

Giuliana Gorrasi

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.

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	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. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022 , 128878	5.1	0
126	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> , 2022 , 198, 109892	4.7	0
125	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> , 2022 , 12,	5.4	1
124	The role of (bio)degradability on the management of petrochemical and bio-based plastic waste.. <i>Journal of Environmental Management</i> , 2022 , 310, 114769	7.9	2
123	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> , 2022 , 642, 128683	5.1	0
122	A salicylate-functionalized PET packaging to counteract blue discoloration on mozzarella cheese under cold storage. <i>Food Packaging and Shelf Life</i> , 2022 , 32, 100850	8.2	0
121	Hemp fibers modified with graphite oxide as green and efficient solution for water remediation: Application to methylene blue. <i>Chemosphere</i> , 2021 , 132614	8.4	1
120	Electromagnetically Stimuli-Responsive Nanoparticles-Based Systems for Biomedical Applications: Recent Advances and Future Perspectives. <i>Nanomaterials</i> , 2021 , 11,	5.4	12
119	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> , 2021 , 34, 353-360	2.3	4
118	Gelatin Beads/Hemp Hurd as pH Sensitive Devices for Delivery of Eugenol as Green Pesticide. <i>Journal of Polymers and the Environment</i> , 2021 , 29, 3756-3769	4.5	0
117	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> , 2021 , 12, 717-726	5.5	4
116	A Food-Grade Resin with LDHs Salicylate to Extend Mozzarella Cheese Shelf Life. <i>Processes</i> , 2021 , 9, 884	2.9	1
115	Coaxial electrospun membranes of poly(ϵ -caprolactone)/poly(lactic acid) with reverse core-shell structures loaded with curcumin as tunable drug delivery systems. <i>Polymers for Advanced Technologies</i> , 2021 , 32, 4005-4013	3.2	6
114	Natural resources derived biocomposites as potential carriers of green pesticides in agricultural field: Designing and fabrication of a pot-like device. <i>Journal of Applied Polymer Science</i> , 2021 , 138, 51240	2.9	0
113	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> , 2021 , 34, 176-179	1.4	4
112	Physical and barrier properties of chemically modified pectin with polycaprolactone through an environmentally friendly process. <i>Colloid and Polymer Science</i> , 2021 , 299, 429-437	2.4	4
111	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> , 2021 , 541, 148433	6.7	7

110	Antimicrobial and Antibiofilm Activity of Curcumin-Loaded Electrospun Nanofibers for the Prevention of the Biofilm-Associated Infections. <i>Molecules</i> , 2021 , 26,	4.8	7
109	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> , 2021 , 184, 271-281	7.9	3
108	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> , 2021 , 8, 720092	6.2	1
107	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> , 2021 , 627, 127135	5.1	5
106	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> , 2021 , 170, 113785	5.9	2
105	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> , 2021 , 4, 100063	3.3	3
104	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> , 2020 , 10,	5.4	3
103	Ionic Liquid as Dispersing Agent of LDH-Carbon Nanotubes into a Biodegradable Vinyl Alcohol Polymer. <i>Polymers</i> , 2020 , 12,	4.5	17
102	Layered double hydroxide polymer nanocomposites for food-packaging applications 2020 , 743-779		0
101	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> , 2020 , 285, 102284	14.3	17
100	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> , 2020 , 25, 100545	8.2	14
99	Fabrication and Characterization of Electrospun Membranes Based on "Poly(ε-caprolactone)", "Poly(3-hydroxybutyrate)" and Their Blend for Tunable Drug Delivery of Curcumin. <i>Polymers</i> , 2020 , 12,	4.5	13
98	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> , 2020 , 9,	4.9	4
97	Modification of hemp fibers through alkaline attack assisted by mechanical milling: effect of processing time on the morphology of the system. <i>Cellulose</i> , 2020 , 27, 8653-8665	5.5	10
96	Mechanical milling: a sustainable route to induce structural transformations in MoS for applications in the treatment of contaminated water. <i>Scientific Reports</i> , 2019 , 9, 974	4.9	14
95	Ball Milling to Produce Composites Based of Natural Clinoptilolite as a Carrier of Salicylate in Bio-Based PA11. <i>Polymers</i> , 2019 , 11,	4.5	4
94	Valorization of Tomato Processing Residues Through the Production of Active Bio-Composites for Packaging Applications. <i>Frontiers in Materials</i> , 2019 , 6,	4	13
93	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> , 2019 , 9,	5.4	6

