

# Giuliana Gorrasi

## List of Publications by Citations

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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.

127 papers	4,767 citations	34 h-index	66 g-index
137 ext. papers	5,284 ext. citations	5.1 avg, IF	6.05 L-index

#	Paper	IF	Citations
127	Potential perspectives of bio-nanocomposites for food packaging applications. <i>Trends in Food Science and Technology</i> , <b>2007</b> , 18, 84-95	15.3	777
126	Vapor barrier properties of polycaprolactone montmorillonite nanocomposites: effect of clay dispersion. <i>Polymer</i> , <b>2003</b> , 44, 2271-2279	3.9	290
125	PLA-ZnO nanocomposite films: Water vapor barrier properties and specific end-use characteristics. <i>European Polymer Journal</i> , <b>2013</b> , 49, 3471-3482	5.2	176
124	Structural characterization and transport properties of organically modified montmorillonite/polyurethane nanocomposites. <i>Polymer</i> , <b>2002</b> , 43, 6147-6157	3.9	169
123	Effect of PLA grades and morphologies on hydrolytic degradation at composting temperature: Assessment of structural modification and kinetic parameters. <i>Polymer Degradation and Stability</i> , <b>2013</b> , 98, 1006-1014	4.7	166
122	Biodegradable nanocomposites obtained by ball milling of pectin and montmorillonites. <i>Carbohydrate Polymers</i> , <b>2006</b> , 64, 516-523	10.3	125
121	Nano clay reinforced PCL/starch blends obtained by high energy ball milling. <i>Carbohydrate Polymers</i> , <b>2009</b> , 75, 172-179	10.3	124
120	Dispersion of halloysite loaded with natural antimicrobials into pectins: Characterization and controlled release analysis. <i>Carbohydrate Polymers</i> , <b>2015</b> , 127, 47-53	10.3	123
119	New polymeric composites based on poly(-caprolactone) and layered double hydroxides containing antimicrobial species. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2009</b> , 1, 668-77	9.5	120
118	Incorporation of carbon nanotubes into polyethylene by high energy ball milling: Morphology and physical properties. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>2007</b> , 45, 597-606	2.6	117
117	Fabrication of polymer nanocomposites via ball milling: Present status and future perspectives. <i>Progress in Materials Science</i> , <b>2017</b> , 86, 75-126	42.2	113
116	Mechanical milling as a technology to produce structural and functional bio-nanocomposites. <i>Green Chemistry</i> , <b>2015</b> , 17, 2610-2625	10	108
115	PLA/Halloysite Nanocomposite Films: Water Vapor Barrier Properties and Specific Key Characteristics. <i>Macromolecular Materials and Engineering</i> , <b>2014</b> , 299, 104-115	3.9	103
114	Incorporation of MgAl hydrotalcite into a biodegradable Poly(Ecaprolactone) by high energy ball milling. <i>Polymer</i> , <b>2005</b> , 46, 1601-1608	3.9	102
113	Transport and mechanical properties of blends of poly(?-caprolactone) and a modified montmorillonite- poly(?-caprolactone) nanocomposite. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>2002</b> , 40, 1118-1124	2.6	88
112	Transport properties of organic vapors in nanocomposites of organophilic layered silicate and syndiotactic polypropylene. <i>Polymer</i> , <b>2003</b> , 44, 3679-3685	3.9	79
111	Pectins filled with LDH-antimicrobial molecules: preparation, characterization and physical properties. <i>Carbohydrate Polymers</i> , <b>2012</b> , 89, 132-7	10.3	75

110	Synthesis and physical properties of layered silicates/polyurethane nanocomposites. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>2005</b> , 43, 2454-2467	2.6	71
