

# Tiberio A. Ezquerra

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

255  
papers

7,228  
citations

45  
h-index

72  
g-index

261  
ext. papers

7,842  
ext. citations

4.3  
avg, IF

5.62  
L-index

#	Paper	IF	Citations
255	Probing structure development in Poly(vinylidene Fluoride) during $\beta$ -irradiation printing by small and wide angle X-ray scattering. <i>Polymer</i> , <b>2022</b> , 249, 124827	3.9	0
254	Photophysical and structural modulation of poly(3-hexylthiophene) nanoparticles via surfactant-polymer interaction. <i>Polymer</i> , <b>2021</b> , 218, 123515	3.9	1
253	Thin polymer films based on poly(vinyl alcohol) containing graphene oxide and reduced graphene oxide with functional properties. <i>Polymer Engineering and Science</i> , <b>2021</b> , 61, 1685-1694	2.3	1
252	Photoinduced Resist-free Imprinting (PRI) in fullerene thin films as revealed by Grazing Incidence Small-angle X-ray scattering. <i>Applied Surface Science</i> , <b>2021</b> , 548, 149254	6.7	
251	Nanostructural organization of thin films prepared by sequential dip-coating deposition of poly(butylene succinate), poly( $\epsilon$ -caprolactone) and their copolyesters (PBS-ran-PCL). <i>Polymer</i> , <b>2021</b> , 226, 123812	3.9	3
250	Gold/ultra-high molecular weight polyethylene nanocomposites for electrical energy storage: Enhanced recovery efficiency upon uniaxial deformation. <i>Journal of Applied Polymer Science</i> , <b>2021</b> , 138, 51232	2.9	4
249	Relaxation behaviour and free volume of bio-based Poly(trimethylene terephthalate)-block-poly(caprolactone) copolymers as revealed by Broadband Dielectric and Positron Annihilation Lifetime Spectroscopies. <i>Polymer</i> , <b>2021</b> , 229, 123949	3.9	2
248	Additive Effect on the Structure of PEDOT:PSS Dispersions and Its Correlation with the Structure and Morphology of Thin Films.. <i>Polymers</i> , <b>2021</b> , 14,	4.5	2
247	Laser-Induced Periodic Surface Structuring of Poly(trimethylene terephthalate) Films Containing Tungsten Disulfide Nanotubes. <i>Polymers</i> , <b>2020</b> , 12,	4.5	3
246	Fully Biobased Superpolymers of 2,5-Furandicarboxylic Acid with Different Functional Properties: From Rigid to Flexible, High Performant Packaging Materials. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2020</b> , 8, 9558-9568	8.3	33
245	Laser nanostructuring of thin films of PEDOT:PSS on ITO: Morphology, molecular structure and electrical properties. <i>Applied Surface Science</i> , <b>2020</b> , 509, 145350	6.7	6
244	Order and Dielectric Relaxation During Polymer Crystallization. <i>Advances in Dielectrics</i> , <b>2020</b> , 195-220	0.6	
243	Self-assembly of block copolymers under non-isothermal annealing conditions as revealed by grazing-incidence small-angle X-ray scattering. <i>Journal of Synchrotron Radiation</i> , <b>2020</b> , 27, 1278-1288	2.4	3
242	Evidence of a 2D-Ordered Structure in Biobased Poly(pentamethylene furanoate) Responsible for Its Outstanding Barrier and Mechanical Properties. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 17863-17871	8.3	23
241	Dielectric spectroscopy of novel bio-based aliphatic-aromatic block copolymers: Poly(butylene terephthalate)-b-poly(lactic acid). <i>European Physical Journal E</i> , <b>2019</b> , 42, 107	1.5	7
240	Morphology and Ferroelectric Properties of Semiconducting/Ferroelectric Polymer Bilayers. <i>Macromolecules</i> , <b>2019</b> , 52, 7396-7402	5.5	7
239	Functional nanostructured surfaces induced by laser on fullerene thin films. <i>Applied Surface Science</i> , <b>2019</b> , 476, 668-675	6.7	6

238	Self-assembly morphology of block copolymers in sub-10 nm topographical guiding patterns. <i>Molecular Systems Design and Engineering</i> , <b>2019</b> , 4, 175-185	4.6	4
237	Synergistic Effect of Fullerenes on the Laser-Induced Periodic Surface Structuring of Poly(3-Hexyl Thiophene). <i>Polymers</i> , <b>2019</b> , 11,	4.5	4
236	Quantitative assessment by local probe methods of the mechanical and electrical properties of inkjet-printed PEDOT:PSS thin films over Indium Tin Oxide substrates. <i>Organic Electronics</i> , <b>2019</b> , 70, 258-263	3.5	5
235	Laterally-resolved mechanical and tribological properties of laser-structured polymer nanocomposites. <i>Polymer</i> , <b>2019</b> , 168, 178-184	3.9	5
234	Influence of hybrid system of nanofillers on the functional properties of postconsumer PET-GBased nanocomposites. <i>Polymers for Advanced Technologies</i> , <b>2019</b> , 30, 2983-2992	3.2	2
233	In-situ cure monitoring of epoxy/graphene nanocomposites by several spectroscopic techniques. <i>Polymer Testing</i> , <b>2019</b> , 80, 106114	4.5	5
232	Laser-Induced Periodic Surface Structures (LIPSS) on Polymer Surfaces <b>2019</b> , 143-155		
231	Functional Properties of Poly(Trimethylene Terephthalate)-Block-Poly(Caprolactone) Based Nanocomposites Containing Graphene Oxide (GO) and Reduced Graphene Oxide (rGO). <i>Nanomaterials</i> , <b>2019</b> , 9,	5.4	6
230	Structure Development in Polymers during Fused Filament Fabrication (FFF): An in Situ Small- and Wide-Angle X-ray Scattering Study Using Synchrotron Radiation. <i>Macromolecules</i> , <b>2019</b> , 52, 9715-9723	5.5	26
229	Confinement effects in one-dimensional nanoarrays of polymer semiconductors and their photovoltaic blends. <i>Polymer</i> , <b>2019</b> , 163, 13-19	3.9	2
228	Laser induced periodic surface structures formation by nanosecond laser irradiation of poly (ethylene terephthalate) reinforced with Expanded Graphite. <i>Applied Surface Science</i> , <b>2018</b> , 436, 1193-1199	6.7	9
227	Effect of the polymer architecture on the photoinduction of stable chiral organizations. <i>Polymer</i> , <b>2018</b> , 143, 58-68	3.9	6
226	Interfacial interactions in PTTBTMO/polyhedral oligomeric silsesquioxane (POSS) nanocomposites and their impact on mechanical, thermal, and dielectric properties. <i>Polymer Bulletin</i> , <b>2018</b> , 75, 4999-5014	2.4	6
225	Electrical and rheological characterization of poly(trimethylene terephthalate) hybrid nanocomposites filled with COOH functionalized MWCNT and graphene nanosheets. <i>Polymer Composites</i> , <b>2018</b> , 39, 2961-2968	3	9
224	Resonant soft x-ray scattering unravels the hierarchical morphology of nanostructured bulk heterojunction photovoltaic thin films. <i>Physical Review Materials</i> , <b>2018</b> , 2,	3.2	4
223	Patterning Conjugated Polymers by Laser: Synergy of Nanostructure Formation in the All-Polymer Heterojunction P3HT/PCDTBT. <i>Langmuir</i> , <b>2018</b> , 34, 115-125	4	11
222	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. <i>Physical Chemistry Chemical Physics</i> , <b>2018</b> , 20, 15696-15706	3.6	35
221	Unveiling the Far Infrared-to-Ultraviolet Optical Properties of Bismuth for Applications in Plasmonics and Nanophotonics. <i>Journal of Physical Chemistry C</i> , <b>2017</b> , 121, 3511-3521	3.8	41

