

Maria Ines B Bruno Tavares

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.

188
papers

2,538
citations

27
h-index

38
g-index

195
ext. papers

2,885
ext. citations

3.5
avg, IF

5.06
L-index

#	Paper	IF	Citations
188	Nutritional, rheological and sensory properties of butter processed with different mixtures of cow and sheep milk cream. <i>Food Bioscience</i> , 2022 , 46, 101564	4.9	1
187	In vivo functional and health benefits of a prebiotic soursoy whey beverage processed by high-intensity ultrasound: Study with healthy Wistar rats.. <i>Food Chemistry</i> , 2022 , 380, 132193	8.5	2
186	Benefits of thermosonication in orange juice whey drink processing. <i>Innovative Food Science and Emerging Technologies</i> , 2022 , 75, 102876	6.8	4
185	In vitro characterization of a biocompatible composite based on poly(3-hydroxybutyrate)/hydroxyapatite nanoparticles as a potential scaffold for tissue engineering.. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2022 , 128, 105138	4.1	0
184	Characterization of Flaxseed Oil for Nuclear Magnetic Resonance and Its Encapsulation. <i>Materials Sciences and Applications</i> , 2022 , 13, 279-299	0.3	0
183	Positive effects of thermosonication in Jamun fruit dairy dessert processing. <i>Ultrasonics Sonochemistry</i> , 2022 , 86, 106040	8.9	0
182	Effect of modified microcrystalline cellulose on poly(3-hydroxybutyrate) molecular dynamics by proton relaxometry. <i>Polymers and Polymer Composites</i> , 2021 , 29, 553-560	0.8	1
181	Technological benefits of using inulin and xylooligosaccharide in dulce de leche. <i>Food Hydrocolloids</i> , 2021 , 110, 106158	10.6	8
180	Differential scanning calorimetry coupled with machine learning technique: An effective approach to determine the milk authenticity. <i>Food Control</i> , 2021 , 121, 107585	6.2	15
179	Selective localization of nanohydroxyapatite in poly(3-hydroxybutyrate)/polycaprolactone blends composites and its effects on crystallization and molecular dynamics. <i>Journal of Materials Science</i> , 2021 , 56, 3692-3712	4.3	1
178	Obtention of higher refractive index and transparent polymeric nanocomposite systems with small amounts of fillers for lenses application. <i>Journal of Composite Materials</i> , 2021 , 55, 675-686	2.7	2
177	Evaluation of thermal properties of zirconium-BHB composites. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021 , 143, 165-172	4.1	6
176	Sustainable routes and green synthesis for nanomaterials and nanocomposites production 2021 , 637-650		
175	Full-factorial design for statistical planning of attritor milling parameters and evaluation of effects on particle size and structure of sodium-montmorillonite. <i>Engineering Research Express</i> , 2020 , 2, 015050 ^{0.9}		
174	Spectroscopic evidence of successful in situ insertion of sol-gel silica in a poly(3-hydroxybutyrate) matrix. <i>Journal of Thermoplastic Composite Materials</i> , 2020 , 089270572093593	1.9	2
173	Whey protein films added with galactooligosaccharide and xylooligosaccharide. <i>Food Hydrocolloids</i> , 2020 , 104, 105755	10.6	21
172	Ohmic heating for infant formula processing: Evaluating the effect of different voltage gradient. <i>Journal of Food Engineering</i> , 2020 , 280, 109989	6	22

