

# Gaetano Guerra

## List of Publications by Citations

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338  
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350  
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13,296  
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6.21  
L-index

#	Paper	IF	Citations
338	Polymorphism in melt crystallized syndiotactic polystyrene samples. <i>Macromolecules</i> , <b>1990</b> , 23, 1539-1544	5.5	468
337	Crystal Structure of the Emptied Clathrate Form (B Form) of Syndiotactic Polystyrene. <i>Macromolecules</i> , <b>1997</b> , 30, 4147-4152	5.5	303
336	On the crystal structure of the orthorhombic form of syndiotactic polystyrene. <i>Polymer</i> , <b>1992</b> , 33, 1423-1428	3.9	235
335	Do new century catalysts unravel the mechanism of stereocontrol of old Ziegler-Natta catalysts?. <i>Accounts of Chemical Research</i> , <b>2004</b> , 37, 231-41	24.3	206
334	Crystal structure of the clathrate I form of syndiotactic polystyrene containing 1,2-dichloroethane. <i>Polymer</i> , <b>1999</b> , 40, 2103-2110	3.9	180
333	Shape and Volume of Cavities in Thermoplastic Molecular Sieves Based on Syndiotactic Polystyrene. <i>Chemistry of Materials</i> , <b>2001</b> , 13, 1506-1511	9.6	164
332	Aerogels with a Microporous Crystalline Host Phase. <i>Advanced Materials</i> , <b>2005</b> , 17, 1515-1518	24	161
331	Crystal Structure of the F Form of Syndiotactic Polystyrene. <i>Polymer Journal</i> , <b>1991</b> , 23, 1435-1442	2.7	155
330	A possible model for the stereospecificity in the syndiospecific polymerization of propene with group 4a metallocenes. <i>Macromolecules</i> , <b>1991</b> , 24, 1784-1790	5.5	138
329	Nanoporous Polymer Crystals with Cavities and Channels. <i>Chemistry of Materials</i> , <b>2008</b> , 20, 3663-3668	9.6	137
328	On the structure of the quenched mesomorphic phase of isotactic polypropylene. <i>Macromolecules</i> , <b>1986</b> , 19, 2699-2703	5.5	135
327	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
326	Vapor sorption in emptied clathrate samples of syndiotactic polystyrene. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>1997</b> , 35, 133-140	2.6	120
325	Crystalline Orientation in Syndiotactic Polystyrene Cast Films. <i>Macromolecules</i> , <b>2002</b> , 35, 5854-5860	5.5	117
324	Geometry and Stability of Titanium Chloride Species Adsorbed on the (100) and (110) Cuts of the MgCl <sub>2</sub> Support of the Heterogeneous Ziegler-Natta Catalysts. <i>Macromolecules</i> , <b>2000</b> , 33, 8953-8962	5.5	116
323	An Intercalate Molecular Complex of Syndiotactic Polystyrene. <i>Macromolecules</i> , <b>2005</b> , 38, 6965-6971	5.5	113
322	Thermoplastic Molecular Sieves. <i>Chemistry of Materials</i> , <b>2000</b> , 12, 363-368	9.6	112

