

Gaetano Guerra

List of Publications by Year in descending order

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346
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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Fast uptake of organic pollutants from dilute aqueous solutions by nanoporous-crystalline PPO films with c-perpendicular orientation. <i>European Polymer Journal</i> , 2022, 164, 110976.	2.6	3
2	High Surface Area Nanoporous-Crystalline Polymer Films. <i>Macromolecules</i> , 2022, 55, 2983-2990.	2.2	12
3	c-Perpendicular orientation in thin nanoporous-crystalline poly(2,6-dimethyl-1,4-phenylene)oxide films. <i>Polymers for Advanced Technologies</i> , 2022, 33, 2344-2351.	1.6	3
4	High surface area polymer films by co-crystallization with low-molecular-mass guest molecules. <i>European Polymer Journal</i> , 2022, , 111305.	2.6	1
5	Development and characterization of innovative carbon-based waste ashes/epoxy composites. <i>Materials Today: Proceedings</i> , 2021, 34, 133-139.	0.9	2
6	Control of Guest Thermal Release by Crystalline Host Orientation. <i>ACS Applied Polymer Materials</i> , 2021, 3, 949-955.	2.0	8
7	c-Perpendicular Orientation of Poly(ϵ -lactide) Films. <i>Polymers</i> , 2021, 13, 1572.	2.0	5
8	Planar Orientation and Transparency of Nanoporous-Crystalline Polymer Films. <i>Macromolecules</i> , 2021, 54, 6605-6611.	2.2	13
9	Melting of nanoporous-crystalline and co-crystalline solution cast films of poly(2,6-dimethyl-1,4-phenylene) oxide. <i>Polymer</i> , 2021, 228, 123935.	1.8	9
10	Axially oriented guest induced crystallization in syndiotactic polystyrene unstretched fibers. <i>Polymer</i> , 2021, 228, 123908.	1.8	9
11	High diffusivity dense films of a nanoporous-crystalline polymer. <i>Polymer</i> , 2021, 229, 124005.	1.8	18
12	Monomeric and Dimeric Carboxylic Acid in Crystalline Cavities and Channels of Delta and Epsilon Forms of Syndiotactic Polystyrene. <i>Polymers</i> , 2021, 13, 3330.	2.0	10
13	Mechanisms determining different planar orientations in PPO films crystallized by guest sorption. <i>Polymer</i> , 2021, 235, 124242.	1.8	11
14	Fast uptake of organic pollutants from dilute aqueous solutions by nanoporous-crystalline PPO films with c-perpendicular orientation. <i>European Polymer Journal</i> , 2021, 161, 110864.	2.6	14
15	Molecular Features Behind Formation of $\hat{1}_{\pm}$ or $\hat{1}^2$ Co-Crystalline and Nanoporous-Crystalline Phases of PPO. <i>Frontiers in Chemistry</i> , 2021, 9, 809850.	1.8	7
16	Dependence on Film Thickness of Guest-Induced c Perpendicular Orientation in PPO Films. <i>Polymers</i> , 2021, 13, 4384.	2.0	11
17	Guest induced transition from $\hat{1}^2$ to $\hat{1}_{\pm}$ nanoporous crystalline forms of PPO. <i>Polymer</i> , 2020, 187, 122083.	1.8	10
18	Thermal shrinkage and heat capacity of monolithic polymeric physical aerogels. <i>Polymer</i> , 2020, 210, 123073.	1.8	4

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19	Nanoporous Crystalline Composite Aerogels with Reduced Graphene Oxide. <i>Molecules</i> , 2020, 25, 5241.	1.7	3
20	Axial Orientation of Co-Crystalline Phases of Poly(2,6-Dimethyl-1,4-Phenylene)Oxide Films. <i>Polymers</i> , 2020, 12, 2394.	2.0	9
21	Polymorphism of Poly(2,6-dimethyl-1,4-phenylene)oxide in Axially Stretched Films. <i>Macromolecules</i> , 2020, 53, 2287-2294.	2.2	17
