Aurora Nogales

List of Publications by Year
in descending order

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146 papers	4,931 citations	109321 35 h-index	114465 63 g-index
149 all docs	149 docs citations	149 times ranked	4570 citing authors

#	Article	IF	Citations
1	Probing structure development in Poly(vinylidene Fluoride) during â€œoperandoâ€•3-D printing by small and wide angle X-ray scattering. Polymer, 2022, 249, 124827.	3.8	9
2	Photophysical and structural modulation of poly(3-hexylthiophene) nanoparticles via surfactant-polymer interaction. Polymer, 2021, 218, 123515.	3.8	8
3	Preparation, Physical Properties, and Applications of Water-Based Functional Polymer Inks. Polymers, 2021, 13, 1419.	4.5	4
4	Straightforward Patterning of Functional Polymers by Sequential Nanosecond Pulsed Laser Irradiation. Nanomaterials, 2021, 11, 1123.	4.1	7
5	Photoinduced Resist-free Imprinting (PRI) in fullerene thin films as revealed by Grazing Incidence Small-angle X-ray scattering. Applied Surface Science, 2021, 548, 149254.	6.1	0
6	Nanostructural organization of thin films prepared by sequential dip-coating deposition of poly(butylene succinate), poly(Îµ-caprolactone) and their copolyesters (PBS-ran-PCL). Polymer, 2021, 226, 123812.	3.8	6
7	Gold/ultraâ€high molecular weight polyethylene nanocomposites for electrical energy storage: Enhanced recovery efficiency upon uniaxial deformation. Journal of Applied Polymer Science, 2021, 138, 51232.	2.6	6
8	Relaxation behaviour and free volume of bio-based Poly(trimethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 Td (terephthalate)-bloc Annihilation Lifetime Spectroscopies. Polymer, 2021, 229, 123949.	3.8	7
9	Polyethylene three-dimensional nano-networks: How lateral chains affect metamaterial formation. Polymer, 2021, 212, 123145.	3.8	7
10	Order and Dielectric Relaxation During Polymer Crystallization. Advances in Dielectrics, 2020, , 195-220.	1.2	0
11	Self-assembly of block copolymers under non-isothermal annealing conditions as revealed by grazing-incidence small-angle X-ray scattering. Journal of Synchrotron Radiation, 2020, 27, 1278-1288.	2.4	5
12	Laser nanostructuring of thin films of PEDOT:PSS on ITO: Morphology, molecular structure and electrical properties. Applied Surface Science, 2020, 509, 145350.	6.1	8
13	Dielectric spectroscopy of novel bio-based aliphatic-aromatic block copolymers: Poly(butylene) Tj ETQq1 1 0.784314 rgBT /Overlock 1	1.6	12
14	Morphology and Ferroelectric Properties of Semiconducting/Ferroelectric Polymer Bilayers. Macromolecules, 2019, 52, 7396-7402.	4.8	12
15	Functional nanostructured surfaces induced by laser on fullerene thin films. Applied Surface Science, 2019, 476, 668-675.	6.1	7
16	Self-assembly morphology of block copolymers in sub-10 nm topographical guiding patterns. Molecular Systems Design and Engineering, 2019, 4, 175-185.	3.4	11
17	Synergistic Effect of Fullerenes on the Laser-Induced Periodic Surface Structuring of Poly(3-Hexyl) Tj ETQq1 1 0.784314 rgBT /Overloc	4.5	5
18	Quantitative assessment by local probe methods of the mechanical and electrical properties of inkjet-printed PEDOT:PSS thin films over Indium Tin Oxide substrates. Organic Electronics, 2019, 70, 258-263.	2.6	8

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19	Laser-Induced Periodic Surface Structures (LIPSS) on Polymer Surfaces. , 2019, , 143-155.		0
