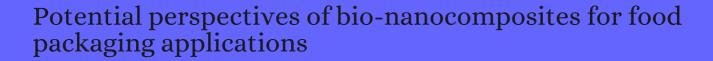
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#	Paper	IF	Citations
821	Emerging biodegradable materials: starch- and protein-based bio-nanocomposites. 2008 , 43, 3058-3071		248
820	Nanocomposites from plasticized high-amylopectin, normal and high-amylose maize starches. 2008 , 48, 1261-1267		55
819	Preparation of chitosan nanoparticles using methacrylic acid. 2008 , 321, 477-83		96
818	Effects of plasticizers on the structure and properties of starchdlay nanocomposite films. 2008 , 74, 552-5	558	158
817	Oxygen permeability of novel organicihorganic coatings: II. Modification of the organic component with a hydrogen-bond forming polymer. 2008 , 44, 3256-3263		17
816	Barrier properties of model epoxy nanocomposites. 2008 , 318, 129-136		126
815	Properties of novel hydroxypropyl methylcellulose films containing chitosan nanoparticles. 2008 , 73, N31-7		62
814	Mechanical Characterisation of a New Biodegradable Film. 2008 , 46, 215-226		
813	Bionanocomposites. 2008 , 1		4
812	Perceived risks and perceived benefits of different nanotechnology foods and nanotechnology food packaging. 2008 , 51, 283-90		218
811	Biodegradable polymers for food packaging: a review. <i>Trends in Food Science and Technology</i> , 2008 , 19, 634-643	15.3	1233
810	Sorption characteristics of water, oil and diesel in cellulose nanofiber reinforced corn starch resin/ramie fabric composites. 2008 , 15, 281-299		38
809	State-of-the-art biobased food packaging materials. 2008 , 3-28		16
808	Novel Applications and Non-Food Uses of Potato. 2009 , 425-445		1
807	Preventing diet induced disease: bioavailable nutrient-rich, low-energy-dense diets. 2009 , 20, 135-66		19
806	Hydrocolloids for coatings and adhesives. 2009 , 760-806		3
805	Nanotechnology and its applications in the food sector. 2009 , 27, 82-9		592

(2010-2009)

804	Thermal properties of PS/TiO2 nanocomposites obtained by in situ bulk radical polymerization of styrene. 2009 , 63, 908-910		15
803	Films based on kefiran, an exopolysaccharide obtained from kefir grain: Development and characterization. 2009 , 23, 684-690		114
802	Physicochemical characterization of collagen fibers and collagen powder for self-composite film production. 2009 , 23, 1886-1894		31
801	Investigation of oxygen barrier properties of organoclay/HDPE/EVA nanocomposite films prepared using a two-step solution method. 2009 , 30, 812-819		15
800	Properties of poly(lactide)-coated paperboard for the use of 1-way paper cup. 2009, 74, E105-11		40
799	Nanocomposite edible films from mango puree reinforced with cellulose nanofibers. 2009 , 74, N31-5		282
798	Effect of nano-clay type on the physical and antimicrobial properties of whey protein isolate/clay composite films. 2009 , 91, 468-473		182
797	Improved barrier and mechanical properties of novel hydroxypropyl methylcellulose edible films with chitosan/tripolyphosphate nanoparticles. 2009 , 92, 448-453		250
796	Nanocomposites for food packaging applications. 2009 , 42, 1240-1253		875
795	Fish gelatin: a renewable material for developing active biodegradable films. <i>Trends in Food Science and Technology</i> , 2009 , 20, 3-16	15.3	330
794	Development of polyion-complex hydrogels as an alternative approach for the production of bio-based polymers for food packaging applications: a review. <i>Trends in Food Science and Technology</i> , 2009 , 20, 316-332	15.3	168
793	Mechanical and Permeability Properties of Edible Films and Coatings for Food and Pharmaceutical Applications. 2009 , 347-366		8
792	Biopolymer Films and Composite Coatings. 2009 , 295-326		14
791	Active and Intelligent Packaging for Milk and Milk Products. 2009 , 175-199		8
790	Packaging: Polymer. 2010 , 1218-1220		
789	Permeation, Sorption, and Diffusion in Poly(Lactic Acid). 2010 , 155-179		15
788	How does water diffuse in starch/montmorillonite nano-biocomposite materials?. 2010 , 82, 128-135		74
787	Glucomannan composite films with cellulose nanowhiskers. 2010 , 17, 69-81		54

786	Microfibrillated cellulose and new nanocomposite materials: a review. 2010 , 17, 459-494	2084
785	Advances in biomimetic and nanostructured biohybrid materials. 2010 , 22, 323-36	251
784	Practical Evaluation of Fish Quality by Objective, Subjective, and Statistical Testing. 2010, 11-28	2
783	Physical properties and morphology of films prepared from microfibrillated cellulose and microfibrillated cellulose in combination with amylopectin. 2010 , 117, n/a-n/a	8
782	A combination of hot air treatment and nano-packing reduces fruit decay and maintains quality in postharvest Chinese bayberries. 2010 , 90, 2427-32	32
781	Release kinetics of nisin from biodegradable poly(butylene adipate-co-terephthalate) films into water. 2010 , 100, 93-101	26
780	Starch-based composites reinforced with novel chitin nanoparticles. 2010 , 80, 420-425	158
779	Optimization of mechanical properties of thermoplastic starch/clay nanocomposites. 2010 , 79, 547-554	161
778	A comparative study of oxygen transmission rates through polymer films based on fluorescence quenching. 2010 , 23, 301-315	16
777	Nanotechnology for Food Applications: More Questions Than Answers. 2010 , 44, 528-545	35
776	Nanocellulose reinforced chitosan composite films as affected by nanofiller loading and plasticizer content. 2010 , 75, N1-7	282
775	Review: nanocomposites in food packaging. 2010 , 75, R43-9	513
774	Biodegradable poly(butylene adipate-co-terephthalate) films incorporated with nisin: characterization and effectiveness against Listeria innocua. 2010 , 75, E215-24	69
773	Acceptance of nanotechnology in food and food packaging: a path model analysis. 2010 , 13, 353-365	42
772	Alternative synthetic routes for the preparation of PLA/montmorillonite nanocomposites. 2010,	1
771	Hybrid materials based on clays for environmental and biomedical applications. 2010 , 20, 9306	265
770	Edible packaging materials. 2010 , 1, 415-48	260
769	Active food packaging evolution: transformation from micro- to nanotechnology. 2010 , 50, 799-821	122

(2011-2010)

768	Effect of clay content on the physical and antimicrobial properties of whey protein isolate/organo-clay composite films. 2010 , 43, 279-284		122	
767	Quality and safety aspects of meat products as affected by various physical manipulations of packaging materials. 2010 , 86, 138-50		107	
766	Natural micro and nanobiocomposites with enhanced barrier properties and novel functionalities for food biopackaging applications. <i>Trends in Food Science and Technology</i> , 2010 , 21, 528-536	15.3	123	
765	Threshold temperature luminescent indicators from biodegradable poly(lactic acid)/poly(butylene succinate) blends. 2010 , 20, 5843		29	
764	Biodegradable Bovine Gelatin/Na+-Montmorillonite Nanocomposite Films. Structure, Barrier and Dynamic Mechanical Properties. 2010 , 49, 581-588		50	
763	Nanotechnology Applications in Food and Food Processing: Innovative Green Approaches, Opportunities and Uncertainties for Global Market. 2010 , 1, P72-P96		130	
762	Preparation and functionality of clay-containing films. 2011 , 21, 15132		106	
761	Effects of poly(ethylene oxide) and ZnO nanoparticles on the morphology, tensile and thermal properties of cellulose acetate nanocomposite fibrous film. 2011 , 43, 978-986		31	
760	Biopolymer Coatings for Paper and Paperboard. 2011 , 255-276		5	
759	Migration of silver from nanosilver-polyethylene composite packaging into food simulants. 2011 , 28, 1758-62		32	
758	Dispersions of nanoclays of different shapes into aqueous and solid biopolymeric matrices. Extended physicochemical study. 2011 , 27, 1158-67		145	
757	Migration of nanosized layered double hydroxide platelets from polylactide nanocomposite films. 2011 , 28, 956-66		73	
756	Food nanotechnology in the news. Coverage patterns and thematic emphases during the last decade. 2011 , 56, 78-89		60	
755	Synthesis of polylactide/clay composites using structurally different kaolinites and kaolinite nanotubes. 2011 , 51, 102-109		88	
754	Processing and shelf life issues of selected food packaging materials and structures from renewable resources. <i>Trends in Food Science and Technology</i> , 2011 , 22, 72-80	15.3	133	
753	Edible films and coatings: Structures, active functions and trends in their use. <i>Trends in Food Science and Technology</i> , 2011 , 22, 292-303	15.3	508	
75 ²	Biobased Materials in Food Packaging Applications. 2011 , 121-159		5	
75 ¹	Advances in Diverse Industrial Applications of Nanocomposites. 2011 ,		24	

