

Marian A Gomez-Fatou Rodriguez

List of Publications by Year in descending order

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160
papers

6,488
citations

66315

42
h-index

79644

73
g-index

162
all docs

162
docs citations

162
times ranked

6169
citing authors

#	ARTICLE	IF	CITATIONS
1	Understanding the Reinforcement of Graphene in Poly(Ether Ether Ketone)/Carbon Fibre Laminates. <i>Polymers</i> , 2021, 13, 2440.	2.0	1
2	Graphene and Polyethylene: A Strong Combination Towards Multifunctional Nanocomposites. <i>Polymers</i> , 2020, 12, 2094.	2.0	17
3	Scalable graphene-based nanocomposite coatings for flexible and washable conductive textiles. <i>Carbon</i> , 2020, 167, 495-503.	5.4	23
4	Creep behaviour of elastomeric nanocomposites by flat punch indentation: Influence of graphene modification and content. <i>Composites Science and Technology</i> , 2020, 198, 108311.	3.8	6
5	Preparation of Piezo-Resistive Materials by Combination of PP, SEBS and Graphene. <i>Journal of Composites Science</i> , 2019, 3, 37.	1.4	2
6	Enhanced Thermal Conductivity in Polymer Nanocomposites via Covalent Functionalization of Boron Nitride Nanotubes with Short Polyethylene Chains for Heat-Transfer Applications. <i>ACS Applied Nano Materials</i> , 2019, 2, 440-451.	2.4	35
7	Nanoindentation mapping of multiscale composites of graphene-reinforced polypropylene and carbon fibres. <i>Composites Science and Technology</i> , 2019, 169, 151-157.	3.8	22
8	New Perspectives on Graphene/Polymer Fibers and Fabrics for Smart Textiles: The Relevance of the Polymer/Graphene Interphase. <i>Frontiers in Materials</i> , 2018, 5, .	1.2	21
9	Searching for effective compatibilizing agents for the preparation of poly(ether ether) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 4 Manufacturing, 2018, 113, 180-188.	3.8	13
10	Influence of the chemical functionalization of graphene on the properties of polypropylene-based nanocomposites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2017, 100, 31-39.	3.8	57
11	Control of the structure and properties of SEBS nanocomposites via chemical modification of graphene with polymer brushes. <i>European Polymer Journal</i> , 2017, 97, 1-13.	2.6	17
12	Facile one-pot exfoliation and integration of 2D layered materials by dispersion in a photocurable polymer precursor. <i>Nanoscale</i> , 2017, 9, 10590-10595.	2.8	12
13	Anhydride-based chemistry on graphene for advanced polymeric materials. <i>RSC Advances</i> , 2016, 6, 36656-36660.	1.7	8
14	Development of Advanced Elastomeric Conductive Nanocomposites by Selective Chemical Affinity of Modified Graphene. <i>Macromolecules</i> , 2016, 49, 4948-4956.	2.2	33
15	Influence of the covalent immobilization of graphene oxide in poly(vinyl alcohol) on human osteoblast response. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 138, 50-59.	2.5	20
16	Local mechanical properties of graphene/polyethylene-based nanocomposites by depth-sensing indentation. <i>European Polymer Journal</i> , 2016, 74, 120-129.	2.6	22
17	The overlooked role of reduced graphene oxide in the reinforcement of hydrophilic polymers. <i>Journal of Materials Chemistry C</i> , 2015, 3, 1177-1180.	2.7	17
18	Nanoindentation in polymer nanocomposites. <i>Progress in Materials Science</i> , 2015, 67, 1-94.	16.0	306