20	Structure Development in Polymers during Fused Filament Fabrication (FFF): An in Situ Small- and Wide-Angle X-ray Scattering Study Using Synchrotron Radiation. Macromolecules, 2019, 52, 9715-9723.	4.8	45
21	Effect of the polymer architecture on the photoinduction of stable chiral organizations. Polymer, 2018, 143, 58-68.	3.8	6
22	On the Effect of Confinement on the Structure and Properties of Smallâ€Molecular Organic Semiconductors. Advanced Electronic Materials, 2018, 4, 1700308.	5.1	19
23	Effect of chemical structure on the subglass relaxation dynamics of biobased polyesters as revealed by dielectric spectroscopy: 2,5-furandicarboxylic acid vs. trans-1,4-cyclohexanedicarboxylic acid. Physical Chemistry Chemical Physics, 2018, 20, 15696-15706.	2.8	49
24	Formation of polymer nanoparticles by UV pulsed laser ablation of poly (bisphenol A carbonate) in liquid environment. Applied Surface Science, 2017, 418, 522-529.	6.1	11
25	Wrinkling and Folding on Patched Elastic Surfaces: Modulation of the Chemistry and Pattern Size of Microwrinkled Surfaces. ACS Applied Materials & Interfaces, 2017, 9, 20188-20195.	8.0	14
26	Relaxations and Relaxor-Ferroelectric-Like Response of Nanotubularly Confined Poly(vinylidene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 46	6.7	23
27	Quantitative Nanomechanical Properties of Multilayer Films Made of Polysaccharides through Spray Assisted Layer-by-Layer Assembly. Biomacromolecules, 2017, 18, 169-177.	5.4	24
28	Laser induced periodic surface structures on polymer nanocomposites with carbon nanoadditives. Applied Physics A: Materials Science and Processing, 2017, 123, 1.	2.3	8
29	Influence of substrate and film thickness on polymer LIPSS formation. Applied Surface Science, 2017, 394, 125-131.	6.1	39
30	Structural Determinants of the Dictyostatin Chemotype for Tubulin Binding Affinity and Antitumor Activity Against Taxane- and Epothilone-Resistant Cancer Cells. ACS Omega, 2016, 1, 1192-1204.	3.5	22
31	X Ray Photon Correlation Spectroscopy for the study of polymer dynamics. European Polymer Journal, 2016, 81, 494-504.	5.4	35
32	Complex System Assembly Underlies a Two-Tiered Model of Highly Delocalized Electrons. Journal of Physical Chemistry Letters, 2016, 7, 1859-1864.	4.6	10
33	Crystallization in Nanoparticles. , 2016, , 163-180.		0
34	Light-Responsive Self-Assembled Materials by Supramolecular Post-Functionalization via Hydrogen Bonding of Amphiphilic Block Copolymers. Macromolecules, 2016, 49, 7825-7836.	4.8	49
35	Crystallization in Nanocomposites. , 2016, , 69-100.		0
36	Controlling Morphology Using Low Molar Mass Nucleators. , 2016, , 145-161.		3

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37	Laser-Induced Periodic Surface Structures on P3HT and on Its Photovoltaic Blend with PC₇₁BM. ACS Applied Materials & Interfaces, 2016, 8, 31894-31901.	8.0	34
38	Modification of poly(dimethylsiloxane) as a basis for surface wrinkle formation: Chemical and mechanical characterization. Polymer, 2016, 98, 327-335.	3.8	20
39	Confinement effects on the crystalline features of poly(9,9-dioctylfluorene). European Polymer Journal, 2016, 81, 650-660.	5.4	13
40	Relaxation and Conductivity in P3HT/PC₇₁BM Blends As Revealed by Dielectric Spectroscopy. Macromolecules, 2016, 49, 2709-2717.	4.8	22
41	Self-assembly of thermo and light responsive amphiphilic linear dendritic block copolymers. European Polymer Journal, 2016, 81, 621-633.	5.4	21