220	Electrically and thermally conductive thin elastic polymer foils containing SiC nanofibers. <i>Composites Science and Technology</i> , <b>2017</b> , 146, 20-25	8.6	9
219	Formation of polymer nanoparticles by UV pulsed laser ablation of poly (bisphenol A carbonate) in liquid environment. <i>Applied Surface Science</i> , <b>2017</b> , 418, 522-529	6.7	7
218	Wrinkling and Folding on Patched Elastic Surfaces: Modulation of the Chemistry and Pattern Size of Microwrinkled Surfaces. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 20188-20195	9.5	11
217	Relaxations and Relaxor-Ferroelectric-Like Response of Nanotubularly Confined Poly(vinylidene fluoride). <i>Chemistry of Materials</i> , <b>2017</b> , 29, 3515-3525	9.6	22
216	Quantitative Nanomechanical Properties of Multilayer Films Made of Polysaccharides through Spray Assisted Layer-by-Layer Assembly. <i>Biomacromolecules</i> , <b>2017</b> , 18, 169-177	6.9	19
215	Laser induced periodic surface structures on polymer nanocomposites with carbon nanoadditives. <i>Applied Physics A: Materials Science and Processing</i> , <b>2017</b> , 123, 1	2.6	6
214	Influence of substrate and film thickness on polymer LIPSS formation. <i>Applied Surface Science</i> , <b>2017</b> , 394, 125-131	6.7	22
213	Comparative study on the properties of poly(trimethylene terephthalate) -based nanocomposites containing multi-walled carbon (MWCNT) and tungsten disulfide (INT-WS2) nanotubes. <i>Polymers for Advanced Technologies</i> , <b>2017</b> , 28, 645-657	3.2	6
212	Electrical conductivity and transparency of polymer hybrid nanocomposites based on poly(trimethylene terephthalate) containing single walled carbon nanotubes and expanded graphite. <i>Journal of Applied Polymer Science</i> , <b>2017</b> , 134,	2.9	19
211	Laser-Induced Periodic Surface Structures on P3HT and on Its Photovoltaic Blend with PCBM. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 31894-31901	9.5	25
210	Modification of poly(dimethylsiloxane) as a basis for surface wrinkle formation: Chemical and mechanical characterization. <i>Polymer</i> , <b>2016</b> , 98, 327-335	3.9	16
209	Relaxation and Conductivity in P3HT/PC71BM Blends As Revealed by Dielectric Spectroscopy. <i>Macromolecules</i> , <b>2016</b> , 49, 2709-2717	5.5	16
208	Self-assembly of thermo and light responsive amphiphilic linear dendritic block copolymers. <i>European Polymer Journal</i> , <b>2016</b> , 81, 621-633	5.2	16
207	One-Step In Situ Synthesis of Polyamide Microcapsules With Inorganic Payload and Their Transformation into Responsive Thermoplastic Composite Materials. <i>Macromolecular Materials and Engineering</i> , <b>2016</b> , 301, 119-124	3.9	22
206	Complex System Assembly Underlies a Two-Tiered Model of Highly Delocalized Electrons. <i>Journal of Physical Chemistry Letters</i> , <b>2016</b> , 7, 1859-64	6.4	10
205	Light-Responsive Self-Assembled Materials by Supramolecular Post-Functionalization via Hydrogen Bonding of Amphiphilic Block Copolymers. <i>Macromolecules</i> , <b>2016</b> , 49, 7825-7836	5.5	41
204	Fluence dependent electrical conductivity in aluminium thin films grown by infrared pulsed laser deposition. <i>Applied Surface Science</i> , <b>2016</b> , 387, 1188-1194	6.7	1
203	Deswelling of Poly(N-isopropylacrylamide) Derived Hydrogels and Their Nanocomposites with Iron Oxide Nanoparticles As Revealed by X-ray Photon Correlation Spectroscopy. <i>Macromolecules</i> , <b>2015</b> , 48, 393-399	5.5	17