321	Guest Conformation and Diffusion into Amorphous and Emptied Clathrate Phases of Syndiotactic Polystyrene. <i>Macromolecules</i> , <b>1998</b> , 31, 1329-1334	5.5	109
320	Fourier transform infrared spectroscopy of some miscible polybenzimidazole/polyimide blends. <i>Macromolecules</i> , <b>1988</b> , 21, 231-234	5.5	104
319	Analysis of models for the Ziegler-Natta stereospecific polymerization on the basis of non-bonded interactions at the catalytic site□ The Cossee model. <i>European Polymer Journal</i> , <b>1979</b> , 15, 1133-1141	5.2	104
318	Crystalline structures of intercalate molecular complexes of syndiotactic polystyrene with two fluorescent guests: 1,3,5-Trimethyl-benzene and 1,4-dimethyl-naphthalene. <i>Polymer</i> , <b>2006</b> , 47, 2402-2410	3.9	103
317	Mechanisms of Propagation and Termination Reactions in Classical Heterogeneous Ziegler-Natta Catalytic Systems: A Nonlocal Density Functional Study. <i>Journal of the American Chemical Society</i> , <b>1998</b> , 120, 2428-2436	16.4	100
316	Relationship between Regiospecificity and Type of Stereospecificity in Propene Polymerization with Zirconocene-Based Catalysts <sup>1</sup> . <i>Journal of the American Chemical Society</i> , <b>1997</b> , 119, 4394-4403	16.4	99
315	Polymeric sensing films absorbing organic guests into a nanoporous host crystalline phase. <i>Sensors and Actuators B: Chemical</i> , <b>2003</b> , 92, 255-261	8.5	97
314	New Host Polymeric Framework and Related Polar Guest Cocrystals. <i>Chemistry of Materials</i> , <b>2007</b> , 19, 3864-3866	9.6	96
313	Mesomorphic form of syndiotactic polystyrene as composed of small imperfect crystals of the hexagonal (.alpha.) crystalline form. <i>Macromolecules</i> , <b>1993</b> , 26, 3772-3777	5.5	94
312	Advanced materials based on polymer cocrystalline forms. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>2012</b> , 50, 305-322	2.6	93
311	Regeneration of nanoporous crystalline syndiotactic polystyrene by supercritical CO <sub>2</sub> . <i>Journal of Applied Polymer Science</i> , <b>1999</b> , 74, 2077-2082	2.9	92
310	Detection and memory of nonracemic molecules by a racemic host polymer film. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 10992-3	16.4	91
309	Site chirality as a messenger in chain-end stereocontrolled propene polymerization. <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 13368-9	16.4	87
308	Enantioselectivity in the Regioirregular Placements and Regiospecificity in the Isospecific Polymerization of Propene with Homogeneous Ziegler-Natta Catalysts. <i>Journal of the American Chemical Society</i> , <b>1994</b> , 116, 2988-2995	16.4	86
307	Syndiotactic Polystyrene Aerogels: Adsorption in Amorphous Pores and Absorption in Crystalline Nanocavities. <i>Chemistry of Materials</i> , <b>2008</b> , 20, 577-582	9.6	83
306	High-sensitivity optical chemosensor based on coated long-period gratings for sub-ppm chemical detection in water. <i>Applied Physics Letters</i> , <b>2005</b> , 87, 234105	3.4	83
305	Probing by Time-Resolved FTIR Spectroscopy Mass Transport, Molecular Interactions, and Conformational Ordering in the System Chloroform□Syndiotactic Polystyrene. <i>Macromolecules</i> , <b>2002</b> , 35, 2296-2304	5.5	83
304	Back-Skip of the Growing Chain at Model Complexes for the Metallocene Polymerization Catalysis. <i>Macromolecules</i> , <b>1996</b> , 29, 4834-4845	5.5	82

303	Polymorphism in polymers <b>1992</b> , 183-217		82
302	Fourier transform infrared spectroscopy of the polymorphic forms of syndiotactic polystyrene. <i>Die Makromolekulare Chemie</i> , <b>1990</b> , 191, 2111-2119		81
301	Syndiotactic Polystyrene Aerogels with $\beta$ and $\gamma$ Crystalline Phases. <i>Chemistry of Materials</i> , <b>2009</b> , 21, 1028-1034	9.6	78
300	Evaluation by Fourier Transform Infrared Spectroscopy of the different crystalline forms in syndiotactic polystyrene samples. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>1997</b> , 35, 1055-1066	2.6	77
299	Optical Recording Materials Based on Photoisomerization of Guest Molecules of a Polymeric Crystalline Host Phase. <i>Advanced Materials</i> , <b>2005</b> , 17, 1166-1168	24	77
298	Model catalytic sites for olefin polymerization and diastereoselectivity in the cyclopolymerization of 1,5-hexadiene. <i>Macromolecules</i> , <b>1993</b> , 26, 260-267	5.5	75
297	Label-Free Vapor Selectivity in Poly(p-Phenylene Oxide) Photonic Crystal Sensors. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 31941-31950	9.5	74
296	Coated long-period fiber gratings as high-sensitivity optochemical sensors. <i>Journal of Lightwave Technology</i> , <b>2006</b> , 24, 1776-1786	4	74
295	Gas sorption and transport in syndiotactic polystyrene with nanoporous crystalline phase. <i>Polymer</i> , <b>2004</b> , 45, 429-436	3.9	74
294	Influence of 1,3-Diethers on the Stereospecificity of Propene Polymerization by Supported Ziegler-Natta Catalysts. A Theoretical Investigation on Their Adsorption on (110) and (100) Lateral Cuts of MgCl <sub>2</sub> Platelets. <i>Macromolecules</i> , <b>2000</b> , 33, 1134-1140	5.5	73
293	N-doped TiO <sub>2</sub> /s-PS aerogels for photocatalytic degradation of organic dyes in wastewater under visible light irradiation. <i>Journal of Chemical Technology and Biotechnology</i> , <b>2014</b> , 89, 1175-1181	3.5	72
292	Normal vibrational analysis of the syndiotactic polystyrene $\gamma$ helix. <i>Journal of Physical Chemistry B</i> , <b>2009</b> , 113, 5059-71	3.4	71
291	Thermal Transitions of $\gamma$ Crystalline Phases of Syndiotactic Polystyrene. <i>Macromolecules</i> , <b>2007</b> , 40, 9470-9474	5.4	71
290	Fluorescence of Syndiotactic Polystyrene/Trimethylbenzene Clathrate and Intercalate Co-Crystals. <i>Chemistry of Materials</i> , <b>2007</b> , 19, 6041-6046	9.6	70
289	FTIR spectra of pure helical crystalline phases of syndiotactic polystyrene. <i>Polymer</i> , <b>2006</b> , 47, 234-242	3.9	70
288	Clathrate Phase in Syndiotactic Polystyrene Gels. <i>Macromolecules</i> , <b>2002</b> , 35, 2243-2251	5.5	70
287	Anisotropic Diffusion of Small Penetrants in the $\gamma$ Crystalline Phase of Syndiotactic Polystyrene: A Molecular Dynamics Simulation Study. <i>Chemistry of Materials</i> , <b>2002</b> , 14, 2977-2982	9.6	70
286	Effects of blending on the polymorphic behavior of melt-crystallized syndiotactic polystyrene. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>1991</b> , 29, 265-271	2.6	69