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19	Influence of carbon nanotubes on the properties of epoxy based composites reinforced with a semicrystalline thermoplastic. IOP Conference Series: Materials Science and Engineering, 2014, 64, 012006.	0.3	0
20	Polymer Blend Nanocomposites: Effect of Selective Nanotube Location on the Properties of a Semicrystalline Thermoplastic-Toughened Epoxy Thermoset. Macromolecular Materials and Engineering, 2014, 299, 1430-1444.	1.7	13
21	Multiscale fiber-reinforced thermoplastic composites incorporating carbon nanotubes: A review. Current Opinion in Solid State and Materials Science, 2014, 18, 62-80.	5.6	90
22	Chemical sensors based on polymer composites with carbon nanotubes and graphene: the role of the polymer. Journal of Materials Chemistry A, 2014, 2, 14289-14328.	5.2	190
23	Poly(ether ether ketone)-based hierarchical composites for tribological applications. Chemical Engineering Journal, 2013, 218, 285-294.	6.6	17
24	Evaluating the Reinforcement of Inorganic Fullerene-like Nanoparticles in Thermoplastic Matrices by Depth-Sensing Indentation. Journal of Physical Chemistry C, 2013, 117, 20936-20943.	1.5	24
25	Opportunities and challenges in the use of inorganic fullerene-like nanoparticles to produce advanced polymer nanocomposites. Progress in Polymer Science, 2013, 38, 1163-1231.	11.8	154
26	Wrapping of SWCNTs in Polyethylenoxide-Based Amphiphilic Diblock Copolymers: An Approach to Purification, Debundling, and Integration into the Epoxy Matrix. Journal of Physical Chemistry C, 2012, 116, 7399-7408.	1.5	24
27	Choosing the Chemical Route for Carbon Nanotube Integration in Poly(vinylidene fluoride). Journal of Physical Chemistry C, 2012, 116, 16217-16225.	1.5	16
28	Covalent functionalization of MWCNTs with poly(p-phenylene sulphide) oligomers: a route to the efficient integration through a chemical approach. Journal of Materials Chemistry, 2012, 22, 21285.	6.7	58
29	Poly(phenylene sulphide) and poly(ether ether ketone) composites reinforced with single-walled carbon nanotube buckypaper: I " Structure, thermal stability and crystallization behaviour. Composites Part A: Applied Science and Manufacturing, 2012, 43, 997-1006.	3.8	70
30	Poly(phenylene sulphide) and poly(ether ether ketone) composites reinforced with single-walled carbon nanotube buckypaper: II " Mechanical properties, electrical and thermal conductivity. Composites Part A: Applied Science and Manufacturing, 2012, 43, 1007-1015.	3.8	88
31	Processing and properties of PEEK/glass fiber laminates: Effect of addition of single-walled carbon nanotubes. Composites Part A: Applied Science and Manufacturing, 2012, 43, 1267-1279.	3.8	50
32	Reactive fillers based on SWCNTs functionalized with matrix-based moieties for the production of epoxy composites with superior and tunable properties. Nanotechnology, 2012, 23, 285702.	1.3	14
33	Nanoindentation Assessment of the Interphase in Carbon Nanotube-Based Hierarchical Composites. Journal of Physical Chemistry C, 2012, 116, 24193-24200.	1.5	40
34	High-performance nanocomposites based on polyetherketones. Progress in Materials Science, 2012, 57, 1106-1190.	16.0	222
35	Isothermal Crystallization Kinetics of Novel Isotactic Polypropylene/MoS₂ Inorganic Nanotube Nanocomposites. Journal of Physical Chemistry B, 2011, 115, 2248-2255.	1.2	31
36	Interfacial Interactions in Polypropylene"Organoclay" Elastomer Nanocomposites: Influence of Polar Modifications on the Location of the Clay. Macromolecules, 2011, 44, 2179-2189.	2.2	30

