

Silvia Goyanes

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143
papers

4,104
citations

36
h-index

60
g-index

145
ext. papers

4,726
ext. citations

4.7
avg, IF

5.71
L-index

#	Paper	IF	Citations
143	Edible cassava starch films carrying rosemary antioxidant extracts for potential use as active food packaging. <i>Food Hydrocolloids</i> , 2017 , 63, 488-495	10.6	270
142	Biodegradable and non-retrogradable eco-films based on starch-glycerol with citric acid as crosslinking agent. <i>Carbohydrate Polymers</i> , 2016 , 138, 66-74	10.3	188
141	Physico-Mechanical Properties of Biodegradable Starch Nanocomposites. <i>Macromolecular Materials and Engineering</i> , 2009 , 294, 169-177	3.9	185
140	Biodegradability and plasticizing effect of yerba mate extract on cassava starch edible films. <i>Carbohydrate Polymers</i> , 2016 , 151, 150-159	10.3	182
139	Effect of glycerol on the morphology of nanocomposites made from thermoplastic starch and starch nanocrystals. <i>Carbohydrate Polymers</i> , 2011 , 84, 203-210	10.3	165
138	Carboxylation treatment of multiwalled carbon nanotubes monitored by infrared and ultraviolet spectroscopies and scanning probe microscopy. <i>Diamond and Related Materials</i> , 2007 , 16, 412-417	3.5	154
137	Physical properties of tapioca-starch edible films: Influence of filmmaking and potassium sorbate. <i>Food Research International</i> , 2007 , 40, 257-265	7	147
136	Mechanical properties of tapioca-starch edible films containing sorbates. <i>LWT - Food Science and Technology</i> , 2005 , 38, 631-639	5.4	106
135	Starch/multi-walled carbon nanotubes composites with improved mechanical properties. <i>Carbohydrate Polymers</i> , 2011 , 83, 1226-1231	10.3	105
134	A comparison between the physico-chemical properties of tuber and cereal starches. <i>Food Research International</i> , 2009 , 42, 976-982	7	93
133	Carbon nanotubes as reinforcement of styrene-butadiene rubber. <i>Applied Surface Science</i> , 2007 , 254, 262-265	6.7	80
132	Development and characterization of starch nanoparticles by gamma radiation: potential application as starch matrix filler. <i>Carbohydrate Polymers</i> , 2013 , 97, 90-7	10.3	77
131	Biofilms based on cassava starch containing extract of yerba mate as antioxidant and plasticizer. <i>Starch/Staerke</i> , 2015 , 67, 780-789	2.3	74
130	Physical characterization of cassava starch biofilms with special reference to dynamic mechanical properties at low temperatures. <i>Carbohydrate Polymers</i> , 2006 , 66, 8-15	10.3	73
129	Cure kinetics and shrinkage model for epoxy-amine systems. <i>Polymer</i> , 2005 , 46, 3323-3328	3.9	72
128	Starch-vegetable fibre composites to protect food products. <i>Carbohydrate Polymers</i> , 2009 , 75, 230-235	10.3	70
127	Influence of storage time at room temperature on the physicochemical properties of cassava starch films. <i>Carbohydrate Polymers</i> , 2007 , 70, 265-273	10.3	70