285	On the structure of the mesomorphic form of syndiotactic polystyrene. <i>Die Makromolekulare Chemie</i> , <b>1993</b> , 194, 1335-1345		69
284	Monoclinic and Triclinic Clathrates of Syndiotactic Polystyrene. <i>Macromolecules</i> , <b>2010</b> , 43, 8549-8558	5.5	68
283	Molecular sensing by nanoporous crystalline polymers. <i>Sensors</i> , <b>2009</b> , 9, 9816-57	3.8	68
282	A Density Functional and Molecular Mechanics Study Of Hydrogen Transfer in Homogeneous Ziegler-Natta Catalysis. <i>Macromolecules</i> , <b>1996</b> , 29, 2729-2737	5.5	68
281	Steric control in Ziegler-Natta catalysts: An analysis of nonbonded interactions at model catalytic sites. <i>Journal of Catalysis</i> , <b>1982</b> , 77, 32-42	7.3	67
280	Channel Clathrate of Syndiotactic Polystyrene with p-nitroaniline. <i>Macromolecules</i> , <b>2010</b> , 43, 1455-1466	5.5	66
279	Nanoporous Crystalline Phases of Poly(2,6-Dimethyl-1,4-phenylene)oxide. <i>Chemistry of Materials</i> , <b>2011</b> , 23, 3195-3200	9.6	66
278	Understanding at molecular level of nanoporous and co-crystalline materials based on syndiotactic polystyrene. <i>Progress in Materials Science</i> , <b>2009</b> , 54, 68-88	42.2	66
277	Polymeric Films with Three Different Uniplanar Crystalline Phase Orientations. <i>Macromolecules</i> , <b>2005</b> , 38, 10089-10094	5.5	65
276	Anisotropic Guest Diffusion in the Crystalline Host Phase of Syndiotactic Polystyrene: Transport Kinetics in Films with Three Different Uniplanar Orientations of the Host Phase. <i>Chemistry of Materials</i> , <b>2006</b> , 18, 2205-2210	9.6	63
275	Chlorinated Guest Orientation and Mobility in Clathrate Structures Formed with Syndiotactic Polystyrene. <i>Macromolecules</i> , <b>2003</b> , 36, 8695-8703	5.5	63
274	Optimization of graphene-based materials outperforming host epoxy matrices. <i>RSC Advances</i> , <b>2015</b> , 5, 36969-36978	3.7	61
273	Ordering Magnetic Molecules within Nanoporous Crystalline Polymers. <i>Chemistry of Materials</i> , <b>2009</b> , 21, 4750-4752	9.6	61
272	Syndiotactic Polystyrene Clathrates with Polar Guest Molecules. <i>Chemistry of Materials</i> , <b>2007</b> , 19, 3302-3308	9.6	61
271	Syndiotactic polystyrene thin film as sensitive layer for an optoelectronic chemical sensing device. <i>Sensors and Actuators B: Chemical</i> , <b>2005</b> , 109, 177-184	8.5	61
270	Models for the stereospecificity in homogeneous and heterogeneous Ziegler-Natta polymerizations. <i>Progress in Polymer Science</i> , <b>1991</b> , 16, 239-257	29.6	61
269	Chemically Reduced Graphite Oxide with Improved Shape Anisotropy. <i>Journal of Physical Chemistry C</i> , <b>2012</b> , 116, 24809-24813	3.8	59
268	Orientation and Microenvironment of Naphthalene Guest in the Host Nanoporous Phase of Syndiotactic Polystyrene. <i>Macromolecules</i> , <b>2005</b> , 38, 3696-3702	5.5	59