171	Possibilities for using ohmic heating in Minas Frescal cheese production. <i>Food Research International</i> , 2020 , 131, 109027	7	30
170	Extract of curcuminoids loaded on polycaprolactone and pluronic nanoparticles: chemical and structural properties. <i>Applied Nanoscience (Switzerland)</i> , 2020 , 10, 1141-1156	3.3	3
169	Study of C-H?O Bond of Organic?Inorganic Hybrids Based on Polyhydroxybutyrate and Oxides Obtained Via an In Situ Sol?Gel Route. <i>Polymer Engineering and Science</i> , 2020 , 60, 673-681	2.3	0
168	Crystallization behavior of zinc oxide/poly(lactic acid) nanocomposites. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020 , 146, 1483	4.1	1
167	Poly(lactic acid) biocomposites with mango waste and organo-montmorillonite for packaging. <i>Journal of Applied Polymer Science</i> , 2019 , 136, 47512	2.9	21
166	Ohmic heating for processing of whey-raspberry flavored beverage. <i>Food Chemistry</i> , 2019 , 297, 125018	8.5	45
165	Processing raspberry-flavored whey drink using ohmic heating: Physical, thermal and microstructural considerations. <i>Food Research International</i> , 2019 , 123, 20-26	7	18
164	Single-shot measurement of solids and liquids T values by a small-angle flip-flop pulse sequence. <i>Magnetic Resonance in Chemistry</i> , 2019 , 57, 395-403	2.1	9
163	Chocolate milk drink processed by cold plasma technology: Physical characteristics, thermal behavior and microstructure. <i>LWT - Food Science and Technology</i> , 2019 , 102, 324-329	5.4	34
162	Processing chocolate milk drink by low-pressure cold plasma technology. <i>Food Chemistry</i> , 2019 , 278, 276-283	8.5	40
161	Guava-flavored whey beverage processed by cold plasma technology: Bioactive compounds, fatty acid profile and volatile compounds. <i>Food Chemistry</i> , 2019 , 279, 120-127	8.5	40
160	Guava flavored whey-beverage processed by cold plasma: Physical characteristics, thermal behavior and microstructure. <i>Food Research International</i> , 2019 , 119, 564-570	7	27
159	Probiotic Minas Frescal cheese added with L. casei 01: Physicochemical and bioactivity characterization and effects on hematological/biochemical parameters of hypertensive overweighted women ?A randomized double-blind pilot trial. <i>Journal of Functional Foods</i> , 2018 , 45, 435-443	5.1	87
158	The effect of modified cellulose particles on morphology and properties ethylene vinyl acetate copolymer. <i>Polymer Testing</i> , 2018 , 68, 333-339	4.5	5
157	The xylooligosaccharide addition and sodium reduction in requeij?o cremoso processed cheese. <i>Food Research International</i> , 2018 , 107, 137-147	7	58
156	Ohmic Heating: A potential technology for sweet whey processing. <i>Food Research International</i> , 2018 , 106, 771-779	7	52
155	Partial substitution of NaCl by KCl and addition of flavor enhancers on probiotic Prato cheese: A study covering manufacturing, ripening and storage time. <i>Food Chemistry</i> , 2018 , 248, 192-200	8.5	55
154	Influence of TiO2 nanoparticle on the thermal, morphological and molecular characteristics of PHB matrix. <i>Polymer Testing</i> , 2018 , 65, 156-162	4.5	20

153	Whey acerola-flavoured drink submitted Ohmic Heating: Bioactive compounds, antioxidant capacity, thermal behavior, water mobility, fatty acid profile and volatile compounds. <i>Food Chemistry</i> , 2018 , 263, 81-88	8.5	70
152	Proton NMR relaxometry as probe of gelatinization, plasticization and montmorillonite-loading effects on starch-based materials. <i>Carbohydrate Polymers</i> , 2018 , 182, 123-131	10.3	11
151	Synergistic effect between hybrid nanoparticles of TiO ₂ and Nb ₂ O ₅ in the nanostructured materials based on eva matrix. <i>Polymer Testing</i> , 2018 , 70, 111-116	4.5	3
150	Surface-coated polycaprolactone nanoparticles with pharmaceutical application: Structural and molecular mobility evaluation by TD-NMR. <i>Polymer Testing</i> , 2017 , 60, 39-48	4.5	28
149	Correlation between traditional techniques and TD-NMR to determine the morphology of PHB/PCL blends. <i>Polymer Testing</i> , 2017 , 58, 159-165	4.5	25
148	Polymer Nanocomposites 2017 ,		1
147	Nuclear magnetic resonance as a powerful tool for evaluation of intermolecular interaction: Correlation with rheological measurements of recycled nanocomposite. <i>Polymer Testing</i> , 2017 , 63, 417-428	4.5	2
146	Development and characterization of clay-polymer nanocomposite membranes containing sodium alendronate with osteogenic activity. <i>Applied Clay Science</i> , 2017 , 146, 475-486	5.2	13
145	Development and properties evaluation of bio-based PLA/PLGA blend films reinforced with microcrystalline cellulose and organophilic silica. <i>Polymer Engineering and Science</i> , 2017 , 57, 464-472	2.3	11
144	Solid State NMR 2017 ,		1
143	Polymeric nanoparticles assembled with microfluidics for drug delivery across the blood-brain barrier. <i>European Physical Journal: Special Topics</i> , 2016 , 225, 779-795	2.3	17
142	Conventional and Fast Field Cycling Relaxometry Study of the Molecular Dynamics in Polymer Nanocomposites for Use as Drug Delivery Systems. <i>Journal of Nanoscience and Nanotechnology</i> , 2016 , 16, 7539-7545	1.3	12
141	PHB nanostructured: Production and characterization by NMR relaxometry. <i>Polymer Testing</i> , 2016 , 49, 57-65	4.5	6
140	Application of solid-state NMR spectroscopy to evaluate cassava genotypes. <i>Journal of Food Composition and Analysis</i> , 2016 , 48, 88-94	4.1	9
139	Time domain NMR evaluation of poly(vinyl alcohol) xerogels. <i>Polimeros</i> , 2016 , 26, 221-227	1.6	10
138	Nanoradiopharmaceuticals for breast cancer imaging: development, characterization, and imaging in induced animals. <i>OncoTargets and Therapy</i> , 2016 , 9, 5847-5854	4.4	11
137	Evaluation of Intermolecular Interactions in the PHB/ZnO Nanostructured Materials. <i>Journal of Nanoscience and Nanotechnology</i> , 2016 , 16, 7606-7610	1.3	12
136	NMR relaxometry evaluation of nanostructured starch-PLA blends. <i>Polymer Testing</i> , 2015 , 45, 161-167	4.5	13

