

# Amparo Ribes-Greus

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/8359206/amparo-ribes-greus-publications-by-citations.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

135  
papers

3,165  
citations

35  
h-index

48  
g-index

142  
ext. papers

3,514  
ext. citations

4.2  
avg, IF

5.36  
L-index

#	Paper	IF	Citations
135	Synthesis and microstructure-mechanical property relationships of segmented polyurethanes based on a PCLBTHFBCL block copolymer as soft segment. <i>European Polymer Journal</i> , <b>2009</b> , 45, 2096-2109	5.2	173
134	Thermal degradation of polypropylene/starch-based materials with enhanced biodegradability. <i>Polymer Degradation and Stability</i> , <b>2004</b> , 86, 483-491	4.7	101
133	The role of crystalline, mobile amorphous and rigid amorphous fractions in the performance of recycled poly (ethylene terephthalate) (PET). <i>Polymer Degradation and Stability</i> , <b>2012</b> , 97, 98-107	4.7	100
132	Degradation of recycled high-impact polystyrene. Simulation by reprocessing and thermo-oxidation. <i>Polymer Degradation and Stability</i> , <b>2006</b> , 91, 2163-2170	4.7	90
131	Material valorisation of amorphous polylactide. Influence of thermo-mechanical degradation on the morphology, segmental dynamics, thermal and mechanical performance. <i>Polymer Degradation and Stability</i> , <b>2012</b> , 97, 670-678	4.7	79
130	Thermal analysis as a quality tool for assessing the influence of thermo-mechanical degradation on recycled poly(ethylene terephthalate). <i>Polymer Testing</i> , <b>2009</b> , 28, 169-175	4.5	75
129	Flour rice husk as filler in block copolymer polypropylene: Effect of different coupling agents. <i>Journal of Applied Polymer Science</i> , <b>2006</b> , 99, 1823-1831	2.9	72
128	Long-term properties and end-of-life of polymers from renewable resources. <i>Polymer Degradation and Stability</i> , <b>2017</b> , 137, 35-57	4.7	66
127	A phenomenological study of the structural relaxation of poly(methyl methacrylate). <i>Polymer</i> , <b>1990</b> , 31, 223-230	3.9	65
126	Improved thermo-mechanical properties by the addition of natural fibres in starch-based sustainable biocomposites. <i>Composites Part A: Applied Science and Manufacturing</i> , <b>2011</b> , 42, 30-40	8.4	64
125	Correlation of chemical, structural and thermal properties of natural fibres for their sustainable exploitation. <i>Carbohydrate Polymers</i> , <b>2014</b> , 112, 422-31	10.3	63
124	Mechanical recycling of polylactide, upgrading trends and combination of valorization techniques. <i>European Polymer Journal</i> , <b>2016</b> , 84, 22-39	5.2	60
123	Physical ageing of amorphous polymers. Theoretical analysis and experiments on poly(methyl methacrylate). <i>Die Makromolekulare Chemie</i> , <b>1991</b> , 192, 2141-2161		60
122	Hydrothermal ageing of polylactide/sisal biocomposites. Studies of water absorption behaviour and Physico-Chemical performance. <i>Polymer Degradation and Stability</i> , <b>2014</b> , 108, 212-222	4.7	59
121	Analysis of brominated flame retardants in styrenic polymers. Comparison of the extraction efficiency of ultrasonication, microwave-assisted extraction and pressurised liquid extraction. <i>Journal of Chromatography A</i> , <b>2008</b> , 1196-1197, 139-46	4.5	53
120	Assessing the MALDI-TOF MS sample preparation procedure to analyze the influence of thermo-oxidative ageing and thermo-mechanical degradation on poly (Lactide). <i>European Polymer Journal</i> , <b>2011</b> , 47, 1416-1428	5.2	51
119	Synthesis and characterisation of side chain liquid crystal copolymers containing sulfonic acid groups. <i>Polymer</i> , <b>2012</b> , 53, 2604-2612	3.9	48