75°	A review of experimental and modeling techniques to determine properties of biopolymer-based nanocomposites. 2011 , 76, E2-14	43
749	A brief review of the occurrence, use, and safety of food-related nanomaterials. 2011 , 76, R126-33	136
748	Applications of nanotechnology in food packaging and food safety: barrier materials, antimicrobials and sensors. 2011 , 363, 1-24	1315
747	Hybrid and biohybrid silicate based materials: molecular vs. block-assembling bottom-up processes. 2011 , 40, 801-28	185
746	From interfacial ring-opening polymerization to melt processing of cellulose nanowhisker-filled polylactide-based nanocomposites. 2011 , 12, 2456-65	316
745	Preparation and characterization of cationic nanofibrillated cellulose from etherification and high-shear disintegration processes. 2011 , 18, 1391-1406	120
744	In situ solgel fabrication of new poly(amide@ther@mide)/titania (TiO2) nanocomposite thin films containing l-leucine moieties. 2011 , 289, 15-20	19
743	Compatible blends of biorelated polyesters through catalytic transesterification in the melt. 2011 , 96, 982-990	64
742	Constructing productive engagement: pre-engagement tools for emerging technologies. 2011 , 17, 699-714	55
741	Structure and properties of clay nano-biocomposites based on poly(lactic acid) plasticized with polyadipates. 2011 , 22, 2206-2213	57
740	Environmental Considerations of and Societal Reactions to Nanotechnology in the Food Sector. 2011 , 209-223	1
739	The role of reactive silicates on the structure/property relationships and cell response evaluation in polyurethane nanocomposites. 2011 , 97, 480-9	15
738	Development and evaluation of a novel pH indicator biodegradable film based on cassava starch. 2011 , 120, 1069-1079	46
737	Morphologies and properties of nanocomposite films based on a biodegradable poly(ester)urethane elastomer. 2011 , 121, 1622-1630	11
736	Effect of clay contents on mechanical and water vapor barrier properties of agar-based nanocomposite films. 2011 , 86, 691-699	257
735	Cross-linked soy protein as material for biodegradable films: Synthesis, characterization and biodegradation. 2011 , 106, 331-338	148
734	Nanocomposites Based on Starch and Fibers of Natural Origin. 2011 , 471-509	1
733	Nanocoatings and ultra-thin films for packaging applications. 2011 , 203-234	8

732	Protein-based resins for food packaging. 2011 , 610-648	7
73 ¹	GIDA - AMBALAJ SEKT R NDE NANOTEKNOLOJ K UYGULAMALAR VE SU R NLERTATSINDAN NEMT 2011 ,	O
730	Surface Modified CaCO3 Nanoparticles with Silica via Sol-Gel Process Using in Poly(lactic acid) Nanocomposite. 2012 , 488-489, 520-524	2
729	Influence of Nucleating Agent on PLLA Crystalline and Mechanical Properties. 2012, 624, 269-273	2
728	Nano-Biocomposites for Food Packaging. 2012 , 393-408	6
727	Perceived risks and benefits of nanotechnology applied to the food and packaging sector in M \blacksquare ico. 2012 , 114, 197-205	19
726	Coating Technology for Food Preservation. 2012 , 111-127	0
725	Films and Coatings Produced from Biopolymers and Composites. 2012 , 145-216	2
724	An Introduction to Biopolymer Applications in Food Engineering. 2012 , 1-16	1
723	Structure modification of montmorillonite nanoclay by surface coating with soy protein. 2012 , 60, 11965-71	23
722	Preparation, structure and thermal properties of polylactide/sepiolite nanocomposites with and without organic modifiers. 2012 , 72, 1508-1514	70
721	Preparation and characterization of chitosan/montmorillonite-K10 nanocomposites films for food packaging applications. 2012 , 33, 1874-1882	57
720	Development and characterization of flexible film based on starch and passion fruit mesocarp flour with nanoparticles. 2012 , 49, 588-595	77
719	Biodegradable polymer nanocomposites. 2012 , 398-430	4
718	Nanocomposites for food and beverage packaging. 2012 , 239-273	
717	Nanomaterials in the field of design ergonomics: present status. 2012 , 55, 1453-62	13
716	Development of highly ordered nanofillers in zein nanocomposites for improved tensile and barrier properties. 2012 , 60, 4162-9	21
715	Effect of gamma radiation on the physico-chemical properties of alginate-based films and beads. 2012 , 81, 945-948	26

714	Nanotechnologies in the food industry [Recent developments, risks and regulation. <i>Trends in Food Science and Technology</i> , 2012 , 24, 30-46	458
713	Molecular Dynamics Simulations of the Thermal Stability of Crystalline Cellulose Surfaces Coated with Oleic Acid. 2012 , 191-208	1
712	Mechanical and barrier properties of nanocrystalline cellulose reinforced chitosan based nanocomposite films. 2012 , 90, 1601-8	438
711	Nanotech: propensity in foods and bioactives. 2012 , 52, 55-71	52
710	Physical-mechanical properties of agar/Ecarrageenan blend film and derived clay nanocomposite film. 2012 , 77, N66-73	107
709	Antimicrobial Activity of Nanomaterials for Food Packaging Applications. 2012, 375-394	5
708	Nanocomposites. 2012 , 41-54	1
707	Recent advances in biopolymers and biopolymer-based nanocomposites for food packaging materials. 2012 , 52, 426-42	291
706	Introduction to the Analysis and Risk of Nanomaterials in Environmental and Food Samples. 2012 , 1-32	20
705	Photochemical behavior of polylactide/ZnO nanocomposite films. 2012 , 13, 3283-91	101
704	Fingerprinting food: current technologies for the detection of food adulteration and contamination. 2012 , 41, 5706-27	283
703	Effect of modified clays on the structure and functional properties of biofilms produced with zein. 2012 , 32, 314-322	7
702	Revisīb: caracterĒticas de nanopartĒulas e potenciais aplicaĒs em alimentos. 2012 , 15, 99-109	35
701	Nanotechnology and Food Industry. 2012 ,	3
700	Interfacial agent effect on rheological response and crystallite characteristics in germicidal polypropylene/titanium dioxide nanocomposites. 2012 , 61, 1655-1665	3
699	Biodegradable nanocomposites of cellulose acetate phthalate and chitosan reinforced with functionalized nanoclay: Mechanical, thermal, and biodegradability studies. 2012 , 125, E16	18
698	Comparative study about preparation of poly(lactide)/Organophilic montmorillonites nanocomposites through melt blending or ring opening polymerization methods. 2012 , 125, E413	12
697	The role of proteinplasticizerElay interactions on processing and properties of thermoplastic zein bionanocomposites. 2012 , 125, E314-E323	18

(2013-2012)

696	Biodegradable composites from polyester and sugar beet pulp with antimicrobial coating for food packaging. 2012 , 126, E362-E373	20
695	Investigation of PLA-based scaffolds fabricated via SVM rapid prototyping. 2012, 19, 481-489	6
694	Effect of Addition of Halloysite Nanoclay and SiO2 Nanoparticles on Barrier and Mechanical Properties of Bovine Gelatin Films. 2012 , 5, 1766-1774	97
693	Zinc Oxide Nanoparticles: Synthesis, Antimicrobial Activity and Food Packaging Applications. 2012 , 5, 1447-1464	769
692	Beneficial effects of polyethylene packages containing micrometer-sized silver particles on the quality and shelf life of dried barberry (Berberis vulgaris). 2012 , 77, E2-9	3
691	Green composites from sustainable cellulose nanofibrils: A review. 2012 , 87, 963-979	1062
690	Cassava starchRaolinite composite film. Effect of clay content and clay modification on film properties. 2012 , 88, 213-222	83
689	Synthesis of nano cellulose fibers and effect on thermoplastics starch based films. 2012 , 89, 146-51	192
688	Biodegradation of PVP-CMC hydrogel film: a useful food packaging material. 2012, 89, 346-53	121
687	Biodegradable poly(lactic acid)-based hybrid coating materials for food packaging films with gas barrier properties. 2012 , 18, 1063-1068	73
686	Properties and structural characterization of oxide starch/chitosan/graphene oxide biodegradable nanocomposites. 2012 , 123, 2933-2944	42
685	Recycling Ability of Biodegradable Matrices and Their Cellulose-Reinforced Composites in a Plastic Recycling Stream. 2012 , 20, 96-103	43
684	Effect of Polyethylene Packaging Modified with Silver Particles on the Microbial, Sensory and Appearance of Dried Barberry. 2013 , 26, 39-49	39
683	FTIR, XRD, and DSC analysis of the rosemary extract effect on polyethylene structure and biodegradability. 2013 , 114, 169-177	29
682	Food Safety Applications of Nanoparticles. 2013 , 115-125	3
681	Preparation and characterization of micro and nanocomposites based on poly(vinyl alcohol) for packaging applications. 2013 , 48, 7088-7096	12
680	Context Matters: Promises and Concerns Regarding Nanotechnologies for Water and Food Applications. 2013 , 7, 17-27	20
679	Biocomposite Films Based on ECarrageenan/Locust Bean Gum Blends and Clays: Physical and Antimicrobial Properties. 2013 , 6, 2081-2092	63