135	NMR evaluation of polystyrene nanocomposites degraded by repeated extrusion processing. <i>Polymer Degradation and Stability</i> , 2015 , 118, 178-187	4.7	13
134	Development of biopolymer/cellulose/silica nanostructured hybrid materials and their characterization by NMR relaxometry. <i>Polymer Testing</i> , 2015 , 47, 92-100	4.5	24
133	Evaluation of the Influence of Modified TiO ₂ Particles on Polypropylene Composites. <i>Journal of Nanoscience and Nanotechnology</i> , 2015 , 15, 5723-32	1.3	22
132	The use of relaxometry to evaluate the aging process in hybrid HIPS nanocomposites. <i>Polymer Testing</i> , 2015 , 48, 115-119	4.5	3
131	Solvent Effect on the Morphology of Lamellar Nanocomposites Based on HIPS. <i>Materials Research</i> , 2015 , 18, 191-195	1.5	10
130	Preparation and characterization of polymer/layered silicate pharmaceutical nanobiomaterials using high clay load exfoliation processes. <i>Journal of Industrial and Engineering Chemistry</i> , 2014 , 20, 4094-4101	6.2	11
129	Preparation of high-impact polystyrene nanocomposites with organoclay by melt intercalation and characterization by low-field nuclear magnetic resonance. <i>Chemical Engineering and Processing: Process Intensification</i> , 2014 , 77, 66-76	3.7	18
128	Development and characterization of hybrid materials based on biodegradable PLA matrix, microcrystalline cellulose and organophilic silica. <i>Polimeros</i> , 2014 , 24, 561-566	1.6	30
127	Modification of coconut fibers with polyaniline for manufacture of pressure-sensitive devices. <i>Polymer Engineering and Science</i> , 2014 , 54, 2887-2895	2.3	8
126	Determination of the centesimal composition and characterization of flours from fruit seeds. <i>Food Chemistry</i> , 2014 , 151, 293-9	8.5	22
125	Effect of adding TiO ₂ to ethylene vinyl acetate copolymer on the latter's thermal properties and crystallinity. <i>Quimica Nova</i> , 2014 , 37,	1.6	2
124	¹ H NMR relaxometry and X-ray study of PCL/nevirapine hybrids. <i>Polymer Testing</i> , 2013 , 32, 553-566	4.5	28
123	Molecular Dynamic Evaluation of starch-PLA blends nanocomposite with organoclay by proton NMR relaxometry. <i>Polymer Testing</i> , 2013 , 32, 1181-1185	4.5	18
122	Determination of herb authenticity by low-field NMR. <i>Food Chemistry</i> , 2013 , 136, 1272-6	8.5	16
121	The cold storage of green bananas affects the starch degradation during ripening at higher temperature. <i>Carbohydrate Polymers</i> , 2013 , 96, 137-47	10.3	39
120	Dynamic and structural evaluation of poly(3-hydroxybutyrate) layered nanocomposites. <i>Polymer Testing</i> , 2013 , 32, 165-174	4.5	17
119	The effect of the Nb ₂ O ₅ dispersion on ethylene vinyl acetate to obtain ethylene vinyl acetate/Nb ₂ O ₅ nanostructured materials. <i>Journal of Nanoscience and Nanotechnology</i> , 2013 , 13, 4427-32	1.3	5
118	Intercalação por Solução de Poliestireno de Alto Impacto em Montmorilonita Organofílica Obtenção e Caracterização. <i>Polimeros</i> , 2013 , 23, 644-648	1.6	8