118	Analytical strategies for the quality assessment of recycled high-impact polystyrene: a combination of thermal analysis, vibrational spectroscopy, and chromatography. <i>Analytica Chimica Acta</i> , <b>2007</b> , 604, 18-28	6.6	48
117	Microwave-assisted extraction for qualitative and quantitative determination of brominated flame retardants in styrenic plastic fractions from waste electrical and electronic equipment (WEEE). <i>Talanta</i> , <b>2009</b> , 78, 33-9	6.2	46
116	Thermal analysis applied to the characterization of degradation in soil of polylactide: II. On the thermal stability and thermal decomposition kinetics. <i>Polymer Degradation and Stability</i> , <b>2010</b> , 95, 2192-2199	4.7	46
115	Calorimetric and thermogravimetric studies of UV-irradiated polypropylene/starch-based materials aged in soil. <i>Polymer Degradation and Stability</i> , <b>2006</b> , 91, 44-51	4.7	46
114	Impact of hydrothermal ageing on the thermal stability, morphology and viscoelastic performance of PLA/sisal biocomposites. <i>Polymer Degradation and Stability</i> , <b>2016</b> , 132, 87-96	4.7	46
113	Hygrothermal ageing of reprocessed polylactide. <i>Polymer Degradation and Stability</i> , <b>2012</b> , 97, 1881-1890	4.7	45
112	Comparative thermal, biological and photodegradation kinetics of polylactide and effect on crystallization rates. <i>Polymer Degradation and Stability</i> , <b>2013</b> , 98, 771-784	4.7	44
111	Thermal analysis applied to the characterization of degradation in soil of polylactide: I. Calorimetric and viscoelastic analyses. <i>Polymer Degradation and Stability</i> , <b>2010</b> , 95, 2185-2191	4.7	42
110	Thermal analysis of high-density polyethylene and low-density polyethylene with enhanced biodegradability. <i>Journal of Applied Polymer Science</i> , <b>2002</b> , 86, 764-772	2.9	42
109	Effective antimicrobial materials based on low-density polyethylene (LDPE) with zinc oxide (ZnO) nanoparticles. <i>Composites Part B: Engineering</i> , <b>2019</b> , 172, 173-178	10	41
108	Water absorption and hydrothermal performance of PHBV/sisal biocomposites. <i>Polymer Degradation and Stability</i> , <b>2014</b> , 108, 166-174	4.7	41
107	Study of structural relaxation by dynamic-mechanical methods in poly(methyl methacrylate). <i>Polymer</i> , <b>1989</b> , 30, 1433-1438	3.9	40
106	A statistical design of experiments for optimizing the MALDI-TOF-MS sample preparation of polymers. An application in the assessment of the thermo-mechanical degradation mechanisms of poly(ethylene terephthalate). <i>Analytica Chimica Acta</i> , <b>2011</b> , 692, 85-95	6.6	39
105	Dielectric relaxations and conductivity of cross-linked PVA/SSA/GO composite membranes for fuel cells. <i>Polymer Testing</i> , <b>2018</b> , 67, 55-67	4.5	38
104	Synthesis and phase behaviour of a homologous series of polymethacrylate-based side-chain liquid crystal polymers. <i>European Polymer Journal</i> , <b>2012</b> , 48, 821-829	5.2	38
103	Characterization of poly(dimethylsiloxane)-poly(methyl hydrogen siloxane) composite membranes for organic water pervaporation separation. <i>Journal of Applied Polymer Science</i> , <b>2001</b> , 81, 546-556	2.9	36
102	Thermal and thermo-oxidative stability of reprocessed poly(ethylene terephthalate). <i>Journal of Analytical and Applied Pyrolysis</i> , <b>2013</b> , 99, 191-202	6	35
101	Study of Structure Formation in Side-Chain Liquid Crystal Copolymers by Variable Temperature Fourier Transform Infrared Spectroscopy. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2013</b> , 52, 8714-8721	3.9	35

