

Elena Fortunati

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.

134
papers

9,760
citations

52
h-index

97
g-index

136
ext. papers

10,999
ext. citations

6
avg, IF

6.33
L-index

#	Paper	IF	Citations
134	Organic antimicrobial nanomaterials and reducing copper use in sustainable plant protection 2022 , 179-209		
133	Exploring cellulose nanocrystals obtained from olive tree wastes as sustainable crop protection tool against bacterial diseases.. <i>Scientific Reports</i> , 2022 , 12, 6149	4.9	3
132	Natural Fibre Based Biopolymer Formulations with Potential Applications in Biomedical and Packaging Sector. <i>Mini-Reviews in Organic Chemistry</i> , 2021 , 18, 450-464	1.7	
131	Controlled Release of Thymol from Poly(Lactic Acid)-Based Silver Nanocomposite Films with Antibacterial and Antioxidant Activity. <i>Antioxidants</i> , 2020 , 9,	7.1	20
130	Effect of mercapto-silanes on the functional properties of highly amorphous vinyl alcohol composites with reduced graphene oxide and cellulose nanocrystals. <i>Composites Science and Technology</i> , 2020 , 200, 108458	8.6	9
129	Controlled Release, Disintegration, Antioxidant, and Antimicrobial Properties of Poly (Lactic Acid)/Thymol/Nanoclay Composites. <i>Polymers</i> , 2020 , 12,	4.5	13
128	Lignocellulosic materials as novel carriers, also at nanoscale, of organic active principles for agri-food applications 2019 , 161-178		1
127	Lignocellulosic materials as reinforcements in sustainable packaging systems 2019 , 87-102		5
126	Novel Nanoscaled Materials from Lignocellulosic Sources: Potential Applications in the Agricultural Sector 2019 , 2657-2679		3
125	Combined effect of cellulose nanocrystals, carvacrol and oligomeric lactic acid in PLA_PHB polymeric films. <i>Carbohydrate Polymers</i> , 2019 , 223, 115131	10.3	21
124	Sustainable control strategies for plant protection and food packaging sectors by natural substances and novel nanotechnological approaches. <i>Journal of the Science of Food and Agriculture</i> , 2019 , 99, 986-1000	4.3	37
123	Effect of gallic acid and umbelliferone on thermal, mechanical, antioxidant and antimicrobial properties of poly (vinyl alcohol-co-ethylene) films. <i>Polymer Degradation and Stability</i> , 2018 , 152, 162-176	4.7	21
122	Valorization of Acid Isolated High Yield Lignin Nanoparticles as Innovative Antioxidant/Antimicrobial Organic Materials. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 3502-3514	8.3	125
121	Nanostructured starch combined with hydroxytyrosol in poly(vinyl alcohol) based ternary films as active packaging system. <i>Carbohydrate Polymers</i> , 2018 , 193, 239-248	10.3	46
120	Metal Nanoparticles Embedded in Cellulose Nanocrystal Based Films: Material Properties and Post-use Analysis. <i>Biomacromolecules</i> , 2018 , 19, 2618-2628	6.9	44
119	Polyvinyl alcohol/chitosan hydrogels with enhanced antioxidant and antibacterial properties induced by lignin nanoparticles. <i>Carbohydrate Polymers</i> , 2018 , 181, 275-284	10.3	156
118	Biopolymeric Based Formulations for Industrial and Biomedical Applications. <i>Current Organic Chemistry</i> , 2018 , 22, 1139-1140	1.7	