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37	Effect of Various Aminated Single-Walled Carbon Nanotubes on the Epoxy Cross-Linking Reactions. <i>Journal of Physical Chemistry C</i> , 2011, 115, 7238-7248.	1.5	63
38	Epoxy composites with covalently anchored amino-functionalized SWNTs: towards the tailoring of physical properties through targeted functionalization. <i>Journal of Materials Chemistry</i> , 2011, 21, 14948.	6.7	31
39	Dynamic Crystallization Kinetics and Nucleation Parameters of a New Generation of Nanocomposites Based on Isotactic Polypropylene and MoS ₂ Inorganic Nanotubes. <i>Journal of Physical Chemistry B</i> , 2011, 115, 2850-2856.	1.2	17
40	¹³ C-NMR Observed Conformations and Motions of Neat Liquid and Crystalline n-Hexatriacontane and as a Guest in the Narrow Channels of Its Inclusion Compound Formed with β -Cyclodextrin. <i>ACS Symposium Series</i> , 2011, , 265-277.	0.5	0
41	Towards a new generation of polymer nanocomposites based on inorganic nanotubes. <i>Journal of Materials Chemistry</i> , 2011, 21, 3574.	6.7	33
42	New hybrid nanocomposites containing carbon nanotubes, inorganic fullerene-like WS ₂ nanoparticles and poly(ether ether ketone) (PEEK). <i>Journal of Materials Chemistry</i> , 2011, 21, 7425.	6.7	60
43	Solvent-Free Preparation of High-Toughness Epoxy~SWNT Composite Materials. <i>ACS Applied Materials & Interfaces</i> , 2011, 3, 1441-1450.	4.0	70
44	Novel melt-processable nylon-6/inorganic fullerene-like WS ₂ nanocomposites: Complex isothermal crystallization kinetics and melting behaviour. <i>Materials Chemistry and Physics</i> , 2011, 128, 265-273.	2.0	18
45	Novel melt-processable nylon-6/inorganic fullerene-like WS ₂ nanocomposites for critical applications. <i>Materials Chemistry and Physics</i> , 2011, 129, 641-648.	2.0	33
46	Mechanical and electrical properties of novel poly(ether ether ketone)/carbon nanotube/inorganic fullerene-like WS ₂ hybrid nanocomposites: Experimental measurements and theoretical predictions. <i>Materials Chemistry and Physics</i> , 2011, 130, 126-133.	2.0	26
47	The crystallization of polypropylene in multiwall carbon nanotube~based composites. <i>Polymer Composites</i> , 2011, 32, 324-333.	2.3	34
48	Influence of carbon nanotubes on the thermal, electrical and mechanical properties of poly(ether) Tj ETQqO 0 0 rgBT /Overlock 10 Tf 50	5.4	130
49	Synchrotron IR microspectroscopy: Opportunities in polymer science. <i>IOP Conference Series: Materials Science and Engineering</i> , 2010, 14, 012019.	0.3	7
50	A Solvent~Free Dispersion Method for the Preparation of PET/MWCNT Composites. <i>Macromolecular Materials and Engineering</i> , 2010, 295, 652-659.	1.7	16
51	Integration of block copolymer-wrapped single-wall carbon nanotubes into a trifunctional epoxy resin. Influence on thermal performance. <i>Polymer Degradation and Stability</i> , 2010, 95, 2065-2075.	2.7	14
52	High performance PEEK/carbon nanotube composites compatibilized with polysulfones-I. Structure and thermal properties. <i>Carbon</i> , 2010, 48, 3485-3499.	5.4	88
53	High performance PEEK/carbon nanotube composites compatibilized with polysulfones-II. Mechanical and electrical properties. <i>Carbon</i> , 2010, 48, 3500-3511.	5.4	114
54	Electron Microscopy (TEM) and X-ray Spectromicroscopy (STXM) of PP/MMT/PP-g-MA and PP/MMT/SEBS Nanocomposites. <i>Materials Research Society Symposia Proceedings</i> , 2010, 1257, 1.	0.1	0

