

JosÃ© MarÃ­a Kenny

List of Publications by Year in descending order

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2213

99
h-index

6831

155
g-index

700
all docs

700
docs citations

700
times ranked

29985
citing authors

#	ARTICLE	IF	CITATIONS
1	Polymeric composites and nanocomposites containing lignin. , 2022, , 293-324.		2
2	Lemna minor aqueous extract as a natural ingredient incorporated in poly (vinyl alcohol)-based films for active food packaging systems. Food Packaging and Shelf Life, 2022, 32, 100822.	3.3	6
3	Synthesis of a Lignin/Zinc Oxide Hybrid Nanoparticles System and Its Application by Nano-Priming in Maize. Nanomaterials, 2022, 12, 568.	1.9	14
4	Shape-Memory Materials via Electrospinning: A Review. Polymers, 2022, 14, 995.	2.0	17
5	Wound Dressing: Combination of Acacia Gum/PVP/Cyclic Dextrin in Bioadhesive Patches Loaded with Grape Seed Extract. Pharmaceutics, 2022, 14, 485.	2.0	12
6	Preparation of toughened poly(lactic acid)-poly(ε-caprolactone)-lignin nanocomposites with good heat- and UV-resistance. Industrial Crops and Products, 2022, 183, 114965.	2.5	16
7	Organic waste valorisation towards circular and sustainable biocomposites. Green Chemistry, 2022, 24, 5429-5459.	4.6	26
8	The Initial Stage of Thermoplastic Polyimide Crystallization: Computer Simulations and Experiments. Reviews and Advances in Chemistry, 2021, 11, 85-99.	0.2	1
9	Migration and Degradation in Composting Environment of Active Polylactic Acid Bilayer Nanocomposites Films: Combined Role of Umbelliferone, Lignin and Cellulose Nanostructures. Polymers, 2021, 13, 282.	2.0	7
10	Nanocomposites based on ethylene vinyl acetate reinforced with different types of nanoparticles: potential applications. , 2021, , 357-377.		0
11	Lignin-based materials with antioxidant and antimicrobial properties. , 2021, , 291-326.		3
12	Lignin Nanoparticles: A Promising Tool to Improve Maize Physiological, Biochemical, and Chemical Traits. Nanomaterials, 2021, 11, 846.	1.9	32
13	Development and Characterization of Xanthan Gum and Alginate Based Bioadhesive Film for Pycnogenol Topical Use in Wound Treatment. Pharmaceutics, 2021, 13, 324.	2.0	25
14	Graphene nanoplatelet, multiwall carbon nanotube, and hybrid multiwall carbon nanotube-graphene nanoplatelet epoxy nanocomposites as strain sensing coatings. Journal of Reinforced Plastics and Composites, 2021, 40, 632-643.	1.6	28
15	The Opportunity of Valorizing Agricultural Waste, Through Its Conversion into Biostimulants, Biofertilizers, and Biopolymers. Sustainability, 2021, 13, 2710.	1.6	64
16	Hydroxytyrosol and Oleuropein-Enriched Extracts Obtained from Olive Oil Wastes and By-Products as Active Antioxidant Ingredients for Poly (Vinyl Alcohol)-Based Films. Molecules, 2021, 26, 2104.	1.7	20
17	Fabrication of water-resistant epoxy nanocomposite with improved dynamic mechanical properties and balanced thermal and dimensional stability: Study on dual role of graphene oxide nanosheets and barium oxide microparticles. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 617, 126405.	2.3	7
18	Anthocyanin Hybrid Nanopigments from Pomegranate Waste: Colour, Thermomechanical Stability and Environmental Impact of Polyester-Based Bionanocomposites. Polymers, 2021, 13, 1966.	2.0	12

