

Silvia Goyanes

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.

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	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
142	Containers for Encapsulation of Aroma/Flavour for Food Applications. <i>Composites Science and Technology</i> , 2022 , 359-392		
141	Increase of SRG modulation depth in azopolymers-nanoparticles hybrid materials. <i>Optical Materials</i> , 2021 , 115, 111015	3.3	2
140	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
139	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
138	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
137	Processing and Properties of Starch-Based Thermoplastic Matrix for Green Composites. <i>Materials Horizons</i> , 2021 , 63-133	0.6	
136	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
135	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
134	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
133	Improvement of Andean Blueberries Postharvest Preservation Using Carvacrol/Alginate-Edible Coatings. <i>Polymers</i> , 2020 , 12,	4.5	5
132	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
131	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
130	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
129	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
128	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
127	Fabrication of Electrospun and Electrospayed Carriers for the Delivery of Bioactive Food Ingredients 2019 , 733-739		1

126	Mulch Plastic Systems: Recent Advances and Applications 2019 , 265-290		1
125	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
124	Wetting a superomniphobic porous system. <i>Soft Matter</i> , 2019 , 15, 8621-8626	3.6	2
123	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
122	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
121	Superhydrophobic plasma polymerized nanosponge with high oil sorption capacity. <i>Plasma Processes and Polymers</i> , 2019 , 16, 1800158	3.4	5
120	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
119	Electrospun Mats: From White to Transparent with a Drop. <i>Macromolecular Materials and Engineering</i> , 2018 , 303, 1800237	3.9	9
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	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
116	Azopolymer film as an actuator for organizing multiwall carbon nanotubes. <i>Optical Materials</i> , 2017 , 66, 247-252	3.3	7
115	Cassava starch films containing rosemary nanoparticles produced by solvent displacement method. <i>Food Hydrocolloids</i> , 2017 , 71, 26-34	10.6	43
114	Influence of extrusion process conditions on starch film morphology. <i>LWT - Food Science and Technology</i> , 2017 , 84, 520-528	5.4	44
113	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
112	Effect of Filler Properties on the Antioxidant Response of Thermoplastic Starch Composites 2017 , 337-369		27
111	Size effect of ZnO nanorods on physicochemical properties of plasticized starch composites. <i>Carbohydrate Polymers</i> , 2017 , 157, 1611-1619	10.3	37
110	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
109	Disadvantages of Starch-Based Materials, Feasible Alternatives in Order to Overcome These Limitations 2017 , 37-76		20

108	Miscibility, Phase Separation, and Mechanism of Phase Separation of Epoxy/Block-Copolymer Blends 2017 , 841-881		4
107	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
106	Influence of incorporation of starch nanoparticles in PBAT/TPS composite films. <i>Polymer International</i> , 2016 , 65, 938-945	3.3	48
105	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
104	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
103	Biodegradability and plasticizing effect of yerba mate extract on cassava starch edible films. <i>Carbohydrate Polymers</i> , 2016 , 151, 150-159	10.3	182
102	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
101	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
100	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
99	Effect of Surface Morphology of Catalysts Nickel Coatings Obtained by Cathodic Arc in the Synthesis of Carbon Nanostructures 2015 , 8, 770-777		1
98	Holographic gratings recorded in poly(lactic acid)/azo-dye films. <i>Optical Materials</i> , 2015 , 47, 72-77	3.3	5
97	Biodegradable Starch Nanocomposites. <i>Advanced Structured Materials</i> , 2015 , 17-77	0.6	23
96	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
95	Mechanical Behavior of Starch/Carbon Nanotubes Composites 2015 , 141-171		3
94	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
93	Optical recording of stable holographic grating in a low . <i>Optical Materials</i> , 2015 , 49, 141-146	3.3	2
92	Synthesis and Characterization of ZnO Nanorod Films on PET for Photocatalytic Disinfection of Water. <i>Journal of Advanced Oxidation Technologies</i> , 2015 , 18,		3
91	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

90	Miscibility, Phase Separation, and Mechanism of Phase Separation of Epoxy/Block-Copolymer Blends 2015 , 1-41		3
89	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
88	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
87	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
86	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
85	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}	1.4	5
84	Electrospun nanofibrous mats: from vascular repair to osteointegration. <i>Journal of Biomedical Nanotechnology</i> , 2014 , 10, 3508-35	4	26
83	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
82	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
81	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
80	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
79	Thermomechanical behavior of SBR reinforced with nanotubes functionalized with polyvinylpyridine. <i>Physica B: Condensed Matter</i> , 2012 , 407, 3175-3177	2.8	6
78	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
77	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
76	Magnetic binary nanofillers. <i>Physica B: Condensed Matter</i> , 2012 , 407, 3203-3205	2.8	5
75	Effects of different nucleating particles on aniline polymerization. <i>Synthetic Metals</i> , 2012 , 162, 1052-1053 ⁶	3.6	12
74	Biodegradable materials from grafting of modified PLA onto starch nanocrystals. <i>Polymer Degradation and Stability</i> , 2012 , 97, 2021-2026	4.7	51
73	Block Copolymer Concentration Gradient and Solvent Effects on Nanostructuring of Thin Epoxy Coatings Modified with Epoxidized StyreneButadieneStyrene Block Copolymers. <i>Macromolecules</i> , 2012 , 45, 1483-1491	5.5	24