126	Biodegradable starch based nanocomposites with low water vapor permeability and high storage modulus. <i>Carbohydrate Polymers</i> , 2012 , 87, 1989-1993	10.3	68
125	Dynamic mechanical analysis of particulate-filled epoxy resin. <i>Journal of Applied Polymer Science</i> , 2003 , 88, 883-892	2.9	67
124	Carbon nanotubes grown on carbon fiber yarns by a low temperature CVD method: A significant enhancement of the interfacial adhesion between carbon fiber/epoxy matrix hierarchical composites. <i>Composites Communications</i> , 2017 , 3, 33-37	6.7	56
123	Dependence of the network structure of cured styrene butadiene rubber on the sulphur content. <i>Polymer</i> , 2004 , 45, 6037-6044	3.9	55
122	Application of multi-walled carbon nanotubes as substrate for the on-line preconcentration, speciation and determination of vanadium by ETAAS. <i>Journal of Analytical Atomic Spectrometry</i> , 2007 , 22, 1290	3.7	52
121	Biodegradable materials from grafting of modified PLA onto starch nanocrystals. <i>Polymer Degradation and Stability</i> , 2012 , 97, 2021-2026	4.7	51
120	Magnetic properties of multi-walled carbon nanotube/epoxy composites. <i>Polymer</i> , 2005 , 46, 6090-6095	3.9	49
119	Influence of incorporation of starch nanoparticles in PBAT/TPS composite films. <i>Polymer International</i> , 2016 , 65, 938-945	3.3	48
118	Release kinetics of rosemary (<i>Rosmarinus officinalis</i>) polyphenols from polyvinyl alcohol (PVA) electrospun nanofibers in several food simulants. <i>Food Packaging and Shelf Life</i> , 2018 , 18, 42-50	8.2	46
117	Influence of extrusion process conditions on starch film morphology. <i>LWT - Food Science and Technology</i> , 2017 , 84, 520-528	5.4	44
116	Bioactive starch nanocomposite films with antioxidant activity and enhanced mechanical properties obtained by extrusion followed by thermo-compression. <i>Food Hydrocolloids</i> , 2019 , 96, 518-528	10.6	44
115	Cassava starch films containing rosemary nanoparticles produced by solvent displacement method. <i>Food Hydrocolloids</i> , 2017 , 71, 26-34	10.6	43
114	Synthesis of carbon nanotubes by CVD: Effect of acetylene pressure on nanotubes characteristics. <i>Applied Surface Science</i> , 2007 , 254, 251-256	6.7	43
113	Influence of process (extrusion/thermo-compression, casting) and lentil protein content on physicochemical properties of starch films. <i>Carbohydrate Polymers</i> , 2019 , 208, 221-231	10.3	41
112	Exploring Microphase Separation Behavior of Epoxidized Poly(styrene-b-isoprene-b-styrene) Block Copolymer Inside Thin Epoxy Coatings. <i>Macromolecules</i> , 2013 , 46, 2182-2187	5.5	39
111	Accelerator adsorption onto carbon nanotubes surface affects the vulcanization process of styrene-butadiene rubber composites. <i>Journal of Applied Polymer Science</i> , 2009 , 113, 2851-2857	2.9	38
110	Improving the physical properties of starch using a new kind of water dispersible nano-hybrid reinforcement. <i>Carbohydrate Polymers</i> , 2015 , 127, 291-9	10.3	37
109	Size effect of ZnO nanorods on physicochemical properties of plasticized starch composites. <i>Carbohydrate Polymers</i> , 2017 , 157, 1611-1619	10.3	37

108	Yield and internal stresses in aluminum filled epoxy resin. A compression test and positron annihilation analysis. <i>Polymer</i> , 2003 , 44, 3193-3199	3.9	36
107	Garlic powder and wheat bran as fillers: Their effect on the physicochemical properties of edible biocomposites. <i>Materials Science and Engineering C</i> , 2010 , 30, 853-859	8.3	33
106	A simple green route to obtain poly(vinyl alcohol) electrospun mats with improved water stability for use as potential carriers of drugs. <i>Materials Science and Engineering C</i> , 2016 , 69, 726-32	8.3	33
105	Influence of filler alignment in the mechanical and electrical properties of carbon nanotubes/epoxy nanocomposites. <i>Physica B: Condensed Matter</i> , 2012 , 407, 3181-3183	2.8	32
104	Effects of amine molecular structure on carbon nanotubes functionalization. <i>Journal of Nanoscience and Nanotechnology</i> , 2009 , 9, 6222-7	1.3	31
103	Thermal properties in cured natural rubber/styrene butadiene rubber blends. <i>European Polymer Journal</i> , 2008 , 44, 1525-1534	5.2	31
102	Analysis of thermal diffusivity in aluminum (particle)-filled PMMA compounds. <i>Polymer</i> , 2001 , 42, 5267-5274	3.4	29
101	Controlling Nanodomain Morphology of Epoxy Thermosets Modified with Reactive Amine-Containing Epoxidized Poly(styrene-b-isoprene-b-styrene) Block Copolymer. <i>Macromolecules</i> , 2014 , 47, 7416-7423	5.5	28
100	Effect of Filler Properties on the Antioxidant Response of Thermoplastic Starch Composites 2017 , 337-369		27
99	Controlled epoxidation of poly(styrene-b-isoprene-b-styrene) block copolymer for the development of nanostructured epoxy thermosets. <i>Journal of Polymer Science Part A</i> , 2011 , 49, 4505-4513	2.5	27
98	Comparative analysis of electric, magnetic, and mechanical properties of epoxy matrix composites with different contents of multiple walled carbon nanotubes. <i>Polymer Composites</i> , 2007 , 28, 612-617	3	27
97	Direct relationships between volume variations at macro and nanoscale in epoxy systems. PALS/PVT measurements. <i>Polymer</i> , 2004 , 45, 6691-6697	3.9	27
96	Electrospun nanofibrous mats: from vascular repair to osteointegration. <i>Journal of Biomedical Nanotechnology</i> , 2014 , 10, 3508-35	4	26
95	Effect of yerba mate extract on the performance of starch films obtained by extrusion and compression molding as active and smart packaging. <i>Carbohydrate Polymers</i> , 2020 , 244, 116495	10.3	24
94	Block Copolymer Concentration Gradient and Solvent Effects on Nanostructuring of Thin Epoxy Coatings Modified with Epoxidized Styrene-Butadiene-Styrene Block Copolymers. <i>Macromolecules</i> , 2012 , 45, 1483-1491	5.5	24
93	An analysis of the influence of the accelerator/sulfur ratio in the cure reaction and the uniaxial stress-strain behavior of SBR. <i>Journal of Applied Polymer Science</i> , 2004 , 91, 2601-2609	2.9	24
92	Biodegradable Starch Nanocomposites. <i>Advanced Structured Materials</i> , 2015 , 17-77	0.6	23
91	Dynamical properties of epoxy composites filled with quartz powder. <i>Journal of Alloys and Compounds</i> , 2000 , 310, 374-377	5.7	22