678	PLA-ZnO nanocomposite films: Water vapor barrier properties and specific end-use characteristics. 2013 , 49, 3471-3482	176
677	Incorporation of T4 bacteriophage in electrospun fibres. 2013 , 114, 1425-34	41
676	Layered double hydroxides with low Al content and new intercalate structures. 2013, 71, 27-31	3
675	Applications of ClayPolymer Nanocomposites. 2013, 539-586	19
674	Fracture behavior of a commercial starch/polycaprolactone blend reinforced with different layered silicates. 2013 , 97, 269-76	17
673	Bionanocomposites. 2013, 361-430	6
672	Synthesis of polymertlay nanocomposites of some vinyl monomers by surface-initiated atom transfer radical polymerization. 2013 , 16, 528-536	13
671	Bioinspired Layered Nanoclays for Nutraceutical Delivery System. 2013 , 207-220	8
670	Characterization of Biopolymer and Chitosan-Based Nanocomposites with Antimicrobial Activity. 2013 , 355-382	
669	Robust soy protein films obtained by slight chemical modification of polypeptide chains. 2013, 4, 5425	42
668	Biopolymer Films and Composite Coatings. 2013 , 295-327	
667	Gas transfer properties of wheat gluten coated paper adapted to eMAP of fresh parsley. 2013 , 119, 362-369	11
666	Baked foams of cassava starch and organically modified nanoclays. 2013 , 44, 705-711	61
665	Development of novel biodegradable Au nanocomposite hydrogels based on wheat: for inactivation of bacteria. 2013 , 92, 2193-200	110
664	The influence of modified polyhexamethylene guanidine PHMG on the biodegradation of polylactide. 2013 , 84, 97-103	16
663	Comparing physico-mechanical and thermal properties of alginate nanocomposite films reinforced with organic and/or inorganic nanofillers. 2013 , 32, 416-424	198
662	Effect of montmorillonite clay and biopolymer concentration on the physical and mechanical properties of alginate nanocomposite films. 2013 , 117, 26-33	115
661	Effect of PLA lamination on performance characteristics of agar/Ecarrageenan/clay bio-nanocomposite film. 2013 , 51, 714-722	95

660	Biopolymers for Health, Food, and Cosmetic Applications. 2013 , 801-849	30
659	Recent Studies on Soy Protein Based Blends, Composites and Nanocomposites. 2013 , 155-168	
658	Application of bioplastics for food packaging. <i>Trends in Food Science and Technology</i> , 2013 , 32, 128-141 15.3	357
657	Polymer[horganic supramolecular nanohybrids for red, white, green, and blue applications. 2013 , 38, 1442-1486	94
656	Polylactide (PLA)-based nanocomposites. 2013 , 38, 1504-1542	801
655	Fibrous clays based bionanocomposites. 2013 , 38, 1392-1414	179
654	Bio-nanocomposites for food packaging applications. 2013 , 38, 1629-1652	1198
653	Biodegradation, cytocompatability and performance studies of vegetable oil based hyperbranched polyurethane modified biocompatible sulfonated epoxy resin/clay nanocomposites. 2013 , 76, 1103-1111	27
652	Covalent grafting of carbon nanotubes to PLA in order to improve compatibility. 2013, 46, 61-68	42
651	Correlation of SiO x layer thickness and properties of BOPP/SiO x composite films with spin coating process parameters. 2013 , 31, 333-345	2
650	Technological Options of Packaging to Control Food Quality. 2013,	11
649	Nanoreinforcement of Pectin Film to Enhance its Functional Packaging Properties by Incorporating ZnO Nanoparticles. 2013 , 845, 451-456	8
648	Development and Characterization of Nanoclay-Modified Soy Resin-Based Jute Composite as an Eco-friendly/Green Product. 2013 , 52, 833-840	6
647	Biocomposites: Influence of Matrix Nature and Additives on the Properties and Biodegradation Behaviour. 2013 ,	7
646	Nanoparticles and Nanotechnology in Food. 2014 , 567-594	3
645	Effect of organically modified clay on mechanical properties, cytotoxicity and bactericidal properties of poly(?-caprolactone) nanocomposites. 2014 , 1, 045302	11
644	An Introduction to Food Nanotechnology. 2014 , 1-12	
643	Assessment of the antimicrobial activity of potentially active substances (nanoparticled and non-nanoparticled) against cheese-derived micro-organisms. 2014 , 67, 483-489	5

642	Pathways to Biodegradable Flame Retardant Polymer (Nano)Composites. 2014, 709-773	7
641	Mechanical and Thermal Stability Properties of Modified Rice Straw Fiber Blend with Polycaprolactone Composite. 2014 , 2014, 1-9	8
640	Physical Properties and Antimicrobial Activity of a Poly(Lactic Acid)/Poly(Trimethylene Carbonate) Film Incorporated with Thymol. 2014 , 884-885, 481-484	3
639	Physical Properties and Antimicrobial Activity of a Poly(lactic acid)/poly(Laprolactone) Film Antimicrobial Coating with Chitosan. 2014 , 900, 320-323	
638	Processing and Characterization of Nano-biocomposites Based on Mater-Bi ^[] with Layered Silicates. 2014 , 2, 42-51	1
637	Progress in barrier packaging materials: bio-based nanocomposites as barrier materials for food packaging applications. 2014 , 20-33	1
636	Barrier properties of polylactic acid/layered silicate nanocomposites for food contact applications. 2014 , 56, 896-906	9
635	Water Vapor Permeability, Optical and Mechanical Properties of Salep-Based Edible Film. 2014 , 38, 1812-182	20 18
634	Bio-nanocomposite Materials for Food Packaging Applications: Types of Biopolymer and Nano-sized Filler. 2014 , 2, 296-303	211
633	Recent Advances in Nanocomposites Based on Biodegradable Polymers and Nanocellulose. 2014 , 237-254	
632	In vivo toxicity evaluation of the migration extract of an organomodified clay-poly(lactic) acid nanocomposite. 2014 , 77, 731-46	17
631	Starch-based biofilm reinforced with empty fruit bunch cellulose nanofibre. 2014 , 18, S6-322-S6-325	15
630	Antimicrobial and conducting polymer substrate derived from hybrid structures of silver nanoparticles and multiwall carbon nanotubes. 2014 , 29, B59-B63	9
629	Nanotechnology for Food. 2014 , 171-205	4
628	The Application of Starch - Sodium Alginate Composite Coating on Transparent Paper for Food Packaging. 2014 , 893, 472-477	7
627	Nanocomposites films based on soy proteins and montmorillonite processed by casting. 2014 , 449, 15-26	102
627 626		102

(2014-2014)

624	Characterization of nanobiocomposite kappa-carrageenan film with Zataria multiflora essential oil and nanoclay. 2014 , 69, 282-9	81
623	Nanofibrillated cellulose reinforced acetylated arabinoxylan films. 2014 , 98, 72-78	20
622	Antimicrobial activity of alginate/clay nanocomposite films enriched with essential oils against three common foodborne pathogens. 2014 , 36, 1-7	138
621	Hybrid HPMC nanocomposites containing bacterial cellulose nanocrystals and silver nanoparticles. 2014 , 105, 285-92	83
620	The improvement of characteristics of biodegradable films made from kefiran-whey protein by nanoparticle incorporation. 2014 , 109, 118-25	86
619	Mechanical, thermal and barrier properties of nano-biocomposite based on gluten and carboxylated cellulose nanocrystals. 2014 , 53, 282-288	50
618	Nanocomposites Based on Matrices Extracted from Vegetable Oils and Bacterial Cellulose. 2014 , 63-78	1
617	Improved properties by hydrogen bonding interaction of poly(lactic acid)/palygorskite nanocomposites for agricultural products packaging. 2014 , 35, 468-476	4
616	Apple peel and carboxymethylcellulose-based nanocomposite films containing different nanoclays. 2014 , 79, E342-53	31
615	Antibacterial, mechanical, and barrier properties of sago starch film incorporated with Betel leaves extract. 2014 , 66, 254-9	113
614	Effects of essential oil on the water binding capacity, physico-mechanical properties, antioxidant and antibacterial activity of gelatin films. 2014 , 57, 556-561	86
613	Thermomechanical and morphological properties of nanocomposite films from wheat gluten matrix and cellulose nanofibrils. 2014 , 79, N100-7	25
612	Highly exfoliated eco-friendly thermoplastic starch (TPS)/poly (lactic acid)(PLA)/clay nanocomposites using unmodified nanoclay. 2014 , 110, 430-9	129
611	Characterization of the new biodegradable WPI/clay nanocomposite films based on kefiran exopolysaccharide. 2015 , 52, 3485-93	12
610	Effects of nano-clay type and content on the physical properties of sesame seed meal protein composite films. 2014 , 49, 1869-1875	29
609	Biopolymer-Based Composite Packaging Materials with Nanoparticles. 2014 , 413-442	24
608	Biopolymers for food packaging applications. 2014 , 476-509	26
607	Encapsulation of T4 bacteriophage in electrospun poly(ethylene oxide)/cellulose diacetate fibers. 2014 , 100, 150-7	78