267	Polymorphism of syndiotactic polystyrene: $\beta$ phase crystallization induced by bulky non-guest solvents. <i>Polymer</i> , <b>2005</b> , 46, 9549-9554	3.9	59
266	Isothermal Guest Desorption from Crystalline and Amorphous Phases of Syndiotactic Polystyrene. <i>Macromolecules</i> , <b>1999</b> , 32, 2770-2776	5.5	59
265	On blends of poly(vinylidene fluoride) and poly(vinyl fluoride). <i>Macromolecules</i> , <b>1986</b> , 19, 1935-1938	5.5	59
264	Guest Orientation in Uniplanar-Axial Polymer Host Films and in Co-Crystal Unit-Cell, Determined by Angular Distributions of Polarized Guest Fluorescence. <i>Macromolecules</i> , <b>2008</b> , 41, 9156-9164	5.5	57
263	Perpendicular Orientation of Host Polymer Chains in Clathrate Thick Films. <i>Macromolecules</i> , <b>2004</b> , 37, 3071-3076	5.5	57
262	Photoisomerization patterns based on molecular complex phases of syndiotactic polystyrene. <i>Journal of Materials Chemistry</i> , <b>2007</b> , 17, 531-535		56
261	Molecular Organization in the Pseudo-hexagonal Crystalline Phase of Ethylene/Propylene Copolymers. <i>Macromolecules</i> , <b>1996</b> , 29, 7141-7148	5.5	56
260	Analysis of models for the ziegler-natta stereospecific polymerization on the basis of non-bonded interactions at the catalytic site. <i>European Polymer Journal</i> , <b>1980</b> , 16, 835-842	5.2	56
259	Conditions for the $\beta$ - $\alpha$ transition in isotactic polypropylene samples. <i>European Polymer Journal</i> , <b>1984</b> , 20, 937-941	5.2	55
258	Extrapolation to the equilibrium melting temperature for isotactic polypropylene. <i>Macromolecules</i> , <b>1985</b> , 18, 813-814	5.5	55
257	Polymeric Films with Three Different Orientations of Crystalline-Phase Empty Channels. <i>Chemistry of Materials</i> , <b>2009</b> , 21, 3370-3375	9.6	53
256	A Theoretical Study of Syndiospecific Styrene Polymerization with Cp-Based and Cp-Free Titanium Catalysts. 2. Mechanism of Chain-End Stereocontrol. <i>Macromolecules</i> , <b>2001</b> , 34, 5379-5385	5.5	53
255	Gas Sorption and Diffusion in Amorphous and Semicrystalline Nanoporous Poly(2,6-dimethyl-1,4-phenylene)oxide. <i>Macromolecules</i> , <b>2012</b> , 45, 3604-3615	5.5	52
254	Stereoselective cyclopropanation by cycloco-polymerization of butadiene. <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 3502-3	16.4	52
253	Effects of p-Methylstyrene Comonomeric Units on the Polymorphic Behavior of Syndiotactic Polystyrene. <i>Macromolecules</i> , <b>1995</b> , 28, 6508-6515	5.5	52
252	Possible model for chain end control of stereoregularity in the isospecific homogeneous Ziegler-Natta polymerization. <i>Polymer</i> , <b>1990</b> , 31, 530-537	3.9	51
251	Clay Delamination in Hydrocarbon Rubbers. <i>Chemistry of Materials</i> , <b>2007</b> , 19, 2495-2499	9.6	50
250	A clear-cut experimental method to discriminate between in-plane and out-of-plane molecular transition moments. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 13114-5	16.4	50