22	Axially Oriented Nanoporous Crystalline Phases of Poly(2,6-dimethyl-1,4-phenylene)oxide. <i>ACS Applied Polymer Materials</i> , 2020, 2, 3518-3524.	2.0	16
23	Benzene-Induced Crystallization of PPO: A Combined Thermodynamic and Vibrational Spectroscopy Study. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 5402-5411.	1.8	10
24	Antimicrobial release from cleaning poultices for the conservation and disinfection of stone surfaces. <i>Applied Clay Science</i> , 2020, 193, 105667.	2.6	4
25	Graphene Oxide and Oxidized Carbon Black as Catalyst for Crosslinking of Phenolic Resins. <i>Polymers</i> , 2019, 11, 1330.	2.0	9
26	Graphite functionalization by ball milling with sulfur. <i>SN Applied Sciences</i> , 2019, 1, 1.	1.5	3
27	Nanoporous-crystalline films of PPO with parallel and perpendicular polymer chain orientations. <i>Polymer</i> , 2019, 167, 193-201.	1.8	35
28	Edge-Oxidation of Graphites by Hydrogen Peroxide. <i>Langmuir</i> , 2019, 35, 2244-2250.	1.6	20
29	Catalytic Activity of Oxidized Carbon Waste Ashes for the Crosslinking of Epoxy Resins. <i>Polymers</i> , 2019, 11, 1011.	2.0	9
30	Chemical Stabilization of Hexanal Molecules by Inclusion as Guests of Nanoporous-Crystalline Syndiotactic Polystyrene Crystals. <i>Macromolecules</i> , 2019, 52, 2255-2264.	2.2	25
31	Processing and strain induced crystallization and reinforcement under strain of poly(1,4-cis-isoprene) from Ziegler-Natta catalysis, <i>hevea brasiliensis</i> , <i>taraxacum kok-saghyz</i> and <i>partenium argentatum</i> . <i>Advanced Industrial and Engineering Polymer Research</i> , 2019, 2, 1-12.	2.7	3
32	Release of Cationic Drugs from Charcoal. <i>Materials</i> , 2019, 12, 683.	1.3	2
33	Intercalation compounds of a smectite clay with an ammonium salt biocide and their possible use for conservation of cultural heritage. <i>Heliyon</i> , 2019, 5, e02991.	1.4	6
34	Two Nanoporous Crystalline Forms of Poly(2,6-dimethyl-1,4-phenylene)oxide and Related Co-Crystalline Forms. <i>Macromolecules</i> , 2019, 52, 9646-9656.	2.2	50
35	Packaging technology for improving shelf-life of fruits based on a nanoporous-crystalline polymer. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46256.	1.3	12
36	Graphene-Based Carbocatalysts for Thermoset Polymers and for Diastereoselective and Enantioselective Organic Synthesis. <i>ChemCatChem</i> , 2018, 10, 2350-2359.	1.8	9

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37	Vibrational Spectra of Poly(ethylene terephthalate) Chains in the Mesomorphic Form. <i>Macromolecular Chemistry and Physics</i> , 2018, 219, 1700362.	1.1	2
38	Hexagonal rotator order of bound ionic surfactants and temperature triggered dispersion of carbon nanotubes. <i>Carbon</i> , 2018, 127, 228-235.	5.4	3
39	Etched Fibers of Syndiotactic Polystyrene with Nanoporous-Crystalline Phases. <i>Macromolecules</i> , 2018, 51, 6138-6148.	2.2	24
40	PLA Melt Stabilization by High-Surface-Area Graphite and Carbon Black. <i>Polymers</i> , 2018, 10, 139.	2.0	23
41	Green and Facile Esterification Procedure Leading to Crystalline-Functionalized Graphite Oxide. <i>Langmuir</i> , 2017, 33, 6819-6825.	1.6	7
42	Circularly polarized luminescence of syndiotactic polystyrene. <i>Optical Materials</i> , 2017, 73, 595-601.	1.7	23
43	Single-phase block copolymers by cross-metathesis of 1,4-cis-polybutadiene and 1,4-cis-polyisoprene. <i>Polymer</i> , 2017, 130, 143-149.	1.8	23
