Mario Malinconico

List of Publications by Year
in descending order

146 papers	6,087 citations	76326 40 h-index	79698 73 g-index
146 all docs	146 docs citations	146 times ranked	7089 citing authors

#	Article	IF	Citations
1	Wound healing and antimicrobial effect of active secondary metabolites in chitosan-based wound dressings: A review. Carbohydrate Polymers, 2020, 233, 115839.	10.2	425
2	Natural fiber eco-composites. Polymer Composites, 2007, 28, 98-107.	4.6	414
3	Marine Derived Polysaccharides for Biomedical Applications: Chemical Modification Approaches. Molecules, 2008, 13, 2069-2106.	3.8	378
4	Immiscible polymer blends of semicrystalline biocompatible components: thermal properties and phase morphology analysis of PLLA/PCL blends. Polymer, 2001, 42, 7831-7840.	3.8	287
5	Influence of crystal polymorphism on mechanical and barrier properties of poly(l-lactic acid). European Polymer Journal, 2011, 47, 1073-1080.	5.4	241
6	Effect of Cross-Linking with Calcium Ions on the Physical Properties of Alginate Films. Biomacromolecules, 2007, 8, 3193-3197.	5.4	227
7	Morphology?properties relationships in binary polyamide 6/rubber blends: Influence of the addition of a functionalized rubber. Polymer Engineering and Science, 1984, 24, 48-56.	3.1	178
8	Synthesis and characterization of a novel alginateâ€“poly(ethylene glycol) graft copolymer. Carbohydrate Polymers, 2005, 62, 274-282.	10.2	115
9	Mechanical properties decay and morphological behaviour of biodegradable films for agricultural mulching in real scale experiment. Polymer Degradation and Stability, 2006, 91, 2801-2808.	5.8	114
10	Ternary nylon-6/rubber/modified rubber blends: Effect of the mixing procedure on morphology, mechanical and impact properties. Polymer, 1986, 27, 1874-1884.	3.8	111
11	Crystal polymorphism of poly(l-lactic acid) and its influence on thermal properties. Thermochimica Acta, 2011, 522, 110-117.	2.7	103
12	Effect of natural antioxidants on the stability of polypropylene films. Polymer Degradation and Stability, 2009, 94, 2095-2100.	5.8	94
13	Design of pectin-sodium alginate based films for potential healthcare application: Study of chemico-physical interactions between the components of films and assessment of their antimicrobial activity. Carbohydrate Polymers, 2017, 157, 981-990.	10.2	89
14	Modeling of ceramic particles filled polymerâ€“matrix nanocomposites. Composites Science and Technology, 2006, 66, 1030-1037.	7.8	83
15	Addition of glycerol plasticizer to seaweeds derived alginates: Influence of microstructure on chemicalâ€“physical properties. Carbohydrate Polymers, 2007, 69, 503-511.	10.2	81
16	Recycled wastes of tomato and hemp fibres for biodegradable pots: Physico-chemical characterization and field performance. Resources, Conservation and Recycling, 2013, 70, 9-19.	10.8	80
17	Immiscible Poly(L-lactide)/Poly(É›-caprolactone) Blends: Influence of the Addition of a Poly(L-lactide)-Poly(oxyethylene) Block Copolymer on Thermal Behavior and Morphology. Macromolecular Chemistry and Physics, 2004, 205, 946-950.	2.2	79
18	Conformationally disordered crystals and their influence on material properties: The cases of isotactic polypropylene, isotactic poly(1-butene), and poly(l-lactic acid). Journal of Molecular Structure, 2014, 1078, 114-132.	3.6	77

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19	Poly(Îµ-caprolactone)-based nanocomposites: Influence of compatibilization on properties of poly(Îµ-caprolactone)â€“silica nanocomposites. Composites Science and Technology, 2006, 66, 886-894.	7.8	70
20	Edible blend films of pectin and poly(ethylene glycol): Preparation and physico-chemical evaluation. Food Hydrocolloids, 2018, 77, 494-501.	10.7	70