109	Nano-hybrids incorporation into poly( $\epsilon$ -caprolactone) for multifunctional applications: Mechanical and barrier properties. <i>European Polymer Journal</i> , <b>2010</b> , 46, 418-427	5.2	70
108	Modified layered double hydroxides in polycaprolactone as a tunable delivery system: in vitro release of antimicrobial benzoate derivatives. <i>Applied Clay Science</i> , <b>2011</b> , 52, 34-40	5.2	69
107	Hybrid clay mineral-carbon nanotube-PLA nanocomposite films. Preparation and photodegradation effect on their mechanical, thermal and electrical properties. <i>Applied Clay Science</i> , <b>2013</b> , 71, 49-54	5.2	67
106	Physical properties of poly( $\epsilon$ -caprolactone) layered silicate nanocomposites prepared by controlled grafting polymerization. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>2004</b> , 42, 1466-1475	2.6	63
105	Structure-property relationships on uniaxially oriented carbon nanotube/polyethylene composites. <i>Polymer</i> , <b>2011</b> , 52, 1124-1132	3.9	60
104	Edible bio-nano-hybrid coatings for food protection based on pectins and LDH-salicylate: Preparation and analysis of physical properties. <i>LWT - Food Science and Technology</i> , <b>2016</b> , 69, 139-145	5.4	51
103	Effect of filler content and size on transport properties of water vapor in PLA/calcium sulfate composites. <i>Biomacromolecules</i> , <b>2008</b> , 9, 984-90	6.9	49
102	Polymorphism and Thermal Behaviour of Syndiotactic Poly(propylene)/Carbon Nanotube Composites. <i>Macromolecular Rapid Communications</i> , <b>2004</b> , 25, 1963-1967	4.8	49
101	Poly lactide and carbon nanotubes/smectite-clay nanocomposites: Preparation, characterization, sorptive and electrical properties. <i>Applied Clay Science</i> , <b>2011</b> , 53, 188-194	5.2	43
100	Effect of carbon nanotubes on the photo-oxidative durability of syndiotactic polypropylene. <i>Polymer Degradation and Stability</i> , <b>2010</b> , 95, 1614-1626	4.7	40
99	Photo-oxidative stabilization of carbon nanotubes on polylactic acid. <i>Polymer Degradation and Stability</i> , <b>2013</b> , 98, 963-971	4.7	39
98	Hydrolysis and Biodegradation of Poly(lactic acid). <i>Advances in Polymer Science</i> , <b>2017</b> , 119-151	1.3	39
97	Carbon nanotube induced structural and physical property transitions of syndiotactic polypropylene. <i>Nanotechnology</i> , <b>2007</b> , 18, 275703	3.4	39
96	Encapsulation and exfoliation of inorganic lamellar fillers into polycaprolactone by electrospinning. <i>Biomacromolecules</i> , <b>2007</b> , 8, 3147-52	6.9	37
95	Encapsulation of Lysozyme into halloysite nanotubes and dispersion in PLA: Structural and physical properties and controlled release analysis. <i>European Polymer Journal</i> , <b>2017</b> , 93, 495-506	5.2	36
94	Effect of temperature and morphology on the electrical properties of PET/conductive nanofillers composites. <i>Composites Part B: Engineering</i> , <b>2018</b> , 135, 149-154	10	34
93	PET/halloysite nanotubes composites for packaging application: Preparation, characterization and analysis of physical properties. <i>European Polymer Journal</i> , <b>2014</b> , 61, 145-156	5.2	34

92	Polymer blends of steam-explosion lignin and poly( $\epsilon$ -caprolactone) by high-energy ball milling. <i>Journal of Applied Polymer Science</i> , <b>2008</b> , 109, 309-313	2.9	31
91	Lignin/Poly( $\epsilon$ -caprolactone) Blends with Tuneable Mechanical Properties Prepared by High Energy Ball-Milling. <i>Journal of Polymers and the Environment</i> , <b>2010</b> , 18, 326-334	4.5	30