92	Green pesticides based on cinnamate anion incorporated in layered double hydroxides and dispersed in pectin matrix. <i>Carbohydrate Polymers</i> , 2019 , 209, 356-362	10.3	21
91	Halloysite nanotubes and thymol as photo protectors of biobased polyamide 11. <i>Polymer Degradation and Stability</i> , 2018 , 152, 43-51	4.7	19
90	Nanohybrid Active Fillers in Food Contact Bio-based Materials 2018 , 71-94		5
89	Effect of temperature and morphology on the electrical properties of PET/conductive nanofillers composites. <i>Composites Part B: Engineering</i> , 2018 , 135, 149-154	10	34
88	Antimicrobial Membranes of Bio-Based PA 11 and HNTs Filled with Lysozyme Obtained by an Electrospinning Process. <i>Nanomaterials</i> , 2018 , 8,	5.4	26
87	Ionic Liquid as Surfactant Agent of Hydrotalcite: Influence on the Final Properties of Polycaprolactone Matrix. <i>Polymers</i> , 2018 , 10,	4.5	16
86	Phosphonium ionic liquid as interfacial agent of layered double hydroxide: Application to a pectin matrix. <i>Carbohydrate Polymers</i> , 2018 , 182, 142-148	10.3	16
85	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> , 2018 , 11,	3.5	18
84	Polyethylene-like macrolactone-based polyesters: Rheological, thermal and barrier properties. <i>Materials Today Communications</i> , 2018 , 17, 380-390	2.5	8
83	Fabrication of polymer nanocomposites via ball milling: Present status and future perspectives. <i>Progress in Materials Science</i> , 2017 , 86, 75-126	42.2	113
82	Controlled release mechanisms of sodium benzoate from a biodegradable polymer and halloysite nanotube composite. <i>Polymer International</i> , 2017 , 66, 690-698	3.3	14
81	Effect of Draw Ratio on Physical, Release, and Antibacterial Properties of Poly(Ecaprolactone) Loaded with Lysozyme. <i>Macromolecular Materials and Engineering</i> , 2017 , 302, 1700367	3.9	1
80	Hydrolysis and Biodegradation of Poly(lactic acid). <i>Advances in Polymer Science</i> , 2017 , 119-151	1.3	39
79	Encapsulation of Lysozyme into halloysite nanotubes and dispersion in PLA: Structural and physical properties and controlled release analysis. <i>European Polymer Journal</i> , 2017 , 93, 495-506	5.2	36
78	Grafting of Hindered Phenol Groups onto Ethylene/Eolefin Copolymer by Nitroxide Radical Coupling. <i>Polymers</i> , 2017 , 9,	4.5	9
77	Nanocomposites Based on PCL and Halloysite Nanotubes Filled with Lysozyme: Effect of Draw Ratio on the Physical Properties and Release Analysis. <i>Nanomaterials</i> , 2017 , 7,	5.4	20
76	Preparation of poly(glycolide-co-lactide)s through a green process: Analysis of structural, thermal, and barrier properties. <i>Reactive and Functional Polymers</i> , 2016 , 109, 70-78	4.6	13
75	Phenolic profiles and postharvest quality changes of fresh-cut radicchio (<i>Cichorium intybus</i> L.): nutrient value in fresh vs. stored leaves. <i>Journal of Food Composition and Analysis</i> , 2016 , 51, 76-84	4.1	22

