

Marian A Gomez-Fatou Rodriguez

List of Publications by Year in descending order

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160
papers

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162
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times ranked

6169
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#	ARTICLE	IF	CITATIONS
1	Polymeric Modification of Graphene through Esterification of Graphite Oxide and Poly(vinyl Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 506	4.8	506
2	Nanoindentation in polymer nanocomposites. Progress in Materials Science, 2015, 67, 1-94.	32.8	306
3	Synthesis of poly(vinyl alcohol)/reduced graphite oxide nanocomposites with improved thermal and electrical properties. Journal of Materials Chemistry, 2009, 19, 5027.	6.7	287
4	High-performance nanocomposites based on polyetherketones. Progress in Materials Science, 2012, 57, 1106-1190.	32.8	222
5	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.	10.3	190
6	Development and characterization of PEEK/carbon nanotube composites. Carbon, 2009, 47, 3079-3090.	10.3	170
7	Opportunities and challenges in the use of inorganic fullerene-like nanoparticles to produce advanced polymer nanocomposites. Progress in Polymer Science, 2013, 38, 1163-1231.	24.7	154
8	Influence of carbon nanotubes on the thermal, electrical and mechanical properties of poly(ether) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 506	10.3	130
9	Thermochromic phase transition of a polydiacetylene, poly(ETCD), studied by high-resolution solid-state carbon-13 NMR. Macromolecules, 1989, 22, 1208-1215.	4.8	117
10	High performance PEEK/carbon nanotube composites compatibilized with polysulfones-II. Mechanical and electrical properties. Carbon, 2010, 48, 3500-3511.	10.3	114
11	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.	3.8	113
12	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.	2.6	104
13	Activity of a $\hat{1}^2$ -nucleating agent for isotactic polypropylene and its influence on polymorphic transitions. Journal of Applied Polymer Science, 2002, 86, 531-539.	2.6	96
14	Multiscale fiber-reinforced thermoplastic composites incorporating carbon nanotubes: A review. Current Opinion in Solid State and Materials Science, 2014, 18, 62-80.	11.5	90
15	High performance PEEK/carbon nanotube composites compatibilized with polysulfones-I. Structure and thermal properties. Carbon, 2010, 48, 3485-3499.	10.3	88
16	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.	7.6	88
17	The influence of a compatibilizer on the thermal and dynamic mechanical properties of PEEK/carbon nanotube composites. Nanotechnology, 2009, 20, 315707.	2.6	87
18	High-resolution solid-state ^{13}C nuclear magnetic resonance study of isotactic polypropylene polymorphs. Polymer, 1987, 28, 2227-2232.	3.8	83

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19	Polymorphic Transformation in Isotactic 1-Butene/Ethylene Copolymers. <i>Macromolecules</i> , 2004, 37, 3755-3762.	4.8	78
20	Synthesis and Characterization of Poly(ether ether ketone) Derivatives Obtained by Carbonyl Reduction. <i>Macromolecules</i> , 2009, 42, 6885-6892.	4.8	78
21	Influence of inorganic fullerene-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.	2.1	77
22	Solvent-Free Preparation of High-Toughness Epoxy/SWNT Composite Materials. <i>ACS Applied Materials & Interfaces</i> , 2011, 3, 1441-1450.	8.0	70
23	Poly(phenylene sulphide) and poly(ether ether ketone) composites reinforced with single-walled carbon nanotube buckypaper: I st Structure, thermal stability and crystallization behaviour. <i>Composites Part A: Applied Science and Manufacturing</i> , 2012, 43, 997-1006.	7.6	70
24	Highly efficient nucleating additive for isotactic polypropylene studied by differential scanning calorimetry. <i>Journal of Applied Polymer Science</i> , 2002, 84, 1669-1679.	2.6	68
25	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.	2.6	66
26	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.	3.1	63
27	Carbon-13 nuclear magnetic resonance study of chain conformation in the solid polymorphs of syndiotactic polystyrene. <i>Macromolecules</i> , 1990, 23, 3385-3386.	4.8	61
28	Crystallization kinetics of polypropylene-polyamide compatibilized blends. <i>European Polymer Journal</i> , 1995, 31, 475-480.	5.4	61
29	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
30	Covalent functionalization of MWCNTs with poly(p-phenylene sulphide) oligomers: a route to the efficient integration through a chemical approach. <i>Journal of Materials Chemistry</i> , 2012, 22, 21285.	6.7	58
31	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.	7.6	57
32	Influence of a nucleating agent on the crystallization behaviour of isotactic polypropylene and elastomer blends. <i>Polymer</i> , 2007, 48, 5324-5331.	3.8	55
33	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.	2.6	54
34	Processing and properties of PEEK/glass fiber laminates: Effect of addition of single-walled carbon nanotubes. <i>Composites Part A: Applied Science and Manufacturing</i> , 2012, 43, 1267-1279.	7.6	50
35	Molecular weight effect on the miscibility of poly(ethylene oxide) and isotactic poly(methyl Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tj	4.8	49
36	Novel nanocomposites reinforced with hydroxylated poly(ether ether ketone)-grafted carbon nanotubes. <i>Journal of Materials Chemistry</i> , 2010, 20, 8247.	6.7	49