90	Transport properties of organic vapors in nanocomposites of isotactic polypropylene. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>2003</b> , 41, 1798-1805	2.6	30
89	Phase behavior of modified montmorillonite/poly( $\epsilon$ -caprolactone) nanocomposites. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>2004</b> , 42, 1321-1332	2.6	28
88	Transport properties of organic vapours in silicone/clay nanocomposites. <i>Polymer</i> , <b>2009</b> , 50, 3626-3637	3.9	27
87	Antimicrobial Membranes of Bio-Based PA 11 and HNTs Filled with Lysozyme Obtained by an Electrospinning Process. <i>Nanomaterials</i> , <b>2018</b> , 8,	5.4	26
86	Transport Properties of Water Vapor in Polylactide/Montmorillonite Nanocomposites. <i>Journal of Macromolecular Science - Physics</i> , <b>2004</b> , 43, 565-575	1.4	26
85	Synthesis and characterization of novel star-like PEOBMA based copolymers. <i>Reactive and Functional Polymers</i> , <b>2011</b> , 71, 23-29	4.6	24
84	Influence of the electrical field applied during thermal cycling on the conductivity of LLDPE/CNT composites. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , <b>2007</b> , 37, 66-71	3	24
83	Phenolic profiles and postharvest quality changes of fresh-cut radicchio (Cichorium intybus L.): nutrient value in fresh vs. stored leaves. <i>Journal of Food Composition and Analysis</i> , <b>2016</b> , 51, 76-84	4.1	22
82	Active coating for storage of Mozzarella cheese packaged under thermal abuse. <i>Food Control</i> , <b>2016</b> , 64, 10-16	6.2	22
81	Green pesticides based on cinnamate anion incorporated in layered double hydroxides and dispersed in pectin matrix. <i>Carbohydrate Polymers</i> , <b>2019</b> , 209, 356-362	10.3	21
80	Preparation, processing and analysis of physical properties of calcium ferrite-CNTs/PET nano-composite. <i>Composites Part B: Engineering</i> , <b>2015</b> , 81, 44-52	10	20
79	Nanocomposites Based on PCL and Halloysite Nanotubes Filled with Lysozyme: Effect of Draw Ratio on the Physical Properties and Release Analysis. <i>Nanomaterials</i> , <b>2017</b> , 7,	5.4	20
78	Evaluation of zein/halloysite nano-containers as reservoirs of active molecules for packaging applications: Preparation and analysis of physical properties. <i>Journal of Cereal Science</i> , <b>2016</b> , 70, 66-71	3.8	20
77	Halloysite nanotubes and thymol as photo protectors of biobased polyamide 11. <i>Polymer Degradation and Stability</i> , <b>2018</b> , 152, 43-51	4.7	19
76	Assessment of Ball Milling as a Compounding Technique to Develop Nanocomposites of Poly(3-Hydroxybutyrate-co-3-Hydroxyvalerate) and Bacterial Cellulose Nanowhiskers. <i>Journal of Polymers and the Environment</i> , <b>2016</b> , 24, 241-254	4.5	19
75	Barrier properties of PLA to water vapour: Effect of temperature and morphology. <i>Macromolecular Research</i> , <b>2013</b> , 21, 1110-1117	1.9	18

74	Influence of the Preparation Method and Photo-Oxidation Treatment on the Thermal and Gas Transport Properties of Dense Films Based on a Poly(ether-block-amide) Copolymer. <i>Materials</i> , <b>2018</b> , 11,	3.5	18
73	Ionic Liquid as Dispersing Agent of LDH-Carbon Nanotubes into a Biodegradable Vinyl Alcohol Polymer. <i>Polymers</i> , <b>2020</b> , 12,	4.5	17
72	Layered double hydroxides are still out in the bloom: Syntheses, applications and advantages of three-dimensional flower-like structures. <i>Advances in Colloid and Interface Science</i> , <b>2020</b> , 285, 102284	14.3	17