249	Perpendicular Chain Axis Orientation in s-PS Films: Achievement by Guest-Induced Clathrate Formation and Maintenance after Transitions toward Helical and Trans-Planar Polymorphic Forms. <i>Macromolecules</i> , <b>2004</b> , 37, 8043-8049	5.5	50
248	Optical chemo-sensor based on long period gratings coated with $\delta$ form syndiotactic polystyrene. <i>IEEE Photonics Technology Letters</i> , <b>2005</b> , 17, 1713-1715	2.2	49
247	Influence of Ligand Substitutions on the Regiospecificity and Stereospecificity in Isospecific Zirconocenes for Propene Polymerization. A Molecular Mechanics Analysis. <i>Macromolecules</i> , <b>1998</b> , 31, 3431-3438	5.5	49
246	Catalytic activity of graphite-based nanofillers on cure reaction of epoxy resins. <i>Polymer</i> , <b>2014</b> , 55, 5612-5615	5.5	48
245	Monolithic nanoporous crystalline aerogels. <i>Macromolecular Rapid Communications</i> , <b>2013</b> , 34, 1194-207	4.8	48
244	Theoretical Study of Syndiospecific Styrene Polymerization with Cp-Based and Cp-Free Titanium Catalysts. 1. Mechanism of Chain Propagation. <i>Macromolecules</i> , <b>2001</b> , 34, 2459-2468	5.5	48
243	Normal vibrational analysis of a trans-planar syndiotactic polystyrene chain. <i>Journal of Physical Chemistry B</i> , <b>2007</b> , 111, 6327-35	3.4	46
242	Polymer/Gas Clathrates for Gas Storage and Controlled Release. <i>Macromolecules</i> , <b>2006</b> , 39, 9166-9170	5.5	46
241	Spectroscopic Investigation of Host-Guest Interactions into Clathrate Phases of Syndiotactic Polystyrene Containing Chlorinated Compounds. <i>Macromolecules</i> , <b>2000</b> , 33, 143-149	5.5	46
240	On the mesomorphic form of poly(ethylene terephthalate). <i>Macromolecules</i> , <b>1992</b> , 25, 2490-2497	5.5	46
239	Ethylene removal by sorption from polymeric crystalline frameworks. <i>Journal of Materials Chemistry</i> , <b>2008</b> , 18, 1046		45
238	Layers of Close-Packed Alternated Enantiomorphous Helices and the Three Different Uniplanar Orientations of Syndiotactic Polystyrene. <i>Macromolecules</i> , <b>2008</b> , 41, 8632-8642	5.5	45
237	On the effects of methyl substituents on chelating ligands in models for homogeneous isospecific Ziegler-Natta catalysis. <i>Polymer</i> , <b>1991</b> , 32, 1329-1335	3.9	45
236	Different solvent stability of the crystalline polymorphic forms of syndiotactic polystyrene. <i>Journal of Materials Science Letters</i> , <b>1991</b> , 10, 1084-1087		45
235	Inverting the Diastereoselectivity of the Mukaiyama-Michael Addition with Graphite-Based Catalysts. <i>ACS Catalysis</i> , <b>2014</b> , 4, 492-496	13.1	44
234	Conformational and packing energy of the crystalline $\beta$ modification of syndiotactic polystyrene. <i>European Polymer Journal</i> , <b>1994</b> , 30, 1173-1177	5.2	44
233	Thermal Stability of Nanoporous Crystalline and Amorphous Phases of Poly(2,6-dimethyl-1,4-phenylene) Oxide. <i>Macromolecules</i> , <b>2013</b> , 46, 449-454	5.5	42
232	Polyethylene Unit Cell and Crystallinity Variations as a Consequence of Different Cross-Linking Processes. <i>Macromolecules</i> , <b>2001</b> , 34, 5175-5179	5.5	42