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55	Novel Melt-Processable Nanocomposites Based on Isotactic Polypropylene and Carbon Nitride: Morphology, Crystallization, and Dynamic Mechanical Properties. <i>Soft Materials</i> , 2010, 8, 407-425.	0.8	17
56	Interfacial Interactions in PP/MMT/SEBS Nanocomposites. <i>Macromolecules</i> , 2010, 43, 448-453.	2.2	44
57	Novel Melt-Processable Poly(ether ether ketone)(PEEK)/Inorganic Fullerene-like WS ₂ Nanoparticles for Critical Applications. <i>Journal of Physical Chemistry B</i> , 2010, 114, 11444-11453.	1.2	66
58	Novel nanocomposites reinforced with hydroxylated poly(ether ether ketone)-grafted carbon nanotubes. <i>Journal of Materials Chemistry</i> , 2010, 20, 8247.	6.7	49
59	Grafting of a hydroxylated poly(ether ether ketone) to the surface of single-walled carbon nanotubes. <i>Journal of Materials Chemistry</i> , 2010, 20, 8285.	6.7	48
60	The influence of a compatibilizer on the thermal and dynamic mechanical properties of PEEK/carbon nanotube composites. <i>Nanotechnology</i> , 2009, 20, 315707.	1.3	87
61	Crystalline Transformations in Nylon-6/Single-Walled Carbon Nanotube Nanocomposites. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 6120-6126.	0.9	14
62	Structural characterization and thermal decomposition of layered double hydroxide/poly(p-dioxanone) nanocomposites. <i>Polymer Degradation and Stability</i> , 2009, 94, 804-809.	2.7	24
63	Development and characterization of PEEK/carbon nanotube composites. <i>Carbon</i> , 2009, 47, 3079-3090.	5.4	170
64	Unique Nucleation Activity of Inorganic Fullerene-like WS ₂ Nanoparticles in Polyphenylene Sulfide Nanocomposites: Isokinetic and Isoconversional Study of Dynamic Crystallization Kinetics. <i>Journal of Physical Chemistry B</i> , 2009, 113, 7107-7115.	1.2	41
65	Spectromicroscopy Study of Intercalation and Exfoliation in Polypropylene/Montmorillonite Nanocomposites. <i>Journal of Physical Chemistry B</i> , 2009, 113, 11160-11165.	1.2	30
66	Synthesis of poly(vinyl alcohol)/reduced graphite oxide nanocomposites with improved thermal and electrical properties. <i>Journal of Materials Chemistry</i> , 2009, 19, 5027.	6.7	287
67	Synthesis and Characterization of Poly(ether ether ketone) Derivatives Obtained by Carbonyl Reduction. <i>Macromolecules</i> , 2009, 42, 6885-6892.	2.2	78
68	Polymeric Modification of Graphene through Esterification of Graphite Oxide and Poly(vinyl) Tj ETQq0 0 0 rgBT /Overlap 10 Tf 50 222 T	2.2	506
69	Use of Inorganic Fullerene-like WS ₂ to Produce New High-Performance Polyphenylene Sulfide Nanocomposites: Role of the Nanoparticle Concentration. <i>Journal of Physical Chemistry B</i> , 2009, 113, 10104-10111.	1.2	54
70	Analysis of the isothermal crystallization of polypropylene/wood flour composites. <i>Journal of Thermal Analysis and Calorimetry</i> , 2008, 94, 119-127.	2.0	21
71	Synthesis of a [60] fullerene-Functionalized isotactic polypropylene derivative. <i>Journal of Polymer Science Part A</i> , 2008, 46, 6722-6733.	2.5	12
72	Optimizing the balance between impact strength and stiffness in polypropylene/elastomer blends by incorporation of a nucleating agent. <i>Polymer Engineering and Science</i> , 2008, 48, 80-87.	1.5	42