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37	Analysis of the isothermal crystallization of isotactic polypropylene nucleated with sorbitol derivatives. <i>Journal of Applied Polymer Science</i> , 2003, 88, 2261-2274.	2.6	48
38	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
39	Thermal decomposition of technological polymer blends 1. Poly(aryl ether ether ketone) with a thermotropic liquid crystalline polymer. <i>Polymer Degradation and Stability</i> , 1999, 66, 405-413.	5.8	47
40	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.	2.6	47
41	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.	4.8	46
42	Interfacial Interactions in PP/MMT/SEBS Nanocomposites. <i>Macromolecules</i> , 2010, 43, 448-453.	4.8	44
43	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.	3.1	42
44	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.	2.6	41
45	Nanoindentation Assessment of the Interphase in Carbon Nanotube-Based Hierarchical Composites. <i>Journal of Physical Chemistry C</i> , 2012, 116, 24193-24200.	3.1	40
46	Crystallization behaviour of polyoxetanes: poly(oxetane), poly(3,3-dimethyloxetane) and poly(3,3-diethyloxetane). <i>Colloid and Polymer Science</i> , 1983, 261, 571-576.	2.1	39
47	High-resolution solid-state carbon-13 NMR study of the .alpha. and .beta. crystalline forms of poly(butylene terephthalate). <i>Macromolecules</i> , 1988, 21, 388-392.	4.8	39
48	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.	1.0	37
49	Isothermal crystallization kinetics of isotactic polypropylene with inorganic fullerene-like WS ₂ nanoparticles. <i>Thermochimica Acta</i> , 2008, 472, 11-16.	2.7	35
50	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.	5.0	35
51	Study of the thermochromic phase transition of a polydiacetylene by solid state carbon-13 NMR. <i>Macromolecules</i> , 1987, 20, 3094-3097.	4.8	34
52	\hat{I}_1 , \hat{I}_2 and \hat{I}_3 relaxations of functionalized HD polyethylene: a TSDC and a mechanical study. <i>Polymer</i> , 1999, 40, 6405-6416.	3.8	34
53	The crystallization of polypropylene in multiwall carbon nanotube-based composites. <i>Polymer Composites</i> , 2011, 32, 324-333.	4.6	34
54	Controlling the Polymorphic Behaviors of Semicrystalline Polymers with Cyclodextrins. <i>Crystal Growth and Design</i> , 2004, 4, 1431-1441.	3.0	33