42	Deswelling of Poly(N-isopropylacrylamide) Derived Hydrogels and Their Nanocomposites with Iron Oxide Nanoparticles As Revealed by X-ray Photon Correlation Spectroscopy. Macromolecules, 2015, 48, 393-399.	4.8	18
43	Are polymers glassier upon confinement?. Soft Matter, 2015, 11, 6179-6186.	2.7	26
44	Laser Fabrication of Polymer Ferroelectric Nanostructures for Nonvolatile Organic Memory Devices. ACS Applied Materials & Interfaces, 2015, 7, 19611-19618.	8.0	31
45	Relaxation processes in a lower disorder order transition diblock copolymer. Journal of Chemical Physics, 2015, 142, 064904.	3.0	7
46	Enhancement of thermoelectric efficiency of doped PCDTBT polymer films. RSC Advances, 2015, 5, 66687-66694.	3.6	27
47	Ferroelectricity and molecular dynamics of poly(vinylidenefluoride-trifluoroethylene) nanoparticles. Polymer, 2015, 56, 428-434.	3.8	8
48	Non-equilibrium Structure Affects Ferroelectric Behavior of Confined Polymers. Soft and Biological Matter, 2015, , 189-206.	0.3	1
49	Changes in mobility of plastic crystal ethanol during its transformation into the monoclinic crystal state. Journal of Chemical Physics, 2014, 140, 054510.	3.0	2
50	Does the Glass Transition of Polymers Change Upon 3D Confinement?. Macromolecular Chemistry and Physics, 2014, 215, 1620-1624.	2.2	15
51	Slow dynamics of nanocomposite polymer aerogels as revealed by X-ray photocorrelation spectroscopy (XPCS). Journal of Chemical Physics, 2014, 140, 024909.	3.0	20
52	Taxanes with high potency inducing tubulin assembly overcome tumoural cell resistances. Bioorganic and Medicinal Chemistry, 2014, 22, 5078-5090.	3.0	35
53	Crystallization of Poly(<scp>l</scp>-lactide) Confined in Ultrathin Films: Competition between Finite Size Effects and Irreversible Chain Adsorption. Macromolecules, 2014, 47, 2354-2360.	4.8	76
54	Characterization of Network Structure and Chain Dynamics of Elastomeric Ionomers by Means of ¹H Low-Field NMR. Macromolecules, 2014, 47, 5655-5667.	4.8	86

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55	Micro- and Submicrostructuring Thin Polymer Films with Two and Three-Beam Single Pulse Laser Interference Lithography. Langmuir, 2014, 30, 8973-8979.	3.5	19
56	Quantitative mapping of mechanical properties in polylactic acid/natural rubber/organoclay bionanocomposites as revealed by nanoindentation with atomic force microscopy. Composites Science and Technology, 2014, 104, 34-39.	7.8	43
57	Relaxation dynamics and cold crystallization of poly(pentamethylene terephthalate) as revealed by dielectric spectroscopy. Polymer, 2014, 55, 1552-1559.	3.8	18
58	Poly(3-hexylthiophene) nanowires in porous alumina: internal structure under confinement. Soft Matter, 2014, 10, 3335.	2.7	38
59	Confined dynamics in poly(ethylene terephthalate): a coherent and incoherent neutron scattering study. Journal of Physics: Conference Series, 2014, 549, 012011.	0.4	2
60	Directional Crystallization of 20 nm Width Polymer Nanorods by the Inducement of Heterogeneous Nuclei at Their Tips. Macromolecules, 2013, 46, 7415-7422.	4.8	28
61	Nanostructuring Thin Polymer Films with Optical Near Fields. ACS Applied Materials & Interfaces, 2013, 5, 11402-11408.	8.0	14
62	Localized translational motions in semicrystalline poly(ethylene terephthalate) studied by incoherent quasielastic neutron scattering. European Physical Journal E, 2013, 36, 24.	1.6	5
63	Dielectric relaxation of poly (trimethylene terephthalate) in a broad range of crystallinity. Polymer, 2013, 54, 5892-5898.	3.8	15
