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	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
2	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
3	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
4	Low Percolation Threshold in Nanocomposites Based on Oxidized Single Wall Carbon Nanotubes and Poly(butylene terephthalate). Macromolecules, 2004, 37, 7669-7672.	4.8	191
5	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
6	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
7	Segmental Dynamics of Semicrystalline Poly(vinylidene fluoride) Nanorods. Macromolecules, 2009, 42, 5395-5401.	4.8	88
8	Anisotropic Crystallization in Polypropylene Induced by Deformation of a Nucleating Agent Network. Macromolecules, 2003, 36, 4898-4906.	4.8	86
9	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
10	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
11	Influence of Shear on the Templated Crystallization of Poly(butylene terephthalate)/Single Wall Carbon Nanotube Nanocomposites. Macromolecules, 2008, 41, 844-851.	4.8	74
12	Evidence of Early Stage Precursors of Polymer Crystals by Dielectric Spectroscopy. Physical Review Letters, 2007, 98, 037801.	7.8	73
13	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
14	Cold Crystallization of Poly(trimethylene terephthalate) As Revealed by Simultaneous WAXS, SAXS, and Dielectric Spectroscopy. Macromolecules, 2010, 43, 671-679.	4.8	70
15	Influence of preparation procedure on the conductivity and transparency of SWCNT-polymer nanocomposites. Composites Science and Technology, 2009, 69, 1867-1872.	7.8	65
16	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
17	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
18	Order and segmental mobility during polymer crystallization: Poly(butylene isophthalate). Polymer, 2006, 47, 1281-1290.	3.8	57

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19	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
20	Deformation mechanisms in polylactic acid/natural rubber/organoclay bionanocomposites as revealed by synchrotron X-ray scattering. Soft Matter, 2012, 8, 8990.	2.7	51
21	Effects of Strain-Induced Crystallization on the Segmental Dynamics of Vulcanized Natural Rubber. Macromolecules, 2011, 44, 6574-6580.	4.8	49
22	Light-Responsive Self-Assembled Materials by Supramolecular Post-Functionalization via Hydrogen Bonding of Amphiphilic Block Copolymers. Macromolecules, 2016, 49, 7825-7836.	4.8	49
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	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
25	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
26	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
27	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
28	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
29	Influence of water on the dielectric behaviour of chitosan films. Colloid and Polymer Science, 1997, 275, 419-425.	2.1	42
30	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
31	The Smecticâ€“Isotropic Transition of P3HT Determines the Formation of Nanowires or Nanotubes into Porous Templates. Macromolecules, 2013, 46, 1477-1483.	4.8	41
32	Influence of substrate and film thickness on polymer LIPSS formation. Applied Surface Science, 2017, 394, 125-131.	6.1	39
33	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
34	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
35	Poly(3-hexylthiophene) nanowires in porous alumina: internal structure under confinement. Soft Matter, 2014, 10, 3335.	2.7	38
36	Chain Arrangement and Glass Transition Temperature Variations in Polymer Nanoparticles under 3D-Confinement. Macromolecules, 2013, 46, 4698-4705.	4.8	35

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37	Taxanes with high potency inducing tubulin assembly overcome tumoural cell resistances. Bioorganic and Medicinal Chemistry, 2014, 22, 5078-5090.	3.0	35
38	X Ray Photon Correlation Spectroscopy for the study of polymer dynamics. European Polymer Journal, 2016, 81, 494-504.	5.4	35
39	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
40	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
41	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
42	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
43	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
44	Gene vectors based on DOEPC/DOPE mixed cationic liposomes: a physicochemical study. Soft Matter, 2011, 7, 5991.	2.7	31
45	Laser Fabrication of Polymer Ferroelectric Nanostructures for Nonvolatile Organic Memory Devices. ACS Applied Materials & Interfaces, 2015, 7, 19611-19618.	8.0	31
46	Small-angle X-ray scattering of single-wall carbon nanotubes dispersed in molten poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38	7.8	30
47	Influence of Fragility on Polymer Cold Crystallization. Macromolecules, 2010, 43, 29-32.	4.8	30
48	Structure and Morphology of Thin Films of Linear Aliphatic Polyesters Prepared by Spin-Coating. Langmuir, 2010, 26, 10731-10737.	3.5	30
49	Hydrogen-Bond Network Breakage as a First Step to Isopropanol Crystallization. Physical Review Letters, 2004, 93, .	7.8	29
50	The Î² relaxation as a probe to follow real-time polymer crystallization in model aliphatic polyesters. Polymer, 2007, 48, 4742-4750.	3.8	29
51	Structure and viscoelastic properties of hybrid ferrogels with iron oxide nanoparticles synthesized in situ. Soft Matter, 2010, 6, 3910.	2.7	29
52	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
53	Modulation of Microtubule Interprotofilament Interactions by Modified Taxanes. Biophysical Journal, 2011, 101, 2970-2980.	0.5	28
54	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