21	Compatibilized Polymer Blends Based on PDLLA and PCL for Application in Bioartificial Liver. Biomacromolecules, 2008, 9, 1527-1534.	5.4	69
22	Preparation and characterisation of composites based on biodegradable polymers for â€œin vivoâ€• application. Polymer, 2000, 41, 8027-8033.	3.8	64
23	Poly (Lactic Acid)/Thermoplastic Starch Films: Effect of Cardoon Seed Epoxidized Oil on Their Chemicophysical, Mechanical, and Barrier Properties. Coatings, 2019, 9, 574.	2.6	64
24	Role of degree of grafting of functionalized ethylene-propylene rubber on the properties of rubber-modified polyamide-6. Polymer, 1987, 28, 1185-1189.	3.8	59
25	Poly(butylene succinate)-based composites containing Î²-cyclodextrin/d-limonene inclusion complex. European Polymer Journal, 2016, 79, 82-96.	5.4	59
26	Influence of modified atmosphere packaging on postharvest quality of cherry tomatoes held at 20 Â°C. Postharvest Biology and Technology, 2016, 115, 103-112.	6.0	58
27	Enhancement of interfacial adhesion between starch and grafted poly(Îµ-caprolactone). Carbohydrate Polymers, 2016, 147, 16-27.	10.2	56
28	Blending poly(3-hydroxybutyrate) with tannic acid: Influence of a polyphenolic natural additive on the rheological and thermal behavior. European Polymer Journal, 2015, 63, 123-131.	5.4	55
29	Effect of pH and TPP concentration on chemico-physical properties, release kinetics and antifungal activity of Chitosan-TPP-Ungeremine microbeads. Carbohydrate Polymers, 2018, 195, 631-641.	10.2	55
30	From biowaste to bioresource: Effect of a lignocellulosic filler on the properties of poly(3-hydroxybutyrate). International Journal of Biological Macromolecules, 2014, 71, 163-173.	7.5	53
31	Rubber modification of polyamide 6 during caprolactam polymerization: influence of composition and functionalization degree of rubber. Polymer, 1986, 27, 299-308.	3.8	52
32	Macroporous alginate foams crosslinked with strontium for bone tissue engineering. Carbohydrate Polymers, 2018, 202, 72-83.	10.2	52
33	A Novel Injectable Poly(É›-caprolactone)/Calcium Sulfate System for Bone Regeneration: Synthesis and Characterization. Macromolecular Bioscience, 2005, 5, 1108-1117.	4.1	51
34	Spray-by-spray in situ cross-linking alginate hydrogels delivering a tea tree oil microemulsion. European Journal of Pharmaceutical Sciences, 2015, 66, 20-28.	4.0	50
35	Formulation of secondary compounds as additives of biopolymer-based food packaging: A review. Trends in Food Science and Technology, 2021, 114, 342-354.	15.1	50
36	Functionalized PCL/HA nanocomposites as microporous membranes for bone regeneration. Materials Science and Engineering C, 2015, 48, 457-468.	7.3	48

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37	Lignin and holocellulose from pecan nutshell as reinforcing fillers in poly (lactic acid) biocomposites. International Journal of Biological Macromolecules, 2018, 115, 727-736.	7.5	47
38	Nanometric Dispersion of a Mg/Al Layered Double Hydroxide into a Chemically Modified Polycaprolactone. Biomacromolecules, 2007, 8, 773-779.	5.4	45
39	Effect of polyglycerol and the crosslinking on the physical properties of a blend alginate-hydroxyethylcellulose. Carbohydrate Polymers, 2010, 82, 1061-1067.	10.2	45
40	One-pot lignin extraction and modification in Î³-valerolactone from steam explosion pre-treated lignocellulosic biomass. Journal of Cleaner Production, 2017, 151, 152-162.	9.3	43
41	Synthesis, Characterization, and Biodegradability of Novel Fully Biobased Poly(decamethylene-co-isosorbide 2,5-furandicarboxylate) Copolyesters with Enhanced Mechanical Properties. ACS Sustainable Chemistry and Engineering, 2019, 7, 5501-5514.	6.7	41