606	Investigation of gelatin/multi-walled carbon nanotube nanocomposite films as packaging materials. 2014 , 2, 65-73	32
605	Antimicrobial and physical-mechanical properties of agar-based films incorporated with grapefruit seed extract. 2014 , 102, 708-16	161
604	Development of active gelatin-based nanocomposite films produced in an automatic spreader. 2014 , 63, 16-24	20
603	Supramolecular hybrid hydrogel based on host-guest interaction and its application in drug delivery. 2014 , 6, 19544-51	93
602	Gas Barrier Properties of Biopolymer-based Nanocomposites: Application in Food Packaging. 2014 , 369-384	1
601	Biopolymer-Based Lightweight Materials for Packaging Applications. 2014 , 239-255	18
600	Effect of nanoclay on physical, mechanical, and microbial degradation of jute-reinforced, soy milk-based nano-biocomposites. 2014 , 54, 345-354	8
599	Microfibrillated cellulose (MFC): pullulan bionanocomposite films. 2014 , 21, 4323-4335	29
598	Recent Advances in Polyolefins/Natural Polymer Blends Used for Packaging Application. 2014 , 53, 631-644	33
597	Bionanocomposites Assembled by E rom Bottom to Top[Method. 2014 , 389-447	
596	Preparation and characterization of carrageenan-based nanocomposite films reinforced with clay mineral and silver nanoparticles. 2014 , 97-98, 174-181	105
595	Processing of nanostructured polymers and advanced polymeric based nanocomposites. 2014 , 85, 1-46	165
594	Effect of cloisite 30B on the thermal and tensile behavior of poly(butylene adipate-co-terephthalate)/poly(vinyl chloride) nanoblends. 2014 , 71, 1483-1503	14
593	Non-isothermal crystallization kinetics of TiO2 nanoparticle-filled poly(ethylene terephthalate) with structural and chemical properties. 2014 , 71, 1539-1555	13
592	Development of a novel controlled-release nanocomposite based on poly(lactic acid) to increase the oxidative stability of soybean oil. 2014 , 31, 1586-97	26
591	Nanocomposite films and coatings using inorganic nanobuilding blocks (NBB): current applications and future opportunities in the food packaging sector. 2014 , 4, 29393-29428	79
590	Montmorillonite-levan nanocomposites with improved thermal and mechanical properties. 2014 , 101, 565-73	50
589	Morphology and gas transport properties of acrylic resin/bentonite nanocomposite coatings. 2014 , 77, 845-852	17

588	Nanomaterials: a Map for Their Selection in Food Packaging Applications. 2014 , 27, 839-866	41
587	Nanocellulose-based composites and bioactive agents for food packaging. 2014 , 54, 163-74	140
586	Smart/Intelligent Nanopackaging Technologies for the Food Sector. 2014 , 378-391	
585	Review of Mechanical Properties, Migration, and Potential Applications in Active Food Packaging Systems Containing Nanoclays and Nanosilver. 2015 , 14, 411-430	89
584	Polymers and Food Packaging: A Short Overview. 2015 , 1-8	3
583	Modification Strategies of Proteins for Food Packaging Applications. 2015 , 127-145	1
582	Inorganic-Organic Hybrid Polymers for Food Packaging. 2015 , 281-322	1
581	Shear-Induced Reinforcement Effect in Polymer/Fumed Silica Nanocomposites. 2015, 300, 960-965	3
580	Edible Active Coatings Based on Pectin, Pullulan, and Chitosan Increase Quality and Shelf Life of Strawberries (Fragaria ananassa). 2015 , 80, M1823-30	80
579	Preparation and Characterization of Composites Based on Polylactic Acid and Beeswax with Improved Water Vapor Barrier Properties. 2015 , 80, E2471-7	16
578	Effect of UV-Radiation on the Packaging-Related Properties of Whey Protein Isolate Based Films and Coatings. 2015 , 28, 883-899	22
577	Biofilms based on cassava starch containing extract of yerba mate as antioxidant and plasticizer. 2015 , 67, 780-789	74
576	Chitosan Nanoparticles for Generating Novel Systems for Better Applications: A Review. 2015, s4,	4
575	Cellulose - Chitosan Nanocomposites - Evaluation of Physical, Mechanical and Biological Properties. 2015 ,	2
574	. 2015,	4
573	Sustainability and Challenges of Minimally Processed Foods. 2015 , 279-295	4
572	Mechanical milling as a technology to produce structural and functional bio-nanocomposites. 2015 , 17, 2610-2625	108
571	Food nanotechnology and nano food safety. 2015 ,	7

570	Bioplastics and food packaging: A review. 2015 , 1, 1117749	102
569	Effects of preparation method on properties of poly(butylene adipate-co-terephthalate) films. 2015 , 24, 1679-1685	40
568	A review of the recent advances in starch as active and nanocomposite packaging films. 2015 , 1, 1115640	26
567	The effect of polyhexamethylene guanidine hydrochloride on biofilm formation on polylactide and polyhydroxybutyrate composites. 2015 , 98, 1-5	13
566	Extraction of Cellulose Nanofibers from Cotton Linter and Their Composites. 2015 , 145-164	2
565	Nanocomposite coatings: thermal spray processing, microstructure and performance. 2015 , 60, 195-244	45
564	Morphological analysis of polymer systems with broad particle size distribution. 2015 , 42, 8-16	13
563	New nanocomposite design from zeolite and poly(lactic acid). 2015 , 72, 107-118	20
562	Experimental and Mathematical Assessment of Migration from Multilayer Food Packaging Containing a Novel Clay/Polymer Nanocomposite. 2015 , 8, 382-393	24
561	Diffusion modeling in polymertlay nanocomposites for food packaging applications through finite element analysis of TEM images. 2015 , 482, 92-102	23
560	Development of biobased polymer/clay nanocomposites. 2015 , 101-132	12
559	Effect of antioxidants and light stabilisers on silver migration from nanosilver-polyethylene composite packaging films into food simulants. 2015 , 32, 1561-6	17
558	Flexible sericin/polyvinyl alcohol/clay blend films. 2015 , 16, 761-768	17
557	Engineered Nanomaterials in the Food Sector. 2015 , 579-616	1
556	Safety assessment of nanocomposite for food packaging application. <i>Trends in Food Science and Technology</i> , 2015 , 45, 187-199	135
555	Formation and oxygen diffusion barrier properties of fish gelatin/natural sodium montmorillonite clay self-assembled multilayers onto the biopolyester surface. 2015 , 5, 61465-61480	3
554	Gelatin films dendronized selectively on one side: enhancing antimicrobial properties and water repellence. 2015 , 72, 3043-3062	9
553	ZnO nanoparticles favours heterogeneous nucleation in PETIZnO nanocomposites. 2015 , 95, 2306-2322	2

(2015-2015)

552	Mechanical and thermal properties of microcrystalline cellulose-reinforced soy protein isolateBelatin eco-friendly films. 2015 , 5, 56518-56525	36
551	Biodegradable Starch Nanocomposites. 2015 , 17-77	23
550	A comparison study on the preparation of nanocellulose fibrils from fibers and parenchymal cells in bamboo (Phyllostachys pubescens). 2015 , 71, 80-88	58
549	Antimicrobial nanostructured starch based films for packaging. 2015 , 129, 127-34	180
548	Thermal Degradation of Bio-nanocomposites. 2015 , 221-245	2
547	Novel nanocomposites based on fatty acid modified cellulose nanofibers/poly(lactic acid): Morphological and physical properties. 2015 , 5, 21-31	75
546	Nano-developments for Food Packaging and Labeling Applications. 2015, 141-166	8
545	Evaluation of crystallinity and gas barrier properties of films obtained from PLA nanocomposites synthesized via in situipolymerization of l-lactide with silane-modified nanosilica and montmorillonite. 2015 , 66, 478-491	46
544	Characterization of cetylpyridinium bromide-modified montmorillonite incorporated cellulose acetate nanocomposite films. 2015 , 50, 3772-3780	9
543	Mechanical Behavior of StarchCarbon Nanotubes Composites. 2015 , 141-171	3
542	Investigation on sodium benzoate release from poly(butylene adipate-co-terephthalate)/organoclay/sodium benzoate based nanocomposite film and their antimicrobial activity. 2015 , 80, E602-9	28
541	Rouse mode analysis of chain relaxation in polymer nanocomposites. 2015 , 11, 4123-32	63
540	Review of nanomaterial aging and transformations through the life cycle of nano-enhanced products. 2015 , 77, 132-47	277
539	Dispersion of halloysite loaded with natural antimicrobials into pectins: Characterization and controlled release analysis. 2015 , 127, 47-53	123
538	Safety Aspects of Nanotechnology Applications in Food Packaging. 2015 , 5, 57-60	50
537	Strong reinforcing effects from galactoglucomannan hemicellulose on mechanical behavior of wet cellulose nanofiber gels. 2015 , 50, 7413-7423	27
536	Novel LDPE/halloysite nanotube films with sustained carvacrol release for broad-spectrum antimicrobial activity. 2015 , 5, 87108-87117	47
535	A review: Starch-based composite foams. 2015 , 78, 246-263	106