74	Active coating for storage of Mozzarella cheese packaged under thermal abuse. <i>Food Control</i> , 2016 , 64, 10-16	6.2	22
73	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> , 2016 , 69, 139-145	5.4	51
72	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> , 2016 , 133, n/a-n/a	2.9	12
71	Mechanical dispersion of layered double hydroxides hosting active molecules in polyethylene: Analysis of structure and physical properties. <i>Applied Clay Science</i> , 2016 , 132-133, 2-6	5.2	10
70	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> , 2016 , 24, 241-254	4.5	19
69	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> , 2016 , 70, 66-71	3.8	20
68	Preparation, processing and analysis of physical properties of calcium ferrite-CNTs/PET nano-composite. <i>Composites Part B: Engineering</i> , 2015 , 81, 44-52	10	20
67	Modulation of Biodegradation Rate of Poly(lactic acid) by Silver Nanoparticles. <i>Journal of Polymers and the Environment</i> , 2015 , 23, 316-320	4.5	16
66	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> , 2015 , 132, n/a-n/a	2.9	15
65	A spectroscopic approach to assess transport properties of water vapor in PLA. <i>Polymer Testing</i> , 2015 , 44, 15-22	4.5	11
64	Dispersion of halloysite loaded with natural antimicrobials into pectins: Characterization and controlled release analysis. <i>Carbohydrate Polymers</i> , 2015 , 127, 47-53	10.3	123
63	Assessment of ball milling methodology to develop polylactide-bacterial cellulose nanocrystals nanocomposites. <i>Journal of Applied Polymer Science</i> , 2015 , 132, n/a-n/a	2.9	16
62	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> , 2015 , 132, n/a-n/a	2.9	8
61	Mechanical milling as a technology to produce structural and functional bio-nanocomposites. <i>Green Chemistry</i> , 2015 , 17, 2610-2625	10	108
60	PET/halloysite nanotubes composites for packaging application: Preparation, characterization and analysis of physical properties. <i>European Polymer Journal</i> , 2014 , 61, 145-156	5.2	34
59	Hybrid clay-carbon nanotube/PET composites: Preparation, processing, and analysis of physical properties. <i>Journal of Applied Polymer Science</i> , 2014 , 131, n/a-n/a	2.9	14
58	Progress in barrier packaging materials: bio-based nanocomposites as barrier materials for food packaging applications 2014 , 20-33		1
57	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> , 2014 , 53, 474-485	1.4	4

56	Structure/transport property relationships within nanoclay-filled polyurethane materials using polycaprolactone-based masterbatches. <i>Composites Science and Technology</i> , 2014 , 90, 74-81	8.6	15
55	PLA/Halloysite Nanocomposite Films: Water Vapor Barrier Properties and Specific Key Characteristics. <i>Macromolecular Materials and Engineering</i> , 2014 , 299, 104-115	3.9	103
54	Barrier properties of PLA to water vapour: Effect of temperature and morphology. <i>Macromolecular Research</i> , 2013 , 21, 1110-1117	1.9	18
53	PLA-ZnO nanocomposite films: Water vapor barrier properties and specific end-use characteristics. <i>European Polymer Journal</i> , 2013 , 49, 3471-3482	5.2	176
52	Effect of morphology of the filler on the electrical behaviour of poly(l-lactide) nanocomposites. <i>Journal of Physics and Chemistry of Solids</i> , 2013 , 74, 1-6	3.9	16
51	Photo-oxidative stabilization of carbon nanotubes on polylactic acid. <i>Polymer Degradation and Stability</i> , 2013 , 98, 963-971	4.7	39
50	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> , 2013 , 98, 1006-1014	4.7	166
49	Hybrid clay mineral-carbon nanotube-PLA nanocomposite films. Preparation and photodegradation effect on their mechanical, thermal and electrical properties. <i>Applied Clay Science</i> , 2013 , 71, 49-54	5.2	67
48	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> , 2012 , 72, 383-392	4.6	12
47	Polymerization of ϵ -caprolactone by sodium hydride: From the synthesis of the polymer samples to their thermal, mechanical and barrier properties. <i>Reactive and Functional Polymers</i> , 2012 , 72, 752-756	4.6	11
46	Permeability in Clay/Polyesters Nano-Biocomposites. <i>Green Energy and Technology</i> , 2012 , 237-264	0.6	10
45	Carbon nanotube-filled ethylene/vinylacetate copolymers: from in situ catalyzed polymerization to high-performance electro-conductive nanocomposites. <i>Polymers for Advanced Technologies</i> , 2012 , 23, 1435-1440	3.2	4
44	Pectins filled with LDH-antimicrobial molecules: preparation, characterization and physical properties. <i>Carbohydrate Polymers</i> , 2012 , 89, 132-7	10.3	75
43	Poly(lactide) and carbon nanotubes/smectite-clay nanocomposites: Preparation, characterization, sorptive and electrical properties. <i>Applied Clay Science</i> , 2011 , 53, 188-194	5.2	43
42	Modified layered double hydroxides in polycaprolactone as a tunable delivery system: in vitro release of antimicrobial benzoate derivatives. <i>Applied Clay Science</i> , 2011 , 52, 34-40	5.2	69
41	Postharvest evaluation of soilless-grown table grape during storage in modified atmosphere. <i>Journal of the Science of Food and Agriculture</i> , 2011 , 91, 2153-9	4.3	9
40	Electroconductive Polyamide 6/MWNT Nanocomposites: Effect of Nanotube Surface-Coating by in situ Catalyzed Polymerization. <i>Macromolecular Materials and Engineering</i> , 2011 , 296, 408-413	3.9	16
39	Synthesis and characterization of novel star-like PEOBMA based copolymers. <i>Reactive and Functional Polymers</i> , 2011 , 71, 23-29	4.6	24