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19	Enhancing the Radical Scavenging Activity and UV Resistance of Lignin Nanoparticles via Surface Mannich Amination toward a Biobased Antioxidant. <i>Biomacromolecules</i> , 2021, 22, 2693-2701.	2.6	60
20	PLA Electrospun Fibers Reinforced with Organic and Inorganic Nanoparticles: A Comparative Study. <i>Molecules</i> , 2021, 26, 4925.	1.7	17
21	Evaluation of the Factors Affecting the Disintegration under a Composting Process of Poly(lactic acid) Nanocomposites. <i>Journal of Applied Polymer Science</i> , 2021, 164, 4783-4794.	2.0	22
22	Highly-toughened PVA/nanocellulose hydrogels with anti-oxidative and antibacterial properties triggered by lignin-Ag nanoparticles. <i>Materials Science and Engineering C</i> , 2021, 129, 112385.	3.8	33
23	Multifunctional lignin-based nanocomposites and nanohybrids. <i>Green Chemistry</i> , 2021, 23, 6698-6760.	4.6	93
24	UV Protective, Antioxidant, Antibacterial and Compostable Polylactic Acid Composites Containing Pristine and Chemically Modified Lignin Nanoparticles. <i>Molecules</i> , 2021, 26, 126.	1.7	51
25	Design of Intrinsically Flame-Retardant Vanillin-Based Epoxy Resin for Thermal-Conductive Epoxy/Graphene Aerogel Composites. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 59341-59351.	4.0	35
26	Effect of Pretreatment of Nanocomposite PES/Fe ₃ O ₄ Separator on Microbial Fuel Cells Performance. <i>Polymer Engineering and Science</i> , 2020, 60, 371-379.	1.5	7
27	Poly(lactic acid)/lignin films with enhanced toughness and anti-oxidation performance for active food packaging. <i>International Journal of Biological Macromolecules</i> , 2020, 144, 102-110.	3.6	119
28	Biocomposites Based on Plasticized Wheat Flours: Effect of Bran Content on Thermomechanical Behavior. <i>Polymers</i> , 2020, 12, 2248.	2.0	7
29	Synergic Effect of Nanolignin and Metal Oxide Nanoparticles into Poly(lactide) Bionanocomposites: Material Properties, Antioxidant Activity, and Antibacterial Performance. <i>ACS Applied Bio Materials</i> , 2020, 3, 5263-5274.	2.3	52
30	Novel Nanocomposite PLA Films with Lignin/Zinc Oxide Hybrids: Design, Characterization, Interaction with Mesenchymal Stem Cells. <i>Nanomaterials</i> , 2020, 10, 2176.	1.9	24
31	Hydrophobic, UV resistant and dielectric polyurethane-nanolignin composites with good reprocessability. <i>Materials and Design</i> , 2020, 196, 109150.	3.3	33
32	Polymeric Bioadhesive Patch Based on Ketoprofen-Hydrocortisone Hybrid for Local Treatments. <i>Pharmaceutics</i> , 2020, 12, 733.	2.0	9
33	Drying and redispersion of plant cellulose nanofibers for industrial applications: a review. <i>Cellulose</i> , 2020, 27, 10649-10670.	2.4	47
34	Electrospinning of PCL-Based Blends: Processing Optimization for Their Scalable Production. <i>Materials</i> , 2020, 13, 3853.	1.3	35
35	Antioxidant Packaging Films Based on Ethylene Vinyl Alcohol Copolymer (EVOH) and Caffeic Acid. <i>Molecules</i> , 2020, 25, 3953.	1.7	26
36	Conclusive editorial on non-destructive techniques for cultural heritage. <i>Rendiconti Lincei</i> , 2020, 31, 819-820.	1.0	3