117	Bio-Based Nanocomposites in Food Packaging 2018 , 71-110		10
116	Life Cycle Analysis of Extruded Films Based on Poly(lactic acid)/Cellulose Nanocrystal/Limonene: A Comparative Study with ATBC Plasticized PLA/OMMT Systems. <i>Journal of Polymers and the Environment</i> , 2018 , 26, 1891-1902	4.5	7
115	Functional Properties of Plasticized Bio-Based Poly(Lactic Acid)_Poly(Hydroxybutyrate) (PLA_PHB) Films for Active Food Packaging. <i>Food and Bioprocess Technology</i> , 2017 , 10, 770-780	5.1	52
114	Reinforcement effect of cellulose nanocrystals in thermoplastic polyurethane matrices characterized by different soft/hard segment ratio. <i>Polymer Engineering and Science</i> , 2017 , 57, 521-530	2.3	13
113	Processing and characterization of nanocomposite based on poly(butylene/triethylene succinate) copolymers and cellulose nanocrystals. <i>Carbohydrate Polymers</i> , 2017 , 165, 51-60	10.3	25
112	PLA Nanocomposites Reinforced with Cellulose Nanocrystals from <i>Posidonia oceanica</i> and ZnO Nanoparticles for Packaging Application. <i>Journal of Renewable Materials</i> , 2017 , 5, 103-115	2.4	22
111	Nanomaterials in Plant Protection 2017 , 113-134		10
110	Cellulose nanocrystals as templates for cetyltrimethylammonium bromide mediated synthesis of Ag nanoparticles and their novel use in PLA films. <i>Carbohydrate Polymers</i> , 2017 , 157, 1557-1567	10.3	33
109	Effect of Cellulose Nanocrystals on Fire, Thermal and Mechanical Behavior of N,NVDiallyl-phenylphosphoricdiamide Modified Poly(lactic acid). <i>Journal of Renewable Materials</i> , 2017 , 5, 423-434	2.4	5
108	Hydroxytyrosol as Active Ingredient in Poly(vinyl alcohol) Films for Food Packaging Applications. <i>Journal of Renewable Materials</i> , 2017 , 5, 81-95	2.4	14
107	PLA nanocomposites from <i>Posidonia oceanica</i> waste 2017 , 347-363		
106	Recent Advances in Conductive Composites Based on Biodegradable Polymers for Regenerative Medicine Applications 2017 , 519-542		
105	Poly(lactic) acid (PLA) and starch bilayer films, containing cinnamaldehyde, obtained by compression moulding. <i>European Polymer Journal</i> , 2017 , 95, 56-70	5.2	73
104	Design of a nanocomposite substrate inducing adult stem cell assembly and progression toward an Epiblast-like or Primitive Endoderm-like phenotype via mechanotransduction. <i>Biomaterials</i> , 2017 , 144, 211-229	15.6	18
103	Cellulose nanocrystals from <i>Actinidia deliciosa</i> pruning residues combined with carvacrol in PVA_CH films with antioxidant/antimicrobial properties for packaging applications. <i>International Journal of Biological Macromolecules</i> , 2017 , 104, 43-55	7.9	59
102	PCM for improving polyurethane-based cool roof membranes durability. <i>Solar Energy Materials and Solar Cells</i> , 2017 , 160, 34-42	6.4	38
101	Simple citric acid-catalyzed surface esterification of cellulose nanocrystals. <i>Carbohydrate Polymers</i> , 2017 , 157, 1358-1364	10.3	63
100	Effect of reactive functionalization on properties and degradability of poly(lactic acid)/poly(vinyl acetate) nanocomposites with cellulose nanocrystals. <i>Reactive and Functional Polymers</i> , 2017 , 110, 1-9	4.6	32

99	Novel Nanoscaled Materials from Lignocellulosic Sources: Potential Applications in the Agricultural Sector 2017 , 1-24		1
98	Processing Conditions, Thermal and Mechanical Responses of Stretchable Poly (Lactic Acid)/Poly (Butylene Succinate) Films. <i>Materials</i> , 2017 , 10,	3.5	35
97	Effect of Cellulose Nanocrystals and Bacterial Cellulose on Disintegrability in Composting Conditions of Plasticized PHB Nanocomposites. <i>Polymers</i> , 2017 , 9,	4.5	26
96	Multifunctional antimicrobial nanocomposites for food packaging applications 2017 , 265-303		7
95	Effective Postharvest Preservation of Kiwifruit and Romaine Lettuce with a Chitosan Hydrochloride Coating. <i>Coatings</i> , 2017 , 7, 196	2.9	21
94	Revalorization of barley straw and husk as precursors for cellulose nanocrystals extraction and their effect on PVA_CH nanocomposites. <i>Industrial Crops and Products</i> , 2016 , 92, 201-217	5.9	64
93	Effect of poly(dl-lactide-co-glycolide) nanoparticles or cellulose nanocrystals-based formulations on <i>Pseudomonas syringae</i> pv. tomato (Pst) and tomato plant development. <i>Journal of Plant Diseases and Protection</i> , 2016 , 123, 301-310	1.5	22
92	Revalorization of sunflower stalks as novel sources of cellulose nanofibrils and nanocrystals and their effect on wheat gluten bionanocomposite properties. <i>Carbohydrate Polymers</i> , 2016 , 149, 357-68	10.3	73
91	Development and characterization of bionanocomposites based on poly(3-hydroxybutyrate) and cellulose nanocrystals for packaging applications. <i>Polymer International</i> , 2016 , 65, 1046-1053	3.3	38
90	PLLA-grafted cellulose nanocrystals: Role of the CNC content and grafting on the PLA bionanocomposite film properties. <i>Carbohydrate Polymers</i> , 2016 , 142, 105-13	10.3	128
89	Production and characterization of PLA_PBS biodegradable blends reinforced with cellulose nanocrystals extracted from hemp fibres. <i>Industrial Crops and Products</i> , 2016 , 93, 276-289	5.9	146
88	Characterization and enzymatic degradation study of poly(ϵ -caprolactone)-based biocomposites from almond agricultural by-products. <i>Polymer Degradation and Stability</i> , 2016 , 132, 181-190	4.7	22
87	Synergistic Effect of Halloysite and Cellulose Nanocrystals on the Functional Properties of PVA Based Nanocomposites. <i>ACS Sustainable Chemistry and Engineering</i> , 2016 , 4, 794-800	8.3	81
86	Influence of Processing Conditions on Morphological, Thermal and Degradative Behavior of Nanocomposites Based on Plasticized Poly(3-hydroxybutyrate) and Organo-Modified Clay. <i>Journal of Polymers and the Environment</i> , 2016 , 24, 12-22	4.5	12
85	Multifunctional Films, Blends, and Nanocomposites Based on Chitosan 2016 , 467-477		9
84	Nanocellulose-Based Polymeric Blends for Food Packaging Applications 2016 , 205-252		13
83	Antimicrobial Properties and Cytocompatibility of PLGA/Ag Nanocomposites. <i>Materials</i> , 2016 , 9,	3.5	18
82	Extraction of Lignocellulosic Materials From Waste Products 2016 , 1-38		6