117	Desenvolvimento de Nanocompósitos Base de Amido de Batata. <i>Polimeros</i> , 2013 , 23, 771-777	1.6	2
116	Development of hybrid nanocomposites based on PLLA and low-field NMR characterization. <i>Polymer Testing</i> , 2012 , 31, 267-275	4.5	30
115	Evaluation of the influence of nanoparticles shapes on the formation of poly(lactic acid) nanocomposites obtained employing the solution method. <i>Journal of Nanoscience and Nanotechnology</i> , 2012 , 12, 4508-13	1.3	4
114	Estudo do amido de farinhas comerciais comestíveis. <i>Polimeros</i> , 2012 , 22, 486-490	1.6	23
113	Inorganic-organic hybrids based on poly (ε-Caprolactone) and silica oxide and characterization by relaxometry applying low-field NMR. <i>Materials Research</i> , 2012 , 15, 825-832	1.5	24
112	Caracterização de fibras de bananeira e de coco por ressonância magnética nuclear de alta resolução no estado sólido. <i>Polimeros</i> , 2012 , 22, 460-466	1.6	1
111	The use of multinuclear solid-state NMR to evaluate polystyrene/silica composites. <i>Journal of Nanoparticle Research</i> , 2012 , 14, 1	2.3	1
110	Solid-state NMR to evaluate the molecular changes in the mango starch after 8 years of storage. <i>Journal of Applied Polymer Science</i> , 2012 , 126, E123-E126	2.9	5
109	The Use of Solid State NMR to Evaluate EVA/Silica FILMS. <i>Journal of Nano Research</i> , 2012 , 18-19, 219-226		5
108	The structure of polycaprolactone-clay nanocomposites investigated by ¹ H NMR relaxometry. <i>Journal of Nanoscience and Nanotechnology</i> , 2012 , 12, 7307-13	1.3	16
107	Caracterização de nanocompósitos de poliuretano/montmorilonita organofílica por RMN de baixo campo. <i>Polimeros</i> , 2012 , 22, 481-485	1.6	12
106	Investigação da influência do processamento na dinâmica molecular de nanocompósitos de policarbonato e argila organofílica obtidos via intercalação por fusão. <i>Polimeros</i> , 2012 , 22, 436-439	1.6	6
105	Obtenção de nanocompósito de EVA/silica e caracterização por ressonância magnética nuclear no estado sólido. <i>Polimeros</i> , 2011 , 21, 98-102	1.6	7
104	Caracterização dos constituintes poliméricos da <i>Maytenus ilicifolia</i> por relaxação nuclear de ¹ H por RMN no estado sólido. <i>Polimeros</i> , 2011 , 21, 416-420	1.6	1
103	Preparation and Characterization of PVC/Natural Filler Composites. <i>Macromolecular Symposia</i> , 2011 , 299-300, 227-233	0.8	7
102	The Use of Low-Field Solid-State NMR Relaxation to Study the Latex Extracted from <i>Brosimum Parinarioides</i> . <i>Macromolecular Symposia</i> , 2011 , 299-300, 254-256	0.8	
101	Study of Bone Repair in Rat Dental Socket after Implantation of Porous Granules of Beta-Tricalcium Phosphate (βTCP) and Magnesium-Substituted Beta-Tricalcium Phosphate (βTCMP). <i>Key Engineering Materials</i> , 2011 , 493-494, 263-268	0.4	1
100	Caracterização de diferentes amostras de mandioca por espectroscopia de ressonância magnética nuclear. <i>Polimeros</i> , 2011 , 21, 131-136	1.6	3