38	Structure-property relationships on uniaxially oriented carbon nanotube/polyethylene composites. <i>Polymer</i> , 2011 , 52, 1124-1132	3.9	60
37	Lignin/Poly(ϵ -Caprolactone) Blends with Tuneable Mechanical Properties Prepared by High Energy Ball-Milling. <i>Journal of Polymers and the Environment</i> , 2010 , 18, 326-334	4.5	30
36	Correlations between microstructural characterization and thermal properties of well defined poly(ϵ -caprolactone) samples by ring opening polymerization with neutral and cationic bis(2,4,6-triisopropylphenyl)tin(IV) compounds. <i>Reactive and Functional Polymers</i> , 2010 , 70, 151-158	4.6	11
35	Effect of carbon nanotubes on the photo-oxidative durability of syndiotactic polypropylene. <i>Polymer Degradation and Stability</i> , 2010 , 95, 1614-1626	4.7	40
34	Nano-hybrids incorporation into poly(ϵ -caprolactone) for multifunctional applications: Mechanical and barrier properties. <i>European Polymer Journal</i> , 2010 , 46, 418-427	5.2	70
33	Transport properties of organic vapours in silicone/clay nanocomposites. <i>Polymer</i> , 2009 , 50, 3626-3637	3.9	27
32	Nano clay reinforced PCL/starch blends obtained by high energy ball milling. <i>Carbohydrate Polymers</i> , 2009 , 75, 172-179	10.3	124
31	New polymeric composites based on poly(-caprolactone) and layered double hydroxides containing antimicrobial species. <i>ACS Applied Materials & Interfaces</i> , 2009 , 1, 668-77	9.5	120
30	Effect of filler content and size on transport properties of water vapor in PLA/calcium sulfate composites. <i>Biomacromolecules</i> , 2008 , 9, 984-90	6.9	49
29	Polymer blends of steam-explosion lignin and poly(ϵ -caprolactone) by high-energy ball milling. <i>Journal of Applied Polymer Science</i> , 2008 , 109, 309-313	2.9	31
28	Encapsulation and exfoliation of inorganic lamellar fillers into polycaprolactone by electrospinning. <i>Biomacromolecules</i> , 2007 , 8, 3147-52	6.9	37
27	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> , 2007 , 37, 66-71	3	24
26	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> , 2007 , 45, 597-606	2.6	117
25	Carbon nanotube induced structural and physical property transitions of syndiotactic polypropylene. <i>Nanotechnology</i> , 2007 , 18, 275703	3.4	39
24	Potential perspectives of bio-nanocomposites for food packaging applications. <i>Trends in Food Science and Technology</i> , 2007 , 18, 84-95	15.3	777
23	Biodegradable nanocomposites obtained by ball milling of pectin and montmorillonites. <i>Carbohydrate Polymers</i> , 2006 , 64, 516-523	10.3	125
22	Preparation and Physical Properties of Carbon Nanotubes/PVA Nanocomposites. <i>Journal of Macromolecular Science - Physics</i> , 2005 , 44, 779-795	1.4	14
21	Phase Behavior of Blends of Poly(ϵ -Caprolactone) and a Modified Montmorillonite-Poly(ϵ -Caprolactone) Nanocomposite. <i>Journal of Macromolecular Science - Physics</i> , 2005 , 44, 79-92	1.4	9