202	The Importance of Interbands on the Interpretation of the Raman Spectrum of Graphene Oxide. <i>Journal of Physical Chemistry C</i> , <b>2015</b> , 119, 10123-10129	3.8	306
201	Influence of the vulcanization system on the dynamics and structure of natural rubber: Comparative study by means of broadband dielectric spectroscopy and solid-state NMR spectroscopy. <i>European Polymer Journal</i> , <b>2015</b> , 68, 90-103	5.2	33
200	In situ monitoring of laser-induced periodic surface structures formation on polymer films by grazing incidence small-angle X-ray scattering. <i>Langmuir</i> , <b>2015</b> , 31, 3973-81	4	23
199	Nanofabrication of tailored surface structures in dielectrics using temporally shaped femtosecond-laser pulses. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 6613-9	9.5	39
198	Competition between phase separation and structure confinement in P3HT/PCDTBT heterojunctions: Influence on nanoscale charge transport. <i>Polymer</i> , <b>2015</b> , 77, 70-78	3.9	10
197	Laser induced periodic surface structures on polymer films: From fundamentals to applications. <i>European Polymer Journal</i> , <b>2015</b> , 73, 162-174	5.2	91
196	Laser Fabrication of Polymer Ferroelectric Nanostructures for Nonvolatile Organic Memory Devices. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 19611-8	9.5	21
195	Relaxation processes in a lower disorder order transition diblock copolymer. <i>Journal of Chemical Physics</i> , <b>2015</b> , 142, 064904	3.9	7
194	Synergetic effect of single-walled carbon nanotubes (SWCNT) and graphene nanoplatelets (GNP) in electrically conductive PTT-block-PTMO hybrid nanocomposites prepared by in situ polymerization. <i>Composites Science and Technology</i> , <b>2015</b> , 118, 72-77	8.6	46
193	Ferroelectricity and molecular dynamics of poly(vinylidene fluoride-trifluoroethylene) nanoparticles. <i>Polymer</i> , <b>2015</b> , 56, 428-434	3.9	4
192	Laser-induced surface structures on gold-coated polymers: Influence of morphology on surface-enhanced Raman scattering enhancement. <i>Journal of Applied Polymer Science</i> , <b>2015</b> , 132, n/a-n/a <sup>2.9</sup>		11
191	Laser-Induced Periodic Surface Structures on Conjugated Polymers: Poly(3-hexylthiophene). <i>Macromolecules</i> , <b>2015</b> , 48, 4024-4031	5.5	40
190	Morphology of poly(propylene azelate) gratings prepared by nanoimprint lithography as revealed by atomic force microscopy and grazing incidence X-ray scattering. <i>Polymer</i> , <b>2015</b> , 61, 61-67	3.9	1
189	Mapping the structural order of laser-induced periodic surface structures in thin polymer films by microfocus beam grazing incidence small-angle X-ray scattering. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 3162-9	9.5	7
188	Non-equilibrium Structure Affects Ferroelectric Behavior of Confined Polymers. <i>Soft and Biological Matter</i> , <b>2015</b> , 189-206	0.8	1
187	Changes in mobility of plastic crystal ethanol during its transformation into the monoclinic crystal state. <i>Journal of Chemical Physics</i> , <b>2014</b> , 140, 054510	3.9	2
186	Does the Glass Transition of Polymers Change Upon 3D Confinement?. <i>Macromolecular Chemistry and Physics</i> , <b>2014</b> , 215, 1620-1624	2.6	11
185	Slow dynamics of nanocomposite polymer aerogels as revealed by X-ray photocorrelation spectroscopy (XPCS). <i>Journal of Chemical Physics</i> , <b>2014</b> , 140, 024909	3.9	15

184	Physicochemical modifications accompanying UV laser induced surface structures on poly(ethylene terephthalate) and their effect on adhesion of mesenchymal cells. <i>Physical Chemistry Chemical Physics</i> , <b>2014</b> , 16, 17551-9	3.6	64
183	Micro- and submicrostructuring thin polymer films with two and three-beam single pulse laser interference lithography. <i>Langmuir</i> , <b>2014</b> , 30, 8973-9	4	15
182	Quantitative mapping of mechanical properties in polylactic acid/natural rubber/organoclay bionanocomposites as revealed by nanoindentation with atomic force microscopy. <i>Composites Science and Technology</i> , <b>2014</b> , 104, 34-39	8.6	37
181	Relaxation dynamics and cold crystallization of poly(pentamethylene terephthalate) as revealed by dielectric spectroscopy. <i>Polymer</i> , <b>2014</b> , 55, 1552-1559	3.9	15
180	On the electrical conductivity of PVDF composites with different carbon-based nanoadditives. <i>Colloid and Polymer Science</i> , <b>2014</b> , 292, 1989-1998	2.4	26
179	Broadband dielectric spectroscopy of nanocomposites based on PVDF and expanded graphite. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2014</b> , 64, 012003	0.4	2
178	Confined dynamics in poly(ethylene terephthalate): a coherent and incoherent neutron scattering study. <i>Journal of Physics: Conference Series</i> , <b>2014</b> , 549, 012011	0.3	2
177	Thermomechanical response of a semicrystalline polymer in the vicinity of the melting by using microcantilever technology. <i>Applied Physics Letters</i> , <b>2014</b> , 104, 251904	3.4	5
176	On the assessment by grazing-incidence small-angle X-ray scattering of replica quality in polymer gratings fabricated by nanoimprint lithography. <i>Journal of Applied Crystallography</i> , <b>2014</b> , 47, 613-618	3.8	11
175	Laser Nanofabrication of Soft Matter. <i>Springer Series in Materials Science</i> , <b>2014</b> , 325-344	0.9	
174	Nanostructuring thin polymer films with optical near fields. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2013</b> , 5, 11402-8	9.5	13
173	Localized translational motions in semicrystalline poly(ethylene terephthalate) studied by incoherent quasielastic neutron scattering. <i>European Physical Journal E</i> , <b>2013</b> , 36, 24	1.5	4
172	Novel High Molecular Weight Aromatic Fluorinated Polymers from One-Pot, Metal-Free Step Polymerizations. <i>Macromolecules</i> , <b>2013</b> , 46, 7245-7256	5.5	36
171	Dielectric relaxation of poly (trimethylene terephthalate) in a broad range of crystallinity. <i>Polymer</i> , <b>2013</b> , 54, 5892-5898	3.9	12
170	Structure and Segmental Dynamics Relationship in Natural Rubber/Layered Silicate Nanocomposites during Uniaxial Deformation. <i>Macromolecules</i> , <b>2013</b> , 46, 3176-3182	5.5	13
169	Assessment of femtosecond laser induced periodic surface structures on polymer films. <i>Physical Chemistry Chemical Physics</i> , <b>2013</b> , 15, 11287-98	3.6	80
168	Chain Arrangement and Glass Transition Temperature Variations in Polymer Nanoparticles under 3D-Confinement. <i>Macromolecules</i> , <b>2013</b> , 46, 4698-4705	5.5	32
167	Understanding crystallization features of P(VDF-TrFE) copolymers under confinement to optimize ferroelectricity in nanostructures. <i>Nanoscale</i> , <b>2013</b> , 5, 6006-12	7.7	46