71	Modulation of Biodegradation Rate of Poly(lactic acid) by Silver Nanoparticles. <i>Journal of Polymers and the Environment</i> , <b>2015</b> , 23, 316-320	4.5	16
70	Assessment of ball milling methodology to develop polylactide-bacterial cellulose nanocrystals nanocomposites. <i>Journal of Applied Polymer Science</i> , <b>2015</b> , 132, n/a-n/a	2.9	16
69	Ionic Liquid as Surfactant Agent of Hydrotalcite: Influence on the Final Properties of Polycaprolactone Matrix. <i>Polymers</i> , <b>2018</b> , 10,	4.5	16
68	Effect of morphology of the filler on the electrical behaviour of poly(l-lactide) nanocomposites. <i>Journal of Physics and Chemistry of Solids</i> , <b>2013</b> , 74, 1-6	3.9	16
67	Electroconductive Polyamide 6/MWNT Nanocomposites: Effect of Nanotube Surface-Coating by in situ Catalyzed Polymerization. <i>Macromolecular Materials and Engineering</i> , <b>2011</b> , 296, 408-413	3.9	16
66	Phosphonium ionic liquid as interfacial agent of layered double hydroxide: Application to a pectin matrix. <i>Carbohydrate Polymers</i> , <b>2018</b> , 182, 142-148	10.3	16
65	On the use of ball milling to develop PHBV/graphene nanocomposites (I) Morphology, thermal properties, and thermal stability. <i>Journal of Applied Polymer Science</i> , <b>2015</b> , 132, n/a-n/a	2.9	15
64	Structure/transport property relationships within nanoclay-filled polyurethane materials using polycaprolactone-based masterbatches. <i>Composites Science and Technology</i> , <b>2014</b> , 90, 74-81	8.6	15
63	Controlled release mechanisms of sodium benzoate from a biodegradable polymer and halloysite nanotube composite. <i>Polymer International</i> , <b>2017</b> , 66, 690-698	3.3	14
62	Mechanical milling: a sustainable route to induce structural transformations in MoS for applications in the treatment of contaminated water. <i>Scientific Reports</i> , <b>2019</b> , 9, 974	4.9	14
61	Hybrid clay-carbon nanotube/PET composites: Preparation, processing, and analysis of physical properties. <i>Journal of Applied Polymer Science</i> , <b>2014</b> , 131, n/a-n/a	2.9	14
60	Preparation and Physical Properties of Carbon Nanotubes/BVA Nanocomposites. <i>Journal of Macromolecular Science - Physics</i> , <b>2005</b> , 44, 779-795	1.4	14
59	Active packaging for table grapes: Evaluation of antimicrobial performances of packaging for shelf life of the grapes under thermal stress. <i>Food Packaging and Shelf Life</i> , <b>2020</b> , 25, 100545	8.2	14
58	Valorization of Tomato Processing Residues Through the Production of Active Bio-Composites for Packaging Applications. <i>Frontiers in Materials</i> , <b>2019</b> , 6,	4	13
57	Preparation of poly(glycolide-co-lactide)s through a green process: Analysis of structural, thermal, and barrier properties. <i>Reactive and Functional Polymers</i> , <b>2016</b> , 109, 70-78	4.6	13

56	Fabrication and Characterization of Electrospun Membranes Based on "Poly( $\epsilon$ -caprolactone)", "Poly(3-hydroxybutyrate)" and Their Blend for Tunable Drug Delivery of Curcumin. <i>Polymers</i> , <b>2020</b> , 12,	4.5	13
55	Semi-crystalline polymer/carbon nanotube nanocomposites: Effect of nanotube surface-functionalization and polymer coating on electrical and thermal properties. <i>Reactive and Functional Polymers</i> , <b>2012</b> , 72, 383-392	4.6	12
54	Interfacial effects in organophilic montmorillonite/poly( $\epsilon$ -caprolactone) nanocomposites. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>2004</b> , 42, 3907-3919	2.6	12