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73	Isothermal crystallization kinetics of isotactic polypropylene with inorganic fullerene-like WS ₂ nanoparticles. <i>Thermochimica Acta</i> , 2008, 472, 11-16.	1.2	35
74	Unique Isothermal Crystallization Behavior of Novel Polyphenylene Sulfide/Inorganic Fullerene-like WS ₂ Nanocomposites. <i>Journal of Physical Chemistry B</i> , 2008, 112, 14819-14828.	1.2	47
75	Formation of crystalline inclusion compounds of poly (vinyl chloride) of different stereoregularity with β -cyclodextrin. <i>Journal of Polymer Science Part A</i> , 2007, 45, 2503-2513.	2.5	13
76	Synthesis of a [60]fullerene- ϵ -functionalized poly(vinyl chloride) derivative by stereospecific chemical modification of PVC. <i>Journal of Polymer Science Part A</i> , 2007, 45, 5408-5419.	2.5	16
77	Influence of inorganic fullerene- ϵ -like WS ₂ nanoparticles on the thermal behavior of isotactic polypropylene. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2007, 45, 2309-2321.	2.4	77
78	Influence of a nucleating agent on the crystallization behaviour of isotactic polypropylene and elastomer blends. <i>Polymer</i> , 2007, 48, 5324-5331.	1.8	55
79	Nature of the Crystalline Interphase in Sheared IPP/Vectra Fiber Model Composites by Microfocus X-ray Diffraction and IR Microspectroscopy Using Synchrotron Radiation. <i>Macromolecules</i> , 2006, 39, 5564-5568.	2.2	23
80	Kinetic analysis of thermo-oxidative degradation of PEEK/thermotropic liquid crystalline polymer blends. <i>Polymer Engineering and Science</i> , 2006, 46, 129-138.	1.5	13
81	Isothermal crystallization kinetics of PEEK/Vectra [®] blends by DSC and time-resolved synchrotron X-ray diffraction. <i>Polymer Engineering and Science</i> , 2006, 46, 1411-1418.	1.5	14
82	Dynamic crystallization of polypropylene and wood-based composites. <i>Journal of Applied Polymer Science</i> , 2006, 102, 6028-6036.	1.3	20
83	The effect of compatibilization on the dynamic properties of polypropylene/nylon-6 blends studied by broad band dielectric spectroscopy. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2005, 43, 1408-1420.	2.4	8
84	The Study of Heterogeneous Polymer Systems by Synchrotron Infrared Microscopy. <i>Journal of Macromolecular Science - Physics</i> , 2004, 43, 253-266.	0.4	25
85	Melting behavior in blends of isotactic polypropylene and a liquid crystalline polymer. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2004, 42, 1949-1959.	2.4	22
86	Highly resolved transmission infrared microscopy in polymer science. <i>Infrared Physics and Technology</i> , 2004, 45, 349-364.	1.3	25
87	Synchrotron Infrared Microscopy Study of the Crystalline Morphology of the Interphase in Polypropylene/LCP-Fiber Model Composites. <i>Journal of Macromolecular Science - Physics</i> , 2004, 43, 191-206.	0.4	37
88	Polymorphic Transformation in Isotactic 1-Butene/Ethylene Copolymers. <i>Macromolecules</i> , 2004, 37, 3755-3762.	2.2	78
89	Controlling the Polymorphic Behaviors of Semicrystalline Polymers with Cyclodextrins. <i>Crystal Growth and Design</i> , 2004, 4, 1431-1441.	1.4	33
90	Nanostructuring High Molecular Weight Isotactic Polyolefins via Processing with β -Cyclodextrin Inclusion Compounds. Formation and Characterization of Polyolefin- β -Cyclodextrin Inclusion Compounds. <i>Macromolecules</i> , 2004, 37, 7992-7999.	2.2	46