81	Effect of hydroxytyrosol methyl carbonate on the thermal, migration and antioxidant properties of PVA-based films for active food packaging. <i>Polymer International</i> , 2016 , 65, 872-882	3.3	20
80	Preparation and characterization of polybutylene-succinate/poly(ethylene-glycol)/cellulose nanocrystals ternary composites. <i>Journal of Applied Polymer Science</i> , 2016 , 133, n/a-n/a	2.9	24
79	Cellulose nanocrystals in nanocomposite approach: Green and high-performance materials for industrial, biomedical and agricultural applications 2016 ,		2
78	Modulation of Acid Hydrolysis Reaction Time for the Extraction of Cellulose Nanocrystals from <i>Posidonia oceanica</i> Leaves. <i>Journal of Renewable Materials</i> , 2016 , 4, 190-198	2.4	18
77	Cellulose nano-biocomposites from high oleic sunflower oil-derived thermosets. <i>European Polymer Journal</i> , 2016 , 79, 109-120	5.2	8
76	Characterization and disintegrability under composting conditions of PLA-based nanocomposite films with thymol and silver nanoparticles. <i>Polymer Degradation and Stability</i> , 2016 , 132, 2-10	4.7	39
75	Synergic effect of cellulose and lignin nanostructures in PLA based systems for food antibacterial packaging. <i>European Polymer Journal</i> , 2016 , 79, 1-12	5.2	155
74	Lignocellulosic nanostructures as reinforcement in extruded and solvent casted polymeric nanocomposites: an overview. <i>European Polymer Journal</i> , 2016 , 80, 295-316	5.2	69
73	Effect of cellulose and lignin on disintegration, antimicrobial and antioxidant properties of PLA active films. <i>International Journal of Biological Macromolecules</i> , 2016 , 89, 360-8	7.9	106
72	Effect of SWCNT introduction in random copolymers on material properties and fibroblast long term culture stability. <i>Polymer Degradation and Stability</i> , 2016 , 132, 220-230	4.7	7
71	Antioxidant and antibacterial lignin nanoparticles in polyvinyl alcohol/chitosan films for active packaging. <i>Industrial Crops and Products</i> , 2016 , 94, 800-811	5.9	206
70	Effect of processing conditions and lignin content on thermal, mechanical and degradative behavior of lignin nanoparticles/poly(lactic acid) bionanocomposites prepared by melt extrusion and solvent casting. <i>European Polymer Journal</i> , 2015 , 71, 126-139	5.2	106
69	The role of nanocrystalline cellulose on the microstructure of foamed castor-oil polyurethane nanocomposites. <i>Carbohydrate Polymers</i> , 2015 , 134, 110-8	10.3	36
68	Bio-based PLA_PHB plasticized blend films: Processing and structural characterization. <i>LWT - Food Science and Technology</i> , 2015 , 64, 980-988	5.4	72
67	Properties and ageing behaviour of pea starch films as affected by blend with poly(vinyl alcohol). <i>Food Hydrocolloids</i> , 2015 , 48, 84-93	10.6	124
66	Melt free radical grafting of glycidyl methacrylate (GMA) onto fully biodegradable poly(lactic acid) films: effect of cellulose nanocrystals and a masterbatch process. <i>RSC Advances</i> , 2015 , 5, 32350-32357	3.7	60
65	Study of disintegrability in compost and enzymatic degradation of PLA and PLA nanocomposites reinforced with cellulose nanocrystals extracted from <i>Posidonia Oceanica</i> . <i>Polymer Degradation and Stability</i> , 2015 , 121, 105-115	4.7	65
64	Effect of cellulose nanocrystals on the properties of pea starch/poly(vinyl alcohol) blend films. <i>Journal of Materials Science</i> , 2015 , 50, 6979-6992	4.3	49