100	Relevant factors for the eco-design of polylactide/sisal biocomposites to control biodegradation in soil in an end-of-life scenario. <i>Polymer Degradation and Stability</i> , <b>2017</b> , 143, 9-19	4.7	32
99	Biodegradation studies of LDPE filled with biodegradable additives: Morphological changes. I. <i>Journal of Applied Polymer Science</i> , <b>2002</b> , 83, 1683-1691	2.9	32
98	A methodology to assess the energetic valorization of bio-based polymers from the packaging industry: pyrolysis of reprocessed polylactide. <i>Bioresource Technology</i> , <b>2012</b> , 111, 468-75	11	28
97	Reprocessed polylactide: studies of thermo-oxidative decomposition. <i>Bioresource Technology</i> , <b>2012</b> , 114, 622-8	11	26
96	Changes in the microstructure and morphology of high-impact polystyrene subjected to multiple processing and thermo-oxidative degradation. <i>European Polymer Journal</i> , <b>2007</b> , 43, 4371-4381	5.2	26
95	Determination of moisture content in nylon 6,6 by near-infrared spectroscopy and chemometrics. <i>Journal of Applied Polymer Science</i> , <b>2003</b> , 87, 2165-2170	2.9	25
94	Dielectric and mechanical-dynamical studies on poly(cyclohexyl methacrylate). <i>Polymer</i> , <b>1985</b> , 26, 1849-1854	13.54	25
93	Electrospun Poly(ethylene-vinyl alcohol)/Graphene Nanoplatelets Composites of Interest in Intelligent Food Packaging Applications. <i>Nanomaterials</i> , <b>2018</b> , 8,	5.4	24
92	Effect of the dissolution time into an acid hydrolytic solvent to tailor electrospun nanofibrous polycaprolactone scaffolds. <i>European Polymer Journal</i> , <b>2017</b> , 87, 174-187	5.2	22
91	Effect of sisal and hydrothermal ageing on the dielectric behaviour of polylactide/sisal biocomposites. <i>Composites Science and Technology</i> , <b>2017</b> , 149, 1-10	8.6	22
90	Crosslinked Sulfonated Poly(vinyl alcohol)/Graphene Oxide Electrospun Nanofibers as Polyelectrolytes. <i>Nanomaterials</i> , <b>2019</b> , 9,	5.4	22
89	Influence of water on the viscoelastic behavior of recycled nylon 6,6. <i>Journal of Applied Polymer Science</i> , <b>2002</b> , 85, 2211-2218	2.9	21
88	Tailored electrospun nanofibrous polycaprolactone/gelatin scaffolds into an acid hydrolytic solvent system. <i>European Polymer Journal</i> , <b>2018</b> , 101, 273-281	5.2	20
87	Permeability of co-extruded linear low-density polyethylene films to oxygen and carbon dioxide as determined by electrochemical techniques. <i>Polymer</i> , <b>1996</b> , 37, 2243-2250	3.9	20
86	Polycaprolactone/gelatin-based scaffolds with tailored performance: in vitro and in vivo validation. <i>Materials Science and Engineering C</i> , <b>2020</b> , 107, 110296	8.3	20
85	Ionicly conducting and photoresponsive liquid crystalline terpolymers: Towards multifunctional polymer electrolytes. <i>European Polymer Journal</i> , <b>2018</b> , 109, 124-132	5.2	19
84	Thermal analysis characterization of the degradation of biodegradable starch blends in soil. <i>Journal of Applied Polymer Science</i> , <b>2005</b> , 96, 358-371	2.9	19
83	Characterization by thermal analysis of PP with enhanced biodegradability. <i>Journal of Applied Polymer Science</i> , <b>2001</b> , 82, 2174-2184	2.9	19