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55	Towards a new generation of polymer nanocomposites based on inorganic nanotubes. Journal of Materials Chemistry, 2011, 21, 3574.	6.7	33
56	Novel melt-processable nylon-6/inorganic fullerene-like WS ₂ nanocomposites for critical applications. Materials Chemistry and Physics, 2011, 129, 641-648.	4.0	33
57	Development of Advanced Elastomeric Conductive Nanocomposites by Selective Chemical Affinity of Modified Graphene. Macromolecules, 2016, 49, 4948-4956.	4.8	33
58	Solid-state NMR observations of the crystalline conformation of poly(dimethylsiloxane). Macromolecules, 1991, 24, 6552-6553.	4.8	32
59	Thermal properties, structure and morphology of PEEK/thermotropic liquid crystalline polymer blends. Polymer International, 2003, 52, 1876-1886.	3.1	31
60	Isothermal Crystallization Kinetics of Novel Isotactic Polypropylene/MoS ₂ Inorganic Nanotube Nanocomposites. Journal of Physical Chemistry B, 2011, 115, 2248-2255.	2.6	31
61	Epoxy composites with covalently anchored amino-functionalized SWNTs: towards the tailoring of physical properties through targeted functionalization. Journal of Materials Chemistry, 2011, 21, 14948.	6.7	31
62	Structural and morphological study of a melt-crystallized polydiacetylene. Macromolecules, 1989, 22, 2427-2432.	4.8	30
63	Isothermal crystallisation of iPP/Vectra blends by DSC and simultaneous SAXS and WAXS measurements employing synchrotron radiation. Polymer, 2003, 44, 5209-5217.	3.8	30
64	Spectromicroscopy Study of Intercalation and Exfoliation in Polypropylene/Montmorillonite Nanocomposites. Journal of Physical Chemistry B, 2009, 113, 11160-11165.	2.6	30
65	Interfacial Interactions in Polypropylene/Organoclay/Elastomer Nanocomposites: Influence of Polar Modifications on the Location of the Clay. Macromolecules, 2011, 44, 2179-2189.	4.8	30
66	Title is missing!. Magyar Árvilág Kézikönyvek, 2002, 68, 61-74.	1.4	27
67	Thermal phase transitions of substituted poly[bis(4-R-phenoxy)phosphazenes]. Macromolecules, 1991, 24, 3276-3284.	4.8	26
68	FT Raman study of orientation and crystallization processes in poly(ethylene terephthalate). Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 1995, 51, 2139-2145.	3.9	26
69	Mechanical and electrical properties of novel poly(ether ether ketone)/carbon nanotube/inorganic fullerene-like WS ₂ hybrid nanocomposites: Experimental measurements and theoretical predictions. Materials Chemistry and Physics, 2011, 130, 126-133.	4.0	26
70	Effect of substituents on the thermal transitions and degradation behavior of poly[bis(R-phenoxy)phosphazenes]. Macromolecules, 1991, 24, 4827-4833.	4.8	25
71	Structural, conformational, and motional studies of the crystalline polymorphs of syndiotactic polystyrene. Macromolecules, 1991, 24, 3533-3536.	4.8	25
72	Study of the correlation between the backbone conformation and the electronic structure of polydiacetylenes by solid state ¹³ C n.m.r.. Polymer, 1991, 32, 1834-1840.	3.8	25

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73	The Study of Heterogeneous Polymer Systems by Synchrotron Infrared Microscopy. <i>Journal of Macromolecular Science - Physics</i> , 2004, 43, 253-266.	1.0	25
74	Highly resolved transmission infrared microscopy in polymer science. <i>Infrared Physics and Technology</i> , 2004, 45, 349-364.	2.9	25
75	Studies of the phase transitions in poly[bis(4-ethylphenoxy)phosphazene] and poly[bis(4-tertbutylphenoxy)phosphazene]. 1. Phosphorus-31 NMR study. <i>Macromolecules</i> , 1989, 22, 1031-1036.	4.8	24
76	Miscibility of poly(vinyl chloride)/poly(ethylene oxide) blends. I. Thermal properties and solid state ¹³ C-NMR study. <i>European Polymer Journal</i> , 1993, 29, 1477-1481.	5.4	24
77	Structural characterization and thermal decomposition of layered double hydroxide/poly(p-dioxanone) nanocomposites. <i>Polymer Degradation and Stability</i> , 2009, 94, 804-809.	5.8	24
78	Wrapping of SWCNTs in Polyethylenoxide-Based Amphiphilic Diblock Copolymers: An Approach to Purification, Debundling, and Integration into the Epoxy Matrix. <i>Journal of Physical Chemistry C</i> , 2012, 116, 7399-7408.	3.1	24
79	Evaluating the Reinforcement of Inorganic Fullerene-like Nanoparticles in Thermoplastic Matrices by Depth-Sensing Indentation. <i>Journal of Physical Chemistry C</i> , 2013, 117, 20936-20943.	3.1	24
80	Variable temperature, high resolution solid state carbon-13 NMR study of 1,4-trans-polybutadiene. <i>Macromolecules</i> , 1987, 20, 2954-2957.	4.8	23
81	Kinetics of three-dimensional ordering in the thermotropic liquid crystal poly(decamethylene-4,4'-diphenoxy terephthalate). <i>Macromolecules</i> , 1992, 25, 4392-4398.	4.8	23
82	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.	4.8	23
83	Scalable graphene-based nanocomposite coatings for flexible and washable conductive textiles. <i>Carbon</i> , 2020, 167, 495-503.	10.3	23
84	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
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.	2.1	22
86	Local mechanical properties of graphene/polyethylene-based nanocomposites by depth-sensing indentation. <i>European Polymer Journal</i> , 2016, 74, 120-129.	5.4	22
87	Nanoindentation mapping of multiscale composites of graphene-reinforced polypropylene and carbon fibres. <i>Composites Science and Technology</i> , 2019, 169, 151-157.	7.8	22
88	Structure and morphology of ethylene-vinyl chloride copolymers. <i>Macromolecules</i> , 1989, 22, 4441-4451.	4.8	21
89	Miscibility of poly(vinyl chloride)/poly(ethylene oxide) blends. II. An inverse gas chromatography study. <i>European Polymer Journal</i> , 1993, 29, 1483-1487.	5.4	21
90	Analysis of the isothermal crystallization of polypropylene/wood flour composites. <i>Journal of Thermal Analysis and Calorimetry</i> , 2008, 94, 119-127.	3.6	21