166	Crystallization under one-dimensional confinement in alumina nanopores of poly(trimethylene terephthalate) and its composites with single wall carbon nanotubes. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2013</b> , 5, 5324-9	9.5	26
165	Improving information density in ferroelectric polymer films by using nanoimprinted gratings. <i>Applied Physics Letters</i> , <b>2013</b> , 102, 191601	3.4	18
164	Grazing-incidence small-angle X-ray scattering of soft and hard nanofabricated gratings. <i>Journal of Applied Crystallography</i> , <b>2012</b> , 45, 1038-1045	3.8	46
163	Correlation lengths, porosity and water adsorption in TiO <sub>2</sub> thin films prepared by glancing angle deposition. <i>Nanotechnology</i> , <b>2012</b> , 23, 205701	3.4	57
162	Electrical conductivity of poly(ethylene terephthalate)/expanded graphite nanocomposites prepared by in situ polymerization. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>2012</b> , 50, 1645-1652	2.6	45
161	Deformation mechanisms in polylactic acid/natural rubber/organoclay bionanocomposites as revealed by synchrotron X-ray scattering. <i>Soft Matter</i> , <b>2012</b> , 8, 8990	3.6	46
160	Towards homogeneous dynamics in incompatible blends by selective transesterification. <i>Soft Matter</i> , <b>2012</b> , 8, 6723	3.6	2
159	Effect of Copolymerization in the Dynamics of Poly(trimethylene terephthalate). <i>Macromolecules</i> , <b>2012</b> , 45, 180-188	5.5	15
158	Overall performance of natural rubber/graphene nanocomposites. <i>Composites Science and Technology</i> , <b>2012</b> , 73, 40-46	8.6	153
157	Role of Vulcanizing Additives on the Segmental Dynamics of Natural Rubber. <i>Macromolecules</i> , <b>2012</b> , 45, 1070-1075	5.5	37
156	Gold coatings on polymer laser induced periodic surface structures: assessment as substrates for surface-enhanced Raman scattering. <i>Physical Chemistry Chemical Physics</i> , <b>2012</b> , 14, 15699-705	3.6	33
155	Laser-induced periodic surface structures nanofabricated on poly(trimethylene terephthalate) spin-coated films. <i>Langmuir</i> , <b>2012</b> , 28, 7938-45	4	44
154	Ultraviolet and infrared femtosecond laser induced periodic surface structures on thin polymer films. <i>Applied Physics Letters</i> , <b>2012</b> , 100, 041106	3.4	58
153	Influence of single wall carbon nanotubes and thermal treatment on the morphology of polymer thin films. <i>Composites Science and Technology</i> , <b>2012</b> , 72, 421-427	8.6	16
152	Effects of Orientation on the Segmental Dynamics of Natural Rubber. <i>Materials Science Forum</i> , <b>2012</b> , 714, 57-61	0.4	1
151	Laser nanostructuring of polymers: Ripples and applications <b>2012</b> ,		8
150	Effects of Strain-Induced Crystallization on the Segmental Dynamics of Vulcanized Natural Rubber. <i>Macromolecules</i> , <b>2011</b> , 44, 6574-6580	5.5	45
149	From hard to soft confinement in a symmetric block copolymer: local and segmental dynamics. <i>Soft Matter</i> , <b>2011</b> , 7, 6477	3.6	15

148	Assessment and formation mechanism of laser-induced periodic surface structures on polymer spin-coated films in real and reciprocal space. <i>Langmuir</i> , <b>2011</b> , 27, 5596-606	4	71
147	Homogeneous Dynamics within Inhomogeneous Environment in Semicrystalline Polymers. <i>Macromolecules</i> , <b>2011</b> , 44, 8124-8128	5.5	11
146	Conducting nanocomposites based on polyamide 6,6 and carbon nanofibers prepared by cryogenic grinding. <i>Composites Science and Technology</i> , <b>2011</b> , 71, 1348-1352	8.6	18
145	Detection of early stage precursor during formation of plastic crystal ethanol from the supercooled liquid state: a simultaneous dielectric spectroscopy with neutron diffraction study. <i>Physical Review Letters</i> , <b>2011</b> , 107, 025502	7.4	19
144	Preparation and characterization of nanocomposites based on COOH functionalized multi-walled carbon nanotubes and on poly(trimethylene terephthalate). <i>EXPRESS Polymer Letters</i> , <b>2011</b> , 5, 977-995	3.4	49
143	Three-dimensional model of human platelet integrin $\alpha$ IIb $\beta$ 3 in solution obtained by small angle neutron scattering. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 1023-31	5.4	21
142	Molecular dynamics of natural rubber as revealed by dielectric spectroscopy: The role of natural crosslinking. <i>Soft Matter</i> , <b>2010</b> , 6, 3636	3.6	42
141	Flat-on lamellae in spin-coated, stable films of poly(propylene azelate). <i>Langmuir</i> , <b>2010</b> , 26, 17540-5	4	11
140	Restricted dynamics in oriented semicrystalline polymers: poly(vinylidene fluoride). <i>Physical Review E</i> , <b>2010</b> , 82, 031802	2.4	15
139	Interplay between amorphous and crystalline domains in semicrystalline polymers by simultaneous SAXS, WAXS and Dielectric Spectroscopy. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2010</b> , 14, 012011	0.4	1
138	Influence of Fragility on Polymer Cold Crystallization. <i>Macromolecules</i> , <b>2010</b> , 43, 29-32	5.5	27
137	Cold Crystallization of Poly(trimethylene terephthalate) As Revealed by Simultaneous WAXS, SAXS, and Dielectric Spectroscopy. <i>Macromolecules</i> , <b>2010</b> , 43, 671-679	5.5	61
136	Confinement-induced one-dimensional ferroelectric polymer arrays. <i>Nano Letters</i> , <b>2010</b> , 10, 1472-6	11.5	134
135	Structure and morphology of thin films of linear aliphatic polyesters prepared by spin-coating. <i>Langmuir</i> , <b>2010</b> , 26, 10731-7	4	28
134	Molecular Dynamics of Natural Rubber/Layered Silicate Nanocomposites As Studied by Dielectric Relaxation Spectroscopy. <i>Macromolecules</i> , <b>2010</b> , 43, 643-651	5.5	82
133	Structure and viscoelastic properties of hybrid ferrogels with iron oxide nanoparticles synthesized in situ. <i>Soft Matter</i> , <b>2010</b> , 6, 3910	3.6	25
132	Influence of single-walled carbon nanotubes on the effective elastic constants of poly(ethylene terephthalate). <i>Composites Science and Technology</i> , <b>2010</b> , 70, 284-290	8.6	44
131	Structure of glancing incidence deposited TiO <sub>2</sub> thin films as revealed by grazing incidence small-angle X-ray scattering. <i>ChemPhysChem</i> , <b>2010</b> , 11, 2205-8	3.2	24