42	Citrus Pomace Biomass as a Source of Pectin and Lignocellulose Fibers: From Waste to Upgraded Biocomposites for Mulching Applications. Polymers, 2021, 13, 1280.	4.5	41
43	Acid-insoluble lignin and holocellulose from a lignocellulosic biowaste: Bio-fillers in poly(3-hydroxybutyrate). European Polymer Journal, 2016, 76, 63-76.	5.4	40
44	Pectin-honey coating as novel dehydrating bioactive agent for cut fruit: Enhancement of the functional properties of coated dried fruits. Food Chemistry, 2018, 258, 104-110.	8.2	40
45	Enhancement of poly(3-hydroxybutyrate) thermal and processing stability using a bio-waste derived additive. International Journal of Biological Macromolecules, 2012, 51, 1151-1158.	7.5	37
46	Reactive Blending Methodologies for Biopol. Polymer International, 1996, 39, 191-204.	3.1	36
47	Cynara cardunculus Biomass Recovery: An Eco-Sustainable, Nonedible Resource of Vegetable Oil for the Production of Poly(lactic acid) Bioplasticizers. ACS Sustainable Chemistry and Engineering, 2019, 7, 4069-4077.	6.7	36
48	Natural Polymers and Additives in Commodity and Specialty Applications: A Challenge for the Chemistry of Future. Macromolecular Symposia, 2014, 337, 124-133.	0.7	35
49	Natural and Synthetic Hydroxyapatite Filled PCL: Mechanical Properties and Biocompatibility Analysis. Journal of Bioactive and Compatible Polymers, 2004, 19, 301-313.	2.1	33
50	Chemico-physical and antifungal properties of poly(butylene succinate)/cavoxin blend: Study of a novel bioactive polymeric based system. European Polymer Journal, 2017, 94, 230-247.	5.4	33
51	Thermoplastic starch and bioactive chitosan sub-microparticle biocomposites: Antifungal and chemico-physical properties of the films. Carbohydrate Polymers, 2020, 230, 115627.	10.2	32
52	Bio-Based and Biodegradable Plastics for Use in Crop Production. Recent Patents on Food, Nutrition & Agriculture, 2011, 3, 49-63.	0.9	31
53	Pectin/Carboxymethylcellulose Films as a Potential Food Packaging Material. Macromolecular Symposia, 2018, 378, 1600163.	0.7	31
54	Natural Polysaccharide-Based Gels for Dairy Food Preservation. Journal of Dairy Science, 2006, 89, 2856-2864.	3.4	30

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55	Novel alginateâ€“acrylic polymers as a platform for drug delivery. Journal of Biomedical Materials Research - Part A, 2006, 78A, 523-531.	4.0	30
56	A new method of preparation of a rubber-modified polyamide directly during caprolactam polymerization. Polymer Engineering and Science, 1985, 25, 193-206.	3.1	29
57	Rubber modification of polyamide-6 effected concurrently with caprolactam polymerization: influence of blending conditions and degree of grafting of rubber. Polymer, 1988, 29, 1418-1425.	3.8	29
58	Preparation, physico-chemical characterization, and optical analysis of polyvinyl alcohol-based films suitable for protected cultivation. Journal of Applied Polymer Science, 2002, 86, 622-632.	2.6	29
59	Optical properties of a novel alkoxy-substituted poly (p-phenylene 1,3,4-oxadiazoles) for electro-optical devices. Materials Chemistry and Physics, 2003, 77, 945-951.	4.0	29
60	Physical behavior of biodegradable alginate-poly(vinyl alcohol) blend films. Journal of Polymer Science, Part B: Polymer Physics, 2005, 43, 1205-1213.	2.1	28
61	The effect of the surface charge of hydrogel supports on thermophilic biohydrogen production. Bioresource Technology, 2010, 101, 4386-4394.	9.6	28
62	RAFT/MADIX copolymerization of vinyl acetate and 5,6â€benzoâ€2â€methyleneâ€1,3â€dioxepane. Journal of Polymer Science Part A, 2014, 52, 104-111.	2.3	27