534	Eco-Friendly Chitosan-Based Nanocomposites: Chemistry and Applications. 2015 , 341-386	9
533	Cassava starchRaolinite composite films. Thermal and mechanical properties related to fillerThatrix interactions. 2015 , 36, 184-191	5
532	Antibacterial and antifungal LDPE films for active packaging. 2015 , 26, 110-116	47
531	Nanomanifestations of Cellulose: Applications for Biodegradable Composites. 2015 , 229-248	3
530	Preparation, characterization and utilization of starch nanoparticles. 2015 , 126, 607-20	239
529	Preparation and Characterization of PVA/ZnO Nanocomposite. 2015 , 39, 1442-1451	65
528	Food packaging bags based on thermoplastic corn starch reinforced with talc nanoparticles. 2015 , 43, 18-24	112
527	Novel trends to revolutionize preservation and packaging of fruits/fruit products: microbiological and nanotechnological perspectives. 2015 , 55, 159-82	39
526	The use of biobased nanofibres in composites. 2015 , 571-647	14
525	Whey protein isolate biodegradable films: Influence of the citric acid and montmorillonite clay nanoparticles on the physical properties. 2015 , 43, 252-258	45
524	Chitosan films and blends for packaging material. 2015 , 116, 237-42	272
523	Nanostructured Materials Utilized in Biopolymer-based Plastics for Food Packaging Applications. 2015 , 55, 1699-723	100
522	LDPE/clay/carvacrol nanocomposites with prolonged antimicrobial activity. 2015, 132,	31
521	Preparation of cotton linter nanowhiskers by high-pressure homogenization process and its application in thermoplastic starch. 2015 , 5, 281-290	28
520	Tunicate cellulose nanocrystals: preparation, neat films and nanocomposite films with glucomannans. 2015 , 117, 286-296	83
519	Characterization of tara gum edible films incorporated with bulk chitosan and chitosan nanoparticles: A comparative study. 2015 , 44, 309-319	157
518	Effect of Halloysite Nanoclay Concentration and Addition of Glycerol on Mechanical Properties of Bionanocomposite Films. 2016 , 24, 795-802	10
517	Biobased Polymer Packaging. 2016 ,	2

(2016-2016)

516	Thermoplastic Starch (TPS)-Cellulosic Fibers Composites: Mechanical Properties and Water Vapor Barrier: A Review. 2016 ,	12
515	Polymer-clay Nanocomposites, Preparations and Current Applications: A Review. 2016 , 1, 83-95	12
514	Innovative Biobased Materials for Packaging Sustainability. 2016 , 167-189	7
513	Novel Applications of Potatoes. 2016 , 627-649	2
512	Novel nanoparticle materials for drug/food delivery-polysaccharides. 2016 , 1,	3
511	Antimicrobial Packaging of Beverages. 2016 , 281-296	1
510	Antimicrobial Treatment of Different Metal Oxide Nanoparticles: A Critical Review. 2016 , 63, 385-393	77
509	Starch-g-lactic acid/montmorillonite nanocomposite: Synthesis, characterization and controlled drug release study. 2016 , 68, 177-187	48
508	Effect of electron beam irradiation on the properties of polylactic acid/montmorillonite nanocomposites for food packaging applications. 2016 , 133, n/a-n/a	19
507	Optimization and preparation of Methylcellulose edible film combined with of Ferulago angulata essential oil (FEO) nanocapsules for food packaging applications. 2016 , 31, 341-349	7
506	8. Novel nanoparticle materials for drug/food delivery-polysaccharides. 2016 , 159-190	
505	Polyethylene/Polyhydroxyalkanoates-based Biocomposites and Bionanocomposites. 2016 , 201-278	1
504	The Feasibility of Thermophilic Caldimonas manganoxidans as a Platform for Efficient PHB Production. 2016 , 180, 852-871	9
503	Tocopherol-mediated synthesis of silver nanoparticles and preparation of antimicrobial PBAT/silver nanoparticles composite films. 2016 , 72, 149-156	74
502	Comparative study on properties of edible films based on pinh® (Araucaria angustifolia) starch and flour. 2016 , 60, 279-287	42
501	PDLC composites based on polyvinyl boric acid matrix (a promising pathway towards biomedical engineering. 2016 , 43, 1973-1985	29
500	Preparation and characterization of novel clay/scleroglucan nanocomposites. 2016, 126, 235-244	7
499	Biodegradable polymer nanocomposites: An overview. 2016 , 56, 287-328	71

498	Fabrication and characterization of soluble soybean polysaccharide and nanorod-rich ZnO bionanocomposite. 2016 , 89, 369-75	31
497	Sustainable packaging technology to improve food safety. 2016 , 60, 9:1-9:7	2
496	Structure and properties of the poly(vinyl alcohol-co-ethylene)/montmorillonite-phosphorylated soybean protein isolate barrier film. 2016 , 6, 29294-29302	8
495	Antimicrobial PLA films from environment friendly additives. 2016 , 102, 94-99	74
494	Outlook and Challenges of Nanotechnologies for Food Packaging. 2016 , 29, 615-648	65
493	Halloysite nanotubes loaded with peppermint essential oil as filler for functional biopolymer film. 2016 , 152, 548-557	139
492	Nanotechnology in Food Packaging. 2016 , 151-183	24
491	Nanotechnological Applications in Food Packaging, Sensors and Bioactive Delivery Systems. 2016 , 59-128	9
490	Nanobiotechnology Methods to Incorporate Bioactive Compounds in Food Packaging. 2016 , 27-58	5
489	Bionanocomposite Materials Based on Chitosan Reinforced with Nanocrystalline Cellulose and Organo-Modified Montmorillonite. 2016 , 167-194	5
488	Smart packaging solutions encompassing nanotechnology. 2016 , 265-284	
487	Nanocomposite for food encapsulation packaging. 2016 , 421-454	2
486	Starch nanomaterials: a state-of-the-art review and future trends. 2016 , 237-269	
485	Metallic Nanoparticles in the Food Industry. 2016 , 57-86	
484	Combinational Approaches for Antimicrobial Packaging. 2016 , 599-608	2
483	Fire Resistance Cellulosic Fibers for Biocomposites. 2016 , 365-384	2
482	Physical and mechanical properties of PLA, and their functions in widespread applications - A comprehensive review. 2016 , 107, 367-392	1194
481	TiO2/EVOH based reactive interlayer in Surlyn for organic device encapsulation. 2016 , 3, 025302	9

(2016-2016)

480	Edible bio-nano-hybrid coatings for food protection based on pectins and LDH-salicylate: Preparation and analysis of physical properties. 2016 , 69, 139-145	51
479	Modification of flax fiber surface and its compatibilization in polylactic acid/flax composites. 2016 , 25, 25-35	40
478	Nanotechnology: a future tool to improve quality and safety in meat industry. 2016, 53, 1739-49	41
477	Preparation and characterization of bionanocomposite films reinforced with nano kaolin. 2016 , 53, 1111-9	37
476	Biodegradable Polymeric Films Incorporated with Nisin: Characterization and Efficiency against Listeria monocytogenes. 2016 , 9, 958-969	14
475	High performance nature of biodegradable polymeric nanocomposites for oil-well drilling fluids. 2016 , 25, 281-291	25
474	Emerging trends in eco-compliant, synergistic, and hybrid assembling of multifunctional polymeric bionanocomposites. 2016 ,	2
473	Effect of nanocomposite-based packaging on storage stability of mushrooms (Flammulina velutipes). 2016 , 33, 489-497	57
472	High Pressure Effects on Packaging Materials. 2016 , 73-93	5
471	Antimicrobial potential of commercial silver nanoparticles and the characterization of their physical properties toward probiotic bacteria isolated from fermented milk products. 2016 , 51, 222-9	8
470	A Selective and Purification-Free Strategy for Labeling Adherent Cells with Inorganic Nanoparticles. 2016 , 8, 6336-43	5
469	Poly(lactic acid) melt-spun fibers reinforced with functionalized cellulose nanocrystals. 2016 , 6, 9221-9231	51
468	Potentials of Fibrous and Nonfibrous Materials in Biodegradable Packaging. 2016 , 75-113	4
467	Development of edible films and coatings from alginates and carrageenans. 2016 , 137, 360-374	310
466	Efficacy of activated alginate-based nanocomposite films to control Listeria monocytogenes and spoilage flora in rainbow trout slice. 2016 , 53, 521-30	25
465	Combination of beeswax and nanoclay on barriers, sorption isotherm and mechanical properties of hydroxypropyl methylcellulose-based composite films. 2016 , 65, 222-227	44
464	Novel active packaging based on films of chitosan and chitosan/quinoa protein printed with chitosan-tripolyphosphate-thymol nanoparticles via thermal ink-jet printing. 2016 , 52, 520-532	58
463	Nanocomposite Materials for Food Packaging Applications: Characterization and Safety Evaluation. 2016 , 8, 35-51	76

462	Use of encapsulated bacteriophages to enhance farm to fork food safety. 2017 , 57, 2801-2810	22
461	Non-isothermal crystallization kinetics of PEG plasticized PLA/G-POSS nanocomposites. 2017 , 38, 1378-1389	17
460	Development and characterization of novel polybutylene nanocomposites. 2017 , 51, 95-108	2
459	Fabrication of polymer nanocomposites via ball milling: Present status and future perspectives. 2017 , 86, 75-126	113
458	Ring-Opening Polymerization of ECaprolactone Initiated by Aluminium Complexes Based on Pyridine-Substituted Asymmetric EDiketiminate Ligands. 2017 , 2017, 1320-1327	7
457	Synthesis of Soy Protein Based Biocomposites for Packaging Applications. 2017 , 143-166	1
456	Spreading and hole formation in natural oil films on aqueous solutions. 2017 , 520, 796-804	2
455	Scratch behavior of epoxy coating containing self-assembled zirconium phosphate smectic layers. 2017 , 112, 252-263	33
454	Interface Interaction of Jute Fiber Reinforced PLA Biocomposites for Potential Applications. 2017, 285-307	8
453	Pectins functionalized biomaterials; a new viable approach for biomedical applications: A review. 2017 , 101, 254-272	148
452	Polypyrrole/nanocellulose composite for food preservation: Barrier and antioxidant characterization. 2017 , 12, 1-8	33
451	Critical review of the migration potential of nanoparticles in food contact plastics. <i>Trends in Food Science and Technology</i> , 2017 , 63, 39-50	115
450	Genotoxicity of Nanomaterials in Food. 2017 , 141-180	O
449	Environmental friendly food nano-packaging. 2017 , 15, 205-221	91
448	Polymer Nanocomposites for Food Packaging. 2017 , 119-147	7
447	Packaging of Dried Dairy Products. 2017 , 229-248	1
446	New approaches and future aspects of antibacterial food packaging: from nanoparticles coating to nanofibers and nanocomposites, with foresight to address the regulatory uncertainty. 2017 , 533-565	9
445	Polymer Nanocomposites for Biomedical and Biotechnology Applications. 2017 , 57-76	8