53	Electromagnetically Stimuli-Responsive Nanoparticles-Based Systems for Biomedical Applications: Recent Advances and Future Perspectives. <i>Nanomaterials</i> , <b>2021</b> , 11,	5.4	12
52	Synergistic effect of lactic acid oligomers and laminar graphene sheets on the barrier properties of polylactide nanocomposites obtained by the in situ polymerization pre-incorporation method. <i>Journal of Applied Polymer Science</i> , <b>2016</b> , 133, n/a-n/a	2.9	12
51	A spectroscopic approach to assess transport properties of water vapor in PLA. <i>Polymer Testing</i> , <b>2015</b> , 44, 15-22	4.5	11
50	Polymerization of $\epsilon$ -caprolactone by sodium hydride: From the synthesis of the polymer samples to their thermal, mechanical and barrier properties. <i>Reactive and Functional Polymers</i> , <b>2012</b> , 72, 752-756	4.6	11
49	Correlations between microstructural characterization and thermal properties of well defined poly( $\epsilon$ -caprolactone) samples by ring opening polymerization with neutral and cationic bis(2,4,6-triisopropylphenyl)tin(IV) compounds. <i>Reactive and Functional Polymers</i> , <b>2010</b> , 70, 151-158	4.6	11
48	Permeability in Clay/Polyesters Nano-Biocomposites. <i>Green Energy and Technology</i> , <b>2012</b> , 237-264	0.6	10
47	Miscibility in crystalline polymer blends: Isotactic polypropylene and linear low-density polyethylene. <i>Journal of Applied Polymer Science</i> , <b>2003</b> , 90, 3338-3346	2.9	10
46	Modification of hemp fibers through alkaline attack assisted by mechanical milling: effect of processing time on the morphology of the system. <i>Cellulose</i> , <b>2020</b> , 27, 8653-8665	5.5	10
45	Mechanical dispersion of layered double hydroxides hosting active molecules in polyethylene: Analysis of structure and physical properties. <i>Applied Clay Science</i> , <b>2016</b> , 132-133, 2-6	5.2	10
44	Grafting of Hindered Phenol Groups onto Ethylene/ $\alpha$ -Olefin Copolymer by Nitroxide Radical Coupling. <i>Polymers</i> , <b>2017</b> , 9,	4.5	9
43	Postharvest evaluation of soilless-grown table grape during storage in modified atmosphere. <i>Journal of the Science of Food and Agriculture</i> , <b>2011</b> , 91, 2153-9	4.3	9
42	Phase Behavior of Blends of Poly( $\epsilon$ -Caprolactone) and a Modified Montmorillonite-Poly( $\epsilon$ -Caprolactone) Nanocomposite. <i>Journal of Macromolecular Science - Physics</i> , <b>2005</b> , 44, 79-92	1.4	9
41	On the use of ball milling to develop poly(3-hydroxybutyrate-co-3-hydroxyvalerate)-graphene nanocomposites (II) Mechanical, barrier, and electrical properties. <i>Journal of Applied Polymer Science</i> , <b>2015</b> , 132, n/a-n/a	2.9	8
40	Polyethylene-like macrolactone-based polyesters: Rheological, thermal and barrier properties. <i>Materials Today Communications</i> , <b>2018</b> , 17, 380-390	2.5	8
39	Transport properties of water vapor through hemp fibers modified with a sustainable process: Effect of surface morphology on the thermodynamic and kinetic phenomena. <i>Applied Surface Science</i> , <b>2021</b> , 541, 148433	6.7	7



38	Antimicrobial and Antibiofilm Activity of Curcumin-Loaded Electrospun Nanofibers for the Prevention of the Biofilm-Associated Infections. <i>Molecules</i> , <b>2021</b> , 26,	4.8	7
37	Recycling polyethylene from automotive fuel tanks. <i>Journal of Applied Polymer Science</i> , <b>2002</b> , 86, 347-351.	3.9	6
36	Coaxial electrospun membranes of poly( $\epsilon$ -caprolactone)/poly(lactic acid) with reverse core-shell structures loaded with curcumin as tunable drug delivery systems. <i>Polymers for Advanced Technologies</i> , <b>2021</b> , 32, 4005-4013	3.2	6