63	Stabilization of Polylactic Acid and Polyethylene with Nutshell Extract: Efficiency Assessment and Economic Evaluation. ACS Sustainable Chemistry and Engineering, 2017, 5, 4607-4618.	6.7	27
64	Influence of composition on properties of nylon 6/EVOH blends. Journal of Polymer Science, Part B: Polymer Physics, 1999, 37, 2445-2455.	2.1	26
65	Development of a new calcium sulphate-based composite using alginate and chemically modified chitosan for bone regeneration. Journal of Biomedical Materials Research - Part A, 2007, 81A, 811-820.	4.0	26
66	Synthesis of chitosanâ€“PEO hydrogels via mesylation and regioselective Cu(I)-catalyzed cycloaddition. Carbohydrate Polymers, 2014, 112, 736-745.	10.2	26
67	Peculiar crystallization kinetics of biodegradable poly(lactic acid)/poly(propylene carbonate) blends. Polymer Engineering and Science, 2015, 55, 2698-2705.	3.1	26
68	Biodegradable mulching spray for weed control in the cultivation of containerized ornamental shrubs. Chemical and Biological Technologies in Agriculture, 2018, 5, .	4.6	26
69	Continuous hydrogen production by immobilized cultures of Thermotoga neapolitana on an acrylic hydrogel with pH-buffering properties. RSC Advances, 2012, 2, 3611.	3.6	25
70	Title is missing!. Die Makromolekulare Chemie, 1987, 188, 951-960.	1.1	24
71	Rubber modification of polybutyleneterephthalate by reactive blending concurrently with polymerization reaction. Polymer, 1989, 30, 835-841.	3.8	24
72	Segmented poly(etherâ€“esterâ€“amide)s based on poly(l,l-lactide) macromers. Polymer, 2001, 42, 3383-3392.	3.8	24

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73	Alkoxy-Substituted Poly(p-phenylene 1,3,4-oxadiazole)s:Â Synthesis, Chemical Characterization, and Electro-Optical Properties. Chemistry of Materials, 2002, 14, 1539-1547.	6.7	24
74	De-hydration of apples by innovative bio-films drying. Journal of Food Engineering, 2010, 97, 491-496.	5.2	24
75	Phase separation in blends of aromatic polyoxadiazole and polyamide-6. Polymer, 1991, 32, 2505-2511.	3.8	23
76	Development and performance analysis of PCL/silica nanocomposites for bone regeneration. Journal of Materials Science: Materials in Medicine, 2010, 21, 2923-2936.	3.6	22
77	Radical polymerization of methyl methacrylate in the presence of biodegradable poly(L-lactic acid). Preparation of blends, chemical-physical characterization and morphology. Macromolecular Chemistry and Physics, 2000, 201, 1295-1302.	2.2	20
78	Synthesis and impact behaviour of PMMA/EVA interpenetrated blends. Angewandte Makromolekulare Chemie, 1989, 170, 137-143.	0.2	18
79	Thermal oxidative stability and effect of water on gas transport and mechanical properties in PA6-EVOH films. Journal of Polymer Science, Part B: Polymer Physics, 2007, 45, 840-849.	2.1	18
80	Water Buffalo Mozzarella Cheese Stored in Polysaccharide-Based Gels: Correlation Between Prolongation of the Shelf-Life and Physicochemical Parameters. Journal of Dairy Science, 2008, 91, 1317-1324.	3.4	18
81	Biocomposites based on Poly(lactic acid), Cynara Cardunculus seed oil and fibrous presscake: a novel eco-friendly approach to hasten PLA biodegradation in common soil. Polymer Degradation and Stability, 2021, 188, 109576.	5.8	18
82	Î±-costic acid, a plant sesquiterpenoid from Dittrichia viscosa, as modifier of Poly (lactic acid) properties: a novel exploitation of the autochthone biomass metabolite for a wholly biodegradable system. Industrial Crops and Products, 2020, 146, 112134.	5.2	18
83	Rubber Modification of Polyester Resins, 1. Rubber Reactivity and Blend Morphology. International Journal of Polymeric Materials and Polymeric Biomaterials, 1987, 11, 295-315.	3.4	17
84	Enzymatic production of clickable and PEGylated recombinant polyhydroxyalkanoates. Green Chemistry, 2017, 19, 5494-5504.	9.0	17