130	Influence of preparation procedure on the conductivity and transparency of SWCNT-polymer nanocomposites. <i>Composites Science and Technology</i> , <b>2009</b> , 69, 1867-1872	8.6	57
129	Segmental relaxation in semicrystalline polymers: a mean-field model for the distribution of relaxation times in confined regimes. <i>European Physical Journal E</i> , <b>2009</b> , 29, 163-71	1.5	16
128	Segmental Dynamics of Semicrystalline Poly(vinylidene fluoride) Nanorods. <i>Macromolecules</i> , <b>2009</b> , 42, 5395-5401	5.5	81
127	Structural organization of iron oxide nanoparticles synthesized inside hybrid polymer gels derived from alginate studied with small-angle X-ray scattering. <i>Langmuir</i> , <b>2009</b> , 25, 13212-8	4	30
126	Shear Effect on Crystallizing Single Wall Carbon Nanotube/Poly(butylene terephthalate) Nanocomposites. <i>Macromolecules</i> , <b>2009</b> , 42, 4374-4376	5.5	19
125	Miscibility, dispersion, interfacial strength and nanoclay mobility relationships in polymer nanocomposites. <i>Soft Matter</i> , <b>2009</b> , 5, 3481	3.6	18
124	Broad-Band Electrical Conductivity of High Density Polyethylene Nanocomposites with Carbon Nanoadditives: Multiwall Carbon Nanotubes and Carbon Nanofibers. <i>Macromolecules</i> , <b>2008</b> , 41, 7090-7097	5.5	90
123	Origin of the Subglass Dynamics in Aromatic Polyesters by Labeling the Dielectric Relaxation with Ethero Atoms. <i>Macromolecules</i> , <b>2008</b> , 41, 2651-2655	5.5	11
122	Influence of Shear on the Templated Crystallization of Poly(butylene terephthalate)/Single Wall Carbon Nanotube Nanocomposites. <i>Macromolecules</i> , <b>2008</b> , 41, 844-851	5.5	70
121	Nearly constant dielectric loss behavior in ionomers. <i>Journal of Chemical Physics</i> , <b>2008</b> , 128, 244908	3.9	8
120	Characterization of the Layered Structure in Main Chain Dibenzo-18-crown-6 Ether Polymers by Simultaneous WAXS/MAXS/BAXS/DSC Measurements. <i>Macromolecules</i> , <b>2007</b> , 40, 3355-3360	5.5	2
119	Evidence of early stage precursors of polymer crystals by dielectric spectroscopy. <i>Physical Review Letters</i> , <b>2007</b> , 98, 037801	7.4	70
118	NMR and electrical conductivity studies of poly(2,6-dimethyl-1,4-phenyleneoxide) ionomers. <i>Solid State Ionics</i> , <b>2007</b> , 178, 1049-1057	3.3	3
117	X-ray microdiffraction and micro-Raman study on an injection moulding SWCNT-polymer nanocomposite. <i>Composites Science and Technology</i> , <b>2007</b> , 67, 798-805	8.6	22
116	The $\beta$ relaxation as a probe to follow real-time polymer crystallization in model aliphatic polyesters. <i>Polymer</i> , <b>2007</b> , 48, 4742-4750	3.9	25
115	Molecular dynamics in PVDF/PVA blends as revealed by dielectric loss spectroscopy. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>2007</b> , 45, 1653-1661	2.6	30
114	Novel ethero atoms containing polyesters based on 2,6-naphthalendicarboxylic acid: A comparative study with poly(butylene naphthalate). <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>2007</b> , 45, 1694-1703	2.6	17
113	Deformation behaviour during cold drawing of nanocomposites based on single wall carbon nanotubes and poly(ether ester) copolymers. <i>Polymer</i> , <b>2007</b> , 48, 3286-3293	3.9	24

112	Order and Segmental Mobility in Crystallizing Polymers <b>2007</b> , 435-456		2
111	Complex nature of the $\beta$ -relaxation and fragility in aromatic polyesters. <i>Journal of Non-Crystalline Solids</i> , <b>2007</b> , 353, 3989-3995	3.9	8
110	Stacking of main chain-crown ether polymers in thin films. <i>Langmuir</i> , <b>2007</b> , 23, 12677-81	4	18
109	Phenomenological model for the confined dynamics in semicrystalline polymers: the multiple alpha relaxation in cold-crystallized poly(ethylene terephthalate). <i>Journal of Chemical Physics</i> , <b>2007</b> , 127, 10490-9	3.9	6
108	Templating of crystallization and shear-induced self-assembly of single-wall carbon nanotubes in a polymer-nanocomposite. <i>Polymer</i> , <b>2006</b> , 47, 341-345	3.9	41
107	Order and segmental mobility during polymer crystallization: Poly(butylene isophthalate). <i>Polymer</i> , <b>2006</b> , 47, 1281-1290	3.9	53
106	Versatile wide angle diffraction setup for simultaneous wide and small angle x-ray scattering measurements with synchrotron radiation. <i>Review of Scientific Instruments</i> , <b>2006</b> , 77, 033904	1.7	23
105	Film-Forming Polymers Containing in the Main-Chain Dibenzo Crown Ethers with Aliphatic (C10-C16), Aliphatic-Aromatic, or Oxyindole Spacers. <i>Macromolecules</i> , <b>2006</b> , 39, 4696-4703	5.5	21
104	On the role of the $\beta$ -process as precursor of the $\beta$ -relaxation in aromatic polyesters. <i>Journal of Non-Crystalline Solids</i> , <b>2006</b> , 352, 4649-4655	3.9	29
103	Dielectric Relaxation of Polyester-Based Thermoplastic Elastomers <b>2006</b> , 227-239		
102	Small-angle X-ray scattering of single-wall carbon nanotubes dispersed in molten poly(ethylene terephthalate). <i>Composites Science and Technology</i> , <b>2006</b> , 66, 2629-2632	8.6	28
101	Molecular dynamics of poly(butylene tert-butyl isophthalate) and its copolymers with poly(butylene terephthalate) as revealed by broadband dielectric spectroscopy. <i>Polymer</i> , <b>2006</b> , 47, 7078-7084	3.9	5
100	Structure-dynamics relationship during the amorphous to smectic transition of a main chain liquid crystalline polymer. <i>Journal of Non-Crystalline Solids</i> , <b>2005</b> , 351, 2768-2772	3.9	7
99	Slow relaxations in salicylsalicylic acid studied by dielectric techniques. <i>Journal of Non-Crystalline Solids</i> , <b>2005</b> , 351, 3600-3606	3.9	14
98	Confined crystallization in phase-separated poly(ethylene terephthalate)/poly(ethylene naphthalene 2,6-dicarboxylate) blends. <i>European Physical Journal E</i> , <b>2005</b> , 18, 459-65	1.5	9
97	Molecular dynamics in crystalline acetone studied by dielectric spectroscopy and neutron diffraction. <i>Physica B: Condensed Matter</i> , <b>2005</b> , 370, 22-28	2.8	5
96	Experimental setup for simultaneous measurements of neutron diffraction and dielectric spectroscopy during crystallization of liquids. <i>Review of Scientific Instruments</i> , <b>2005</b> , 76, 043901	1.7	13
95	Cooperativity of the beta-relaxations in aromatic polymers. <i>Physical Review E</i> , <b>2004</b> , 70, 021502	2.4	23