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91	Analysis of the isothermal crystallization of isotactic polypropylene nucleated with sorbitol derivatives. Journal of Applied Polymer Science, 2003, 88, 2261-2274.	1.3	48
92	Isothermal crystallisation of iPP/Vectra blends by DSC and simultaneous SAXS and WAXS measurements employing synchrotron radiation. Polymer, 2003, 44, 5209-5217.	1.8	30
93	Thermal properties, structure and morphology of PEEK/thermotropic liquid crystalline polymer blends. Polymer International, 2003, 52, 1876-1886.	1.6	31
94	Comparative study of the nucleation activity of third-generation sorbitol-based nucleating agents for isotactic polypropylene. Journal of Applied Polymer Science, 2002, 84, 2440-2450.	1.3	104
95	Highly efficient nucleating additive for isotactic polypropylene studied by differential scanning calorimetry. Journal of Applied Polymer Science, 2002, 84, 1669-1679.	1.3	68
96	Activity of a \hat{I}^2 -nucleating agent for isotactic polypropylene and its influence on polymorphic transitions. Journal of Applied Polymer Science, 2002, 86, 531-539.	1.3	96
97	Title is missing!. Magyar Apr ³ vad K ^Å zlem ^Å nyek, 2002, 68, 61-74.	1.4	27
98	On the presence of polytetrahydrofuran in the polyspiro-phosphazenes [NP(O ₂ C ₁₂ H ₈)] _n prepared from [NPCl ₂] _n and 2,2'-dihydroxybiphenyl in THF as solvent. Journal of Applied Polymer Science, 2000, 77, 568-576.	1.3	16
99	Small angle X-ray diffraction study of blends of nylon 6 and a liquid crystal copolyester. Polymer, 2000, 41, 2295-2299.	1.8	11
100	Practical considerations in the study of main-chain thermotropic liquid-crystalline polymers by vibrational microscopy. Analisis - European Journal of Analytical Chemistry, 2000, 28, 22-29.	0.4	1
101	Dielectric study of the main-chain liquid-crystal polyesters poly(alkyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 347 Td (terephthaloyl) 111-116.	1.8	3
102	Isothermal crystallization of nylon 6/liquid crystal copolyester blends. Polymer, 1999, 40, 4259-4271.	1.8	15
103	\hat{I}^{\pm} , \hat{I}^2 and \hat{I}^3 relaxations of functionalized HD polyethylene: a TSDC and a mechanical study. Polymer, 1999, 40, 6405-6416.	1.8	34
104	Thermal decomposition of technological polymer blends 1. Poly(aryl ether ether ketone) with a thermotropic liquid crystalline polymer. Polymer Degradation and Stability, 1999, 66, 405-413.	2.7	47
105	Effect on TSDC relaxation spectra of substitutions in the mesogenic unit and in the flexible spacer of poly(tetramethylene terephthaloyl-bis-4-oxybenzoate). Journal of Polymer Science, Part B: Polymer Physics, 1999, 37, 3038-3049.	2.4	0
106	Thermogravimetric Analysis of Blends Based on Nylon 6 and a Thermotropic Liquid Crystal Copolyester. Magyar Apr ³ vad K ^Å zlem ^Å nyek, 1998, 52, 705-715.	1.4	11
107	Title is missing!. Magyar Apr ³ vad K ^Å zlem ^Å nyek, 1998, 52, 683-695.	1.4	7
108	Structure and thermal properties of blends of nylon 6 and a liquid crystal copolyester1Dedicated to the memory of Prof. J.G. Fatou.1. Polymer, 1998, 39, 6279-6288.	1.8	113