99	The Use of Solid State NMR to Evaluate the Carbohydrates in Commercial Coffee Granules. <i>Food and Nutrition Sciences (Print)</i> , 2011 , 02, 350-355	0.4	7
98	Preparaçã de argila modificada com cloreto de cetilpiridíneo e avaliaçã da interaçã desta com o PVC. <i>Polimeros</i> , 2010 , 20, 231-235	1.6	5
97	Characterization and Properties of Hydrophilic Cellulose Acetate Propionate Derivative. <i>Journal of Polymers and the Environment</i> , 2010 , 18, 661-667	4.5	4
96	Preparation and characterization of composites based on polyhydroxybutyrate and waste powder from coconut fibers processing. <i>Polymer Engineering and Science</i> , 2010 , 50, 1466-1475	2.3	34
95	Estudo do processo de intercalaçã via soluçã PVP-bentonita: a avaliaçã da influêcia do tempo reacional, da proporçã de polímero-argila e da massa molar mđia. <i>Polimeros</i> , 2010 , 20, 275-279	1.6	1
94	Solid State NMR Evaluation of Natural Resin/Clay Nanocomposites. <i>Journal of Nano Research</i> , 2009 , 4, 117-126	1	8
93	The characterization of high-density polyethylene/organoclay nanocomposites. <i>Jom</i> , 2009 , 61, 38-41	2.1	4
92	Characterization of pp/regenerated tire-rubber blends using proton spin-lattice relaxation time. <i>Polymer Testing</i> , 2009 , 28, 53-56	4.5	5
91	NMR study of styrene-butadiene rubber (SBR) and TiO ₂ nanocomposites. <i>Polymer Testing</i> , 2009 , 28, 490-494	4.9	43
90	Molecular Dynamics of Poly(Ethylene Terephthalate)/Muscovite Mica Composite by Low-Field NMR. <i>International Journal of Polymer Analysis and Characterization</i> , 2008 , 13, 180-189	1.7	7
89	Evaluation of Polyethylene/Organoclay Nanocomposites by Low-field Nuclear Relaxation. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2008 , 57, 1119-1123	3	15
88	NMR Assignment of Carbonyl and Olefinic Regions of Amescla Resin. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2008 , 57, 594-606	3	4
87	Avaliaçã de derivados polimífcos intercalados em montmorilonita organofíca na preparaçã de novos materiais de uso farmacútico. <i>Polimeros</i> , 2008 , 18, 222-229	1.6	4
86	Thermal and low-field NMR study on poly(vinylidene fluoride) and their physical mixtures with poly(methyl methacrylate). <i>Polymer Engineering and Science</i> , 2008 , 48, 1901-1909	2.3	7
85	Evaluation of enzymatic degradation based on the quantification of glucose in thermoplastic starch and its characterization by mechanical and morphological properties and NMR measurements. <i>Polymer Testing</i> , 2008 , 27, 827-834	4.5	11
84	Preparaçã e avaliaçã reacional de nanocompósitos de PVP K-30 - montmorilonita (natural e organicamente modificada) por difraçã de raios X. <i>Polimeros</i> , 2008 , 18, 187-192	1.6	12
83	Evaluation of PHB/Clay nanocomposite by spin-lattice relaxation time. <i>Materials Research</i> , 2008 , 11, 483-485	4.5	15
82	The Application of NMR Techniques to the Study of Polysaccharides from Pulp and Latex of Sorva. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2007 , 56, 115-125	3	3