94	Hydrogen-Bond Network Breakage as a First Step to Isopropanol Crystallization. <i>Physical Review Letters</i> , <b>2004</b> , 93,	7.4	29
93	Molecular structure-dynamics relationships in glassy poly(isophthalamide)s as revealed by wide angle x-ray scattering, dielectric loss spectroscopy, and molecular modelling. <i>Journal of Chemical Physics</i> , <b>2004</b> , 120, 8815-23	3.9	2
92	Structure-dynamics relationship in crystallizing poly(ethylene terephthalate) as revealed by time-resolved X-ray and dielectric methods. <i>Polymer</i> , <b>2004</b> , 45, 3953-3959	3.9	112
91	Inhibition of the Crystallization in Nanofilms of Poly(3-hydroxybutyrate). <i>Macromolecules</i> , <b>2004</b> , 37, 5653-5659	3.5	60
90	Low Percolation Threshold in Nanocomposites Based on Oxidized Single Wall Carbon Nanotubes and Poly(butylene terephthalate). <i>Macromolecules</i> , <b>2004</b> , 37, 7669-7672	5.5	183
89	Anomalous enhanced mobility in a semicrystalline random poly(butylene isophthalate/butylene adipate) copolyester.. <i>Colloid and Polymer Science</i> , <b>2003</b> , 282, 96-99	2.4	1
88	The Effect of Transreactions on the Structure and Dynamic Mechanical Properties of 1:1 Poly(ethylene terephthalate)/Poly(ethylene 2,6-naphthalate) Blends Produced by Cryogenic Mechanical Alloying. <i>Macromolecular Materials and Engineering</i> , <b>2003</b> , 288, 778-788	3.9	17
87	Cold crystallization of poly(ethylene naphthalene-2,6-dicarboxylate) by simultaneous measurements of X-ray scattering and dielectric spectroscopy. <i>Polymer</i> , <b>2003</b> , 44, 1045-1049	3.9	24
86	In-Situ Simultaneous Small- and Wide-Angle X-ray Scattering Study of Poly(ether ester) during Cold Drawing. <i>Macromolecules</i> , <b>2003</b> , 36, 4827-4832	5.5	31
85	StructureDynamics Relationships in Random Poly(butylene isophthalate-co-butylene adipate) Copolyesters As Revealed by Dielectric Loss Spectroscopy and X-ray Scattering. <i>Macromolecules</i> , <b>2003</b> , 36, 3245-3253	5.5	14
84	Relationships between conductivity and local topology in heterocyclic polymer networks. <i>Physical Review E</i> , <b>2003</b> , 67, 031801	2.4	7
83	Probing Crystallization Studying Amorphous Phase Evolution. <i>Lecture Notes in Physics</i> , <b>2003</b> , 275-296	0.8	1
82	Relaxation Behavior of Poly(ester carbonate) Block Copolymer Across the Melting Region. <i>Macromolecular Chemistry and Physics</i> , <b>2002</b> , 203, 556-564	2.6	5
81	Molecular dynamics of a series of nematic polyesters. <i>Macromolecular Chemistry and Physics</i> , <b>2002</b> , 203, 2089-2094	2.6	7
80	Crystallization of 2-propanol studied by neutron diffraction and dielectric spectroscopy in real-time. <i>Applied Physics A: Materials Science and Processing</i> , <b>2002</b> , 74, s543-s545	2.6	12
79	Relaxation behavior of poly(ethylene terephthalate)/poly(ethylene naphthalene 2,6-dicarboxylate) blends prepared by cryogenic blending. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>2002</b> , 40, 2570-2578	2.6	10
78	Microstructural Characterization of Poly(Ethylene Naphthalene 2,6-Dicarboxylate) Based on the Amorphous and Crystalline Phase Properties: Sections 4B.2 <b>2002</b> , 523-550		1
77	Broad-Band Dielectric Spectroscopy of Polymer Chains Containing Structurally Complex Side Groups. <i>Macromolecules</i> , <b>2002</b> , 35, 1785-1790	5.5	8

76	Simultaneous crystalline-amorphous phase evolution during crystallization of polymer systems. <i>Europhysics Letters</i> , <b>2002</b> , 59, 417-422	1.6	24
75	Alternating-current electrical properties of graphite, carbon-black and carbon-fiber polymeric composites. <i>Composites Science and Technology</i> , <b>2001</b> , 61, 903-909	8.6	100
74	Shear-induced crystallization of isotactic polypropylene with different molecular weight distributions: in situ small- and wide-angle X-ray scattering studies. <i>Polymer</i> , <b>2001</b> , 42, 5247-5256	3.9	264
73	Induction time for cold crystallization in semi-rigid polymers: PEN and PEEK. <i>Polymer</i> , <b>2001</b> , 42, 5711-5715	3.9	25
72	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. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>2001</b> , 39, 881-894	2.6	11
71	Influence of filler structure on microhardness of carbon black/polymer composites. <i>Journal of Applied Polymer Science</i> , <b>2001</b> , 79, 90-95	2.9	22
70	POLY(ETHER-BLOCK-SULFONATED ESTER)COPOLYMERS. I. PHASE STRUCTURE AND PHYSICAL PROPERTIES*. <i>Journal of Macromolecular Science - Physics</i> , <b>2001</b> , 40, 669-684	1.4	6
69	Molecular dynamics and microstructure development during cold crystallization in poly(ether-ether-ketone) as revealed by real time dielectric and x-ray methods. <i>Journal of Chemical Physics</i> , <b>2001</b> , 115, 3804-3813	3.9	57
68	Probing the subglass relaxation behavior in model heterocyclic polymer networks by dielectric spectroscopy. <i>Physical Review E</i> , <b>2001</b> , 64, 051802	2.4	14
67	Electrical behaviour of the system $\text{La}_{1.33}\text{NaxMnxTi}_2\text{O}_6$ ( $x=0.66, 0.55$ and $0.44$ ). <i>Solid State Sciences</i> , <b>2001</b> , 3, 655-659		2
66	POLY(ETHER-BLOCK-SULFONATED ESTER) COPOLYMERS. II. MECHANICAL AND DIELECTRIC RELAXATION*. <i>Journal of Macromolecular Science - Physics</i> , <b>2001</b> , 40, 685-708	1.4	2
65	On the relationship between crystalline structure and amorphous phase dynamics during isothermal crystallization of bacterial poly(3-hydroxybutyrate-co-3-hydroxyvalerate) copolymers. <i>Biomacromolecules</i> , <b>2001</b> , 2, 581-7	6.9	20
64	Polymer Crystallization: General Concepts of Theory and Experiments <b>2001</b> , 7244-7252		3
63	Modelling the Relaxation Dynamics of Nematic Liquid Crystals in Porous Hosts. <i>Physica Status Solidi (B): Basic Research</i> , <b>2000</b> , 220, 837-843	1.3	2
62	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. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>2000</b> , 38, 1167-1182	2.6	43
61	Dielectric relaxation of heterocyclic polymer networks: Effect of the ratio and nature of the heterocyclic rings. <i>Journal of Materials Science</i> , <b>2000</b> , 35, 5021-5028	4.3	3
60	Simultaneous measurements of small angle x-ray scattering, wide angle x-ray scattering, and dielectric spectroscopy during crystallization of polymers. <i>Review of Scientific Instruments</i> , <b>2000</b> , 71, 1733-1736	1.7	25
59	Influence of cross-linking on the segmental dynamics in model polymer networks. <i>Journal of Chemical Physics</i> , <b>2000</b> , 113, 447-452	3.9	77