444	Effect of Morphology and Size of Halloysite Nanotubes on Functional Pectin Bionanocomposites for Food Packaging Applications. 2017 , 9, 17476-17488	223
443	Nanoantimicrobials in Food Industry. 2017 , 223-243	9
442	Packaging, blessing in disguise. Review on its diverse contribution to food sustainability. <i>Trends in Food Science and Technology</i> , 2017 , 65, 32-39	98
441	A review on synthesis, properties and applications of natural polymer based carrageenan blends and composites. 2017 , 96, 282-301	183
440	Assessment of kinetic release of thymol from LDPE nanocomposites obtained by supercritical impregnation: Effect of depressurization rate and nanoclay content. 2017 , 93, 294-306	19
439	Advances in bio-nanocomposite materials for food packaging: a review. 2017 , 47, 591-606	53
438	Production and characterization of a new biodegradable fenugreek seed gum based active nanocomposite film reinforced with nanoclays. 2017 , 103, 669-675	35
437	Nanocomposites based on esterified colophony and halloysite clay nanotubes as consolidants for waterlogged archaeological woods. 2017 , 24, 3367-3376	52
436	Barrier Nanomaterials and Nanocomposites for Food Packaging. 2017 , 167-176	
435	Nanostructured bioactive compounds for ecological food packaging. 2017 , 15, 193-204	40
434	Creating extended antimicrobial property in paper by means of Ag and nanohybrids of montmorillonite (MMT). 2017 , 71, 445-454	3
433	Application of permselective poly(Etaprolactone) film for equilibrium-modified atmosphere packaging of strawberry in cold storage. 2017 , 41, e13247	22
432	The effects of organoclay on the morphology and mechanical properties of PAI/clay nanocomposites coatings prepared by the ultrasonication assisted process. 2017 , 38, 306-316	10
431	Cellulose Nanofibrils from Nonderivatizing Urea-Based Deep Eutectic Solvent Pretreatments. 2017 , 9, 2846-2855	92
430	Environmental and energy analysis of biopolymer film based on cassava starch in Brazil. 2017, 143, 76-89	30
429	Influence of Chitosan Nanocomposite and Rosemary (Rosmarinus officinalis L.) Extract Coating on Quality of Huso huso Fillet Inoculated with Listeria monocytogenes During Refrigerated Storage. 2017 , 26, 675-685	7
428	Quality improvement of rainbow trout fillets by whey protein isolate coatings containing electrospun poly(Laprolactone) nanofibers with Urtica dioica L. extract during storage. 2017 , 78, 340-351	35
427	PVA, PVA Blends, and Their Nanocomposites for Biodegradable Packaging Application. 2017 , 56, 1307-1344	104

426	Effect of Varying Filler Concentration on Zinc Oxide Nanoparticle Embedded Chitosan Films as Potential Food Packaging Material. 2017 , 25, 1087-1098	54
425	Food Forensics Cases Related to Nano and Novel/Intelligent Foods, Feeds and Agroproducts. 2017 , 177-207	
424	Performance evaluation of a novel food packaging material based on clay/polyvinyl alcohol nanocomposite. 2017 , 43, 216-222	15
423	Nanotechnology Applications in the Food Industry. 2017 , 153-171	6
422	Nanotechnology and Shelf-Life of Animal Foods. 2017 , 35-43	1
421	Nanotechnology Applications in Food Packaging Industry. 2017 , 87-113	4
420	Environmental performance of bio-based and biodegradable plastics: the road ahead. 2017 , 46, 6855-6871	316
419	Nanotechnology Applied to the Dairy Sector. 2017 , 314-327	
418	Poly (Lactic Acid) Nanocomposites Reinforced with Different Additives. 2017 , 495-522	
417	Chitin and Chitosan-Based (NANO) Composites. 2017 , 671-700	3
416	Nanomaterial Impact, Toxicity and Regulation in Agriculture, Food and Environment. 2017, 205-242	6
415	Poly(lactic acid)/starch composites: Effect of microstructure and morphology of starch granules on performance. 2017 , 134, 45504	15
414	New Technologies for Nanoparticles Detection in Foods. 2017 , 305-341	1
413	Chitosan nanoparticles as a modified diclofenac drug release system. 2017 , 19, 1	10
412	Effect of Filler Properties on the Antioxidant Response of Thermoplastic Starch Composites. 2017 , 337-369	27
411	Packaging Composite Materials from Renewable Resources. 2017 , 525-561	
410	Strategies to Improve the Functionality of Starch-Based Films. 2017 , 311-337	1
409	Biodegradable Composites Based on Thermoplastic Starch and Talc Nanoparticles. 2017 , 23-59	2

408	Rheology, Mechanical Properties, and Barrier Properties of Poly(lactic acid). 2017, 303-341	12
407	Nanotechnology applied to the enhancement of oil and gas productivity and recovery of Colombian fields. 2017 , 157, 39-55	81
406	A novel solution blending method for using olive oil and corn oil as plasticizers in chitosan based organoclay nanocomposites. 2017 , 157, 550-557	40
405	ZnO/PBAT nanocomposite films: Investigation on the mechanical and biological activity for food packaging. 2017 , 28, 20-27	67
404	An overview on PET waste recycling for application in packaging. 2017 , 21, 1-24	50
403	Nanocellulose-Polymer Composites for Applications in Food Packaging: Current Status, Future Prospects and Challenges. 2017 , 56, 805-823	68
402	Thermal, structural and mechanical analysis of polymer/clay nanocomposites with controlled degradation. 2017 , 127, 389-398	14
401	Evaluation of physicochemical/microbial properties and life cycle assessment (LCA) of PLA-based nanocomposite active packaging. 2017 , 75, 305-315	48
400	Mechanical and thermal properties of PLA/halloysite bio-nanocomposite films: effect of halloysite nanoclay concentration and addition of glycerol. 2017 , 37, 381-389	8
399	A novel active packaging material based on starch-halloysite nanocomposites incorporating antimicrobial peptides. 2017 , 63, 561-570	78
398	Antimicrobial nanotechnology: research implications and prospects in food safety. 2017, 125-165	4
397	Morphology and properties of neutralized chitosan-cellulose nanocrystals biocomposite films. 2017 , 156, 452-459	39
396	Bionanocomposites for Food Packaging Applications. 2017, 363-379	24
395	The influence of nanofillers on physicaldhemical properties of polysaccharide-based film intended for food packaging. 2017 , 637-697	14
394	Processing and Properties of PCL/Cotton Linter Compounds. 2017, 20, 317-325	14
393	Encapsulation of sensors for intelligent packaging. 2017 , 111-145	5
392	Biopolymer/clay nanocomposites as the high barrier packaging material: recent advances. 2017, 425-463	7
391	Application of a Surimi-Based Coating to Improve the Quality Attributes of Shrimp during Refrigerated Storage. 2017 , 6,	4

390	Improvement of Food Packaging-Related Properties of Whey Protein Isolate-Based Nanocomposite Films and Coatings by Addition of Montmorillonite Nanoplatelets. 2017 , 4,	12
389	Influence of Montmorillonite Nanoclay Content on the Optical, Thermal, Mechanical, and Barrier Properties of Low-Density Polyethylene. 2017 , 65, 387-397	14
388	Applications. 2017 , 105-212	
387	Nanometals appraisal in food preservation and food-related activities. 2017 , 487-526	4
386	Preparation of Cellulose Nanofibers Reinforced Polyether-b-Amide Nanocomposite. 2017, 12,	5
385	Barrier properties improvement using additives. 2017 , 465-495	4
384	Effect of whey protein isolate films incorporated with montmorillonite and citric acid on the preservation of fresh-cut apples. 2018 , 107, 306-313	34
383	Preparation and Characterization of Microcrystalline Cellulose from Sacred Bali Bamboo as Reinforcing Filler in Seaweed-based Composite Film. 2018 , 19, 423-434	29
382	The production of poly(3-hydroxybutyrate) by thermophilic Caldimonas manganoxidans from glycerol. 2018 , 25, 1	10
381	UV-screening, transparency and water barrier properties of semi refined iota carrageenan packaging film incorporated with ZnO nanoparticles. 2018 ,	19
380	Recent progress in biodegradable polymers and nanocomposite-based packaging materials for sustainable environment. 2018 , 23, 383-395	170
379	The Antimicrobial Behavior of Polyelectrolyte Chitosan-Styrene Maleic Anhydride Nano Composites. 2018 , 26, 418-425	5
378	Physicochemical and mechanical properties of pectin-carbon nanotubes films produced by chemical bonding. 2018 , 16, 8-14	15
377	Microfibrillated cellulose addition improved the physicochemical and bioactive properties of biodegradable films based on soy protein and clove essential oil. 2018 , 79, 416-427	61
376	Feasibility of biodegradable based packaging used for red meat storage during shelf-life: A pilot study. 2018 , 249, 22-29	35
375	Delamination of Mg-Al Layered Double Hydroxide on Starch: Change in Structural and Thermal Properties. 2018 , 57, 1585-1591	4
374	Nanohybrid Active Fillers in Food Contact Bio-based Materials. 2018, 71-94	5
373	Nanotechnology: current uses and future applications in the food industry. 2018 , 8, 74	84