63	Effect of lignin nanoparticles and masterbatch procedures on the final properties of glycidyl methacrylate- g -poly (lactic acid) films before and after accelerated UV weathering. <i>Industrial Crops and Products</i> , 2015 , 77, 833-844	5.9	66
62	Engineering Biodegradable Polymers to Control Their Degradation and Optimize Their Use as Delivery and Theranostic Systems 2015 , 557-576		
61	Effect of processing techniques on the 3D microstructure of poly (l-lactic acid) scaffolds reinforced with wool keratin from different sources. <i>Journal of Applied Polymer Science</i> , 2015 , 132, n/a-n/a	2.9	11
60	Processing and characterization of plasticized PLA/PHB blends for biodegradable multiphase systems. <i>EXPRESS Polymer Letters</i> , 2015 , 9, 583-596	3.4	133
59	Use of alginate, chitosan and cellulose nanocrystals as emulsion stabilizers in the synthesis of biodegradable polymeric nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2015 , 445, 31-39	9.3	61
58	Processing of PLA nanocomposites with cellulose nanocrystals extracted from <i>Posidonia oceanica</i> waste: Innovative reuse of coastal plant. <i>Industrial Crops and Products</i> , 2015 , 67, 439-447	5.9	143
57	Keratins extracted from Merino wool and Brown Alpaca fibres: thermal, mechanical and biological properties of PLLA based biocomposites. <i>Materials Science and Engineering C</i> , 2015 , 47, 394-406	8.3	38
56	Bionanocomposite films based on plasticized PLA-PHB/cellulose nanocrystal blends. <i>Carbohydrate Polymers</i> , 2015 , 121, 265-75	10.3	233
55	Multifunctional PLA-PHB/cellulose nanocrystal films: processing, structural and thermal properties. <i>Carbohydrate Polymers</i> , 2014 , 107, 16-24	10.3	200
54	Influence of thymol and silver nanoparticles on the degradation of poly(lactic acid) based nanocomposites: Thermal and morphological properties. <i>Polymer Degradation and Stability</i> , 2014 , 108, 158-165	4.7	52
53	Investigation of thermo-mechanical, chemical and degradative properties of PLA-limonene films reinforced with cellulose nanocrystals extracted from <i>Phormium tenax</i> leaves. <i>European Polymer Journal</i> , 2014 , 56, 77-91	5.2	135
52	Preparation of transparent and conductive cellulose nanocrystals/graphene nanoplatelets films. <i>Journal of Materials Science</i> , 2014 , 49, 1009-1013	4.3	28
51	Influence of organically modified clays on the properties and disintegrability in compost of solution cast poly(3-hydroxybutyrate) films. <i>Polymer Degradation and Stability</i> , 2014 , 99, 127-135	4.7	41
50	Effect of silver nanoparticles and cellulose nanocrystals on electrospun poly(lactic) acid mats: morphology, thermal properties and mechanical behavior. <i>Carbohydrate Polymers</i> , 2014 , 103, 22-31	10.3	101
49	Nano-biocomposite films with modified cellulose nanocrystals and synthesized silver nanoparticles. <i>Carbohydrate Polymers</i> , 2014 , 101, 1122-33	10.3	136
48	Okra Fibres as Potential Reinforcement in Biocomposites 2014 , 175-190		4
47	Keratins extracted from Merino wool and Brown Alpaca fibres as potential fillers for PLLA-based biocomposites. <i>Journal of Materials Science</i> , 2014 , 49, 6257-6269	4.3	39
46	Spin coated cellulose nanocrystal/silver nanoparticle films. <i>Carbohydrate Polymers</i> , 2014 , 113, 394-402	10.3	18