85	Morphologies and properties of polyblends: 1. Blends of poly(methylmethacrylate) and a chlorine-containing polycarbonate. Polymer, 1983, 24, 1162-1170.	3.8	16
86	Preparation of poly(Î²-hydroxybutyrate)/poly(methyl methacrylate) blends by reactive blending and their characterisation. Macromolecular Chemistry and Physics, 1998, 199, 1901-1907.	2.2	16
87	Biodegradable films of natural polysaccharides blends. Journal of Materials Science Letters, 2003, 22, 1389-1392.	0.5	16
88	Processing and properties of biodegradable compounds based on aliphatic polyesters. Journal of Applied Polymer Science, 2015, 132, .	2.6	16
89	Applications of Poly(lactic Acid) in Commodities and Specialties. Advances in Polymer Science, 2018, , 35-50.	0.8	16
90	Up-cycling end-of-use materials: Highly filled thermoplastic composites obtained by loading waste carbon fiber composite into fluidified recycled polystyrene. Polymer Composites, 2014, 35, 1621-1628.	4.6	15

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91	Fluorinated oligo(ethylene glycol) methacrylate-based copolymers: Tuning of self assembly properties and relationship with rheological behavior. Polymer, 2017, 112, 169-179.	3.8	15
92	Lignosulfonates as Fire Retardants in Wood Flour-Based Particleboards. International Journal of Polymer Science, 2019, 2019, 1-10.	2.7	15
93	Alginate/Polyvinylalcohol Blends for Agricultural Applications: Structure-Properties Correlation, Mechanical Properties and Greenhouse Effect Evaluation. Macromolecular Symposia, 2001, 169, 241-250.	0.7	14
94	New elastomeric networks based on functionalized ethyleneâ€“propylene rubbers and hydroxyl terminated polybutadiene. I. A kinetic study on the monoesterification. Journal of Polymer Science Part A, 1989, 27, 829-838.	2.3	13
95	Some electrical properties of aluminum-epoxy composite. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 1991, 10, 29-33.	3.5	13
96	A Preliminary Investigation on the Use of Poly[(ethylene terephthalate)-co-(É›-caprolactone)] Copolymer as Compatibiliser of HDPE/PET Blends. Macromolecular Materials and Engineering, 2001, 286, 248-253.	3.6	13
97	Synthesis and Characterization of Functionalized Crosslinkable Poly(É›-caprolactone). Macromolecular Chemistry and Physics, 2006, 207, 1861-1869.	2.2	13
98	Well-Defined Thermo-Responsive Copolymers Based on Oligo(Ethylene Glycol) Methacrylate and Pentafluorostyrene for the Removal of Organic Dyes from Water. Nanomaterials, 2020, 10, 1779.	4.1	13
99	Rubber Modification of Polyester Resins, 2-Impact Behaviour and Morphology. International Journal of Polymeric Materials and Polymeric Biomaterials, 1987, 11, 317-331.	3.4	12
100	Synthesis and structureâ€“property relationships of a new class of rubber-toughened PMMA. Journal of Applied Polymer Science, 1992, 44, 1883-1892.	2.6	12
101	Shedding light on surface exposition of poly(ethylene glycol) and folate targeting units on nanoparticles of poly(Îµ-caprolactone) diblock copolymers: Beyond a paradigm. European Journal of Pharmaceutical Sciences, 2018, 111, 177-185.	4.0	12
102	Isolation and characterization of graft copolymer formed during the reactive blending of poly(Î²-hydroxybutyrate-co-Î²-hydroxyvalerate) and poly(Îµ-caprolactone). Macromolecular Rapid Communications, 1994, 15, 103-109.	3.9	11
103	Unsaturated alkoxy-substituted poly(p-phenylene 1,3,4-oxadiazole)s: Synthesis and chemical-physical characterization. Journal of Polymer Science Part A, 2003, 41, 3916-3928.	2.3	11
104	Preparation and characterization of polybutylene succinate (PBS) and polybutylene adipate-terephthalate (PBAT) biodegradable blends. AIP Conference Proceedings, 2018, , .	0.4	11