44	Efficient Modulation of Polyethylene Microstructure by Proper Activation of ($\hat{\pm}$ -Diimine)Ni(II) Catalysts: Synthesis of Well-Performing Polyethylene Elastomers. <i>Macromolecules</i> , 2017, 50, 6586-6594.	2.2	21
45	Oxidized Carbon Black as Catalyst for the Enamine Formation in Solvent-Free Conditions: A Green Strategy to Build the Benzodiazepine Scaffold. <i>ChemistrySelect</i> , 2017, 2, 10559-10564.	0.7	9
46	Oxidized Carbon Black as an Activator of Transesterification Reactions under Solvent-Free Conditions. <i>ACS Omega</i> , 2017, 2, 7862-7867.	1.6	13
47	Catalytic Activity of Oxidized Carbon Black and Graphene Oxide for the Crosslinking of Epoxy Resins. <i>Polymers</i> , 2017, 9, 133.	2.0	11
48	Thermally stable, solvent resistant and flexible graphene oxide paper. <i>RSC Advances</i> , 2016, 6, 44522-44530.	1.7	9
49	Monolithic Polymeric Aerogels with Organically Modified Clays and Graphite Oxide Nanofillers. <i>Macromolecular Symposia</i> , 2016, 359, 32-43.	0.4	0
50	Intense Chiral Optical Phenomena in Racemic Polymers by Cocrystallization With Chiral Guest Molecules: A Brief Overview. <i>Chirality</i> , 2016, 28, 29-38.	1.3	3
51	Nanoporous Crystalline Polymer Materials for Environmental Applications. <i>Macromolecular Symposia</i> , 2016, 369, 19-25.	0.4	6
52	Nanoporous-crystalline poly(2,6-dimethyl-1,4-phenylene)oxide (PPO) aerogels. <i>Polymer</i> , 2016, 105, 96-103.	1.8	36
53	Intercalation compounds of oxidized carbon black. <i>RSC Advances</i> , 2016, 6, 105565-105572.	1.7	18
54	Label-Free Vapor Selectivity in Poly(<i>p</i> -Phenylene Oxide) Photonic Crystal Sensors. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 31941-31950.	4.0	93

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55	Microporous-crystalline microfibers by eco-friendly guests: An efficient tool for sorption of volatile organic pollutants. <i>Microporous and Mesoporous Materials</i> , 2016, 232, 205-210.	2.2	22
56	Crystallinity and crystalline phase orientation of poly(1,4- <i>cis</i> -isoprene) from <i>Hevea brasiliensis</i> and <i>Taraxacum kok-saghyz</i> . <i>Polymers for Advanced Technologies</i> , 2016, 27, 1082-1090.	1.6	30
57	Green Regio- and Enantioselective Aminolysis Catalyzed by Graphite and Graphene Oxide under Solvent-Free Conditions. <i>ChemCatChem</i> , 2016, 8, 1915-1920.	1.8	17
58	Graphene oxide as a catalyst for ring opening reactions in amine crosslinking of epoxy resins. <i>RSC Advances</i> , 2016, 6, 23858-23865.	1.7	58
59	Cure reaction of epoxy resins catalyzed by graphite-based nanofiller. <i>AIP Conference Proceedings</i> , 2015, , .	0.3	2
60	Monolithic aerogels with nanoporous crystalline phases. <i>AIP Conference Proceedings</i> , 2015, , .	0.3	0
61	X-ray photoelectron spectroscopy of reduced graphene oxide prepared by a novel green method. <i>Vacuum</i> , 2015, 119, 159-162.	1.6	39
62	Monolithic Polymeric Aerogels with VOCs Sorbent Nanoporous Crystalline and Water Sorbent Amorphous Phases. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 1318-1326.	4.0	28
63	µ Form Gels and Aerogels of Syndiotactic Polystyrene. <i>Macromolecules</i> , 2015, 48, 1187-1193.	2.2	23
64	Intercalation and Exfoliation Compounds of Graphite Oxide with Quaternary Phosphonium Ions. <i>Chemistry of Materials</i> , 2015, 27, 1590-1596.	3.2	35
65	Nanoporous triclinic $\hat{\Gamma}$ modification of syndiotactic polystyrene. <i>Polymer</i> , 2015, 63, 230-236.	1.8	39