81	Mesophase formation investigation in pitches by NMR relaxometry. <i>Journal of the Brazilian Chemical Society</i> , 2007 , 18,	1.5	2
80	High resolution NMR study of tropical fruit seed starches. <i>Journal of Applied Polymer Science</i> , 2007 , 105, 973-977	2.9	10
79	Low-field NMR study of Nylon 6/silica composites. <i>Polymer Testing</i> , 2007 , 26, 501-504	4.5	13
78	Polypropylene-clay nanocomposite structure probed by H NMR relaxometry. <i>Polymer Testing</i> , 2007 , 26, 1100-1102	4.5	28
77	Melatonin location in egg phosphatidylcholine liposomes: possible relation to its antioxidant mechanisms. <i>Journal of Pineal Research</i> , 2007 , 43, 276-82	10.4	17
76	Solid State NMR Study of Couma utilis Seeds. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2007 , 56, 365-370	3	4
75	Evaluation of Composites Miscibility by Low Field NMR. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2007 , 56, 1113-1118	3	9
74	NMR Molecular Dynamic and Thermal Analysis Studies of Amescla Resin. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2007 , 56, 1119-1125	3	2
73	NMR and X-Ray Studies of Starches Derived from Tropical Fruit Seed Gelatinization Process. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2007 , 56, 1135-1143	3	7
72	The Use of Low Field NMR and Thermal Analysis to the Wood Polymer Composite Study. <i>Macromolecular Symposia</i> , 2007 , 258, 108-112	0.8	7
71	Regeneration of Vulcanized Compounds Based on Butadiene-Styrene Copolymer. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2007 , 56, 565-578	3	5
70	Effect of Wood Content on The Thermal Behavior and on The Molecular Dynamics of Wood/Plastic Composites. <i>Macromolecular Symposia</i> , 2007 , 258, 113-118	0.8	12
69	A high-resolution solid-state NMR investigation of molecular mobility of poly(methyl methacrylate)/poly(vinyl pyrrolidone)/poly(ethylene oxide) ternary blends. <i>Journal of Applied Polymer Science</i> , 2006 , 100, 1492-1495	2.9	3
68	Natural Weathering Evaluation of LDPE-Mango Starch Blends by Mechanical Properties and High Field NMR. <i>Macromolecular Symposia</i> , 2006 , 245-246, 166-169	0.8	6
67	The use of spin-lattice relaxation time in the investigation of polystyrene/acrylic acid copolymerization. <i>Polymer Testing</i> , 2006 , 25, 246-248	4.5	8
66	Solid state NMR investigation of polypropylene/Brazilian clay blending process. <i>Polymer Testing</i> , 2005 , 24, 358-362	4.5	14
65	The evaluation of polyisobutylene/paraffin blend miscibility by nuclear relaxation. <i>Polymer Testing</i> , 2005 , 24, 406-409	4.5	1
64	The influence of physical treatment in the polystyrene pentads microstructure determination by NMR. <i>Polymer Testing</i> , 2005 , 24, 604-606	4.5	6

63	Evaluation of the diethylene glycol bis(allyl carbonate)/acrylic acid copolymer behavior by solid-state ¹³ C-NMR. <i>Journal of Applied Polymer Science</i> , 2005 , 96, 740-745	2.9	3
62	¹³ C NMR study of peach oil. <i>Journal of the Science of Food and Agriculture</i> , 2005 , 85, 2269-2272	4.3	5
61	¹³ C-NMR study of Dipteryx Alata Vogel starch. <i>Journal of Applied Polymer Science</i> , 2004 , 92, 2151-2154	2.9	16
60	Solution and solid-state NMR investigation of poly(methyl methacrylate)/poly(vinyl pyrrolidone) blends. <i>Journal of Applied Polymer Science</i> , 2004 , 93, 372-377	2.9	3
59	¹³ C NMR Molecular dynamic investigation of tropical wood Angelin Pedra (<i>Hymenolobium paetrum</i>). <i>Polymer</i> , 2004 , 45, 1217-1222	3.9	7
58	High-resolution ¹³ C nuclear magnetic resonance study of heterogeneous amorphous polymers. <i>Journal of Applied Polymer Science</i> , 2003 , 87, 473-476	2.9	11
57	Preparation and solid-state nuclear magnetic resonance characterization a styrene/butadiene/acrylonitrile (ABS)/poly(vinyl chloride) (PVC)/gypsum ternary system. <i>Journal of Applied Polymer Science</i> , 2003 , 88, 293-296	2.9	1
56	High-resolution carbon nuclear magnetic resonance study of styrene/α-methylstyrene/acrylonitrile terpolymers. <i>Journal of Applied Polymer Science</i> , 2003 , 88, 1004-1009	2.9	5
55	Solution and solid state nuclear magnetic resonance investigation of poly(methylmethacrylate)/poly(ethylene oxide) blends. <i>Journal of Applied Polymer Science</i> , 2003 , 90, 2955-2958	2.9	5
54	Natural abundance ¹⁵ N solid-state nmr study of nylon-6 in blends. <i>Journal of Applied Polymer Science</i> , 2003 , 90, 3872-3875	2.9	5
53	A molecular dynamic study of the starch obtained from the <i>Mangifera indica</i> Cv. Bourbon and Espada seeds by ¹³ C solid state NMR. <i>Carbohydrate Polymers</i> , 2003 , 53, 213-216	10.3	22
52	Carbon-13 solution and solid-state NMR investigation of alpha-methylstyrene-co-acrylonitrile. <i>Journal of Applied Polymer Science</i> , 2002 , 84, 138-143	2.9	3
51	Solid-state ¹³ C-NMR and study of the subproducts obtained from corn industry. <i>Journal of Applied Polymer Science</i> , 2002 , 84, 1680-1685	2.9	2
50	Influence of irradiation on poly(methyl methacrylate). <i>Journal of Applied Polymer Science</i> , 2002 , 85, 886-895	2.9	31
49	Role and relevance of polarity and hindrance of vinyl monomers in graft copolymerization onto potato starch. <i>Journal of Applied Polymer Science</i> , 2002 , 85, 896-899	2.9	6
48	Solid-state nuclear magnetic resonance study of polyurethane/natural fibers composites. <i>Journal of Applied Polymer Science</i> , 2002 , 85, 1465-1468	2.9	2
47	Time optimization of ultraviolet-B zone pretreatment for improving wool fabrics properties. <i>Journal of Applied Polymer Science</i> , 2002 , 85, 1469-1476	2.9	15
46	NMR study of poly(vinylpyrrolidone)/poly(ethylene oxide) blends. <i>Journal of Applied Polymer Science</i> , 2002 , 85, 2820-2823	2.9	4