90	Disadvantages of Starch-Based Materials, Feasible Alternatives in Order to Overcome These Limitations 2017 , 37-76		20
89	Surfactant-aided dispersion of polystyrene-functionalized carbon nanotubes in a nanostructured poly(styrene-b-isoprene-b-styrene) block copolymer. <i>Polymer</i> , 2011 , 52, 2214-2220	3.9	20
88	On the free volume evolution in a deformed epoxy composite. A positron annihilation study. <i>Polymer</i> , 2005 , 46, 9081-9087	3.9	20
87	Active bilayer films based on cassava starch incorporating ZnO nanorods and PVA electrospun mats containing rosemary extract. <i>Food Hydrocolloids</i> , 2020 , 108, 106054	10.6	19
86	Ultimate properties of rubber and core-shell modified epoxy matrices with different chain flexibilities. <i>Journal of Materials Science</i> , 2001 , 36, 845-852	4.3	19
85	Potato starch-based biocomposites with enhanced thermal, mechanical and barrier properties comprising water-resistant electrospun poly (vinyl alcohol) fibers and yerba mate extract. <i>Carbohydrate Polymers</i> , 2019 , 215, 377-387	10.3	18
84	Stable Solutions of Multiwalled Carbon Nanotubes Using an Azobenzene Dye. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 14347-14352	3.8	17
83	A specific heat anomaly in multiwall carbon nanotubes as a possible sign of orientational order-disorder transition. <i>Carbon</i> , 2010 , 48, 525-530	10.4	17
82	Enhancement of the optical response in a biodegradable polymer/azo-dye film by the addition of carbon nanotubes. <i>Journal Physics D: Applied Physics</i> , 2014 , 47, 135103	3	16
81	Characterization of free volume in particulate-filled epoxy resin by means of dynamic mechanical analysis and positron annihilation lifetime spectroscopy. <i>Polymer International</i> , 2002 , 51, 1277-1284	3.3	16
80	Enhancing arsenic adsorption via excellent dispersion of iron oxide nanoparticles inside poly(vinyl alcohol) nanofibers. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 104664	6.8	16
79	Surface modification of multiwalled carbon nanotubes via esterification using a biodegradable polyol. <i>Journal of Nanoscience and Nanotechnology</i> , 2009 , 9, 6064-71	1.3	15
78	Effect of catalyst preparation on the yield of carbon nanotube growth. <i>Physica B: Condensed Matter</i> , 2009 , 404, 2795-2798	2.8	14
77	Dynamic mechanical behavior of atactic and high-impact polystyrene. <i>Journal of Applied Polymer Science</i> , 2000 , 75, 865-873	2.9	14
76	Development of composite films based on thermoplastic starch and cellulose microfibrils from Colombian agroindustrial wastes. <i>Journal of Thermoplastic Composite Materials</i> , 2014 , 27, 413-426	1.9	13
75	One-step chemical vapor deposition synthesis of magnetic CNT/bercynite (FeAl ₂ O ₄) hybrids with good aqueous colloidal stability. <i>Carbon</i> , 2013 , 61, 515-524	10.4	13
74	Effects of different nucleating particles on aniline polymerization. <i>Synthetic Metals</i> , 2012 , 162, 1052-1058	3.6	12
73	Thermal treatment of the carbon nanotubes and their functionalization with styrene. <i>Physica B: Condensed Matter</i> , 2009 , 404, 2780-2783	2.8	12