72	Biodegradable starch based nanocomposites with low water vapor permeability and high storage modulus. <i>Carbohydrate Polymers</i> , 2012 , 87, 1989-1993	10.3	68
71	Using Photosensitive Dye To Improve Multi Walled Carbon Nanotubes Dispersion. <i>Journal of Physics: Conference Series</i> , 2011 , 274, 012117	0.3	3
70	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
69	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
68	Starch/multi-walled carbon nanotubes composites with improved mechanical properties. <i>Carbohydrate Polymers</i> , 2011 , 83, 1226-1231	10.3	105
67	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
66	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
65	Stable Solutions of Multiwalled Carbon Nanotubes Using an Azobenzene Dye. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 14347-14352	3.8	17
64	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
63	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
62	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
61	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
60	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
59	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
58	Physico-Mechanical Properties of Biodegradable Starch Nanocomposites. <i>Macromolecular Materials and Engineering</i> , 2009 , 294, 169-177	3.9	185
57	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
56	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
55	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

54	Effect of catalyst preparation on the yield of carbon nanotube growth. <i>Physica B: Condensed Matter</i> , 2009 , 404, 2795-2798	2.8	14
53	Starch-vegetable fibre composites to protect food products. <i>Carbohydrate Polymers</i> , 2009 , 75, 230-235	10.3	70
52	Thermal treatment of the carbon nanotubes and their functionalization with styrene. <i>Physica B: Condensed Matter</i> , 2009 , 404, 2780-2783	2.8	12
51	A comparison between the physico-chemical properties of tuber and cereal starches. <i>Food Research International</i> , 2009 , 42, 976-982	7	93
50	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
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	Effects of amine molecular structure on carbon nanotubes functionalization. <i>Journal of Nanoscience and Nanotechnology</i> , 2009 , 9, 6222-7	1.3	31
47	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
46	Thermal properties in cured natural rubber/styrene butadiene rubber blends. <i>European Polymer Journal</i> , 2008 , 44, 1525-1534	5.2	31
45	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
44	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
43	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
42	Carbon nanotubes as reinforcement of styrene-butadiene rubber. <i>Applied Surface Science</i> , 2007 , 254, 262-265	6.7	80
41	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
40	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
39	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
38	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
37	Physical properties of tapioca-starch edible films: Influence of filmmaking and potassium sorbate. <i>Food Research International</i> , 2007 , 40, 257-265	7	147

36	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
35	Nanohole volume dependence on the cure schedule in epoxy thermosetting networks: A PALS study. <i>Polymer</i> , 2006 , 47, 5066-5070	3.9	8
34	Mechanical properties of tapioca-starch edible films containing sorbates. <i>LWT - Food Science and Technology</i> , 2005 , 38, 631-639	5.4	106
33	Cure kinetics and shrinkage model for epoxy-amine systems. <i>Polymer</i> , 2005 , 46, 3323-3328	3.9	72
32	Variation in physical and mechanical properties with coating thickness in epoxy-diamine-aluminum system. <i>Journal of Applied Polymer Science</i> , 2005 , 98, 891-895	2.9	7
31	Magnetic properties of multi-walled carbon nanotube-epoxy composites. <i>Polymer</i> , 2005 , 46, 6090-6095	3.9	49
30	On the free volume evolution in a deformed epoxy composite. A positron annihilation study. <i>Polymer</i> , 2005 , 46, 9081-9087	3.9	20
29	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
28	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	
27	Dependence of the network structure of cured styrene butadiene rubber on the sulphur content. <i>Polymer</i> , 2004 , 45, 6037-6044	3.9	55
26	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
25	Dynamic mechanical analysis of particulate-filled epoxy resin. <i>Journal of Applied Polymer Science</i> , 2003 , 88, 883-892	2.9	67
24	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
23	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
22	Yield stress of epoxy composites filled with quartz powder. <i>Polymer International</i> , 2002 , 51, 1290-1294	3.3	6
21	Development of a dilatometer based on diffractometry. <i>Review of Scientific Instruments</i> , 2002 , 73, 3271-3274		5
20	Analysis of thermal diffusivity in aluminum (particle)-filled PMMA compounds. <i>Polymer</i> , 2001 , 42, 5267-5274	3.4	29
19	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

18	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
17	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
16	Dynamic mechanical behavior of atactic and high-impact polystyrene. <i>Journal of Applied Polymer Science</i> , 2000 , 75, 865-873	2.9	14
15	Dynamical properties of epoxy composites filled with quartz powder. <i>Journal of Alloys and Compounds</i> , 2000 , 310, 374-377	5.7	22
14	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
13	Dynamic properties in aluminum filled PMMA. <i>Polymer</i> , 1999 , 40, 1495-1500	3.9	10
12	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
11	Dynamical mechanical properties of polymethylmethacrylate after exposure to 60Co gamma radiation. <i>Polymer Testing</i> , 1997 , 16, 7-18	4.5	10
10	Thermal expansion and glass transition of polymethylmethacrylate after exposure to 60Co gamma irradiation. <i>Polymer Testing</i> , 1996 , 15, 179-187	4.5	6
9	Amplitude-Dependent Dynamical Behavior of Poly(methyl methacrylate). <i>Polymer Journal</i> , 1994 , 26, 1054-1062	2.7	9
8	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
7	Development of Insoluble PVA Electrospun Nanofibers Incorporating R-Limonene or β -Cyclodextrin/R-Limonene Inclusion Complexes. <i>Journal of Polymers and the Environment</i> , 1	4.5	0
6	Biodegradable plastics in aquatic ecosystems: latest findings, research gaps, and recommendations. <i>Environmental Research Letters</i> ,	6.2	1
5	Polymeric Prosthetic Systems for Site-Specific Drug Administration: Physical and Chemical Properties 369-412		
4	Cellulose -Containing Scaffolds Fabricated by Electrospinning: Applications in Tissue Engineering and Drug Delivery 361-388		
3	Breaking W/O emulsion with electrospun hierarchically porous PLA fibers. <i>Emergent Materials</i> , 1	3.5	0
2	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
1	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