64	Structure and Segmental Dynamics Relationship in Natural Rubber/Layered Silicate Nanocomposites during Uniaxial Deformation. Macromolecules, 2013, 46, 3176-3182.	4.8	16
65	Chain Arrangement and Glass Transition Temperature Variations in Polymer Nanoparticles under 3D-Confinement. Macromolecules, 2013, 46, 4698-4705.	4.8	35
66	The Smecticâ€“Isotropic Transition of P3HT Determines the Formation of Nanowires or Nanotubes into Porous Templates. Macromolecules, 2013, 46, 1477-1483.	4.8	41
67	Improving information density in ferroelectric polymer films by using nanoimprinted gratings. Applied Physics Letters, 2013, 102, .	3.3	22
68	Deformation mechanisms in polylactic acid/natural rubber/organoclay bionanocomposites as revealed by synchrotron X-ray scattering. Soft Matter, 2012, 8, 8990.	2.7	51
69	Towards homogeneous dynamics in incompatible blends by selective transesterification. Soft Matter, 2012, 8, 6723.	2.7	2
70	Effect of Copolymerization in the Dynamics of Poly(trimethylene terephthalate). Macromolecules, 2012, 45, 180-188.	4.8	20
71	From hard to soft confinement in a symmetric block copolymer: local and segmental dynamics. Soft Matter, 2011, 7, 6477.	2.7	15
72	Homogeneous Dynamics within Inhomogeneous Environment in Semicrystalline Polymers. Macromolecules, 2011, 44, 8124-8128.	4.8	12

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73	Modulation of Microtubule Interprotofilament Interactions by Modified Taxanes. Biophysical Journal, 2011, 101, 2970-2980.	0.5	28
74	Effects of Strain-Induced Crystallization on the Segmental Dynamics of Vulcanized Natural Rubber. Macromolecules, 2011, 44, 6574-6580.	4.8	49
75	Gene vectors based on DOEPC/DOPE mixed cationic liposomes: a physicochemical study. Soft Matter, 2011, 7, 5991.	2.7	31
76	Structure of a spin-crossover Fe(II)â€“1,2,4-triazole polymer complex dispersed in an isotactic polystyrene matrix. European Polymer Journal, 2011, 47, 52-60.	5.4	38
77	Detection of Early Stage Precursor during Formation of Plastic Crystal Ethanol from the Supercooled Liquid State: A Simultaneous Dielectric Spectroscopy with Neutron Diffraction Study. Physical Review Letters, 2011, 107, 025502.	7.8	19
78	Preparation and characterization of nanocomposites based on COOH functionalized multi-walled carbon nanotubes and on poly(trimethylene terephthalate). EXPRESS Polymer Letters, 2011, 5, 977-995.	2.1	55
79	Effect of Lipid Composition on the Structure and Theoretical Phase Diagrams of DC-Chol/DOPE-DNA Lipoplexes. Biomacromolecules, 2010, 11, 3332-3340.	5.4	46
80	Synthesis and morphology of model PSâ€bâ€PDMS copolymers. Journal of Polymer Science Part A, 2010, 48, 3119-3127.	2.3	21
81	Three-dimensional Model of Human Platelet Integrin Î±IIbÎ²3 in Solution Obtained by Small Angle Neutron Scattering. Journal of Biological Chemistry, 2010, 285, 1023-1031.	3.4	23
82	Restricted dynamics in oriented semicrystalline polymers: Poly(vinilydene fluoride). Physical Review E, 2010, 82, 031802.	2.1	15
83	Interplay between amorphous and crystalline domains in semicrystalline polymers by simultaneous SAXS, WAXS and Dielectric Spectroscopy. IOP Conference Series: Materials Science and Engineering, 2010, 14, 012011.	0.6	1
84	Influence of Fragility on Polymer Cold Crystallization. Macromolecules, 2010, 43, 29-32.	4.8	30
85	Cold Crystallization of Poly(trimethylene terephthalate) As Revealed by Simultaneous WAXS, SAXS, and Dielectric Spectroscopy. Macromolecules, 2010, 43, 671-679.	4.8	70