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91	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, .	2.4	21
92	Dynamic crystallization of polypropylene and wood-based composites. <i>Journal of Applied Polymer Science</i> , 2006, 102, 6028-6036.	2.6	20
93	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.	5.0	20
94	Multinuclear solid state NMR study of phase transitions in poly[bis(4-ethylphenoxy)phosphazene]. <i>Macromolecules</i> , 1988, 21, 2301-2304.	4.8	19
95	Polymorphism in liquid crystalline poly[tetramethylene terephthaloyl bis(4-oxybenzoate)]. <i>Macromolecules</i> , 1992, 25, 4642-4648.	4.8	18
96	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.	4.0	18
97	Thermal and structural study of the phase transitions in liquid crystalline poly(heptamethylene Tj ETQq1 1 0.784314.rgBT /Overlock 10	3.8	17
98	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.	1.7	17
99	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.	2.6	17
100	Poly(ether ether ketone)-based hierarchical composites for tribological applications. <i>Chemical Engineering Journal</i> , 2013, 218, 285-294.	12.7	17
101	The overlooked role of reduced graphene oxide in the reinforcement of hydrophilic polymers. <i>Journal of Materials Chemistry C</i> , 2015, 3, 1177-1180.	5.5	17
102	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.	5.4	17
103	Graphene and Polyethylene: A Strong Combination Towards Multifunctional Nanocomposites. <i>Polymers</i> , 2020, 12, 2094.	4.5	17
104	Solubility parameters in polyoxetanes: Poly(oxetane), poly(3,3-dimethyl oxetane), and poly(3,3-diethyloxetane). <i>Journal of Applied Polymer Science</i> , 1982, 27, 3721-3728.	2.6	16
105	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. <i>Journal of Applied Polymer Science</i> , 2000, 77, 568-576.	2.6	16
106	Synthesis of a [60]fullerene-€functionalized poly(vinyl chloride) derivative by stereospecific chemical modification of PVC. <i>Journal of Polymer Science Part A</i> , 2007, 45, 5408-5419.	2.3	16
107	A Solvent-€Free Dispersion Method for the Preparation of PET/MWCNT Composites. <i>Macromolecular Materials and Engineering</i> , 2010, 295, 652-659.	3.6	16
108	Choosing the Chemical Route for Carbon Nanotube Integration in Poly(vinylidene fluoride). <i>Journal of Physical Chemistry C</i> , 2012, 116, 16217-16225.	3.1	16

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109	Spherulitic growth rates of poly(3,3-diethyl oxetane). <i>European Polymer Journal</i> , 1986, 22, 661-664.	5.4	15
110	The thermal decomposition of poly[alkyl-4,4- ϵ^2 -(terephthaloyldioxy)dibenzoate]s. <i>European Polymer Journal</i> , 1994, 30, 621-627.	5.4	15
111	Isothermal crystallization of nylon 6/liquid crystal copolyester blends. <i>Polymer</i> , 1999, 40, 4259-4271.	3.8	15
112	Relaxations in liquid crystalline poly(tetraethylene oxide terephthaloyl-bis-4-oxybenzoate). <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1995, 33, 1259-1267.	2.1	14
113	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.	3.1	14
114	Crystalline Transformations in Nylon-6/Single-Walled Carbon Nanotube Nanocomposites. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 6120-6126.	0.9	14
115	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.	5.8	14
116	Reactive fillers based on SWCNTs functionalized with matrix-based moieties for the production of epoxy composites with superior and tunable properties. <i>Nanotechnology</i> , 2012, 23, 285702.	2.6	14
117	Solid state ¹³ C n.m.r. study of poly(p-phenylene sulphide) and two model compounds. <i>Polymer</i> , 1991, 32, 796-801.	3.8	13
118	Relationship between Mesophase and Semicrystalline Morphology in Smectic Liquid Crystalline Polymers. <i>Macromolecules</i> , 1994, 27, 3357-3362.	4.8	13
119	Kinetic analysis of thermo-oxidative degradation of PEEK/thermotropic liquid crystalline polymer blends. <i>Polymer Engineering and Science</i> , 2006, 46, 129-138.	3.1	13
120	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.	2.3	13
121	Polymer Blend Nanocomposites: Effect of Selective Nanotube Location on the Properties of a Semicrystalline Thermoplastic-Toughened Epoxy Thermoset. <i>Macromolecular Materials and Engineering</i> , 2014, 299, 1430-1444.	3.6	13
122	Searching for effective compatibilizing agents for the preparation of poly(ether ether) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 Td (ket Manufacturing, 2018, 113, 180-188.	7.6	13
123	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.	13.7	12
124	Effect of branched alkyl spacers in liquid crystalline poly[2,2-dimethyl(trimethylene)terephthaloyl-bis-4-oxybenzoate]. <i>Polymer</i> , 1992, 33, 202-205.	3.8	12
125	Synthesis of a [60] fullerene ϵ^2 Functionalized isotactic polypropylene derivative. <i>Journal of Polymer Science Part A</i> , 2008, 46, 6722-6733.	2.3	12
126	Facile one-pot exfoliation and integration of 2D layered materials by dispersion in a photocurable polymer precursor. <i>Nanoscale</i> , 2017, 9, 10590-10595.	5.6	12