82	Poly lactide-based self-reinforced composites biodegradation: Individual and combined influence of temperature, water and compost. <i>Polymer Degradation and Stability</i> , <b>2018</b> , 158, 40-51	4.7	19
81	Novel silicon microparticles to improve sunlight stability of raw polypropylene. <i>European Polymer Journal</i> , <b>2015</b> , 70, 247-261	5.2	18
80	Characterization of crosslinked poly(vinyl alcohol)-based membranes with different hydrolysis degrees for their use as electrolytes in direct methanol fuel cells. <i>Journal of Applied Polymer Science</i> , <b>2012</b> , 124, 1000-1011	2.9	18
79	Dielectric spectroscopy of recycled polylactide. <i>Polymer Degradation and Stability</i> , <b>2014</b> , 107, 21-27	4.7	18
78	Emission pattern of semi-volatile organic compounds from recycled styrenic polymers using headspace solid-phase microextraction gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , <b>2010</b> , 1217, 359-67	4.5	18
77	Ultrasonication and microwave assisted extraction of degradation products from degradable polyolefin blends aged in soil. <i>Journal of Applied Polymer Science</i> , <b>2001</b> , 79, 1101-1112	2.9	18
76	Swelling behavior of pervaporation membranes in ethanol/water mixtures. <i>Journal of Applied Polymer Science</i> , <b>2000</b> , 75, 1424-1433	2.9	18
75	Dielectric relaxation behaviour of poly(mono-n-alkyl itaconates). <i>Polymer</i> , <b>1991</b> , 32, 2755-2759	3.9	18
74	NMR relaxation reveals modifications in rubber phase dynamics during long-term degradation of high-impact polystyrene (HIPS). <i>Polymer</i> , <b>2011</b> , 52, 1410-1416	3.9	17
73	Chromatographic pattern in recycled high-impact polystyrene (HIPS) [Occurrence of low molecular weight compounds during the life cycle. <i>Polymer Degradation and Stability</i> , <b>2010</b> , 95, 172-186	4.7	17
72	Thermal characterization of polyethylene blends with a biodegradable masterbatch subjected to thermo-oxidative treatment and subsequent soil burial test. <i>Journal of Applied Polymer Science</i> , <b>2007</b> , 106, 2218-2230	2.9	17
71	Relationship between the mechanical relaxations in the $\beta$ -zone and the calorimetric transitions in low density polyethylene. <i>Journal of Applied Polymer Science</i> , <b>1987</b> , 34, 2819-2828	2.9	17
70	Dynamic-mechanical relaxations in high and low density polyethylenes. Effects of irradiation and annealing. <i>Journal of Applied Polymer Science</i> , <b>1989</b> , 37, 2549-2562	2.9	16
69	Crosslinked chitosan/poly(vinyl alcohol)-based polyelectrolytes for proton exchange membranes. <i>Reactive and Functional Polymers</i> , <b>2019</b> , 142, 213-222	4.6	15
68	Biodegradation studies of cellulose and its vinylic graft copolymers by thermal analysis and mechanical spectroscopy. <i>Journal of Applied Polymer Science</i> , <b>2000</b> , 76, 326-335	2.9	15
67	Dielectric relaxation behaviour of poly(cyclohexylmethyl methacrylate) and poly(benzyl methacrylate). <i>Polymer</i> , <b>1989</b> , 30, 1685-1689	3.9	15
66	Dielectric relaxations of high and low density irradiated polyethylenes. <i>Journal of Applied Polymer Science</i> , <b>1989</b> , 38, 1127-1143	2.9	15
65	Influence of chitin nanocrystals on the dielectric behaviour and conductivity of chitosan-based bionanocomposites. <i>Composites Science and Technology</i> , <b>2018</b> , 167, 323-330	8.6	14