66	Graphite oxide as catalyst for diastereoselective Mukaiyama aldol reaction of 2-(trimethylsilyloxy)furan in solvent free conditions. <i>Journal of Molecular Catalysis A</i> , 2015, 408, 237-241.	4.8	18
67	Optimization of graphene-based materials outperforming host epoxy matrices. <i>RSC Advances</i> , 2015, 5, 36969-36978.	1.7	71
68	Poly(<i>l</i> -lactic acid): Uniplanar Orientation in Cocrystalline Films and Structure of the Cocrystalline Form with Cyclopentanone. <i>Macromolecules</i> , 2015, 48, 7513-7520.	2.2	26
69	Delamination of organically modified montmorillonite for reducing the filler networking with carbon black in poly(1,4- <i>cis</i> -isoprene) based nanocomposites. <i>Applied Clay Science</i> , 2015, 104, 8-17.	2.6	13
70	Synthesis of Reduced Graphite Oxide by a Novel Green Process Based on UV Light Irradiation. <i>Science of Advanced Materials</i> , 2015, 7, 2445-2451.	0.1	9
71	Regio- and Enantioselective Friedel-Crafts Reactions of Indoles to Epoxides Catalyzed by Graphene Oxide: A Green Approach. <i>ChemSusChem</i> , 2014, 7, 3279-3283.	3.6	43
72	Inverting the Diastereoselectivity of the Mukaiyama-Michael Addition with Graphite-Based Catalysts. <i>ACS Catalysis</i> , 2014, 4, 492-496.	5.5	51

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73	Syndiotactic polystyrene films with a cocrystalline phase including carvacrol guest molecules. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2014, 52, 657-665.	2.4	24
74	Delaminated and intercalated organically modified montmorillonite in poly(1,4-cis-isoprene) matrix. Indications of counterintuitive dynamic-mechanical behavior. <i>Applied Clay Science</i> , 2014, 97-98, 8-16.	2.6	23
75	Catalytic activity of graphite-based nanofillers on cure reaction of epoxy resins. <i>Polymer</i> , 2014, 55, 5612-5615.	1.8	56
76	Melt-Extruded Films of a Commercial Polymer with Intense Chiral Optical Response of Achiral Guests. <i>Macromolecules</i> , 2014, 47, 2616-2624.	2.2	9
77	Spectroscopic Investigation of Guest-Guest Interactions in the Nanoporous-Crystalline γ and μ Forms of Syndiotactic Polystyrene. <i>Journal of Physical Chemistry C</i> , 2014, 118, 11774-11783.	1.5	11
78	Disordered Nanoporous Crystalline Modifications of Syndiotactic Polystyrene. <i>Journal of Solution Chemistry</i> , 2014, 43, 158-171.	0.6	19
79	Rayleigh scattering by graphene-oxide in syndiotactic polystyrene aerogels. <i>Carbon</i> , 2014, 77, 896-905.	5.4	22
80	Enantiomeric guests with the same signs of chiral optical responses. <i>Chemical Communications</i> , 2014, 50, 8185-8188.	2.2	13
81	Organoclays with hexagonal rotator order for the paraffinic chains of the compensating cation. Implications on the structure of clay polymer nanocomposites. <i>Applied Clay Science</i> , 2014, 87, 179-188.	2.6	20
82	N-doped TiO_2 /PS aerogels for photocatalytic degradation of organic dyes in wastewater under visible light irradiation. <i>Journal of Chemical Technology and Biotechnology</i> , 2014, 89, 1175-1181.	1.6	89
83	Sulfonated syndiotactic polystyrene: sorption of ionic liquid in the amorphous phase and of organic guests in the crystalline phase. <i>Polymers for Advanced Technologies</i> , 2013, 24, 56-61.	1.6	5
84	Racemic synthetic polymers and chirality. <i>Rendiconti Lincei</i> , 2013, 24, 217-226.	1.0	7
85	Layered double hydroxides with low Al content and new intercalate structures. <i>Applied Clay Science</i> , 2013, 71, 27-31.	2.6	5