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37	Controlled Release, Disintegration, Antioxidant, and Antimicrobial Properties of Poly (Lactic) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tj	2.0	24
38	Effect of Chlorophyll Hybrid Nanopigments from Broccoli Waste on Thermomechanical and Colour Behaviour of Polyester-Based Bionanocomposites. <i>Polymers</i> , 2020, 12, 2508.	2.0	9
39	Controlled Release of Thymol from Poly(Lactic Acid)-Based Silver Nanocomposite Films with Antibacterial and Antioxidant Activity. <i>Antioxidants</i> , 2020, 9, 395.	2.2	38
40	Biodegradable electrospun PLA-PHB fibers plasticized with oligomeric lactic acid. <i>Polymer Degradation and Stability</i> , 2020, 179, 109226.	2.7	58
41	Effect of SWCNT Content and Water Vapor Adsorption on the Electrical Properties of Cellulose Nanocrystal-Based Nanohybrids. <i>Journal of Physical Chemistry C</i> , 2020, 124, 14901-14910.	1.5	6
42	Thermomechanical, antioxidant and moisture behaviour of PVA films in presence of citric acid esterified cellulose nanocrystals. <i>International Journal of Biological Macromolecules</i> , 2020, 161, 617-626.	3.6	39
43	Organic and Inorganic PCL-Based Electrospun Fibers. <i>Polymers</i> , 2020, 12, 1325.	2.0	27
44	Effect of Cellulose Nanocrystals and Lignin Nanoparticles on Mechanical, Antioxidant and Water Vapour Barrier Properties of Glutaraldehyde Crosslinked PVA Films. <i>Polymers</i> , 2020, 12, 1364.	2.0	82
45	Cellulose nanocrystal based multifunctional nanohybrids. <i>Progress in Materials Science</i> , 2020, 112, 100668.	16.0	113
46	Effect of Lemon Waste Natural Dye and Essential Oil Loaded into Laminar Nanoclays on Thermomechanical and Color Properties of Polyester Based Bionanocomposites. <i>Polymers</i> , 2020, 12, 1451.	2.0	11
47	Characterization of Licorice Root Waste for Prospective Use as Filler in more Eco-Friendly Composite Materials. <i>Processes</i> , 2020, 8, 733.	1.3	12
48	PBS-Based Green Copolymer as an Efficient Compatibilizer in Thermoplastic Inedible Wheat Flour/Poly(butylene succinate) Blends. <i>Biomacromolecules</i> , 2020, 21, 3254-3269.	2.6	25
49	Improved Toughness in Lignin/Natural Fiber Composites Plasticized with Epoxidized and Maleinized Linseed Oils. <i>Materials</i> , 2020, 13, 600.	1.3	12
50	Thermomechanical and Morphological Properties of Poly(ethylene terephthalate)/Anhydrous Calcium Terephthalate Nanocomposites. <i>Polymers</i> , 2020, 12, 276.	2.0	15
51	Effect of Almond Shell Waste on Physicochemical Properties of Polyester-Based Biocomposites. <i>Polymers</i> , 2020, 12, 835.	2.0	18
52	Combined effect of cellulose nanocrystals, carvacrol and oligomeric lactic acid in PLA_PHB polymeric films. <i>Carbohydrate Polymers</i> , 2019, 223, 115131.	5.1	35
53	Acoustic impact of a wave energy converter in Mediterranean shallow waters. <i>Scientific Reports</i> , 2019, 9, 9586.	1.6	12
54	Biomimetic multifunctional materials: a review. <i>Emergent Materials</i> , 2019, 2, 391-415.	3.2	27