64	On the dynamic mechanical behavior of poly(ethyl methacrylate) reinforced with kevlar fibers. <i>Journal of Applied Polymer Science</i> , <b>1991</b> , 42, 1647-1657	2.9	14
63	Breakdown, free-volume and dielectric behavior of the nanodielectric coatings based on epoxy/metal oxides. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2016</b> , 27, 9240-9254	2.1	14
62	Assessing the influence of cotton fibers on the degradation in soil of a thermoplastic starch-based biopolymer. <i>Polymer Composites</i> , <b>2010</b> , 31, 2102-2111	3	13
61	Mechanical relaxations and diffusional characteristics of coextruded films prepared from copolymers of ethylene-1-octene. <i>Polymer</i> , <b>1995</b> , 36, 323-330	3.9	13
60	Encapsulation of Vitamins A and E as Spray-Dried Additives for the Feed Industry. <i>Molecules</i> , <b>2020</b> , 25,	4.8	12
59	In vitro validation of biomedical polyester-based scaffolds: Poly(lactide-co-glycolide) as model-case. <i>Polymer Testing</i> , <b>2018</b> , 66, 256-267	4.5	12
58	A kinetic study of the formation of smectic phases in novel liquid crystal ionogens. <i>European Polymer Journal</i> , <b>2013</b> , 49, 1553-1563	5.2	12
57	Characterization of Functionalized Side-Chain Liquid Crystal Methacrylates Containing Nonmesogenic Units by Dielectric Spectroscopy. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2013</b> , 52, 8722-8731	3.9	12
56	Calorimetric study of some poly(mono-n-alkyl itaconates). <i>Polymer International</i> , <b>1991</b> , 25, 51-53	3.3	12
55	Dielectric and dynamic-mechanical relaxations in methyl methacrylate and methyl isopropenyl ketone copolymers. <i>Polymer</i> , <b>1988</b> , 29, 981-986	3.9	12
54	Performance of crystallization analysis fractionation and preparative fractionation on the characterization of irradiated low-density polyethylene. <i>Journal of Applied Polymer Science</i> , <b>2004</b> , 94, 1803-1814	2.9	10
53	Chemical and thermal characterization of high- and low-density irradiated polyethylenes. <i>Journal of Applied Polymer Science</i> , <b>2002</b> , 86, 1953-1958	2.9	10
52	On the dynamic mechanical behavior of poly(methyl methacrylate) reinforced with Kevlar fibers. <i>Polymer Composites</i> , <b>1991</b> , 12, 428-435	3	10
51	Spray-Drying Performance and Thermal Stability of L-Ascorbic Acid Microencapsulated with Sodium Alginate and Gum Arabic. <i>Molecules</i> , <b>2019</b> , 24,	4.8	9
50	Performance of Polyester-Based Electrospun Scaffolds under In Vitro Hydrolytic Conditions: From Short-Term to Long-Term Applications. <i>Nanomaterials</i> , <b>2019</b> , 9,	5.4	9
49	Mechanical behaviour of biodegradable polyolefins. <i>Journal of Non-Crystalline Solids</i> , <b>1998</b> , 235-237, 670-676	3.9	9
48	A Thermogravimetric Approach to Study the Influence of a Biodegradation in Soil Test to a Poly(lactic acid). <i>Macromolecular Symposia</i> , <b>2008</b> , 272, 93-99	0.8	9
47	Thermal characterisation of photo-oxidized HDPE/Mater-Bi and LDPE/Mater-Bi blends buried in soil. <i>Journal of Applied Polymer Science</i> , <b>2008</b> , 109, 1177-1188	2.9	9