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109	Dielectric relaxations and phase transitions in thermotropic polymer liquid crystals: poly(N-ethylene Tj ETQq1 1 0.784314 rgBT /Overbo	1.8	10
110	Thermal behaviour and structure of cyanophenoxy copolymers of poly(bis-phenoxyphosphazene). European Polymer Journal, 1996, 32, 717-723.	2.6	10
111	Crystallization kinetics of polypropylene-polyamide compatibilized blends. European Polymer Journal, 1995, 31, 475-480.	2.6	61
112	Relaxations in liquid crystalline poly(tetraethylene oxide terephthaloyl-bis-4-oxybenzoate). Journal of Polymer Science, Part B: Polymer Physics, 1995, 33, 1259-1267.	2.4	14
113	Structural effects on the thermal degradation of main-chain thermotropic liquid crystal polyesters. Vibrational Spectroscopy, 1995, 9, 43-48.	1.2	6
114	Analysis of the influence of chemical structure and thermal history on thermotropic liquid crystal polyesters by infrared and Raman spectroscopy. Vibrational Spectroscopy, 1995, 9, 49-56.	1.2	10
115	FT Raman study of orientation and crystallization processes in poly(ethylene terephthalate). Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 1995, 51, 2139-2145.	2.0	26
116	The influence of asymmetric lateral branching in the flexible spacer on the properties of a main-chain thermotropic liquid crystal polyester. Polymer Bulletin, 1994, 33, 505-512.	1.7	6
117	Glass transition temperatures in liquid crystalline poly(decamethylene-4,4'-diphenoxy terephthalate). Journal of Materials Science Letters, 1994, 13, 1095-1097.	0.5	4
118	Modifications in the mesogenic unit of poly(oxytetramethyleneoxycarbonyl-3-chloro-1,4-phenyleneoxyterephthaloyloxy-2-chloro-1,4-phenylenecarbonyl). Macromolecular Chemistry and Physics, 1994, 195, 2049-2056.	1.1	11
119	The thermal decomposition of poly[alkyl-4,4'-diphenoxy terephthalate)s. European Polymer Journal, 1994, 30, 621-627.	2.6	15
120	Relationship between Mesophase and Semicrystalline Morphology in Smectic Liquid Crystalline Polymers. Macromolecules, 1994, 27, 3357-3362.	2.2	13
121	Miscibility of poly(vinyl chloride)/poly(ethylene oxide) blends. I. Thermal properties and solid state ¹³ C-NMR study. European Polymer Journal, 1993, 29, 1477-1481.	2.6	24
122	Miscibility of poly(vinyl chloride)/poly(ethylene oxide) blends. II. An inverse gas chromatography study. European Polymer Journal, 1993, 29, 1483-1487.	2.6	21
123	Three dimensional ordering in liquid crystalline poly(alkyl-4,4'-diphenoxy terephthalate)s. European Polymer Journal, 1993, 29, 1161-1169.	2.6	3
124	Thermal stability of thermotropic liquid crystals: poly(alkyl-4,4'-diphenoxy terephthalate)s. Polymer Degradation and Stability, 1993, 41, 333-340.	2.7	10
125	Thermal transitions in poly(alkyl-4,4'-diphenoxy terephthalate)s. Polymer Bulletin, 1993, 31, 97-104.	1.7	5
126	Kinetics of three-dimensional ordering in the thermotropic liquid crystal poly(decamethylene-4,4'-diphenoxy terephthalate). Macromolecules, 1992, 25, 4392-4398.	2.2	23