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55	Directed Crystallisation of Synthetic Polymers by Low-Molar-Mass Self-Assembled Templates. Macromolecular Rapid Communications, 2003, 24, 496-502.	3.9	27
56	Enhancement of thermoelectric efficiency of doped PCDTBT polymer films. RSC Advances, 2015, 5, 66687-66694.	3.6	27
57	Induction time for cold crystallization in semi-rigid polymers: PEN and PEEK. Polymer, 2001, 42, 5711-5715.	3.8	26
58	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
59	Are polymers glassier upon confinement?. Soft Matter, 2015, 11, 6179-6186.	2.7	26
60	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
61	Simultaneous crystalline-amorphous phase evolution during crystallization of polymer systems. Europhysics Letters, 2002, 59, 417-422.	2.0	25
62	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
63	Cooperativity of theÎ²-relaxations in aromatic polymers. Physical Review E, 2004, 70, 021502.	2.1	24
64	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
65	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
66	Quantitative Nanomechanical Properties of Multilayer Films Made of Polysaccharides through Spray Assisted Layer-by-Layer Assembly. Biomacromolecules, 2017, 18, 169-177.	5.4	24
67	Development of highly oriented polymer crystals from row assemblies. Polymer, 2005, 46, 5615-5620.	3.8	23
68	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
69	Relaxations and Relaxor-Ferroelectric-Like Response of Nanotubularly Confined Poly(vinylidene) Tj ETQq1 1 0.784314 rgBT /Overlock	6.7	23
70	Stacking of Main Chain-Crown Ether Polymers in Thin Films. Langmuir, 2007, 23, 12677-12681.	3.5	22
71	Improving information density in ferroelectric polymer films by using nanoimprinted gratings. Applied Physics Letters, 2013, 102, .	3.3	22
72	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

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73	Relaxation and Conductivity in P3HT/PC₇₁BM Blends As Revealed by Dielectric Spectroscopy. Macromolecules, 2016, 49, 2709-2717.	4.8	22
74	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
75	Synthesis and morphology of model PSâ€bâ€PDMS copolymers. Journal of Polymer Science Part A, 2010, 48, 3119-3127.	2.3	21
76	Self-assembly of thermo and light responsive amphiphilic linear dendritic block copolymers. European Polymer Journal, 2016, 81, 621-633.	5.4	21
77	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
78	Shear Effect on Crystallizing Single Wall Carbon Nanotube/Poly(butylene terephthalate) Nanocomposites. Macromolecules, 2009, 42, 4374-4376.	4.8	20
79	Effect of Copolymerization in the Dynamics of Poly(trimethylene terephthalate). Macromolecules, 2012, 45, 180-188.	4.8	20
80	Slow dynamics of nanocomposite polymer aerogels as revealed by X-ray photocorrelation spectroscopy (XPCS). Journal of Chemical Physics, 2014, 140, 024909.	3.0	20
81	Modification of poly(dimethylsiloxane) as a basis for surface wrinkle formation: Chemical and mechanical characterization. Polymer, 2016, 98, 327-335.	3.8	20
82	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
83	Micro- and Submicrostructuring Thin Polymer Films with Two and Three-Beam Single Pulse Laser Interference Lithography. Langmuir, 2014, 30, 8973-8979.	3.5	19
84	On the Effect of Confinement on the Structure and Properties of Smallâ€Molecular Organic Semiconductors. Advanced Electronic Materials, 2018, 4, 1700308.	5.1	19
85	The Effect of Transreactions on the Structure and Dynamic Mechanical Properties of 1:1 Poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Ov Macromolecular Materials and Engineering, 2003, 288, 778-788.	3.6	18
86	Relaxation dynamics and cold crystallization of poly(pentamethylene terephthalate) as revealed by dielectric spectroscopy. Polymer, 2014, 55, 1552-1559.	3.8	18
87	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
88	Relaxation time distribution from time and frequency domain dielectric spectroscopy in poly(aryl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.0	17
89	Structure and Segmental Dynamics Relationship in Natural Rubber/Layered Silicate Nanocomposites during Uniaxial Deformation. Macromolecules, 2013, 46, 3176-3182.	4.8	16
90	Restricted dynamics in oriented semicrystalline polymers: Poly(vinilydene fluoride). Physical Review E, 2010, 82, 031802.	2.1	15