20	Incorporation of MgAl hydrotalcite into a biodegradable Poly(ϵ -caprolactone) by high energy ball milling. <i>Polymer</i> , 2005 , 46, 1601-1608	3.9	102
19	Synthesis and physical properties of layered silicates/polyurethane nanocomposites. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2005 , 43, 2454-2467	2.6	71
18	Phase behavior of modified montmorillonite/poly(ϵ -caprolactone) nanocomposites. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2004 , 42, 1321-1332	2.6	28
17	Physical properties of poly(ϵ -caprolactone) layered silicate nanocomposites prepared by controlled grafting polymerization. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2004 , 42, 1466-1475	2.6	63
16	Interfacial effects in organophilic montmorillonite/poly(ϵ -caprolactone) nanocomposites. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2004 , 42, 3907-3919	2.6	12
15	Polymorphism and Thermal Behaviour of Syndiotactic Poly(propylene)/Carbon Nanotube Composites. <i>Macromolecular Rapid Communications</i> , 2004 , 25, 1963-1967	4.8	49
14	Transport Properties of Water Vapor in Polylactide/Montmorillonite Nanocomposites. <i>Journal of Macromolecular Science - Physics</i> , 2004 , 43, 565-575	1.4	26
13	Structural Changes During Annealing of Melt-Quenched Syndiotactic Polypropylene in the Trans-Planar Mesophase. <i>Journal of Macromolecular Science - Physics</i> , 2004 , 43, 989-1004	1.4	1
12	Recognition of the syndiotactic polypropylene polymorphs via dynamic-mechanical analysis. <i>Macromolecular Symposia</i> , 2003 , 203, 285-294	0.8	2
11	Miscibility in crystalline polymer blends: Isotactic polypropylene and linear low-density polyethylene. <i>Journal of Applied Polymer Science</i> , 2003 , 90, 3338-3346	2.9	10
10	Transport properties of organic vapors in nanocomposites of isotactic polypropylene. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2003 , 41, 1798-1805	2.6	30
9	Vapor barrier properties of polycaprolactone montmorillonite nanocomposites: effect of clay dispersion. <i>Polymer</i> , 2003 , 44, 2271-2279	3.9	290
8	Transport properties of organic vapors in nanocomposites of organophilic layered silicate and syndiotactic polypropylene. <i>Polymer</i> , 2003 , 44, 3679-3685	3.9	79
7	Influence of molecular weight on the structure and ageing behavior of quenched syndiotactic poly(propylene). <i>Macromolecular Chemistry and Physics</i> , 2002 , 203, 1420-1426	2.6	1
6	Recycling polyethylene from automotive fuel tanks. <i>Journal of Applied Polymer Science</i> , 2002 , 86, 347-351.	3.9	6
5	Transport and mechanical properties of blends of poly(ϵ -caprolactone) and a modified montmorillonite- poly(ϵ -caprolactone) nanocomposite. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2002 , 40, 1118-1124	2.6	88
4	Structural characterization and transport properties of organically modified montmorillonite/polyurethane nanocomposites. <i>Polymer</i> , 2002 , 43, 6147-6157	3.9	169
3	Structural changes during annealing of the crystalline helical form of syndiotactic polypropylene. <i>Journal of Macromolecular Science - Physics</i> , 2002 , 41, 289-305	1.4	5

2	Structural organization and transport properties of iPP/LLDPE blends solidified at controlled cooling rates. <i>Journal of Applied Polymer Science</i> , 2001 , 82, 2237-2244	2.9	5
1	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