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55	Toward Predictive Molecular Dynamics Simulations of Asphaltenes in Toluene and Heptane. ACS Omega, 2019, 4, 20005-20014.	1.6	22
56	Bio-Polyethylene-Based Composites Reinforced with Alkali and Palmitoyl Chloride-Treated Coffee Silverskin. Molecules, 2019, 24, 3113.	1.7	34
57	Extraction of nanostructured starch from purified granules of waxy and non-waxy barley cultivars. Industrial Crops and Products, 2019, 130, 520-527.	2.5	11
58	Thermal, antioxidant and swelling behaviour of transparent polyvinyl (alcohol) films in presence of hydrophobic citric acid-modified lignin nanoparticles. International Journal of Biological Macromolecules, 2019, 127, 665-676.	3.6	100
59	Lignocellulosic materials as reinforcements in sustainable packaging systems. , 2019, , 87-102.		14
60	Active Role of ZnO Nanorods in Thermomechanical and Barrier Performance of Poly(vinyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 Td (2.0	8
61	Thermal and mechanical behavior of thermoplastic composites reinforced with fibers enzymatically extracted from Ampelodesmos mauritanicus. Polymer Engineering and Science, 2019, 59, 2418-2428.	1.5	8
62	Design and Characterization of PLA Bilayer Films Containing Lignin and Cellulose Nanostructures in Combination With Umbelliferone as Active Ingredient. Frontiers in Chemistry, 2019, 7, 157.	1.8	38
63	Protocol for nonisothermal cure analysis of thermoset composites. Progress in Organic Coatings, 2019, 131, 333-339.	1.9	87
64	Bio- and Fossil-Based Polymeric Blends and Nanocomposites for Packaging: Structureâ€“Property Relationship. Materials, 2019, 12, 471.	1.3	113
65	Multifunctional and Environmentally Friendly TiO2â€“SiO2 Mesoporous Materials for Sustainable Green Buildings. Molecules, 2019, 24, 4226.	1.7	12
66	A Novel Class of Cost Effective and High Performance Composites Based on Terephthalate Salts Reinforced Polyether Ether Ketone. Polymers, 2019, 11, 2097.	2.0	6
67	Gallic Acid and Quercetin as Intelligent and Active Ingredients in Poly(vinyl alcohol) Films for Food Packaging. Polymers, 2019, 11, 1999.	2.0	71
68	Reactive compatibilization of plant polysaccharides and biobased polymers: Review on current strategies, expectations and reality. Carbohydrate Polymers, 2019, 209, 20-37.	5.1	89
69	Melt-processing of bionanocomposites based on ethylene-co-vinyl acetate and starch nanocrystals. Carbohydrate Polymers, 2019, 208, 382-390.	5.1	20
70	Valorization and extraction of cellulose nanocrystals from North African grass: Ampelodesmos mauritanicus (Diss). Carbohydrate Polymers, 2019, 209, 328-337.	5.1	77
71	Preparation and properties of adhesives based on phenolic resin containing lignin micro and nanoparticles: A comparative study. Materials and Design, 2019, 161, 55-63.	3.3	82
72	Thermal and composting degradation of EVA/Thermoplastic starch blends and their nanocomposites. Polymer Degradation and Stability, 2019, 159, 184-198.	2.7	48

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73	Effect of nanohydroxyapatite, antibiotic, and mucosal defensive agent on the mechanical and thermal properties of glass ionomer cements for special needs patients. <i>Journal of Materials Research</i> , 2018, 33, 638-649.	1.2	21
74	Thermally-activated shape memory effect on biodegradable nanocomposites based on PLA/PCL blend reinforced with hydroxyapatite. <i>Polymer Degradation and Stability</i> , 2018, 151, 36-51.	2.7	62
75	Recycling coffee silverskin in sustainable composites based on a poly(butylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 667 Td Products, 2018, 118, 311-320.	2.5	45
76	Effect of the addition of polyester-grafted-cellulose nanocrystals on the shape memory properties of biodegradable PLA/PCL nanocomposites. <i>Polymer Degradation and Stability</i> , 2018, 152, 126-138.	2.7	81
77	Role of lignin nanoparticles in UV resistance, thermal and mechanical performance of PMMA nanocomposites prepared by a combined free-radical graft polymerization/masterbatch procedure. <i>Composites Part A: Applied Science and Manufacturing</i> , 2018, 107, 61-69.	3.8	83
78	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.	3.2	214
79	Effect of nano- ϵ -magnetite particle content on mechanical, thermal and magnetic properties of polypropylene composites. <i>Polymer Composites</i> , 2018, 39, E1742.	2.3	11
80	Nanostructured starch combined with hydroxytyrosol in poly(vinyl alcohol) based ternary films as active packaging system. <i>Carbohydrate Polymers</i> , 2018, 193, 239-248.	5.1	56
81	Polyvinyl alcohol/chitosan hydrogels with enhanced antioxidant and antibacterial properties induced by lignin nanoparticles. <i>Carbohydrate Polymers</i> , 2018, 181, 275-284.	5.1	228
82	Cure kinetics of epoxy/chicken eggshell biowaste composites: Isothermal calorimetric and chemorheological analyses. <i>Progress in Organic Coatings</i> , 2018, 114, 208-215.	1.9	49
83	Synthesis and Characterization of Nanofluids Useful in Concentrated Solar Power Plants Produced by New Mixing Methodologies for Large-Scale Production. <i>Journal of Heat Transfer</i> , 2018, 140, .	1.2	5
84	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.	2.4	13
85	Effect of Different Compatibilizers on Sustainable Composites Based on a PHBV/PBAT Matrix Filled with Coffee Silverskin. <i>Polymers</i> , 2018, 10, 1256.	2.0	36
86	Computer Simulation of Asphaltenes. <i>Petroleum Chemistry</i> , 2018, 58, 983-1004.	0.4	18
87	Structure-property relationships of thermoset nanocomposites. , 2018, , 231-276.		6
88	Thermoset Nanocomposites as ablative materials for rocket and military applications. , 2018, , 477-509.		2
89	Physicochemical properties of nanosized polymeric drug carrier systems. , 2018, , 7-17.		1
90	Stimuli-responsive core-shell nanoparticles. , 2018, , 245-258.		2