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91	From hard to soft confinement in a symmetric block copolymer: local and segmental dynamics. Soft Matter, 2011, 7, 6477.	2.7	15
92	Dielectric relaxation of poly (trimethylene terephthalate) in a broad range of crystallinity. Polymer, 2013, 54, 5892-5898.	3.8	15
93	Does the Glass Transition of Polymers Change Upon 3D Confinement?. Macromolecular Chemistry and Physics, 2014, 215, 1620-1624.	2.2	15
94	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
95	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
96	Nanostructuring Thin Polymer Films with Optical Near Fields. ACS Applied Materials & Interfaces, 2013, 5, 11402-11408.	8.0	14
97	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
98	Confinement effects on the crystalline features of poly(9,9-dioctylfluorene). European Polymer Journal, 2016, 81, 650-660.	5.4	13
99	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
100	Homogeneous Dynamics within Inhomogeneous Environment in Semicrystalline Polymers. Macromolecules, 2011, 44, 8124-8128.	4.8	12
101	Dielectric spectroscopy of novel bio-based aliphatic-aromatic block copolymers: Poly(butylene) Tj ETQq1 1 0.784314 rgBT /Overlock 1	1.6	12
102	Morphology and Ferroelectric Properties of Semiconducting/Ferroelectric Polymer Bilayers. Macromolecules, 2019, 52, 7396-7402.	4.8	12
103	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
104	Origin of the Subglass Dynamics in Aromatic Polyesters by Labeling the Dielectric Relaxation with Ethero Atoms. Macromolecules, 2008, 41, 2651-2655.	4.8	11
105	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
106	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
107	Complex System Assembly Underlies a Two-Tiered Model of Highly Delocalized Electrons. Journal of Physical Chemistry Letters, 2016, 7, 1859-1864.	4.6	10
108	Confined crystallization in phase-separated poly(ethylene terephthalate)/poly(ethylene naphthalene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	E6	9

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109	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
110	Complex nature of the Î² relaxation and fragility in aromatic polyesters. Journal of Non-Crystalline Solids, 2007, 353, 3989-3995.	3.1	8
111	Ferroelectricity and molecular dynamics of poly(vinylidenefluoride-trifluoroethylene) nanoparticles. Polymer, 2015, 56, 428-434.	3.8	8
112	Laser induced periodic surface structures on polymer nanocomposites with carbon nanoadditives. Applied Physics A: Materials Science and Processing, 2017, 123, 1.	2.3	8
113	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
114	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
115	Photophysical and structural modulation of poly(3-hexylthiophene) nanoparticles via surfactant-polymer interaction. Polymer, 2021, 218, 123515.	3.8	8
116	Relaxation processes in a lower disorder order transition diblock copolymer. Journal of Chemical Physics, 2015, 142, 064904.	3.0	7
117	Functional nanostructured surfaces induced by laser on fullerene thin films. Applied Surface Science, 2019, 476, 668-675.	6.1	7
118	Straightforward Patterning of Functional Polymers by Sequential Nanosecond Pulsed Laser Irradiation. Nanomaterials, 2021, 11, 1123.	4.1	7
119	Relaxation behaviour and free volume of bio-based Poly(trimethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 347 Td (terephth Annihilation Lifetime Spectroscopies. Polymer, 2021, 229, 123949.	3.8	7
120	Polyethylene three-dimensional nano-networks: How lateral chains affect metamaterial formation. Polymer, 2021, 212, 123145.	3.8	7
121	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
122	Molecular dynamics of poly(butylene tert-butyl isophthalate) and its copolymers with poly(butylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	3.8	6
123	Effect of the polymer architecture on the photoinduction of stable chiral organizations. Polymer, 2018, 143, 58-68.	3.8	6
124	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
125	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
126	Molecular dynamics in crystalline acetone studied by dielectric spectroscopy and neutron diffraction. Physica B: Condensed Matter, 2005, 370, 22-28.	2.7	5

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127	Localized translational motions in semicrystalline poly(ethylene terephthalate) studied by incoherent quasielastic neutron scattering. European Physical Journal E, 2013, 36, 24.	1.6	5
128	Synergistic Effect of Fullerenes on the Laser-Induced Periodic Surface Structuring of Poly(3-Hexyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	4.5	5
129	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
130	Preparation, Physical Properties, and Applications of Water-Based Functional Polymer Inks. Polymers, 2021, 13, 1419.	4.5	4
131	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
132	Controlling Morphology Using Low Molar Mass Nucleators. , 2016, , 145-161.		3
133	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
134	Order and Segmental Mobility in Crystallizing Polymers. , 2007, , 435-456.		2
135	Towards homogeneous dynamics in incompatible blends by selective transesterification. Soft Matter, 2012, 8, 6723.	2.7	2
136	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
137	Confined dynamics in poly(ethylene terephthalate): a coherent and incoherent neutron scattering study. Journal of Physics: Conference Series, 2014, 549, 012011.	0.4	2
138	Probing Crystallization Studying Amorphous Phase Evolution. Lecture Notes in Physics, 2003, , 275-296.	0.7	2
139	Relaxation Dynamics of Biomass-Derived Copolymers With Promising Gas-Barrier Properties. Frontiers in Chemistry, 0, 10, .	3.6	2
140	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
141	Non-equilibrium Structure Affects Ferroelectric Behavior of Confined Polymers. Soft and Biological Matter, 2015, , 189-206.	0.3	1
142	Crystallization in Nanoparticles. , 2016, , 163-180.		0
143	Crystallization in Nanocomposites. , 2016, , 69-100.		0
144	Laser-Induced Periodic Surface Structures (LIPSS) on Polymer Surfaces. , 2019, , 143-155.		0

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145	Order and Dielectric Relaxation During Polymer Crystallization. Advances in Dielectrics, 2020, , 195-220.	1.2	0
146	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