35	PET and Active Coating Based on a LDH Nanofiller Hosting p-Hydroxybenzoate and Food-Grade Zeolites: Evaluation of Antimicrobial Activity of Packaging and Shelf Life of Red Meat. <i>Nanomaterials</i> , <b>2019</b> , 9,	5.4	6
34	Nanohybrid Active Fillers in Food Contact Bio-based Materials <b>2018</b> , 71-94		5
33	Structural organization and transport properties of iPP/LLDPE blends solidified at controlled cooling rates. <i>Journal of Applied Polymer Science</i> , <b>2001</b> , 82, 2237-2244	2.9	5
32	Structural changes during annealing of the crystalline helical form of syndiotactic polypropylene. <i>Journal of Macromolecular Science - Physics</i> , <b>2002</b> , 41, 289-305	1.4	5
31	Solvent-free synthesis of halloysite-layered double hydroxide composites containing salicylate as novel, active fillers. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2021</b> , 627, 127135	5.1	5
30	Ball Milling to Produce Composites Based of Natural Clinoptilolite as a Carrier of Salicylate in Bio-Based PA11. <i>Polymers</i> , <b>2019</b> , 11,	4.5	4
29	Effect of Molecular Architecture on Physical Properties of Tree-Shaped and Star-Shaped Poly(Methyl Methacrylate)-Based Copolymers. <i>Journal of Macromolecular Science - Physics</i> , <b>2014</b> , 53, 474-485	1.4	4
28	Carbon nanotube-filled ethylene/vinylacetate copolymers: from in situ catalyzed polymerization to high-performance electro-conductive nanocomposites. <i>Polymers for Advanced Technologies</i> , <b>2012</b> , 23, 1435-1440	3.2	4
27	Formulation of a Bio-Packaging Based on Pure Cellulose Coupled with Cellulose Acetate Treated with Active Coating: Evaluation of Shelf Life of Pasta Ready to Eat. <i>Foods</i> , <b>2020</b> , 9,	4.9	4
26	Active packaging based on cellulose trays coated with layered double hydroxide as nano-carrier of parahydroxybenzoate: Application to fresh-cut iceberg lettuce. <i>Packaging Technology and Science</i> , <b>2021</b> , 34, 353-360	2.3	4
25	A novel approach to design sustainable fiber reinforced materials from renewable sources: mathematical modeling for the evaluation of the effect of fiber content on biocomposite properties. <i>Journal of Materials Research and Technology</i> , <b>2021</b> , 12, 717-726	5.5	4
24	Natural fiber reinforced inorganic foam composites from short hemp bast fibers obtained by mechanical decortation of unretted stems from the wastes of hemp cultivations. <i>Materials Today: Proceedings</i> , <b>2021</b> , 34, 176-179	1.4	4
23	Physical and barrier properties of chemically modified pectin with polycaprolactone through an environmentally friendly process. <i>Colloid and Polymer Science</i> , <b>2021</b> , 299, 429-437	2.4	4
22	Combined Effect of Active Packaging of Polyethylene Filled with a Nano-Carrier of Salicylate and Modified Atmosphere to Improve the Shelf Life of Fresh Blueberries. <i>Nanomaterials</i> , <b>2020</b> , 10,	5.4	3
21	Facile preparation of layered double hydroxide (LDH)-alginate beads as sustainable system for the triggered release of diclofenac: Effect of pH and temperature on release rate. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 184, 271-281	7.9	3

20	Antimicrobial sorbate anchored to layered double hydroxide (LDH) nano-carrier employed as active coating on Polypropylene (PP) packaging: Application to bread stored at ambient temperature. <i>Future Foods</i> , <b>2021</b> , 4, 100063	3.3	3
19	Recognition of the syndiotactic polypropylene polymorphs via dynamic-mechanical analysis. <i>Macromolecular Symposia</i> , <b>2003</b> , 203, 285-294	0.8	2