45	High-resolution solid-state NMR and SEM study of the interaction behavior of poly(ethylene-co-vinyl acetate)/poly(vinyl acetate) blends. <i>Journal of Applied Polymer Science</i> , 2002 , 86, 116-124	2.9	12
44	High-resolution carbon-13 nuclear magnetic resonance study of natural resins. <i>Journal of Applied Polymer Science</i> , 2002 , 86, 1848-1854	2.9	7
43	The use of high resolution 13C CP/MAS solid-state NMR spectroscopy in the investigation of chain mobility in PP/BR blends. <i>Polymer Testing</i> , 2002 , 21, 171-175	4.5	9
42	Influence of comonomer content and short branch length on the physical properties of metallocene propylene copolymers. <i>Polymer</i> , 2001 , 42, 9791-9799	3.9	36
41	Carbon-13 NMR study of poly(alpha-methylstyrene). <i>Polymer Testing</i> , 2001 , 20, 379-382	4.5	11
40	Impact behavior of sugarcane bagasse waste/EVA composites. <i>Polymer Testing</i> , 2001 , 20, 869-872	4.5	50
39	Solid-state NMR and XPS studies of EVA/sugarcane composites. <i>Journal of Applied Polymer Science</i> , 2001 , 80, 2120-2122	2.9	8
38	Carbon-13 nuclear magnetic resonance investigation of styrene-methylstyrene copolymers. <i>Journal of Applied Polymer Science</i> , 2001 , 81, 261-266	2.9	9
37	Solid-state carbon-13 NMR study of material composites based on sugarcane bagasse and thermoplastics polymers. <i>Journal of Applied Polymer Science</i> , 2001 , 82, 2150-2154	2.9	6
36	Solid State NMR Study of Natural Fibres. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2001 , 49, 231-236	3	4
35	Tensile behavior of irradiated recycled polyolefin plastics. <i>Journal of Applied Polymer Science</i> , 2000 , 78, 899-909	2.9	27
34	13C solid-state NMR analysis of the DGEBA/TETA epoxy system. <i>Journal of Applied Polymer Science</i> , 2000 , 78, 2358-2362	2.9	16
33	A solid state NMR carbon-13 high resolution study of natural fiber from sugar cane and their composites with EVA. <i>Polymer Testing</i> , 2000 , 19, 251-259	4.5	19
32	Blend compatibility study by solid-state 13C nuclear magnetic resonance. <i>Polymer Testing</i> , 2000 , 19, 399-404	4.5	6
31	NMR molecular dynamic study of high crystalline polymers. <i>Polymer Testing</i> , 2000 , 19, 899-904	4.5	12
30	13C-Detected 1H Spin Diffusion and 1H Relaxation Study of Multicomponent Polymer Blends. <i>Macromolecules</i> , 2000 , 33, 115-119	5.5	43
29	Solid-state NMR and morphological studies of poly(ethylene-co-vinyl acetate)/poly(vinyl acetate) blends. <i>Journal of Applied Polymer Science</i> , 1999 , 74, 2990-2996	2.9	5
28	Solid-state nuclear magnetic resonance of the PA6/PC, PA6/PPO, and PA6/PC/PPO blends. <i>Journal of Applied Polymer Science</i> , 1998 , 69, 129-133	2.9	17