45	Cellulose nanocrystals thin films as gate dielectric for flexible organic field-effect transistors. <i>Materials Letters</i> , 2014 , 126, 55-58	3.3	30
44	Thermal and bio-disintegration properties of poly(lactic acid)/natural rubber/organoclay nanocomposites. <i>Applied Clay Science</i> , 2014 , 93-94, 78-84	5.2	20
43	PLA-PHB/cellulose based films: Mechanical, barrier and disintegration properties. <i>Polymer Degradation and Stability</i> , 2014 , 107, 139-149	4.7	204
42	The interaction of bacteria with engineered nanostructured polymeric materials: a review. <i>Scientific World Journal, The</i> , 2014 , 2014, 410423	2.2	108
41	Revalorisation of Posidonia Oceanica as Reinforcement in Polyethylene/Maleic Anhydride Grafted Polyethylene Composites. <i>Journal of Renewable Materials</i> , 2014 , 2, 66-76	2.4	18
40	Nonvolatile memory behavior of nanocrystalline cellulose/graphene oxide composite films. <i>Applied Physics Letters</i> , 2014 , 105, 153111	3.4	31
39	Multifunctional Ternary Polymeric Nanocomposites Based on Cellulosic Nanoreinforcements 2014 , 163-198		1
38	Optimized extraction of cellulose nanocrystals from pristine and carded hemp fibres. <i>Industrial Crops and Products</i> , 2014 , 56, 175-186	5.9	76
37	Physical, structural and antimicrobial properties of poly vinyl alcohol-chitosan biodegradable films. <i>Food Hydrocolloids</i> , 2014 , 35, 463-470	10.6	285
36	PVA bio-nanocomposites: a new take-off using cellulose nanocrystals and PLGA nanoparticles. <i>Carbohydrate Polymers</i> , 2014 , 99, 47-58	10.3	105
35	Effect of Fiber Surface Treatments on Thermo-Mechanical Behavior of Poly(Lactic Acid)/Phormium Tenax Composites. <i>Journal of Polymers and the Environment</i> , 2013 , 21, 881-891	4.5	18
34	Structure, gas-barrier properties and overall migration of poly(lactic acid) films coated with hydrogenated amorphous carbon layers. <i>Carbon</i> , 2013 , 63, 274-282	10.4	40
33	Extraction of Cellulose Nanocrystals from Phormium tenax Fibres. <i>Journal of Polymers and the Environment</i> , 2013 , 21, 319-328	4.5	80
32	Okra (<i>Abelmoschus esculentus</i>) Fibre Based PLA Composites: Mechanical Behaviour and Biodegradation. <i>Journal of Polymers and the Environment</i> , 2013 , 21, 726-737	4.5	36
31	Poly(N-vinylcaprolactam) nanocomposites containing nanocrystalline cellulose: a green approach to thermoresponsive hydrogels. <i>Cellulose</i> , 2013 , 20, 2393-2402	5.5	50
30	Effect of ethylene-co-vinyl acetate-glycidylmethacrylate and cellulose microfibers on the thermal, rheological and biodegradation properties of poly(lactic acid) based systems. <i>Polymer Degradation and Stability</i> , 2013 , 98, 2742-2751	4.7	36
29	Poly(lactic acid)/natural rubber/cellulose nanocrystal bionanocomposites. Part II: properties evaluation. <i>Carbohydrate Polymers</i> , 2013 , 96, 621-7	10.3	82
28	Production of nanocrystalline cellulose from lignocellulosic biomass: technology and applications. <i>Carbohydrate Polymers</i> , 2013 , 94, 154-69	10.3	743