86	Structure and Morphology of Thin Films of Linear Aliphatic Polyesters Prepared by Spin-Coating. Langmuir, 2010, 26, 10731-10737.	3.5	30
87	Structure and viscoelastic properties of hybrid ferrogels with iron oxide nanoparticles synthesized in situ. Soft Matter, 2010, 6, 3910.	2.7	29
88	Influence of preparation procedure on the conductivity and transparency of SWCNT-polymer nanocomposites. Composites Science and Technology, 2009, 69, 1867-1872.	7.8	65
89	Segmental Dynamics of Semicrystalline Poly(vinylidene fluoride) Nanorods. Macromolecules, 2009, 42, 5395-5401.	4.8	88
90	Structural Organization of Iron Oxide Nanoparticles Synthesized Inside Hybrid Polymer Gels Derived from Alginate Studied with Small-Angle X-ray Scattering. Langmuir, 2009, 25, 13212-13218.	3.5	33

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91	Shear Effect on Crystallizing Single Wall Carbon Nanotube/Poly(butylene terephthalate) Nanocomposites. Macromolecules, 2009, 42, 4374-4376.	4.8	20
92	Broad-Band Electrical Conductivity of High Density Polyethylene Nanocomposites with Carbon Nanoadditives: Multiwall Carbon Nanotubes and Carbon Nanofibers. Macromolecules, 2008, 41, 7090-7097.	4.8	100
93	Origin of the Subglass Dynamics in Aromatic Polyesters by Labeling the Dielectric Relaxation with Ethero Atoms. Macromolecules, 2008, 41, 2651-2655.	4.8	11
94	Influence of Shear on the Templated Crystallization of Poly(butylene terephthalate)/Single Wall Carbon Nanotube Nanocomposites. Macromolecules, 2008, 41, 844-851.	4.8	74
95	Order and Segmental Mobility in Crystallizing Polymers. , 2007, , 435-456.		2
96	Complex nature of the Î² relaxation and fragility in aromatic polyesters. Journal of Non-Crystalline Solids, 2007, 353, 3989-3995.	3.1	8
97	Stacking of Main Chain-Crown Ether Polymers in Thin Films. Langmuir, 2007, 23, 12677-12681.	3.5	22
98	Characterization of the Layered Structure in Main Chain Dibenzo-18-crown-6 Ether Polymers by Simultaneous WAXS/MAXSâ^'SAXS/DSC Measurements. Macromolecules, 2007, 40, 3355-3360.	4.8	3
99	Evidence of Early Stage Precursors of Polymer Crystals by Dielectric Spectroscopy. Physical Review Letters, 2007, 98, 037801.	7.8	73
100	X-ray microdiffraction and micro-Raman study on an injection moulding SWCNT-polymer nanocomposite. Composites Science and Technology, 2007, 67, 798-805.	7.8	24
101	The Î² relaxation as a probe to follow real-time polymer crystallization in model aliphatic polyesters. Polymer, 2007, 48, 4742-4750.	3.8	29
102	Molecular dynamics in PVDF/PVA blends as revealed by dielectric loss spectroscopy. Journal of Polymer Science, Part B: Polymer Physics, 2007, 45, 1653-1661.	2.1	38
103	Deformation behaviour during cold drawing of nanocomposites based on single wall carbon nanotubes and poly(ether ester) copolymers. Polymer, 2007, 48, 3286-3293.	3.8	28
104	Film-Forming Polymers Containing in the Main-Chain Dibenzo Crown Ethers with Aliphatic (C10â^'C16), Aliphaticâ^'Aromatic, or Oxyindole Spacers. Macromolecules, 2006, 39, 4696-4703.	4.8	26
105	On the role of the Î² process as precursor of the Î± relaxation in aromatic polyesters. Journal of Non-Crystalline Solids, 2006, 352, 4649-4655.	3.1	32
106	Small-angle X-ray scattering of single-wall carbon nanotubes dispersed in molten poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 14	7.8	30
107	Molecular dynamics of poly(butylene tert-butyl isophthalate) and its copolymers with poly(butylene) Tj ETQq1 1 0.784314 rgBT /Over	3.8	6