72	Moisture-sensitive properties of multi-walled carbon nanotubes/polyvinyl alcohol nanofibers prepared by electrospinning electrostatically modified method. <i>Materials Letters</i> , 2016 , 185, 278-281	3.3	12
71	Asymmetric biphasic hydrophobic/hydrophilic poly(lactic acid)/polyvinyl alcohol meshes with moisture control and noncytotoxic effects for wound dressing applications. <i>Journal of Applied Polymer Science</i> , 2019 , 136, 47369	2.9	11
70	Influence of the electronic distribution of polymers in the spatial conformation of polymer grafted carbon nanotube composites. <i>Physica B: Condensed Matter</i> , 2012 , 407, 3184-3187	2.8	11
69	Purification and functionalization of carbon nanotubes by classical and advanced oxidation processes. <i>Journal of Nanoscience and Nanotechnology</i> , 2009 , 9, 6228-33	1.3	10
68	Dynamical mechanical properties of polymethylmethacrylate after exposure to 60Co gamma radiation. <i>Polymer Testing</i> , 1997 , 16, 7-18	4.5	10
67	Dynamic properties in aluminum filled PMMA. <i>Polymer</i> , 1999 , 40, 1495-1500	3.9	10
66	Reversible swelling as a strategy in the development of smart membranes from electrospun polyvinyl alcohol nanofiber mats. <i>Journal of Polymer Science</i> , 2020 , 58, 737-746	2.4	9
65	Electrospun Mats: From White to Transparent with a Drop. <i>Macromolecular Materials and Engineering</i> , 2018 , 303, 1800237	3.9	9
64	High energy ion beam irradiation on titanium substrate in a pulsed plasma device operating with methane. <i>Journal Physics D: Applied Physics</i> , 2009 , 42, 205207	3	9
63	Intermolecular interactions on amine-cured epoxy matrices with different crosslink densities. Influence on the hole and specific volumes and the mechanical behavior. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2009 , 47, 1240-1252	2.6	9
62	Amplitude-Dependent Dynamical Behavior of Poly(methyl methacrylate). <i>Polymer Journal</i> , 1994 , 26, 1054-1062	2.7	9
61	Data of thermal degradation and dynamic mechanical properties of starch-glycerol based films with citric acid as crosslinking agent. <i>Data in Brief</i> , 2016 , 7, 1331-4	1.2	9
60	High-Energy Dissipation Performance in Epoxy Coatings by the Synergistic Effect of Carbon Nanotube/Block Copolymer Conjugates. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 930-943	9.5	8
59	Improving PLA ductility using only 0.05% of CNTs and 0.25% of an azo-dye. <i>Materials Letters</i> , 2016 , 182, 94-97	3.3	8
58	Nanohole volume dependence on the cure schedule in epoxy thermosetting networks: A PALS study. <i>Polymer</i> , 2006 , 47, 5066-5070	3.9	8
57	Azopolymer film as an actuator for organizing multiwall carbon nanotubes. <i>Optical Materials</i> , 2017 , 66, 247-252	3.3	7
56	Acrylic bone cements: the role of nanotechnology in improving osteointegration and tunable mechanical properties. <i>Journal of Biomedical Nanotechnology</i> , 2014 , 10, 3536-57	4	7
55	Thin films of polymerized acetylene by RF discharge and its benzene absorption ability. <i>Surface and Coatings Technology</i> , 2013 , 216, 185-190	4.4	7