(2018-2018)

372	Sodium caseinate-starch-modified montmorillonite based biodegradable film: Laboratory food extruder assisted exfoliation and characterization. 2018 , 15, 17-27	6
371	Nanotechnology in the Food Industry. 2018 , 87-128	7
370	Preparation and characterization of nanocomposite films from oil palm pulp nanocellulose/poly (Vinyl alcohol) by casting method. 2018 , 191, 103-111	50
369	Use of Red Beet (Beta vulgaris L.) for Antimicrobial Applications Critical Review. 2018, 11, 17-42	20
368	Aluminum-doped zinc oxide coatings on polylactic acid films for antimicrobial food packaging. 2018 , 645, 187-192	49
367	Effect of SiO, PVA and glycerol concentrations on chemical and mechanical properties of alginate-based films. 2018 , 107, 2686-2694	47
366	Development of nanocellulose-reinforced PLA nanocomposite by using maleated PLA (PLA-g-MA). 2018 , 31, 1090-1101	33
365	Functional Biopolymer Composites. 2018 , 159-182	5
364	Nanomaterials for agriculture, food and environment: applications, toxicity and regulation. 2018 , 16, 43-58	96
363	Perspectives of Bio-nanocomposites for Food Packaging Applications. 2018 , 1-32	11
362	Chitosan-Based Bionanocomposite for Packaging Applications. 2018 , 107-124	
361	The bio-touch: Increasing coating functionalities via biomass-derived components. 2018, 341, 2-14	4
360	Classification and Operating Principles of Nanodevices. 2018 , 147-206	
359	Starch-graphene oxide bionanocomposites prepared through melt mixing. 2018 , 135, 46037	13
358	Layer Double Hydroxide Reinforced Polymer Bionanocomposites for Packaging Applications. 2018 , 269-290	3
357	Effects of film constituents on packaging-relevant properties of sodium caseinate-based emulsion films. 2018 , 114, 250-258	17
356	Chemical and biology aging of novel green membranes made of PVA and wood flour fibers reinforced with nanosilica manufactured by compression molding process. 2018 , 23, 156-169	11
355	Sustainable Packaging and the Circular Economy: An EU Perspective. 2018,	5

354	. 2018,	7
353	Chitosan-Based Edible Membranes for Food Packaging. 2018 , 237-267	1
352	Critical review on agrowaste cellulose applications for biopolymers. 2018 , 22, 185-216	41
351	Chitosan-Based Nanocomposites in Food Packaging. 2018 , 269-285	2
350	Production and characterization of chitosan and glycerol-chitosan films. 2018 , 3, 3601-3610	4
349	Effect of the Strength of Attraction Between Nanoparticles on Wormlike Micelle- Nanoparticle System. 2018 , 3, 31	O
348	Desalination. 2018 , 1-34	1
347	Bionanocomposite Films for Food Packaging Applications. 2018,	20
346	Tunable Physicochemical and Bactericidal Activity of Multicarboxylic-Acids-Crosslinked Polyvinyl Alcohol Membrane for Food Packaging Applications. 2018 , 3, 11167-11176	19
345	Polymeric Nanocomposites and Nanocoatings for Food Packaging: A Review. 2018 , 11,	113
345	Polymeric Nanocomposites and Nanocoatings for Food Packaging: A Review. 2018, 11, Nanoparticules et alimentation: un risque Ehergent en sant[humaine?. 2018, 53, 312-321]	113
344	Nanoparticules et alimentation : un risque linergent en sant[humaine ?. 2018, 53, 312-321	3
344	Nanoparticules et alimentation: un risque libergent en sant/humaine?. 2018, 53, 312-321 Applications of Nanomaterials in Agriculture and Food Industry. 2018, 343-375 Microfluidic Production of Poly(1,6-hexanediol diacrylate)-Based Polymer Microspheres and	3
344 343 342	Nanoparticules et alimentation : un risque libergent en sant [humaine ?. 2018, 53, 312-321] Applications of Nanomaterials in Agriculture and Food Industry. 2018, 343-375 Microfluidic Production of Poly(1,6-hexanediol diacrylate)-Based Polymer Microspheres and Bifunctional Microcapsules with Embedded TiO Nanoparticles. 2018, 34, 11822-11831 Enhanced Crystallization Properties of Poly(lactic acid) Nanocomposites Assisted by	3 3 11
344 343 342 341	Nanoparticules et alimentation : un risque Ehergent en sant[humaine ?. 2018, 53, 312-321 Applications of Nanomaterials in Agriculture and Food Industry. 2018, 343-375 Microfluidic Production of Poly(1,6-hexanediol diacrylate)-Based Polymer Microspheres and Bifunctional Microcapsules with Embedded TiO Nanoparticles. 2018, 34, 11822-11831 Enhanced Crystallization Properties of Poly(lactic acid) Nanocomposites Assisted by Poly(amidoamine) Functionalized Graphene Oxide. 2018, 7, M139-M144	3 3 11 3
344 343 342 341 340	Nanoparticules et alimentation: un risque libergent en sant/humaine?. 2018, 53, 312-321 Applications of Nanomaterials in Agriculture and Food Industry. 2018, 343-375 Microfluidic Production of Poly(1,6-hexanediol diacrylate)-Based Polymer Microspheres and Bifunctional Microcapsules with Embedded TiO Nanoparticles. 2018, 34, 11822-11831 Enhanced Crystallization Properties of Poly(lactic acid) Nanocomposites Assisted by Poly(amidoamine) Functionalized Graphene Oxide. 2018, 7, M139-M144 An Introduction to Nanomaterials. 2018, 1-58 Bacterial cellulose nanofibers as reinforce in edible fish myofibrillar protein nanocomposite films.	3 3 11 3

336	Montmorillonite clay nanocomposites for drug delivery. 2018 , 633-648	4
335	Inorganic-Based Nanostructures and Their Use in Food Packaging. 2018 , 13-45	6
334	Facile and green fabrication of silk sericin films reinforced with bamboo-derived cellulose nanofibrils. 2018 , 200, 1034-1042	30
333	Palladium nanoparticles immobilized on halloysite nanotubes covered by a multilayer network for catalytic applications. 2018 , 42, 13938-13947	36
332	Application of Nanotechnology to Enhance the Nutrient Quality of Food Crops and Agricultural Production. 2018 , 453-472	1
331	Novel Approaches of Nanotechnology in Agro and Food Processing. 2018 , 271-291	1
330	Biopolymer reinforced nanocomposites: A comprehensive review. 2018 , 16, 353-363	97
329	Sustainable Packaging. 2018 , 275-307	6
328	Bio-Based Nanocomposites for Food Packaging and Their Effect in Food Quality and Safety. 2018 , 271-306	11
327	Effect of active lipid-based coating incorporated with nanoclay and orange peel essential oil on physicochemical properties of. 2018 , 6, 1508-1518	11
326	Gas Transport Through Polymer Bio-nanocomposites. 2018 , 615-632	
325	Poly(lactic acid) (PLA) Based Tear Resistant and Biodegradable Flexible Films by Blown Film Extrusion. 2018 , 11,	54
324	Surface dependent enhancement in water vapor permeation through nanochannels. 2018, 143, 4256-4266	9
323	Improvements in the oxygen barrier property of polypropylene nanocomposites. 2018 , 29, 2655-2664	1
322	Starch nanoparticle incorporation in latex-based adhesives. 2018 , 106, 128-138	17
321	Nanocellulose-polypyrrole-coated paperboard for food packaging application. 2018 , 123, 128-133	24
320	Bio-inspired nanomaterials in agriculture and food: Current status, foreseen applications and challenges. 2018 , 123, 196-200	35
319	Silicium-Based Nanocomposite Materials for Food Packaging Applications. 2018 , 175-207	1