46	Differential scanning calorimetry studies on high- and low-density annealed and irradiated polyethylenes: Influence of aging. <i>Journal of Applied Polymer Science</i> , <b>2003</b> , 89, 3260-3271	2.9	9
45	Viscoelastic behavior of degradable polyolefins aged in soil. <i>Journal of Applied Polymer Science</i> , <b>2000</b> , 78, 1707-1720	2.9	9
44	Mechanical relaxations and diffusive changes in linear low density polyethylene (LLDPE) films subject to induced stretching. <i>Journal of Applied Polymer Science</i> , <b>1996</b> , 60, 767-778	2.9	9
43	Dynamic mechanical relaxations in annealed and irradiated polyethylenes. <i>Journal of Non-Crystalline Solids</i> , <b>1994</b> , 172-174, 1072-1077	3.9	9
42	Comparative Mechanical and Dielectric Relaxational Study of Low-Density Polyethylene. <i>Polymer-Plastics Technology and Engineering</i> , <b>1989</b> , 28, 635-647		9
41	Physical model explaining the effect of physical ageing on dynamic mechanical and calorimetric properties of poly(methyl methacrylate). <i>Makromolekulare Chemie Macromolecular Symposia</i> , <b>1989</b> , 27, 289-297		9
40	Thermal and thermo-oxidative stability and kinetics of decomposition of PHBV/sisal composites. <i>Chemical Engineering Communications</i> , <b>2018</b> , 205, 226-237	2.2	8
39	Swelling behavior of PDMS/BMHS pervaporation membranes in ethyl acetate/water mixtures. <i>Journal of Applied Polymer Science</i> , <b>2004</b> , 93, 1384-1393	2.9	8
38	Preparation and thermal characterization of films containing liquid crystals in a cellulose acetate substrate for externally regulated applications. <i>Journal of Applied Polymer Science</i> , <b>2010</b> , 115, 3282-3294	2.9	7
37	Degradation studies of LDPE/Mater-Bi blends annealed and aged in soil. <i>Journal of Applied Polymer Science</i> , <b>2002</b> , 86, 405-413	2.9	7
36	Dielectric relaxation in poly(monobenzyl itaconate). <i>Polymer</i> , <b>1991</b> , 32, 2331-2334	3.9	7
35	Influence of substrate and temperature on the biodegradation of polyester-based materials: Polylactide and poly(3-hydroxybutyrate-co-3-hydroxyhexanoate) as model cases. <i>Polymer Degradation and Stability</i> , <b>2020</b> , 180, 109288	4.7	7
34	Synthesis and characterization of bisulfonated poly(vinyl alcohol)/graphene oxide composite membranes with improved proton exchange capabilities. <i>Polymer Testing</i> , <b>2020</b> , 91, 106752	4.5	7
33	Suitability of Blends from Virgin and Reprocessed Polylactide: Performance and Energy Valorization Kinetics. <i>Journal of Renewable Materials</i> , <b>2018</b> , 6, 370-382	2.4	7
32	Spectroscopic and thermal characterization of the swelling behavior of nafion membranes in mixtures of water and methanol. <i>Journal of Applied Polymer Science</i> , <b>2013</b> , 127, 246-256	2.9	6
31	Thermal and viscoelastic properties of some commercial starch products. <i>Journal of Applied Polymer Science</i> , <b>2003</b> , 88, 1242-1251	2.9	6
30	Dielectric spectroscopy of novel thiol-ene/epoxy thermosets obtained from allyl-modified hyperbranched poly(ethyleneimine) and diglycidylether of bisphenol A. <i>European Polymer Journal</i> , <b>2019</b> , 113, 98-106	5.2	6
29	Calorimetric studies of PP/Mater-Bi blends aged in soil. <i>Journal of Applied Polymer Science</i> , <b>2006</b> , 100, 3446-3453	2.9	5