54	The growth of carbon nanotubes on large areas of silicon substrate using commercial iron oxide nanoparticles as a catalyst. <i>Materials Letters</i> , 2010 , 64, 2188-2190	3.3	7
53	Variation in physical and mechanical properties with coating thickness in epoxy/epi-amine/aluminum system. <i>Journal of Applied Polymer Science</i> , 2005 , 98, 891-895	2.9	7
52	Influence of carbon black dispersion on the thermal diffusivity of an SBR vulcanizate. <i>Journal of Applied Polymer Science</i> , 1999 , 72, 1379-1385	2.9	7
51	Thermomechanical behavior of SBR reinforced with nanotubes functionalized with polyvinylpyridine. <i>Physica B: Condensed Matter</i> , 2012 , 407, 3175-3177	2.8	6
50	Carbon nanotubes and nanofibers synthesized by CVD on nickel coatings deposited with a vacuum arc. <i>Journal of Alloys and Compounds</i> , 2010 , 495, 446-449	5.7	6
49	Effects of phonon dimensionality in the specific heat of multiwall carbon nanotubes at low temperatures. <i>Journal of Physics: Conference Series</i> , 2009 , 167, 012008	0.3	6
48	Yield stress of epoxy composites filled with quartz powder. <i>Polymer International</i> , 2002 , 51, 1290-1294	3.3	6
47	Thermal expansion and glass transition of polymethylmethacrylate after exposure to 60Co gamma irradiation. <i>Polymer Testing</i> , 1996 , 15, 179-187	4.5	6
46	Hierarchical selective membranes combining carbonaceous nanoparticles and commercial permeable substrates for oil/water separation. <i>Separation and Purification Technology</i> , 2020 , 234, 116053	8.3	6
45	Biohybrid membranes for effective bacterial vehiculation and simultaneous removal of hexavalent chromium (CrVI) and phenol. <i>Applied Microbiology and Biotechnology</i> , 2021 , 105, 827-838	5.7	6
44	Functional surfaces through the creation of adhesion and charged patterns on azopolymer surface relief gratings. <i>Optical Materials</i> , 2019 , 90, 281-288	3.3	5
43	Holographic gratings recorded in poly(lactic acid)/azo-dye films. <i>Optical Materials</i> , 2015 , 47, 72-77	3.3	5
42	Influence of pyrolytic seeds on ZnO nanorod growth onto rigid substrates for photocatalytic abatement of Escherichia coli in water. <i>Water Science and Technology: Water Supply</i> , 2014 , 14, 1087-1094	1.4	5
41	Magnetic binary nanofillers. <i>Physica B: Condensed Matter</i> , 2012 , 407, 3203-3205	2.8	5
40	Filler Content Influence on the Positron Annihilation Response in an Epoxy Resin Composite. <i>Materials Science Forum</i> , 2001 , 363-365, 349-351	0.4	5
39	Development of a dilatometer based on diffractometry. <i>Review of Scientific Instruments</i> , 2002 , 73, 3271-3274	3.7	5
38	Characterization of irradiated polymethyl methacrylate by means of mechanical properties and positron annihilation lifetime spectroscopy. <i>Physical Review B</i> , 1999 , 60, 3792-3798	3.3	5
37	Improvement of Andean Blueberries Postharvest Preservation Using Carvacrol/Alginate-Edible Coatings. <i>Polymers</i> , 2020 , 12,	4.5	5

36	Characterization of Starches Isolated from Colombian Native Potatoes and Their Application as Novel Edible Coatings for Wild Andean Blueberries (Swartz). <i>Polymers</i> , 2019 , 11,	4-5	5
35	Superhydrophobic plasma polymerized nanosponge with high oil sorption capacity. <i>Plasma Processes and Polymers</i> , 2019 , 16, 1800158	3-4	5
34	Effect of O ₂ ⁺ , H ₂ ⁺⁺ O ₂ ⁺ , and N ₂ ⁺⁺ O ₂ ⁺ ion-beam irradiation on the field emission properties of carbon nanotubes. <i>Journal of Applied Physics</i> , 2011 , 109, 114317	2-5	4
33	Volume changes at macro- and nano-scale in epoxy resins studied by PALS and PVT experimental techniques. <i>Radiation Physics and Chemistry</i> , 2007 , 76, 118-122	2-5	4
32	A high frequency resonant method for the determination of the dynamic mechanical properties of solid polymers. <i>Polymer</i> , 1992 , 33, 2709-2714	3-9	4
31	Miscibility, Phase Separation, and Mechanism of Phase Separation of Epoxy/Block-Copolymer Blends 2017 , 841-881		4
30	Mechanical Behavior of Starch/Carbon Nanotubes Composites 2015 , 141-171		3
29	Improving bone cement toughness and contrast agent confinement by using acrylic branched polymers. <i>Materials Science and Engineering C</i> , 2016 , 59, 901-908	8-3	3
28	Synthesis and Characterization of ZnO Nanorod Films on PET for Photocatalytic Disinfection of Water. <i>Journal of Advanced Oxidation Technologies</i> , 2015 , 18,		3
27	Miscibility, Phase Separation, and Mechanism of Phase Separation of Epoxy/Block-Copolymer Blends 2015 , 1-41		3
26	Using Photosensitive Dye To Improve Multi Walled Carbon Nanotubes Dispersion. <i>Journal of Physics: Conference Series</i> , 2011 , 274, 012117	0-3	3
25	Correlation between nanohole volume and mechanical properties of amine-cured epoxy resin blended with poly(ethylene oxide). <i>Polymers for Advanced Technologies</i> , 2009 , 20, 35-38	3-2	3
24	Influence of tungsten on the carbon nanotubes growth by CVD process. <i>Journal of Alloys and Compounds</i> , 2009 , 479, 440-444	5-7	3
23	PALS study of epoxy matrices: self-assembly of block copolymers and its capability for nanostructuring thermosetting systems. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2007 , 4, 3690-3699		3
22	Ecofriendly E-Nose Based in PLA and Only 0.3 wt% of CNTs. <i>Journal of Renewable Materials</i> , 2019 , 7, 355-363	2-4	3
21	Optical recording of stable holographic grating in a low . <i>Optical Materials</i> , 2015 , 49, 141-146	3-3	2
20	Absorption of Siderite Within a Chemically Modified Poly(lactic acid) Based Composite Material for Agricultural Applications. <i>Journal of Polymers and the Environment</i> , 2018 , 26, 2173-2181	4-5	2
19	Increase of SRG modulation depth in azopolymers-nanoparticles hybrid materials. <i>Optical Materials</i> , 2021 , 115, 111015	3-3	2