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91	Nanocomposites Based on Biodegradable Polymers. <i>Materials</i> , 2018, 11, 795.	1.3	83
92	Citric Acid as Green Modifier for Tuned Hydrophilicity of Surface Modified Cellulose and Lignin Nanoparticles. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 9966-9978.	3.2	72
93	Bio-Based Nanocomposites in Food Packaging. , 2018, , 71-110.		19
94	Lignocellulosic Based Bionanocomposites for Different Industrial Applications. <i>Current Organic Chemistry</i> , 2018, 22, 1205-1221.	0.9	8
95	The role of clay modifier on cure characteristics and properties of epoxy/clay/carboxyl-terminated poly(butadiene-co-acrylonitrile) (CTBN) hybrid. <i>Materials Technology</i> , 2017, 32, 171-177.	1.5	19
96	Analysis and simulation of the electrical properties of CNTs/epoxy nanocomposites for high performance composite matrices. <i>Polymer Composites</i> , 2017, 38, 105-115.	2.3	11
97	Effect of boron carbide nanoparticles on the thermal stability of carbon/phenolic composites. <i>Polymer Composites</i> , 2017, 38, 1819-1827.	2.3	25
98	Biodegradable polycaprolactone-based composites reinforced with ramie and borassus fibres. <i>Composite Structures</i> , 2017, 167, 20-29.	3.1	51
99	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.	2.6	72
100	Biowaste chicken eggshell powder as a potential cure modifier for epoxy/anhydride systems: competitiveness with terpolymer-modified calcium carbonate at low loading levels. <i>RSC Advances</i> , 2017, 7, 2218-2230.	1.7	55
101	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.	1.5	17
102	Processing and characterization of nanocomposite based on poly(butylene/triethylene succinate) copolymers and cellulose nanocrystals. <i>Carbohydrate Polymers</i> , 2017, 165, 51-60.	5.1	30
103	Relationships between wheat flour baking properties and tensile characteristics of derived thermoplastic films. <i>Industrial Crops and Products</i> , 2017, 100, 138-145.	2.5	11
104	To What Extent Can Hyperelastic Models Make Sense the Effect of Clay Surface Treatment on the Mechanical Properties of Elastomeric Nanocomposites?. <i>Macromolecular Materials and Engineering</i> , 2017, 302, 1700036.	1.7	16
105	Heat capacity of nanofluids for solar energy storage produced by dispersing oxide nanoparticles in nitrate salt mixture directly at high temperature. <i>Solar Energy Materials and Solar Cells</i> , 2017, 167, 60-69.	3.0	103
106	Cure kinetics of epoxy/MWCNTs nanocomposites: Isothermal calorimetric and rheological analyses. <i>Progress in Organic Coatings</i> , 2017, 108, 75-83.	1.9	60
107	Multiscale modeling of electrical conductivity of carbon nanotubes based polymer nanocomposites. <i>Journal of Applied Physics</i> , 2017, 121, .	1.1	7
108	Effect of polymer chain stiffness on initial stages of crystallization of polyetherimides: Coarse-grained computer simulation. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2017, 55, 1254-1265.	2.4	7