27	Nuclear magnetic resonance study of commercial poly(vinyl acetate). <i>Journal of Applied Polymer Science</i> , 1998 , 70, 2457-2461	2.9	11
26	Solid state NMR study of poly(methyl methacrylate)/polyvinylpyrrolidone blends. <i>Polymer Bulletin</i> , 1998 , 41, 307-310	2.4	21
25	Biodegradability of polysaccharide/EVA reject blends by high resolution NMR and mechanical property. <i>Polymer Degradation and Stability</i> , 1998 , 61, 253-257	4.7	1
24	Carbon-13 NMR solid state study of polyvinylpyrrolidone-polyethylene oxide blends. <i>Polymer Testing</i> , 1998 , 17, 43-47	4.5	8
23	Carbon-13 high resolution solid state NMR study of natural fibres obtained from sugar cane without treatment and their composites with EVA. <i>Polymer Testing</i> , 1998 , 17, 147-152	4.5	16
22	Solid state carbon-13 NMR study of structural polymeric industrial reject. <i>Polymer Testing</i> , 1998 , 17, 289-295	4.5	5
21	NMR study of commercial poly(ethylene-co-vinyl acetate). <i>Polymer Testing</i> , 1998 , 17, 533-541	4.5	13
20	Study of recycling and biodegradability of ethylene-co-vinyl acetate reject by thermal analysis. <i>Polymer Degradation and Stability</i> , 1997 , 57, 183-186	4.7	8
19	NMR carbon-13 high resolution study of poly(ethylene-co-vinyl acetate). <i>Polymer Testing</i> , 1997 , 16, 193-198	4.5	11
18	Carbon-13 high resolution solid state NMR study of poly(vinyl chloride). <i>Polymer Testing</i> , 1997 , 16, 271-275	4.5	11
17	Carbon-13 NMR high-resolution study at solid of polyamide 6/PPO blends containing compatibilizer-block copolymer and polycarbonate. <i>Journal of Applied Polymer Science</i> , 1997 , 64, 1635-1640	2.9	6
16	Polymer blends based on polyolefin elastomer and polypropylene. <i>Journal of Applied Polymer Science</i> , 1997 , 66, 2005-2014	2.9	122
15	Polymer blends based on polyolefin elastomer and polypropylene 1997 , 66, 2005		1
14	Characterization of EPDM/atactic polypropylene blends by high-resolution solid-state NMR. <i>Journal of Applied Polymer Science</i> , 1996 , 60, 663-667	2.9	29
13	Investigation of PMMA/Polyoxide blends containing graft-copolymer compatibilizers by using NMR, SEM, and thermal analysis. <i>Journal of Applied Polymer Science</i> , 1996 , 61, 2245-2251	2.9	13
12	Compatibility of iPP/HOCP binary blends by OM, DSC, DMTA and 13C nuclear magnetic resonance. <i>Polymer Testing</i> , 1996 , 15, 53-68	4.5	15
11	Carbon-13 NMR high resolution and thermogravimetric study of CNSL/EVA blends compatibility. <i>Polymer Testing</i> , 1996 , 15, 437-441	4.5	2
10	Carbon-13 high-resolution solid state NMR study of polybutadiene. <i>Polymer Testing</i> , 1996 , 15, 485-490	4.5	7

9	Solid-state NMR study of natural rubber blended with EVA and EVA modified with mercaptoacetic acid. <i>Polymer Bulletin</i> , 1996 , 37, 215-220	2.4	8
8	Mobility study of amorphous polymers by high-resolution NMR at solid-state. <i>Polymer Bulletin</i> , 1996 , 36, 209-212	2.4	1
7	Mobility study of amorphous polymers by high-resolution NMR at solid-state. <i>Polymer Bulletin</i> , 1995 , 35, 165-168	2.4	4
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5	Characterization of EPDM/atactic polypropylene blends. <i>Polymer Testing</i> , 1995 , 14, 329-341	4.5	14
4	Study of nylon 6 and poly(propylene oxide) blends by thermal measurements and carbon-13 NMR high resolution solid-state. <i>Journal of Applied Polymer Science</i> , 1995 , 55, 1165-1171	2.9	35
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1	Morphological and structural evaluation of nanoparticles loaded with tea tree oil for the therapeutic treatment of HPV. <i>Polymer Bulletin</i> , 1	2.4	1