27	Combined effects of Ag nanoparticles and oxygen plasma treatment on PLGA morphological, chemical, and antibacterial properties. <i>Biomacromolecules</i> , 2013 , 14, 626-36	6.9	47
26	Poly(lactic acid)/natural rubber/cellulose nanocrystal bionanocomposites part I. Processing and morphology. <i>Carbohydrate Polymers</i> , 2013 , 96, 611-20	10.3	88
25	Binary PVA bio-nanocomposites containing cellulose nanocrystals extracted from different natural sources: part I. <i>Carbohydrate Polymers</i> , 2013 , 97, 825-36	10.3	143
24	Combined effects of cellulose nanocrystals and silver nanoparticles on the barrier and migration properties of PLA nano-biocomposites. <i>Journal of Food Engineering</i> , 2013 , 118, 117-124	6	163
23	A novel method to prepare conductive nanocrystalline cellulose/graphene oxide composite films. <i>Materials Letters</i> , 2013 , 105, 4-7	3.3	100
22	Multifunctional nanostructured PLA materials for packaging and tissue engineering. <i>Progress in Polymer Science</i> , 2013 , 38, 1720-1747	29.6	421
21	Ternary PVA nanocomposites containing cellulose nanocrystals from different sources and silver particles: part II. <i>Carbohydrate Polymers</i> , 2013 , 97, 837-48	10.3	44
20	Effects of chitosan on the physicochemical and antimicrobial properties of PLA films. <i>Journal of Food Engineering</i> , 2013 , 119, 236-243	6	147
19	Cellulose nanocrystals extracted from okra fibers in PVA nanocomposites. <i>Journal of Applied Polymer Science</i> , 2013 , 128, 3220-3230	2.9	105
18	Biodegradable composite scaffolds: a strategy to modulate stem cell behaviour. <i>Recent Patents on Drug Delivery and Formulation</i> , 2013 , 7, 9-17	1.4	12
17	Integrated PLGA/Ag nanocomposite systems to control the degradation rate and antibacterial properties. <i>Journal of Applied Polymer Science</i> , 2013 , 130, 1185-1193	2.9	28
16	Nanocomposites Based on PLLA and Multi Walled Carbon Nanotubes Support the Myogenic Differentiation of Murine Myoblast Cell Line 2013 , 2013, 1-8		6
15	New multifunctional poly(lactide acid) composites: Mechanical, antibacterial, and degradation properties. <i>Journal of Applied Polymer Science</i> , 2012 , 124, 87-98	2.9	75
14	Effects of modified cellulose nanocrystals on the barrier and migration properties of PLA nano-biocomposites. <i>Carbohydrate Polymers</i> , 2012 , 90, 948-56	10.3	357
13	Microstructure and nonisothermal cold crystallization of PLA composites based on silver nanoparticles and nanocrystalline cellulose. <i>Polymer Degradation and Stability</i> , 2012 , 97, 2027-2036	4.7	171
12	Tuning multi/pluri-potent stem cell fate by electrospun poly(L-lactic acid)-calcium-deficient hydroxyapatite nanocomposite mats. <i>Biomacromolecules</i> , 2012 , 13, 1350-60	6.9	82
11	Biodegradable Composite Scaffolds: A Strategy to Modulate Stem Cell Behaviour. <i>Recent Patents on Drug Delivery and Formulation</i> , 2012 , 7, 9-17	1.4	
10	Biodegradation of Phormium tenax/poly(lactic acid) composites. <i>Journal of Applied Polymer Science</i> , 2012 , 125, E562-E572	2.9	36

9	Multifunctional bionanocomposite films of poly(lactic acid), cellulose nanocrystals and silver nanoparticles. <i>Carbohydrate Polymers</i> , 2012 , 87, 1596-1605	10.3	458
8	PLGA/Ag nanocomposites: in vitro degradation study and silver ion release. <i>Journal of Materials Science: Materials in Medicine</i> , 2011 , 22, 2735-44	4.5	44
7	Production and properties of solvent-cast poly(ϵ -caprolactone) composites with carbon nanostructures. <i>Journal of Applied Polymer Science</i> , 2011 , 119, 3544-3552	2.9	16
6	Novel poly(L-lactide) PLLA/SWNTs nanocomposites for biomedical applications: material characterization and biocompatibility evaluation. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2011 , 22, 541-56	3.5	30
5	Carbon nanotubes and silver nanoparticles for multifunctional conductive biopolymer composites. <i>Carbon</i> , 2011 , 49, 2370-2379	10.4	65
4	Development and thermal behaviour of ternary PLA matrix composites. <i>Polymer Degradation and Stability</i> , 2010 , 95, 2200-2206	4.7	104
3	Biodegradable polymer matrix nanocomposites for tissue engineering: A review. <i>Polymer Degradation and Stability</i> , 2010 , 95, 2126-2146	4.7	719
2	Processing and properties of poly(ϵ -caprolactone)/carbon nanofibre composite mats and films obtained by electrospinning and solvent casting. <i>Journal of Materials Science</i> , 2009 , 44, 4789-4795	4.3	30
1	Antibacterial activity of coumarin as an innovative organic control strategy for <i>Xanthomonas euvesicatoria</i> pv. <i>euvesicatoria</i> . <i>Journal of Plant Diseases and Protection</i> , 1	1.5	1