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109	Microstructure and ablation behavior of an affordable and reliable nanostructured Phenolic Impregnated Carbon Ablator (PICA). <i>Polymer Degradation and Stability</i> , 2017, 141, 84-96.	2.7	65
110	Elastomer/thermoplastic modified epoxy nanocomposites: The hybrid effect of μm and nm scale. <i>Materials Science and Engineering Reports</i> , 2017, 116, 1-29.	14.8	99
111	Effect of fibre posts, bone losses and fibre content on the biomechanical behaviour of endodontically treated teeth: 3D-finite element analysis. <i>Materials Science and Engineering C</i> , 2017, 74, 334-346.	3.8	38
112	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.	5.1	39
113	8 Injection moulding of plant fibre composites. , 2017, , 420-439.		3
114	Recent Advances in Conductive Composites Based on Biodegradable Polymers for Regenerative Medicine Applications. , 2017, , 519-542.		0
115	Melt processing and mechanical property characterization of high-performance poly(ether ether) Tj ETQq1 1 0.784314 rgBT /Overlock 23	1.6	23
116	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.	5.7	23
117	Non-covalently coated biopolymeric nanoparticles for improved tamoxifen delivery. <i>European Polymer Journal</i> , 2017, 95, 348-357.	2.6	21
118	In Focus International Conference on Nanostructured Polymers and Nanocomposites (ECNP). <i>Polymer International</i> , 2017, 66, 1689-1689.	1.6	0
119	Humidity-Activated Shape Memory Effects on Thermoplastic Starch/EVA Blends and Their Compatibilized Nanocomposites. <i>Macromolecular Chemistry and Physics</i> , 2017, 218, 1700388.	1.1	19
120	Simple citric acid-catalyzed surface esterification of cellulose nanocrystals. <i>Carbohydrate Polymers</i> , 2017, 157, 1358-1364.	5.1	91
121	Manufacturing of Natural Fiber/Agrowaste Based Polymer Composites. <i>Green Energy and Technology</i> , 2017, , 125-147.	0.4	5
122	Effect of reactive functionalization on properties and degradability of poly(lactic acid)/poly(vinyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2	2.0	38
123	Nanofillers in Polymers. , 2017, , 47-86.		22
124	Influence of specific intermolecular interactions on the thermal and dielectric properties of bulk polymers: atomistic molecular dynamics simulations of Nylon 6. <i>Soft Matter</i> , 2017, 13, 474-485.	1.2	22
125	Processing Conditions, Thermal and Mechanical Responses of Stretchable Poly (Lactic Acid)/Poly (Butylene Succinate) Films. <i>Materials</i> , 2017, 10, 809.	1.3	55
126	Atomistic Molecular Dynamics Simulations of the Initial Crystallization Stage in an SWCNT-Polyetherimide Nanocomposite. <i>Polymers</i> , 2017, 9, 548.	2.0	19