105	Reactive blending of bioaffine polyesters through free-radical processes. Angewandte Makromolekulare Chemie, 1993, 210, 129-141.	0.2	10
106	Synthesis and characterization of new siloxane-modified addition polyimides. Macromolecular Chemistry and Physics, 1994, 195, 3057-3065.	2.2	9
107	Influence of spinning velocity on mechanical and structural behavior of PET/nylon 6 fibers. Journal of Applied Polymer Science, 1995, 55, 57-67.	2.6	9
108	Novel synthesis blends between bacterial polyesters and acrylic rubber: A study on enzymatic biodegradation. Journal of Polymers and the Environment, 1995, 3, 49-60.	0.6	9

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109	Covalent attachment of chromophores to chlorinated copolymers for optical waveguides: Synthesis and optical characterization. Polymer, 2009, 50, 1645-1653.	3.8	9
110	Enhancement of Adhesive Strength of Epoxy/Carboxyl-Terminated Poly(butadiene-co-acrylonitrile) Nanocomposites Using Waste Hemp Fiber-Derived Cellulose Nanofibers. Industrial & Engineering Chemistry Research, 2020, 59, 10904-10913.	3.7	9
111	A new class of aromatic polyetheraroylhydrazides. I. Synthesis and chemicalâ€“physical characterization. Journal of Polymer Science Part A, 1993, 31, 1315-1322.	2.3	8
112	Development of nanocomposite based on hydroxyethylmethacrylate and functionalized fumed silica: mechanical, chemicoâ€“physical and biological characterization. Journal of Materials Science: Materials in Medicine, 2011, 22, 481-490.	3.6	8
113	Development of Innovative Biopolymers and Related Composites for Bone Tissue Regeneration: Study of Their Interaction with Human Osteoprogenitor Cells. Journal of Applied Biomaterials and Functional Materials, 2012, 10, 210-214.	1.6	8
114	Shape Memory Behaviour of Functionalised Poly(Îµ-caprolactone) Crosslinked by Hexamethylene-Diisocyanate. Current Organic Chemistry, 2012, 16, 2708-2716.	1.6	8
115	Pectin-based pellets for crayfish aquaculture: structural and functional characteristics and effects on redclaw Cherax quadricarinatus performances. Aquaculture Nutrition, 2015, 21, 814-823.	2.7	8
116	Biodegradable polymers as carriers for tuning the release and improve the herbicidal effectiveness of Dittrichia viscosa plant organic extracts. Pest Management Science, 2021, 77, 646-658.	3.4	8
117	Polymer blends of poly(p-phenylene 1,3,4-oxadiazole) and poly(p-phenylene terephthalamide): morphology and mechanical behaviour. Polymer, 1993, 34, 1677-1683.	3.8	7
118	Reactive blending of bioaffine polyesters through freeâ€radical processes initiated by organic peroxides. Macromolecular Symposia, 1994, 78, 243-258.	0.7	7
119	Addition of ethylene-co-vinyl acetate rubber during caprolactam polymerization: 1. Synthesis and preliminary morphological characterization. Polymer, 1991, 32, 364-373.	3.8	6
120	Nanoparticles decorated with folate based on a site-selective Îą-CD-rotaxanated PEG-b-PCL copolymer for targeted cancer therapy. Polymer Chemistry, 2020, 11, 3892-3903.	3.9	6
121	Characteristics of double layers of aluminium-epoxy composite in the X-band. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 1992, 14, 1-4.	3.5	5
122	A new class of aromatic poly-ether-aroyl-oxadiazoles. II. Studies on the cyclization reaction, infrared, structural, and morphological characterization. Journal of Polymer Science, Part B: Polymer Physics, 1994, 32, 1249-1256.	2.1	5
123	Optical Characterization of Polymeric Films by a New Methodological Approach. Applied Spectroscopy, 2001, 55, 858-863.	2.2	5
124	Acrylate/EVA reactive blends and semi-IPN: Chemical, chemicalâ€“physical, and thermo-optical characterization. Journal of Applied Polymer Science, 2006, 99, 2926-2935.	2.6	5