58	The relationship between nonexponential relaxation and molecular stiffness in aromatic model compounds. <i>Journal of Chemical Physics</i> , <b>2000</b> , 112, 5254-5256	3.9	1
57	Relaxation time distribution from time and frequency domain dielectric spectroscopy in poly(aryl ether ether ketone). <i>Journal of Chemical Physics</i> , <b>2000</b> , 113, 863-868	3.9	15
56	Revisiting the Dielectric Relaxation of Ethylene-Vinylacetate Copolymers: Influence of Microstructure. <i>Journal of Macromolecular Science - Physics</i> , <b>2000</b> , 39, 761-774	1.4	8
55	Influence of the Crystalline Structure in the Segmental Mobility of Semicrystalline Polymers: Poly(ethylene naphthalene-2,6-dicarboxylate). <i>Macromolecules</i> , <b>2000</b> , 33, 9367-9375	5.5	70
54	Structure Development during Shear Flow-Induced Crystallization of i-PP: In-Situ Small-Angle X-ray Scattering Study. <i>Macromolecules</i> , <b>2000</b> , 33, 9385-9394	5.5	434
53	Structure-dynamics relationships of the $\beta$ -relaxation in flexible copolyesters during crystallization as revealed by real-time methods. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>1999</b> , 37, 37-49	2.6	39
52	Electrical and Optical Properties of Vinylidene Fluoride-trifluoro Ethylene Copolymers Prepared by Solution Cast. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , <b>1999</b> , 44, 259-264	3.4	264
51	Restricted Dynamics in Poly(ether ether ketone) As Revealed by Incoherent Quasielastic Neutron Scattering and Broad-Band Dielectric Spectroscopy. <i>Macromolecules</i> , <b>1999</b> , 32, 2301-2308	5.5	51
50	Relaxation behavior in model compounds of poly(aryl-ether-ketone-ketone) as revealed by dielectric spectroscopy. <i>Journal of Chemical Physics</i> , <b>1999</b> , 110, 10134-10140	3.9	5
49	Phase behavior of a substituted poly(paraphenylene): Poly(para-2,5-didecyl-p-phenylene). <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>1998</b> , 36, 49-54	2.6	3
48	Broadband ac conductivity of conductor-polymer composites. <i>Physical Review B</i> , <b>1998</b> , 57, 2286-2294	3.3	221
47	Dielectric relaxation of poly-( $\beta$ -hydroxybutyrate) relating to microstructure. <i>Journal of Macromolecular Science - Physics</i> , <b>1998</b> , 37, 851-862	1.4	5
46	Toward Chain Extension in Crystals of Fluorinated Copolymers As Revealed by Real Time Ultra-Small-Angle X-ray Scattering. <i>Macromolecules</i> , <b>1998</b> , 31, 6157-6163	5.5	3
45	Microhardness of condensation polymers and copolymers. 2. Poly(ester ether carbonate) thermoplastic terpolymers. <i>Journal of Macromolecular Science - Physics</i> , <b>1998</b> , 37, 219-237	1.4	9
44	Microhardness of condensation polymers and copolymers. 1. Coreactive blends of polyethylene terephthalate and polycarbonates. <i>Journal of Macromolecular Science - Physics</i> , <b>1997</b> , 36, 655-665	1.4	14
43	Microstructure and mechanical properties of PBT-PCc block copolymers: Influence of composition, structure, and physical aging. <i>Journal of Macromolecular Science - Physics</i> , <b>1997</b> , 36, 335-343	1.4	9
42	Influence of water on the dielectric behaviour of chitosan films. <i>Colloid and Polymer Science</i> , <b>1997</b> , 275, 419-425	2.4	39
41	Crystallization of poly(aryl ether ketone) polymers as revealed by time domain dielectric spectroscopy. <i>Polymer</i> , <b>1997</b> , 38, 5793-5800	3.9	31