86	Graphite oxide intercalation compounds with rotator hexagonal order in the intercalated layers. <i>Carbon</i> , 2013, 61, 395-403.	5.4	41
87	Syndiotactic Polystyrene Films with Different Uniplanar Orientations: Additional Information on Crystal Phase Transitions. <i>Macromolecular Chemistry and Physics</i> , 2013, 214, 41-45.	1.1	6
88	Control of guest transport in polymer films by structure and orientation of nanoporous-crystalline phases. <i>Polymer</i> , 2013, 54, 1671-1678.	1.8	23
89	On the crystallization behavior of syndiotactic-b-atactic polystyrene stereodiblock copolymers, atactic/syndiotactic polystyrene blends, and aPS/SPS blends modified with sPS-b-aPS. <i>Materials Chemistry and Physics</i> , 2013, 141, 891-902.	2.0	8
90	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> , 2013, 443, 100-106.	4.1	39

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91	Monolithic Aerogels Based on Poly(2,6-diphenyl-1,4-phenylene oxide) and Syndiotactic Polystyrene. ACS Applied Materials & Interfaces, 2013, 5, 5493-5499.	4.0	13
92	Thermal Stability of Nanoporous Crystalline and Amorphous Phases of Poly(2,6-dimethyl-1,4-phenylene) Oxide. Macromolecules, 2013, 46, 449-454.	2.2	50
93	Uniplanar Orientations and Guest Exchange in PPO Cocrystalline Films. Macromolecules, 2013, 46, 3995-4001.	2.2	23
94	Clay exfoliation and polymer/clay aerogels by supercritical carbon dioxide. Frontiers in Chemistry, 2013, 1, 28.	1.8	16
95	Monolithic Nanoporous Crystalline Aerogels. Macromolecular Rapid Communications, 2013, 34, 1194-1207.	2.0	61
96	Gas sorption in poly-(2,6-dimethyl-1,4-phenylene)oxide containing nanoporous crystalline phases. , 2012, , .		0
97	A chiral co-crystalline form of poly(2,6-dimethyl-1,4-phenylene)oxide (PPO). Journal of Materials Chemistry, 2012, 22, 11672.	6.7	40
98	Gas Sorption and Diffusion in Amorphous and Semicrystalline Nanoporous Poly(2,6-dimethyl-1,4-phenylene)oxide. Macromolecules, 2012, 45, 3604-3615.	2.2	66
99	Azobenzene isomerization in polymer co-crystalline phases. Polymer, 2012, 53, 2727-2735.	1.8	33
100	Infrared linear dichroism as a tool to evaluate volatile guest partition between amorphous and nanoporous crystalline polymer phases. Journal of Polymer Science, Part B: Polymer Physics, 2012, 50, 1474-1479.	2.4	7
101	Chemically Reduced Graphite Oxide with Improved Shape Anisotropy. Journal of Physical Chemistry C, 2012, 116, 24809-24813.	1.5	71
102	Monolithic nanoporous crystalline aerogels based on PPO. RSC Advances, 2012, 2, 12011.	1.7	40
103	Advanced materials based on polymer cocrystalline forms. Journal of Polymer Science, Part B: Polymer Physics, 2012, 50, 305-322.	2.4	108
104	Nanoporous Crystalline Phases of Poly(2,6-Dimethyl-1,4-phenylene)oxide. Chemistry of Materials, 2011, 23, 3195-3200.	3.2	81
105	Chiral Optical Films Based on Achiral Chromophore Guests. Journal of the American Chemical Society, 2011, 133, 9872-9877.	6.6	34
106	Special Issue on Co-Crystalline and Nanoporous-Crystalline Polymers. Soft Materials, 2011, 9, 105-106.	0.8	1
107	Two Different Uniplanar Axial Orientations of Syndiotactic Polystyrene Films. Macromolecules, 2011, 44, 5671-5681.	2.2	16
108	Aerogels and Polymorphism of Isotactic Poly(4-methyl-pentene-1). ACS Applied Materials & Interfaces, 2011, 3, 969-977.	4.0	49