125	Cationic copolymers nanoparticles for nonviral gene vectors: Synthesis, characterization, and application in gene delivery. Journal of Biomedical Materials Research - Part A, 2010, 94A, 619-630.	4.0	5
126	From Microbial Biopolymers to Bioplastics: Sustainable Additives for PHB Processing and Stabilization. , 2015, , 139-160.		5

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127	Characterization of Cured Rubber Modified Polyester Resins by Nuclear Magnetic Resonance Methods. International Journal of Polymeric Materials and Polymeric Biomaterials, 1988, 12, 125-133.	3.4	4
128	Thermal and structural analysis and crystallization behavior of new poly(ether-alkyl) oxadiazoles. Journal of Polymer Science, Part B: Polymer Physics, 1994, 32, 1643-1651.	2.1	4
129	Development and characterization of porous membranes with â€œsandwich-likeâ€•structure based on biocompatible, immiscible polymer blends. Journal of Materials Chemistry, 2007, 17, 4508.	6.7	4
130	Polysaccharides as Biopolymers for Food Shelf-Life Extention: Recent Patents. Recent Patents on Food, Nutrition & Agriculture, 2010, 2, 129-139.	0.9	4
131	Ulomoides dermestoides Coleopteran action on Thermoplastic Starch/Poly(lactic acid) films biodegradation: a novel, challenging and sustainable approach for a fast mineralization process. Carbohydrate Polymers, 2022, 279, 118989.	10.2	4
132	Nuclear magnetic resonance microscopy of multicomponent polymeric materials. Journal of Materials Science Letters, 1993, 12, 728-731.	0.5	3
133	New Poly(ether-alkyl)hydrazides: Synthesis and Characterization. Polymer Journal, 1993, 25, 227-236.	2.7	3
134	Properties/Structure Relationships in Innovative PCL-SiO2 Nanocomposites. Macromolecular Symposia, 2001, 169, 201-210.	0.7	3
135	A New Class of Poly(ester hydrazide) Copolymers with Liquid Crystalline Properties. Synthesis and Characterization. Polymer Journal, 2001, 33, 575-583.	2.7	3
136	Effect of natural phenolics on the thermal and processing behaviour of poly(3-hydroxybutyrate). AIP Conference Proceedings, 2015, , .	0.4	3
137	Biodegradable Spray Mulching and Nursery Pots: New Frontiers for Research. Green Chemistry and Sustainable Technology, 2017, , 105-137.	0.7	3
138	Functionalization of ethylene-propylene saturated rubbers: a study on the grafting of monoethylmaleate and its cyclization reaction. Polymer Bulletin, 1989, 22, 603-610.	3.3	2
139	Innovative polyamide-based packaging of fresh meat. Journal of Applied Polymer Science, 2004, 93, 23-29.	2.6	2
140	PLLA Based Composites with Î±-Tricalcium Phosphate and a PLLA-PEO Diblock Copolymer. Macromolecular Symposia, 2006, 234, 26-32.	0.7	2
141	Sprayable Polysaccharide-Based Fiber Reinforced Emulsions for Environmentally Sound Plasticulture. Macromolecular Symposia, 2006, 245-246, 578-583.	0.7	2
142	Influence of Microstructure and Sequence Length Distribution on First-Order Thermal Transition in Ethylene-Propylene Rubbers. International Journal of Polymeric Materials and Polymeric Biomaterials, 1988, 12, 147-164.	3.4	1
143	Evaluation of a new natural adjuvant obtained from locust bean gum to reduce the amount of copper necessary to control downy mildew of grapevine. Journal of Plant Diseases and Protection, 2018, 125, 287-296.	2.9	1
144	Title is missing!. Angewandte Makromolekulare Chemie, 1995, 231, 79-89.	0.2	0

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145	Tailoring Mater-Bi properties by the use of a biowaste-derived additive. , 2010, , .		0
146	Biodegradable Poly(Butylene Succinate)-Based Composites for Food Packaging. Springer Water, 2018, , 199-204.	0.3	0