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127	Effect of Cellulose Nanocrystals and Bacterial Cellulose on Disintegrability in Composting Conditions of Plasticized PHB Nanocomposites. <i>Polymers</i> , 2017, 9, 561.	2.0	39
128	Multifunctional antimicrobial nanocomposites for food packaging applications. , 2017, , 265-303.		9
129	An overview of nanoparticles role in the improvement of barrier properties of bioplastics for food packaging applications. , 2017, , 391-424.		31
130	Effective Postharvest Preservation of Kiwifruit and Romaine Lettuce with a Chitosan Hydrochloride Coating. <i>Coatings</i> , 2017, 7, 196.	1.2	28
131	Effect of Cellulose Nanocrystals on Fire, Thermal and Mechanical Behavior of N,N'-Diallyl-phenylphosphoricdiamide Modified Poly(lactic acid). <i>Journal of Renewable Materials</i> , 2017, 5, 423-434.	1.1	6
132	Multifunctional nanostructured biopolymeric materials for therapeutic applications. , 2017, , 107-135.		1
133	Hydroxytyrosol as Active Ingredient in Poly(vinyl alcohol) Films for Food Packaging Applications. <i>Journal of Renewable Materials</i> , 2017, 5, 81-95.	1.1	15
134	Cure Kinetics of Epoxy/Rubber Polymer Blends. , 2017, , 211-237.		1
135	Skin Tissue Engineering. , 2017, , 1408-1423.		0
136	Computational Modeling of Polylactide and Its Cellulose-Reinforced Nanocomposites. , 2016, , 313-341.		4
137	Antimicrobial Properties and Cytocompatibility of PLGA/Ag Nanocomposites. <i>Materials</i> , 2016, 9, 37.	1.3	25
138	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.	1.6	26
139	Poly(lactic acid)-based nanocomposites filled with cellulose nanocrystals with modified surface: all-atom molecular dynamics simulations. <i>Polymer International</i> , 2016, 65, 892-898.	1.6	31
140	Preparation of alginate hydrogels containing silver nanoparticles: a facile approach for antibacterial applications. <i>Polymer International</i> , 2016, 65, 921-926.	1.6	43
141	Preparation and characterization of polybutylene-succinate/poly(ethylene-glycol)/cellulose nanocrystals ternary composites. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	1.3	28
142	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.	1.1	21
143	Tensile, Thermal and Morphological Characterization of Cocoa Bean Shells (CBS)/Polycaprolactone-Based Composites. <i>Journal of Renewable Materials</i> , 2016, 4, 199-205.	1.1	15
144	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.	2.7	54

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145	Design of biodegradable blends based on PLA and PCL: From morphological, thermal and mechanical studies to shape memory behavior. <i>Polymer Degradation and Stability</i> , 2016, 132, 97-108.	2.7	222
146	Synergic effect of cellulose and lignin nanostructures in PLA based systems for food antibacterial packaging. <i>European Polymer Journal</i> , 2016, 79, 1-12.	2.6	212
147	Lignocellulosic nanostructures as reinforcement in extruded and solvent casted polymeric nanocomposites: an overview. <i>European Polymer Journal</i> , 2016, 80, 295-316.	2.6	80
148	Strain sensitivity of carbon nanotube cement-based composites for structural health monitoring. , 2016, , .		7
149	Effect of cellulose and lignin on disintegration, antimicrobial and antioxidant properties of PLA active films. <i>International Journal of Biological Macromolecules</i> , 2016, 89, 360-368.	3.6	161
150	Science and technology of polymeric ablative materials for thermal protection systems and propulsion devices: A review. <i>Progress in Materials Science</i> , 2016, 84, 192-275.	16.0	313
151	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.	2.7	8
152	Antioxidant and antibacterial lignin nanoparticles in polyvinyl alcohol/chitosan films for active packaging. <i>Industrial Crops and Products</i> , 2016, 94, 800-811.	2.5	307
153	Correlation between the High-Temperature Local Mobility of Heterocyclic Polyimides and Their Mechanical Properties. <i>Macromolecules</i> , 2016, 49, 6700-6710.	2.2	32
154	Relationship between morphology and electrical properties in PP/MWCNT composites: Processing-induced anisotropic percolation threshold. <i>Materials Chemistry and Physics</i> , 2016, 180, 284-290.	2.0	27
155	Multiresponsive Shape Memory Blends and Nanocomposites Based on Starch. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 19197-19201.	4.0	40
156	Multiscale computer simulation of polymer nanocomposites based on thermoplastics. <i>Polymer Science - Series C</i> , 2016, 58, 2-15.	0.8	18
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