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109	Ferroelectric co-crystalline polymers. Journal of Materials Chemistry, 2011, 21, 19074.	6.7	39
110	Polyethylene waxes by metallocenes. Polymers for Advanced Technologies, 2011, 22, 458-462.	1.6	16
111	Semicrystalline proton-conductive membranes with sulfonated amorphous phases. International Journal of Hydrogen Energy, 2011, 36, 8038-8044.	3.8	11
112	Polymer Nanoporous and Co-crystalline Phases. Materials Research Society Symposia Proceedings, 2011, 1366, 1.	0.1	0
113	Induced vibrational circular dichroism and polymorphism of syndiotactic polystyrene. Chirality, 2010, 22, E67-73.	1.3	26
114	Crystallization from the amorphous form of the nanoporous β form of syndiotactic polystyrene. Polymer, 2010, 51, 4599-4605.	1.8	10
115	Control of organoclay structure in hydrocarbon polymers. Polymers for Advanced Technologies, 2010, 21, 679-684.	1.6	21
116	Characterization of Semicrystalline Polymeric Materials by Atomistic Models. , 2010, , .		0
117	Structure and Sorption Properties of Syndiotactic Polystyrene Aerogels. ACS Symposium Series, 2010, , 131-147.	0.5	3
118	Monoclinic and Triclinic β -Clathrates of Syndiotactic Polystyrene. Macromolecules, 2010, 43, 8549-8558.	2.2	78
119	Channel Clathrate of Syndiotactic Polystyrene with <i>p</i> -nitroaniline. Macromolecules, 2010, 43, 1455-1466.	2.2	80
120	Chiro-optical Materials Based on a Racemic Polymer. Macromolecules, 2010, 43, 1882-1887.	2.2	23
121	Intercalate Co-Crystals of Syndiotactic Polystyrene with Benzyl methacrylate and Radiation-Induced Guest Polymerization. Macromolecules, 2010, 43, 10560-10567.	2.2	10
122	Hydrogen Adsorption by β and μ Crystalline Phases of Syndiotactic Polystyrene Aerogels. Macromolecules, 2010, 43, 8594-8601.	2.2	42
123	Three different co-crystalline phases of syndiotactic polystyrene with a nitroxide radical. CrystEngComm, 2010, 12, 3942.	1.3	33
124	Storage of hydrogen as a guest of a nanoporous polymeric crystalline phase. Physical Chemistry Chemical Physics, 2010, 12, 5369.	1.3	30
125	Molecular Sensing by Nanoporous Crystalline Polymers. Sensors, 2009, 9, 9816-9857.	2.1	75
126	Reinforcement of diene elastomers by organically modified layered silicates. E-Polymers, 2009, 9, .	1.3	2

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127	Negatively Birefringent Polymer Films. <i>Macromolecular Chemistry and Physics</i> , 2009, 210, 2148-2152.	1.1	11
128	Understanding at molecular level of nanoporous and co-crystalline materials based on syndiotactic polystyrene. <i>Progress in Materials Science</i> , 2009, 54, 68-88.	16.0	72
129	Formation of clay intercalates with organic bilayers in hydrocarbon polymers. <i>Polymers for Advanced Technologies</i> , 2009, 20, 135-142.	1.6	31
130	Polymorphism of syndiotactic poly(p-fluoro-styrene). <i>Polymer</i> , 2009, 50, 1901-1907.	1.8	12
131	Polymeric Films with Three Different Orientations of Crystalline-Phase Empty Channels. <i>Chemistry of Materials</i> , 2009, 21, 3370-3375.	3.2	57
132	Geometry of Complex Molecular Motions of Guest Molecules in Polymers from Solid State ² H NMR. <i>Macromolecules</i> , 2009, 42, 4929-4931.	2.2	31
133	Syndiotactic Polystyrene Films with Sulfonated Amorphous Phase and Nanoporous Crystalline Phase. <i>Chemistry of Materials</i> , 2009, 21, 3191-3196.	3.2	38
134	Nanoporous Crystalline and Cross-Linked Polymeric Materials. <i>Macromolecules</i> , 2009, 42, 5566-5571.	2.2	6
