymers. Polymer, 2006, 47, 1487-1495.	3.8	16
126	Evolution of a Metallocenic sPP with Time: Changes in Crystalline Content and Enthalpic Relaxation. Macromolecular Chemistry and Physics, 2006, 207, 1564-1574.	2.2	3



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127	Propylene/1-Hexene Copolymer as a Tailor-Made Poly(propylene) for Membrane Preparation via the Thermally Induced Phase Separation (TIPS) Process. <i>Macromolecular Materials and Engineering</i> , 2006, 291, 155-161.	3.6	7
128	Thermal, morphological and rheological characterization of poly(acrylic acid-g-styrene) amphiphilic graft copolymers. <i>Polymer</i> , 2005, 46, 4544-4553.	3.8	38
129	Non-isothermal crystallization of a vinyl alcohol-ethylene copolymer studied by DSC and real time WAXS/SAXS scattering. <i>Polymer</i> , 2005, 46, 9831-9839.	3.8	5
130	Syndiotactic polypropylene and its copolymers with alpha-olefins. Effect of composition and length of comonomer. <i>Polymer</i> , 2005, 46, 12287-12297.	3.8	41
131	Metallocenic Copolymers of Isotactic Propylene and 1-Octadecene: Crystalline Structure and Mechanical Behavior. <i>Macromolecular Chemistry and Physics</i> , 2005, 206, 1221-1230.	2.2	63
132	Synthesis of triblock copolymers based on two isomer acrylate monomers by atom transfer radical polymerization. <i>Journal of Polymer Science Part A</i> , 2005, 43, 4828-4837.	2.3	15
133	Positron Annihilation in Metallocene Ethylene/1-Hexene Copolymers Related to Their Structure and Mechanical Properties. <i>Macromolecules</i> , 2005, 38, 8430-8439.	4.8	11
134	Structural details, viscoelastic and mechanical response in blends of a vinyl alcohol-ethylene copolymer and a metallocenic ethylene-1-octene copolymer. <i>Polymer</i> , 2004, 45, 171-179.	3.8	7
135	Surface silylation of cellulose microfibrils: preparation and rheological properties. <i>Polymer</i> , 2004, 45, 1569-1575.	3.8	266
136	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> , 2004, 42, 3766-3774.	2.1	3
137	Metallocenic copolymers of ethylene and 5,7-dimethylocta-1,6-diene: Structural characterization and mechanical behavior. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2004, 42, 3797-3808.	2.1	7
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