40	Relaxation behavior of aliphatic-aromatic poly(ether amide)s as revealed by dynamic mechanical and dielectric methods. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>1997</b> , 35, 457-468	2.6	8
39	Influence of Liquid Crystalline Order on the Dielectric Relaxation of Random Copolyesters of PET, PEN, and PHB. <i>Macromolecules</i> , <b>1996</b> , 29, 5002-5009	5.5	28
38	The thermal behaviour of poly(3-octylthienylene) synthesized by an Ni-based catalyst: DSC, optical microscopy and XRD analyses. <i>European Polymer Journal</i> , <b>1996</b> , 32, 1097-1103	5.2	34
37	Precursors of crystallization via density fluctuations in stiff-chain polymers. <i>Physical Review E</i> , <b>1996</b> , 54, 989-992	2.4	96
36	Dielectric relaxation of poly(ester-ether-carbonate) multiblock terpolymers. <i>Colloid and Polymer Science</i> , <b>1995</b> , 273, 58-65	2.4	10
35	Anisotropy of electrical conductivity and structure in polymer-carbon fiber composite materials. <i>Polymer Composites</i> , <b>1995</b> , 16, 109-113	3	9
34	Phase Separation and Crystallization Phenomena in a Poly(ester-carbonate) Block Copolymer: A Real-Time Dielectric Spectroscopic and X-ray Scattering Study. <i>Macromolecules</i> , <b>1995</b> , 28, 4516-4524	5.5	24
33	Thermal anisotropy of polymer carbon fiber composites as revealed by photodeflection methods. <i>Journal of Applied Physics</i> , <b>1995</b> , 78, 5706-5712	2.5	22
32	A comparative dielectric study on the molecular dynamics of the liquid crystalline and the amorphous state of copolyesters. <i>Macromolecular Rapid Communications</i> , <b>1995</b> , 16, 899-904	4.8	6
31	Molecular dynamics of the alpha relaxation during crystallization of a glassy polymer: A real-time dielectric spectroscopy study. <i>Physical Review B</i> , <b>1994</b> , 50, 6023-6031	3.3	83
30	Molecular dynamics of ferroelectric polymeric systems as studied by incoherent quasielastic neutron scattering. <i>Physical Review B</i> , <b>1994</b> , 50, 13214-13224	3.3	16
29	Real time dielectric relaxation of poly(ethylene terephthalate) during crystallization from the glassy state. <i>Polymer</i> , <b>1994</b> , 35, 2600-2606	3.9	69
28	Double ferroelectric-to-paraelectric transition in 70/30 vinylidene fluoride-trifluoro ethylene copolymer as revealed by dielectric spectroscopy. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>1994</b> , 32, 1449-1455	2.6	14
27	Molecular dynamics of polymers during crystallization as revealed by dielectric spectroscopy. <i>Physica Scripta</i> , <b>1994</b> , T55, 212-215	2.6	7
26	Structure and properties of ferroelectric copolymers of poly(vinylidene fluoride). <i>Advances in Polymer Science</i> , <b>1993</b> , 1-48	1.3	53
25	Thermal diffusivity of polyethylene containing carbon. <i>Materials Letters</i> , <b>1993</b> , 17, 171-174	3.3	1
24	Dielectric relaxation of amorphous random copolymers of poly(ethylene terephthalate) and poly(ethylene-2,6-naphthalene dicarboxylate). <i>Acta Polymerica</i> , <b>1993</b> , 44, 18-24		50
23	The thermal behaviour of low-molecular-weight poly(3-decylthiophene). <i>Die Makromolekulare Chemie</i> , <b>1993</b> , 194, 817-827		49

22	Real-time X-ray scattering study during the thermal conversion of a precursor polymer to poly(p-phenylene vinylene). <i>Polymer</i> , <b>1991</b> , 32, 781-785	3.9	5
21	Electrical transport in polyethylene-graphite composite materials. <i>Synthetic Metals</i> , <b>1991</b> , 41, 915-920	3.6	73
20	Charge transport in polyethylene-graphite composite materials. <i>Advanced Materials</i> , <b>1990</b> , 2, 597-600	2.4	70
19	Conductive polyethylene-carbon black composites by elongational-flow injection molding Part 3. Study of the structure and morphology. <i>Colloid and Polymer Science</i> , <b>1989</b> , 267, 409-413	2.4	13
18	A.C. conductivity measurements in polymeric insulator conductor systems. <i>Synthetic Metals</i> , <b>1989</b> , 28, 83-88	3.6	34
17	New conducting polymers from 3-alkylpyrroles. <i>Synthetic Metals</i> , <b>1989</b> , 28, 177-181	3.6	62
16	Evidence for hopping conduction in salts of poly(pyrrole). Substituted polypyrroles and their composites. <i>Synthetic Metals</i> , <b>1989</b> , 28, 217-223	3.6	10
15	Synthetic Metals Coming of Age But Still Controversial. <i>Angewandte Chemie International Edition in English</i> , <b>1988</b> , 27, 1583-1584		1
14	Hopping conduction in 3,4-cycloalkylpolypyrrole perchlorates: A model study of conductivity in polymers. <i>Chemical Physics Letters</i> , <b>1988</b> , 144, 194-198	2.5	21
13	Conductive PE-carbon black composites by elongational flow injection moulding. <i>Journal of Materials Science</i> , <b>1988</b> , 23, 4121-4126	4.3	19
12	Electrical conductivity of polyethylene-carbon-fibre composites mixed with carbon black. <i>Journal of Materials Science</i> , <b>1988</b> , 23, 1411-1415	4.3	72
11	Conductive PE-carbon composites by elongation flow injection moulding. <i>Journal of Materials Science</i> , <b>1988</b> , 23, 475-480	4.3	23
10	Dynamic percolation in an insulator-conductor composite: Polyethyleneoxide-polypyrrole, as studied by a.c. conductivity measurements. <i>Solid State Communications</i> , <b>1988</b> , 66, 153-157	1.6	21
9	On the percolative behaviour of polymeric insulator-conductor composites: polyethylene oxide-polypyrrole. <i>Journal of Physics C: Solid State Physics</i> , <b>1988</b> , 21, 927-941		36
8	Conducting injection moulded carbon black filled polyethylene. <i>Makromolekulare Chemie Macromolecular Symposia</i> , <b>1988</b> , 20-21, 597-600		2
7	Conducting Polymers from 3,4-Disubstituted Polypyrroles. <i>Zeitschrift Fur Elektrotechnik Und Elektrochemie</i> , <b>1987</b> , 91, 885-888		27
6	Percolation threshold of conductive polycarbonate/carbon composites as revealed by electron microscopy. <i>Journal of Materials Science Letters</i> , <b>1986</b> , 5, 1065-1066		31
5	On tunneling effects in metal-deposited polyethylene-carbon black and polycarbonate-carbon black systems. <i>Journal of Materials Research</i> , <b>1986</b> , 1, 510-514	2.5	19

4	Doping of Novel Phenylene Derivative Polymers Relating to Electrical Conductivity. <i>Molecular Crystals and Liquid Crystals</i> , <b>1985</b> , 118, 263-266		3
3	Electrical conductivity in poly-p-phenylene doped with antimony pentachloride and chlorosulphonic acid. <i>Journal of Materials Science Letters</i> , <b>1985</b> , 4, 1119-1121		1
2	Memory and switching effects in polycarbonate-graphite composites. <i>Journal of Applied Physics</i> , <b>1985</b> , 58, 1061-1063	2.5	8
1	Conductive polycarbonate-carbon composites. <i>Journal of Materials Science Letters</i> , <b>1984</b> , 3, 165-168		18