135	Ordering Magnetic Molecules within Nanoporous Crystalline Polymers. <i>Chemistry of Materials</i> , 2009, 21, 4750-4752.	3.2	69
136	Syndiotactic Polystyrene Aerogels with $\hat{\nu}^2$, $\hat{\nu}^3$, and $\hat{\nu}^{\mu}$ Crystalline Phases. <i>Chemistry of Materials</i> , 2009, 21, 1028-1034.	3.2	94
137	Dipolar guest orientation in polymer co-crystals and macroscopic films. <i>CrystEngComm</i> , 2009, 11, 2381.	1.3	39
138	Normal Vibrational Analysis of the Syndiotactic Polystyrene s(2/1)2 Helix. <i>Journal of Physical Chemistry B</i> , 2009, 113, 5059-5071.	1.2	78
139	Chloroform sorption in nanoporous crystalline and amorphous phases of syndiotactic polystyrene. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2008, 46, 8-15.	2.4	31
140	Processing, thermal stability and morphology of chiral sensing syndiotactic polystyrene films. <i>Journal of Materials Chemistry</i> , 2008, 18, 567-572.	6.7	41
141	Syndiotactic Polystyrene Aerogels: Adsorption in Amorphous Pores and Absorption in Crystalline Nanocavities. <i>Chemistry of Materials</i> , 2008, 20, 577-582.	3.2	96
142	Ethylene removal by sorption from polymeric crystalline frameworks. <i>Journal of Materials Chemistry</i> , 2008, 18, 1046.	6.7	48
143	Layers of Close-Packed Alternated Enantiomorphous Helices and the Three Different Uniplanar Orientations of Syndiotactic Polystyrene. <i>Macromolecules</i> , 2008, 41, 8632-8642.	2.2	47
144	Nanoporous Polymer Crystals with Cavities and Channels. <i>Chemistry of Materials</i> , 2008, 20, 3663-3668.	3.2	153

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145	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> , 2008, 41, 9156-9164.	2.2	62
146	Guest-Induced Syndiotactic Polystyrene Cocystal Formation from $\hat{\beta}$ and $\hat{\pm}$ Phases. <i>Macromolecules</i> , 2008, 41, 2683-2688.	2.2	25
147	Influence of Supercritical Carbon Dioxide Extraction Temperature on the Crystalline Structure and the Morphology of Syndiotactic Polystyrene Aerogels. <i>Macromolecular Symposia</i> , 2008, 273, 135-138.	0.4	2
148	Influence of Tacticity of Propylene Placement on Structure and Properties of Ethylene/Propylene Copolymers. , 2007, , 313-341.		2
149	New Host Polymeric Framework and Related Polar Guest Cocystals. <i>Chemistry of Materials</i> , 2007, 19, 3864-3866.	3.2	102
150	Uniplanar Orientations as a Tool To Assign Vibrational Modes of Polymer Chain. <i>Macromolecules</i> , 2007, 40, 3895-3897.	2.2	33
151	Photoisomerization patterns based on molecular complex phases of syndiotactic polystyrene. <i>Journal of Materials Chemistry</i> , 2007, 17, 531-535.	6.7	59
152	Normal Vibrational Analysis of a trans-Planar Syndiotactic Polystyrene Chain. <i>Journal of Physical Chemistry B</i> , 2007, 111, 6327-6335.	1.2	47
153	Detection and Memory of Nonracemic Molecules by a Racemic Host Polymer Film. <i>Journal of the American Chemical Society</i> , 2007, 129, 10992-10993.	6.6	101
154	Clay Delamination in Hydrocarbon Rubbers. <i>Chemistry of Materials</i> , 2007, 19, 2495-2499.	3.2	56
155	Fluorescence of Syndiotactic Polystyrene/Trimethylbenzene Clathrate and Intercalate Co-Crystals. <i>Chemistry of Materials</i> , 2007, 19, 6041-6046.	3.2	78
156	Thermal Transitions of $\hat{\mu}$ Crystalline Phases of Syndiotactic Polystyrene. <i>Macromolecules</i> , 2007, 40, 9470-9474.	2.2	76
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