231	Graphene oxide as a catalyst for ring opening reactions in amine crosslinking of epoxy resins. <i>RSC Advances</i> , <b>2016</b> , 6, 23858-23865	3.7	41
230	Aerogels and polymorphism of isotactic poly(4-methyl-pentene-1). <i>ACS Applied Materials &amp; Interfaces</i> , <b>2011</b> , 3, 969-77	9.5	41
229	Hydrogen Adsorption by $\alpha$ and $\beta$ Crystalline Phases of Syndiotactic Polystyrene Aerogels. <i>Macromolecules</i> , <b>2010</b> , 43, 8594-8601	5.5	40
228	Thermal and Structural Characterization of Poly(methylene-1,3-cyclopentane) Samples of Different Microstructures. <i>Macromolecules</i> , <b>1995</b> , 28, 2383-2388	5.5	40
227	Solid-state high-resolution $^{13}\text{C}$ NMR spectra of syndiotactic polystyrene. <i>Die Makromolekulare Chemie Rapid Communications</i> , <b>1989</b> , 10, 687-690		40
226	Molecular Mechanics and Stereospecificity in Ziegler-Natta 1,2 and Cis-1,4 Polymerizations of Conjugated Dienes. <i>Macromolecules</i> , <b>1997</b> , 30, 677-684	5.5	39
225	Processing, thermal stability and morphology of chiral sensing syndiotactic polystyrene films. <i>Journal of Materials Chemistry</i> , <b>2008</b> , 18, 567-572		39
224	Butadiene Insertion and Constitutional Units in Ethene Copolymerizations by $\text{C}_2$ -Symmetric Metallocenes. <i>Macromolecules</i> , <b>2003</b> , 36, 9067-9074	5.5	39
223	Stereoselectivity and Chemoselectivity in Ziegler-Natta Polymerizations of Conjugated Dienes. 1. Monomers with Low-Energy $s$ -Cis $\pi$ Coordination. <i>Macromolecules</i> , <b>2001</b> , 34, 7952-7960	5.5	39
222	Conformational Disorder in the Pseudohexagonal Form of Atactic Polyacrylonitrile. <i>Macromolecules</i> , <b>1996</b> , 29, 8852-8861	5.5	39
221	E stereoregular 1,1 and 1,3 constitutional units from 1,3-butadiene in copolymerizations catalyzed by a highly hindered $c(2)$ symmetric metallocene. <i>Journal of the American Chemical Society</i> , <b>2003</b> , 125, 4799-803	16.4	38
220	Polymorphism and chain conformations in the crystalline forms of syndiotactic poly(1-butene). <i>Macromolecules</i> , <b>1991</b> , 24, 5645-5650	5.5	37
219	On the double peak shape of melting endotherms of isothermally crystallized isotactic polypropylene samples. <i>Die Makromolekulare Chemie Rapid Communications</i> , <b>1984</b> , 5, 631-634		37
218	Steric control in the first step of the isospecific Ziegler-Natta polymerization of propene. <i>Macromolecules</i> , <b>1982</b> , 15, 1242-1245	5.5	37
217	Structural analogies between homogeneous and heterogeneous catalysts for the stereospecific polymerization of 1-alkenes. <i>Journal of Molecular Catalysis</i> , <b>1992</b> , 74, 433-442		36
216	Nanoporous triclinic $\beta$ -modification of syndiotactic polystyrene. <i>Polymer</i> , <b>2015</b> , 63, 230-236	3.9	35
215	Graphite oxide intercalation compounds with rotator hexagonal order in the intercalated layers. <i>Carbon</i> , <b>2013</b> , 61, 395-403	10.4	35
214	Regio- and enantioselective friedel-crafts reactions of indoles to epoxides catalyzed by graphene oxide: a green approach. <i>ChemSusChem</i> , <b>2014</b> , 7, 3279-83	8.3	35



213	Dipolar guest orientation in polymer co-crystals and macroscopic films. <i>CrystEngComm</i> , <b>2009</b> , 11, 2381	3.3	35
212	Syndiotactic Polystyrene Physical Gels: Guest Influence on Structural Order in Molecular Complex Domains and Gel Transparency. <i>Macromolecules</i> , <b>2006</b> , 39, 7578-7582	5.5	35
211	Solubility and diffusivity of low molecular weight compounds in semi-crystalline poly-(2,6-dimethyl-1,4-phenylene)oxide: The role of the crystalline phase. <i>Journal of Membrane Science</i> , <b>2013</b> , 443, 100-106	9.6	34
210	Selective Molecular Complex Phase Formation of Syndiotactic Polystyrene with a Styrene Dimer. <i>Macromolecules</i> , <b>2006</b> , 39, 9171-9176	5.5	34
209	Polymorphism of syndiotactic poly(p-methylstyrene): oriented samples. <i>Polymer</i> , <b>1996</b> , 37, 5247-5253	3.9	34
208	Ferroelectric co-crystalline polymers. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 19074		33
207	New model of the origin of the stereospecificity in the synthesis of syndiotactic polypropylene. <i>Macromolecules</i> , <b>1985</b> , 18, 2030-2034	5.5	33
206	A possible structural interpretation of the two DSC melting peaks of isotactic polypropylene in the $\beta$ -modification. <i>Die Makromolekulare Chemie Rapid Communications</i> , <b>1982</b> , 3, 753-756		33
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