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127	Polymorphism in liquid crystalline poly[tetramethylene terephthaloyl bis(4-oxybenzoate)]. <i>Macromolecules</i> , 1992, 25, 4642-4648.	2.2	18
128	Effect of branched alkyl spacers in liquid crystalline poly[2,2-dimethyl(trimethylene)terephthaloyl-bis-4-oxybenzoate]. <i>Polymer</i> , 1992, 33, 202-205.	1.8	12
129	Thermal and structural study of the phase transitions in liquid crystalline poly(heptamethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 227 Td (o	1.8	17
130	Kinetics of the phase transition in liquid crystalline poly(alkyl terephthaloyl bis-(4-oxybenzoate))s. <i>European Polymer Journal</i> , 1992, 28, 911-921.	2.6	11
131	Thermal phase transitions of substituted poly[bis(4-R-phenoxy)phosphazenes]. <i>Macromolecules</i> , 1991, 24, 3276-3284.	2.2	26
132	Effect of substituents on the thermal transitions and degradation behavior of poly[bis(R-phenoxy)phosphazenes]. <i>Macromolecules</i> , 1991, 24, 4827-4833.	2.2	25
133	Structural, conformational, and motional studies of the crystalline polymorphs of syndiotactic polystyrene. <i>Macromolecules</i> , 1991, 24, 3533-3536.	2.2	25
134	Solid-state NMR observations of the crystalline conformation of poly(dimethylsiloxane). <i>Macromolecules</i> , 1991, 24, 6552-6553.	2.2	32
135	Fourier transform Raman spectroscopic study of main-chain thermotropic liquid crystalline polyesters. <i>Spectrochimica Acta Part A: Molecular Spectroscopy</i> , 1991, 47, 1353-1366.	0.1	22
136	Study of the correlation between the backbone conformation and the electronic structure of polydiacetylenes by solid state ¹³ C n.m.r.. <i>Polymer</i> , 1991, 32, 1834-1840.	1.8	25
137	Solid state ¹³ C n.m.r. study of poly(p-phenylene sulphide) and two model compounds. <i>Polymer</i> , 1991, 32, 796-801.	1.8	13
138	Thermal transitions of liquid crystal polyesters: Poly(decamethylene-4,4'-diphenoxy terephthalate). <i>Polymer Bulletin</i> , 1991, 27, 81-88.	1.7	11
139	Raman spectroscopic study of a substituted poly(phosphazene). <i>Polymer Bulletin</i> , 1991, 25, 351-356.	1.7	4
140	Influence of composition and molecular weights on the microhardness of poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 Td (o 1011-1013.	0.5	3
141	High resolution carbon-13 NMR observations of two crystalline model compounds for syndiotactic polystyrene. <i>Journal of the American Chemical Society</i> , 1990, 112, 5881-5882.	6.6	12
142	Carbon-13 nuclear magnetic resonance study of chain conformation in the solid polymorphs of syndiotactic polystyrene. <i>Macromolecules</i> , 1990, 23, 3385-3386.	2.2	61
143	Molecular weight effect on the miscibility of poly(ethylene oxide) and isotactic poly(methyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 227 Td (o	2.2	49
144	Structure and morphology of ethylene-vinyl chloride copolymers. <i>Macromolecules</i> , 1989, 22, 4441-4451.	2.2	21

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145	Thermochromic phase transition of a polydiacetylene, poly(ETCD), studied by high-resolution solid-state carbon-13 NMR. <i>Macromolecules</i> , 1989, 22, 1208-1215.	2.2	117
146	Structural and morphological study of a melt-crystallized polydiacetylene. <i>Macromolecules</i> , 1989, 22, 2427-2432.	2.2	30
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148	Structure of one crystal modification of poly(3,3-diethyl oxetane). <i>Polymer</i> , 1988, 29, 224-228.	1.8	10
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150	Multinuclear solid state NMR study of phase transitions in poly[bis(4-ethylphenoxy)phosphazene]. <i>Macromolecules</i> , 1988, 21, 2301-2304.	2.2	19
151	Decomposition of overlapped solid-state carbon-13 NMR resonances belonging to different stereosequences in an atactic polymer. <i>Macromolecules</i> , 1988, 21, 2934-2937.	2.2	5
152	Variable temperature, high resolution solid state carbon-13 NMR study of 1,4-trans-polybutadiene. <i>Macromolecules</i> , 1987, 20, 2954-2957.	2.2	23
153	Study of the thermochromic phase transition of a polydiacetylene by solid state carbon-13 NMR. <i>Macromolecules</i> , 1987, 20, 3094-3097.	2.2	34
154	Solid-state carbon-13 NMR study of poly(3,3-diethyloxetane). <i>Macromolecules</i> , 1987, 20, 1761-1766.	2.2	7
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157	Crystallization kinetics of poly(3,3-diethyl oxetane). <i>European Polymer Journal</i> , 1986, 22, 43-47.	2.6	11
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