18	Fabrication of rice flour films reinforced with hemp hurd and loaded with grapefruit seed oil: A simple way to valorize agro-waste resources toward low cost materials with added value. <i>Industrial Crops and Products</i> , <b>2021</b> , 170, 113785	5.9	2
17	The role of (bio)degradability on the management of petrochemical and bio-based plastic waste.. <i>Journal of Environmental Management</i> , <b>2022</b> , 310, 114769	7.9	2
16	Effect of Draw Ratio on Physical, Release, and Antibacterial Properties of Poly(E-caprolactone) Loaded with Lysozyme. <i>Macromolecular Materials and Engineering</i> , <b>2017</b> , 302, 1700367	3.9	1
15	Progress in barrier packaging materials: bio-based nanocomposites as barrier materials for food packaging applications <b>2014</b> , 20-33		1
14	Structural Changes During Annealing of Melt-Quenched Syndiotactic Polypropylene in the Trans-Planar Mesophase. <i>Journal of Macromolecular Science - Physics</i> , <b>2004</b> , 43, 989-1004	1.4	1
13	Influence of molecular weight on the structure and ageing behavior of quenched syndiotactic poly(propylene). <i>Macromolecular Chemistry and Physics</i> , <b>2002</b> , 203, 1420-1426	2.6	1
12	Hemp fibers modified with graphite oxide as green and efficient solution for water remediation: Application to methylene blue. <i>Chemosphere</i> , <b>2021</b> , 132614	8.4	1
11	A Food-Grade Resin with LDHSalicylate to Extend Mozzarella Cheese Shelf Life. <i>Processes</i> , <b>2021</b> , 9, 884	2.9	1
10	Electronic-Nose as Non-destructive Tool to Discriminate "Ferrovia" Sweet Cherries Cold Stored in Air or Packed in High CO Modified Atmospheres. <i>Frontiers in Nutrition</i> , <b>2021</b> , 8, 720092	6.2	1
9	Fabrication and Characterization of Bio-Nanocomposites Based on Halloysite-Encapsulating Grapefruit Seed Oil in a Pectin Matrix as a Novel Bio-Coating for Strawberry Protection.. <i>Nanomaterials</i> , <b>2022</b> , 12,	5.4	1
8	Layered double hydroxide polymer nanocomposites for food-packaging applications <b>2020</b> , 743-779		0
7	Gelatin Beads/Hemp Hurd as pH Sensitive Devices for Delivery of Eugenol as Green Pesticide. <i>Journal of Polymers and the Environment</i> , <b>2021</b> , 29, 3756-3769	4.5	0
6	A layer-by-layer approach based on APTES/Cloisite to produce novel and sustainable high performances materials based on hemp fiberboards. <i>Polymer Degradation and Stability</i> , <b>2022</b> , 198, 109892	4.7	0
5	Fabrication of novel hybrid materials based on iron-aluminum modified hemp fibers: Comparison between two proposed methodologies. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2022</b> , 642, 128683	5.1	0
4	Physicochemical and Antioxidant Properties of White (Fiano cv) and Red (Negroamaro cv) Grape Pomace Skin Based Films. <i>Journal of Polymers and the Environment</i> , 1	4.5	0
3	A salicylate-functionalized PET packaging to counteract blue discoloration on mozzarella cheese under cold storage. <i>Food Packaging and Shelf Life</i> , <b>2022</b> , 32, 100850	8.2	0



- 2 Natural resources derived biocomposites as potential carriers of green pesticides in agricultural field: Designing and fabrication of a pot-like device. *Journal of Applied Polymer Science*, **2021**, 138, 51240<sup>2.9</sup>
- 1 How Chemical Structure and Composition Impact on the Release of Salt-like Drugs from Hydrophobic Matrices: Variation of Mechanism upon Adding Hydrophilic Features to PMMA. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2022**, 128878 5.1