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127	Crystallization kinetics of poly(3,3-diethyl oxetane). European Polymer Journal, 1986, 22, 43-47.	5.4	11
128	Thermal transitions of liquid crystal polyesters: Poly(decamethylene-4,4'-diphenoxy terephthalate). Polymer Bulletin, 1991, 27, 81-88.	3.3	11
129	Kinetics of the phase transition in liquid crystalline poly(alkyl terephthaloyl bis-(4-oxybenzoate))s. European Polymer Journal, 1992, 28, 911-921.	5.4	11
130	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.	2.2	11
131	Thermogravimetric Analysis of Blends Based on Nylon 6 and a Thermotropic Liquid Crystal Copolyester. Magyar Árvad Képzelmények, 1998, 52, 705-715.	1.4	11
132	Small angle X-ray diffraction study of blends of nylon 6 and a liquid crystal copolyester. Polymer, 2000, 41, 2295-2299.	3.8	11
133	Structure of one crystal modification of poly(3,3-diethyl oxetane). Polymer, 1988, 29, 224-228.	3.8	10
134	Thermal stability of thermotropic liquid crystals: poly(alkyl-4,4'-diphenoxy terephthalate)s. Polymer Degradation and Stability, 1993, 41, 333-340.	5.8	10
135	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.	2.2	10
136	Thermal behaviour and structure of cyanophenoxy copolymers of poly(bis-phenoxyphosphazene). European Polymer Journal, 1996, 32, 717-723.	5.4	10
137	The effect of compatibilization on the dynamic properties of polypropylene/nylon-6 blends studied by broad band dielectric spectroscopy. Journal of Polymer Science, Part B: Polymer Physics, 2005, 43, 1408-1420.	2.1	8
138	Anhydride-based chemistry on graphene for advanced polymeric materials. RSC Advances, 2016, 6, 36656-36660.	3.6	8
139	Solid-state carbon-13 NMR study of poly(3,3-diethyloxetane). Macromolecules, 1987, 20, 1761-1766.	4.8	7
140	Title is missing!. Magyar Árvad Képzelmények, 1998, 52, 683-695.	1.4	7
141	Synchrotron IR microspectroscopy: Opportunities in polymer science. IOP Conference Series: Materials Science and Engineering, 2010, 14, 012019.	0.6	7
142	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.	3.3	6
143	Structural effects on the thermal degradation of main-chain thermotropic liquid crystal polyesters. Vibrational Spectroscopy, 1995, 9, 43-48.	2.2	6
144	Dielectric relaxations and phase transitions in thermotropic polymer liquid crystals: poly(N-ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.8	6

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145	Creep behaviour of elastomeric nanocomposites by flat punch indentation: Influence of graphene modification and content. <i>Composites Science and Technology</i> , 2020, 198, 108311.	7.8	6
146	Decomposition of overlapped solid-state carbon-13 NMR resonances belonging to different stereosequences in an atactic polymer. <i>Macromolecules</i> , 1988, 21, 2934-2937.	4.8	5
147	Thermal transitions in poly(alkyl-4,4'-diphenoxy terephthalate)s. <i>Polymer Bulletin</i> , 1993, 31, 97-104.	3.3	5
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