18	Wetting a superomniphobic porous system. <i>Soft Matter</i> , 2019 , 15, 8621-8626	3.6	2
17	Influence of Different Commercial Modified Cassava Starches on the Physicochemical Properties of Thermoplastic Edible Films Obtained by Flat-Die Extrusion. <i>Starch/Staerke</i> , 2021 , 73, 2000167	2.3	2
16	Effect of Surface Morphology of Catalysts Nickel Coatings Obtained by Cathodic Arc in the Synthesis of Carbon Nanostructures 2015 , 8, 770-777		1
15	Photobleaching effect in azo-dye containing epoxy resin films: the potentiality of carbon nanotubes as azo-dye dispensers. <i>Journal of Physics: Conference Series</i> , 2015 , 605, 012024	0.3	1
14	Fabrication of Electrospun and Electrospayed Carriers for the Delivery of Bioactive Food Ingredients 2019 , 733-739		1
13	Mulch Plastic Systems: Recent Advances and Applications 2019 , 265-290		1
12	On the Microstructural Information of the Short-Lived Positron Lifetime Component in Polymer Metallic Composites. <i>Physica Status Solidi A</i> , 2001 , 186, R16-R18		1
11	A Highly Efficient Nanostructured Sorbent of Sulfuric Acid from Ecofriendly Electrospun Poly(vinyl alcohol) Mats. <i>Industrial & Engineering Chemistry Research</i> , 2022 , 61, 2091-2099	3.9	1
10	Biodegradable plastics in aquatic ecosystems: latest findings, research gaps, and recommendations. <i>Environmental Research Letters</i> ,	6.2	1
9	Effect of the Incorporation of Rich-Amylopectin Starch Nano/Micro Particles on the Physicochemical Properties of Starch-Based Nanocomposites Developed by Flat-Die Extrusion. <i>Starch/Staerke</i> , 2100080	2.3	1
8	Poly(vinylidene fluoride) electrospun nonwovens morphology: Prediction and optimization of the size and number of beads on fibers through response surface methodology and machine learning regressions. <i>Journal of Industrial Textiles</i> , 152808372211062	1.6	1
7	Development of Insoluble PVA Electrospun Nanofibers Incorporating R-Limonene or Cyclodextrin/R-Limonene Inclusion Complexes. <i>Journal of Polymers and the Environment</i> , 1	4.5	0
6	Breaking W/O emulsion with electrospun hierarchically porous PLA fibers. <i>Emergent Materials</i> , 1	3.5	0
5	About the measurement of dynamic mechanical properties of bi-layer systems. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2004 , 370, 431-434	5.3	
4	Containers for Encapsulation of Aroma/Flavour for Food Applications. <i>Composites Science and Technology</i> , 2022 , 359-392		
3	Polymeric Prosthetic Systems for Site-Specific Drug Administration: Physical and Chemical Properties 369-412		
2	Cellulose -Containing Scaffolds Fabricated by Electrospinning: Applications in Tissue Engineering and Drug Delivery 361-388		
1	Processing and Properties of Starch-Based Thermoplastic Matrix for Green Composites. <i>Materials Horizons</i> , 2021 , 63-133	0.6	