28	Influence of previous annealing on first stage of degradation of blends of low-density polyethylene and Mater-Bi AF05H aged in soil: Comparative thermal analysis study. <i>Journal of Applied Polymer Science</i> , <b>2003</b> , 90, 3359-3373	2.9	5
27	Conductive polycaprolactone/gelatin/polyaniline nanofibres as functional scaffolds for cardiac tissue regeneration. <i>Reactive and Functional Polymers</i> , <b>2021</b> , 170, 105064	4.6	5
26	Study of the Degree of Cure through Thermal Analysis and Raman Spectroscopy in Composite-Forming Processes. <i>Materials</i> , <b>2019</b> , 12,	3.5	5
25	Thermal kinetics for the energy valorisation of polylactide/sisal biocomposites. <i>Thermochimica Acta</i> , <b>2018</b> , 670, 169-177	2.9	5
24	Reduction of Nitrates in Waste Water through the Valorization of Rice Straw: LIFE LIBERNITRATE Project. <i>Sustainability</i> , <b>2018</b> , 10, 3007	3.6	5
23	Experimental investigation of SO <sub>2</sub> poisoning in a Molten Carbonate Fuel Cell operating in CCS configuration. <i>International Journal of Hydrogen Energy</i> , <b>2016</b> , 41, 18822-18836	6.7	4
22	Evaluation of chemical degradation of commercial polypropylene. <i>Journal of Materials Processing Technology</i> , <b>2003</b> , 143-144, 693-697	5.3	4
21	Analysis of plasticization and reprocessing effects on the segmental cooperativity of polylactide by dielectric thermal spectroscopy. <i>Polymer</i> , <b>2021</b> , 223, 123701	3.9	4
20	Valorization of cotton residues for production of bio-oil and engineered biochar. <i>Energy</i> , <b>2021</b> , 235, 121363	3.6	4
19	Performance of Sulfonated Poly(Vinyl Alcohol)/Graphene Oxide Polyelectrolytes for Direct Methanol Fuel Cells. <i>Energy Technology</i> , <b>2020</b> , 8, 2000124	3.5	3
18	Characterization by thermal analysis of high density polyethylene/polypropylene blends with enhanced biodegradability. <i>Journal of Applied Polymer Science</i> , <b>2002</b> , 86, 174-185	2.9	3
17	Swelling studies on pervaporation by dynamic-mechanical spectroscopy. <i>Journal of Non-Crystalline Solids</i> , <b>1994</b> , 172-174, 1066-1071	3.9	3
16	Dielectric and mechanical relaxations in cycloaliphatic polyformal networks. <i>Macromolecules</i> , <b>1989</b> , 22, 1821-1826	5.5	3
15	Mechanical and dielectric relaxations in cycloaliphatic polyester networks. <i>Macromolecules</i> , <b>1988</b> , 21, 2121-2127	5.5	3
14	Study of the molecular origin of the mechanical and dielectric relaxation of methyl methacrylate/isopropenyl methyl ketone copolymers. <i>Makromolekulare Chemie Macromolecular Symposia</i> , <b>1988</b> , 20-21, 409-416		3
13	Protection of high-density polyethylene/silicon composites from ultraviolet-visible photodegradation. <i>Journal of Applied Polymer Science</i> , <b>2017</b> , 134, 45439	2.9	2
12	Dielectric behavior induced by vitamin E and electron beam irradiation in ultra high molecular weight polyethylene. <i>Journal of Applied Polymer Science</i> , <b>2014</b> , 131, n/a-n/a	2.9	2
11	Effect of photooxidative ageing at natural conditions on dynamic mechanical properties of PE-LD/PE-LLD blends. <i>Polimery</i> , <b>2009</b> , 54, 250-254	3.4	2



10	Brewer spent grains as biofuels in combustion-based energy recovery processes: Evaluation of thermo-oxidative decomposition. <i>Fuel</i> , <b>2022</b> , 312, 122955	7.1	2
9	Functionalised Poly(Vinyl Alcohol)/Graphene Oxide as Polymer Composite Electrolyte Membranes. <i>Journal of Renewable Materials</i> , <b>2019</b> , 7, 655-665	2.4	2
8	Effect of graphene nanoplatelets on the dielectric permittivity and segmental motions of electrospun poly(ethylene-co-vinyl alcohol) nanofibers. <i>Polymer Degradation and Stability</i> , <b>2021</b> , 183, 109404	4.7	2
7	Dynamic Mechanical Thermal Analysis of Polymer Blends <b>2014</b> , 365-392		1
6	Morphologies and tensile properties of PA6/HIPS/HIPS-g-MA. <i>Journal of Applied Polymer Science</i> , <b>2001</b> , 81, 782-783	2.9	1
5	Characterization of polymer soil burial degradation by thermal analysis and mechanical spectroscopy. <i>Macromolecular Symposia</i> , <b>1999</b> , 144, 153-163	0.8	1
4	Dielectric analysis of photocrosslinked and post-sulfonated styrene-ethylene-butylene-styrene block copolymer based membranes. <i>Reactive and Functional Polymers</i> , <b>2020</b> , 155, 104715	4.6	1
3	Recycling of Polylactide <b>2020</b> , 282-295		1
2	Poly (lactic acid)/D-limonene/ZnO bio-nanocomposites with antimicrobial properties. <i>Journal of Applied Polymer Science</i> , <b>2022</b> , 139, 51542	2.9	1
1	Triblock SEBS/DVB crosslinked and sulfonated membranes: Fuel cell performance and conductivity. <i>Journal of Applied Polymer Science</i> , <b>2021</b> , 138, 50671	2.9	0