108	Templating of crystallization and shear-induced self-assembly of single-wall carbon nanotubes in a polymer-nanocomposite. Polymer, 2006, 47, 341-345.	3.8	45

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109	Order and segmental mobility during polymer crystallization: Poly(butylene isophthalate). Polymer, 2006, 47, 1281-1290.	3.8	57
110	Versatile wide angle diffraction setup for simultaneous wide and small angle x-ray scattering measurements with synchrotron radiation. Review of Scientific Instruments, 2006, 77, 033904.	1.3	24
111	Confined crystallization in phase-separated poly(ethylene terephthalate)/poly(ethylene naphthalene) Tj ETQq1 1 0.784314 rgBT /Over	1.6	9
112	Molecular dynamics in crystalline acetone studied by dielectric spectroscopy and neutron diffraction. Physica B: Condensed Matter, 2005, 370, 22-28.	2.7	5
113	Development of highly oriented polymer crystals from row assemblies. Polymer, 2005, 46, 5615-5620.	3.8	23
114	Experimental setup for simultaneous measurements of neutron diffraction and dielectric spectroscopy during crystallization of liquids. Review of Scientific Instruments, 2005, 76, 043901.	1.3	14
115	Cooperativity of the$\hat{I}^2$-relaxations in aromatic polymers. Physical Review E, 2004, 70, 021502.	2.1	24
116	Hydrogen-Bond Network Breakage as a First Step to Isopropanol Crystallization. Physical Review Letters, 2004, 93, .	7.8	29
117	Structure-dynamics relationship in crystallizing poly(ethylene terephthalate) as revealed by time-resolved X-ray and dielectric methods. Polymer, 2004, 45, 3953-3959.	3.8	119
118	Shear Cell for In Situ WAXS, SAXS, and SANS Experiments on Polymer Melts Under Flow Fields. Journal of Macromolecular Science - Physics, 2004, 43, 1161-1170.	1.0	20
119	Low Percolation Threshold in Nanocomposites Based on Oxidized Single Wall Carbon Nanotubes and Poly(butylene terephthalate). Macromolecules, 2004, 37, 7669-7672.	4.8	191
120	The Effect of Transreactions on the Structure and Dynamic Mechanical Properties of 1:1 Poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 T Macromolecular Materials and Engineering, 2003, 288, 778-788.	3.6	18
121	Directed Crystallisation of Synthetic Polymers by Low-Molar-Mass Self-Assembled Templates. Macromolecular Rapid Communications, 2003, 24, 496-502.	3.9	27
122	Cold crystallization of poly(ethylene naphthalene-2,6-dicarboxylate) by simultaneous measurements of X-ray scattering and dielectric spectroscopy. Polymer, 2003, 44, 1045-1049.	3.8	25
123	In-Situ Simultaneous Small- and Wide-Angle X-ray Scattering Study of Poly(ether ester) during Cold Drawing. Macromolecules, 2003, 36, 4827-4832.	4.8	34
124	Anisotropic Crystallization in Polypropylene Induced by Deformation of a Nucleating Agent Network. Macromolecules, 2003, 36, 4898-4906.	4.8	86
125	Probing Crystallization Studying Amorphous Phase Evolution. Lecture Notes in Physics, 2003, , 275-296.	0.7	2
126	Simultaneous crystalline-amorphous phase evolution during crystallization of polymer systems. Europhysics Letters, 2002, 59, 417-422.	2.0	25

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127	Study on the ?- and ?-Relaxations and Their Relations in Poly(5-Acryloxymethyl-5-Ethyl-1,3-Dioxacyclohexane) (PAMED). Physica Status Solidi A, 2002, 193, 357-366.	1.7	2
128	Relaxation behavior of poly(ethylene terephthalate)/poly(ethylene naphthalene 2,6-dicarboxylate) blends prepared by cryogenic blending. Journal of Polymer Science, Part B: Polymer Physics, 2002, 40, 2570-2578.	2.1	11
129	Structure Development during Shear Flow Induced Crystallization of i-PP:Â In Situ Wide-Angle X-ray Diffraction Study. Macromolecules, 2001, 34, 5902-5909.	4.8	385
130	On the Relationship between Crystalline Structure and Amorphous Phase Dynamics during Isothermal Crystallization of Bacterial Poly(3-hydroxybutyrate-co-3-hydroxyvalerate) Copolymers. Biomacromolecules, 2001, 2, 581-587.	5.4	21
131	Shear-induced crystallization of isotactic polypropylene with different molecular weight distributions: in situ small- and wide-angle X-ray scattering studies. Polymer, 2001, 42, 5247-5256.	3.8	274
132	Induction time for cold crystallization in semi-rigid polymers: PEN and PEEK. Polymer, 2001, 42, 5711-5715.	3.8	26
133	Probing multiple melting behaviors in poly(ethylene naphthalene 2,6-dicarboxylate) with different thermal histories by simultaneous wide-angle and small-angle X-ray scattering. Journal of Polymer Science, Part B: Polymer Physics, 2001, 39, 881-894.	2.1	12
134	Molecular dynamics and microstructure development during cold crystallization in poly(ether-ether-ketone) as revealed by real time dielectric and x-ray methods. Journal of Chemical Physics, 2001, 115, 3804-3813.	3.0	59
135	On the origin of the multiple melting behavior in poly(ethylene naphthalene-2,6-dicarboxylate): Microstructural study as revealed by differential scanning calorimetry and X-ray scattering. Journal of Polymer Science, Part B: Polymer Physics, 2000, 38, 1167-1182.	2.1	46
136	Simultaneous measurements of small angle x-ray scattering, wide angle x-ray scattering, and dielectric spectroscopy during crystallization of polymers. Review of Scientific Instruments, 2000, 71, 1733-1736.	1.3	25
137	Relaxation time distribution from time and frequency domain dielectric spectroscopy in poly(aryl) Tj ETQq1 1 0.784314 rgBT /Overloc	3.0	17
138	Influence of the Crystalline Structure in the Segmental Mobility of Semicrystalline Polymers:â€‰ Poly(ethylene naphthalene-2,6-dicarboxylate). Macromolecules, 2000, 33, 9367-9375.	4.8	71
139	Structure Development during Shear Flow-Induced Crystallization of i-PP:â€‰ In-Situ Small-Angle X-ray Scattering Study. Macromolecules, 2000, 33, 9385-9394.	4.8	465
140	Structure-dynamics relationships of the ?-relaxation in flexible copolyesters during crystallization as revealed by real-time methods. Journal of Polymer Science, Part B: Polymer Physics, 1999, 37, 37-49.	2.1	42
141	Restricted Dynamics in Poly(ether ether ketone) As Revealed by Incoherent Quasielastic Neutron Scattering and Broad-Band Dielectric Spectroscopy. Macromolecules, 1999, 32, 2301-2308.	4.8	58
142	Cooperative motions in PVC studied by thermally stimulated currents: Comparison with A.C. dielectric derivative analysis. Journal of Polymer Science, Part B: Polymer Physics, 1998, 36, 913-918.	2.1	14
143	Influence of water on the dielectric behaviour of chitosan films. Colloid and Polymer Science, 1997, 275, 419-425.	2.1	42
144	Influence of Liquid Crystalline Order on the Dielectric Relaxation of Random Copolyesters of PET, PEN, and PHB. Macromolecules, 1996, 29, 5002-5009.	4.8	32

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145	A comparative dielectric study on the molecular dynamics of the liquid crystalline and the amorphous state of copolyesters. Macromolecular Rapid Communications, 1995, 16, 899-904.	3.9	6
146	Relaxation Dynamics of Biomass-Derived Copolymers With Promising Gas-Barrier Properties. Frontiers in Chemistry, 0, 10, .	3.6	2