318	Polymer/Graphene Nanocomposites for Food Packaging. 2018, 251-267	4
317	Effect of pressure and time on scCO2-assisted incorporation of thymol into LDPE-based nanocomposites for active food packaging. 2018 , 26, 434-444	15
316	Toughening and stiffening of starch food extrudates through the addition of cellulose fibres and minerals. 2018 , 84, 515-528	9
315	Biodegradable Packaging Materials. 2018 , 688-697	5
314	Ecofriendly Synthesis of Metal/Metal Oxide Nanoparticles and Their Application in Food Packaging and Food Preservation. 2018 , 197-216	5
313	Novel Packaging Systems in Food. 2019 , 484-491	2
312	Influence of the concentration of copper nanoparticles on the thermo-mechanical and antibacterial properties of nanocomposites based on poly(butylene adipate-co-terephthalate). 2019 , 40, 1870-1882	10
311	Manufacture of Hydrophobic Nanocomposite Films with High Printability. 2019 , 7, 15404-15412	11
310	Nanocellulose-Polymer Composites: Novel Materials for Food Packaging Applications. 2019 , 553-599	7
309	Organic nanocomposites for the delivery of bioactive molecules. 2019 , 471-493	1
309	Organic nanocomposites for the delivery of bioactive molecules. 2019 , 471-493 Polylactic Acid-Based Nanocomposites: An Important Class of Biodegradable Composites. 2019 , 221-231	1
		74
308	Polylactic Acid-Based Nanocomposites: An Important Class of Biodegradable Composites. 2019 , 221-231 Preparation of chitosan/zinc oxide/Melissa officinalis essential oil nano-composite film and evaluation of physical, mechanical and antimicrobial properties by response surface method. 2019 ,	
308	Polylactic Acid-Based Nanocomposites: An Important Class of Biodegradable Composites. 2019, 221-231 Preparation of chitosan/zinc oxide/Melissa officinalis essential oil nano-composite film and evaluation of physical, mechanical and antimicrobial properties by response surface method. 2019, 79, 106004 Properties of soy protein isolate/nano-silica films and their applications in the preservation of	74
308 307 306	Polylactic Acid-Based Nanocomposites: An Important Class of Biodegradable Composites. 2019, 221-231 Preparation of chitosan/zinc oxide/Melissa officinalis essential oil nano-composite film and evaluation of physical, mechanical and antimicrobial properties by response surface method. 2019, 79, 106004 Properties of soy protein isolate/nano-silica films and their applications in the preservation of Flammulina velutipes. 2019, 43, e14177 Fabrication of Cellulose Nanocrystal/Silver/Alginate Bionanocomposite Films with Enhanced	74 9
308 307 306 305	Polylactic Acid-Based Nanocomposites: An Important Class of Biodegradable Composites. 2019, 221-231 Preparation of chitosan/zinc oxide/Melissa officinalis essential oil nano-composite film and evaluation of physical, mechanical and antimicrobial properties by response surface method. 2019, 79, 106004 Properties of soy protein isolate/nano-silica films and their applications in the preservation of Flammulina velutipes. 2019, 43, e14177 Fabrication of Cellulose Nanocrystal/Silver/Alginate Bionanocomposite Films with Enhanced Mechanical and Barrier Properties for Food Packaging Application. 2019, 9,	74 9 44
308 307 306 305 304	Polylactic Acid-Based Nanocomposites: An Important Class of Biodegradable Composites. 2019, 221-231 Preparation of chitosan/zinc oxide/Melissa officinalis essential oil nano-composite film and evaluation of physical, mechanical and antimicrobial properties by response surface method. 2019, 79, 106004 Properties of soy protein isolate/nano-silica films and their applications in the preservation of Flammulina velutipes. 2019, 43, e14177 Fabrication of Cellulose Nanocrystal/Silver/Alginate Bionanocomposite Films with Enhanced Mechanical and Barrier Properties for Food Packaging Application. 2019, 9, Applications of Green Polymeric Composite Materials. 2019, 161-174	74 9 44

300	Utility of Nanomaterials in Food Safety. 2019 , 285-318	7
299	Comparative Study of the Antimicrobial Effect of Nanocomposites and Composite Based on Poly(butylene adipate-co-terephthalate) Using Cu and Cu/CuO Nanoparticles and CuSO. 2019 , 14, 158	13
298	Protection of foods against oxidative deterioration using edible films and coatings: A review. 2019 , 32, 100451	51
297	PLA/MMT and PLA/Halloysite Bio-Nanocomposite Films: Mechanical, Barrier, and Transparency. 2019 , 59, 77-93	15
296	Biodegradation Behavior of Poly (Lactic Acid) (PLA), Poly (Butylene Adipate-Co-Terephthalate) (PBAT), and Their Blends Under Digested Sludge Conditions. 2019 , 27, 2784-2792	18
295	Recent advances and challenges on applications of nanotechnology in food packaging. A literature review. 2019 , 134, 110814	63
294	Improvement of Food Packaging Based on Functional Nanomaterial. 2019, 309-344	7
293	Surface Modification of Aluminum Nitride to Fabricate Thermally Conductive poly(Butylene Succinate) Nanocomposite. 2019 , 11,	33
292	Nanotechnology in Food Packaging. 2019 , 205-232	11
291	Cellulose nanocrystals reinforced Ecarrageenan based UV resistant transparent bionanocomposite films for sustainable packaging applications. 2019 , 211, 181-194	91
290	Assessment of carbon footprint of nano-packaging considering potential food waste reduction due to shelf life extension. 2019 , 149, 322-331	14
289	The mixed impact of nanoclays on the apparent diffusion coefficient of additives in biodegradable polymers in contact with food. 2019 , 180, 105170	9
288	Nanoedible films for food packaging: a review. 2019 , 54, 12290-12318	70
287	Eco-friendly polymer composites for green packaging: Future vision and challenges. 2019 , 172, 16-25	155
286	Biodegradable and Water Resistant Poly(vinyl) Alcohol (PVA)/Starch (ST)/Glycerol (GL)/Halloysite Nanotube (HNT) Nanocomposite Films for Sustainable Food Packaging. 2019 , 6,	77
285	Nanocomposite films with CMC, okra mucilage, and ZnO nanoparticles: Extending the shelf-life of chicken breast meat. 2019 , 21, 100330	33
284	Development of bioactive composite films from chitosan and carboxymethyl cellulose using glutaraldehyde, cinnamon essential oil and oleic acid. 2019 , 134, 604-612	58
283	Applications of nanotechnology in food microbiology. 2019 , 46, 43-60	12

282	Antimicrobial Nanoparticles Incorporated in Edible Coatings and Films for the Preservation of Fruits and Vegetables. 2019 , 24,	53
281	Nano-agriculture in the Food Industry. 2019 , 183-200	3
280	The influence of polyvinyl acetate and rice starch binders on molded rice straw filled rice bran: comparative study. 2019 , 6, 075325	0
279	Lignocellulose-Based Nanoparticles and Nanocomposites: Preparation, Properties, and Applications. 2019 , 41-69	9
278	Biosynthesis of cellulose microfibre from peanut shell for the preparation of bio-nanocomposite films for food-packaging application. 2019 , 42, 1	3
277	Water Sorption and Mechanical Properties of Starch/Chitosan Nanoparticle Films. 2019 , 2019, 1-12	17
276	Nanocomposite clay-polymer microbeads for oral controlled drug delivery: Development and, in vitro and in vivo evaluations. 2019 , 51, 234-243	14
275	Increasing Starch Nanoparticle Content in Emulsion Polymer Latexes. 2019 , 58, 20987-20995	8
274	Preparation and investigation of suitability of gadolinium oxide nanoparticle doped polyvinyl alcohol films for optoelectronic applications. 2019 , 30, 9051-9063	17
273	Effect of different type of clay on water barrier properties of Starch Composite. 2019 , 1153, 012091	1
272	Characterization of chitosan nanoparticles as an edible coating material. 2019 , 230, 012043	5
271	Production of polyhedral oligomeric silsesquioxane (POSS) containing low density polyethylene (LDPE) based nanocomposite films for minced beef packaging for extension of shelf life. 2019 , 108, 385-391	11
270	A Review of Property Enhancement Techniques for Carrageenan-based Films and Coatings. 2019 , 216, 287-302	65
269	Nanotechnology in sustainable agriculture: studies from seed priming to post-harvest management. 2019 , 4, 1	48
268	Bioactive Packaging: Combining Nanotechnologies With Packaging for Improved Food Functionality. 2019 , 233-270	6
267	Extraction of Nano Cellulose Fibres and Their Eco-friendly Polymer Composite. 2019 , 245-257	1
266	A green-nanocomposite film based on poly(vinyl alcohol)/ Eleusine coracana: structural, thermal, and morphological properties. 2019 , 24, 257-265	10
265	A general overview on application of nanoparticles in agriculture and plant science. 2019 , 85-110	4

264	Potential of Chitosans in the Development of Edible Food Packaging. 2019 , 349-369	4
263	Glycerolysis of Poly(lactic acid) as a Way to Extend the "Life Cycle" of This Material. 2019, 11,	7
262	Gold nanoparticles stabilized by modified halloysite nanotubes for catalytic applications. 2019 , 33, e4665	25
261	Biodegradability of blends based on aliphatic polyester and thermoplastic starch. 2019 , 73, 1121-1134	10
260	Super Gas Barrier and Fire Resistance of Nanoplatelet/Nanofibril Multilayer Thin Films. 2019, 6, 1801424	33
259	Suitability of starch extracted from fresh pasta by-product in biodegradable film production. 2019 , 38, 527-533	O
258	A review on versatile applications of blends and composites of CNC with natural and synthetic polymers with mathematical modeling. 2019 , 124, 591-626	33
257	Nanotechnology: Recent Trends in Food Safety, Quality and Market Analysis. 2019 , 283-293	6
256	Life Cycle Assessment of Polyethylene Terephthalate Packaging: An Overview. 2019 , 27, 533-548	41
255	Bioactive Compounds and Their Potential Use as Ingredients for Food and Its Application in Food Packaging. 2019 , 143-156	9
	Tackaging, 2012, 113 130	
254	Phosphate glass matrix composites incorporating trisilanol phenyl polyhedral oligomeric silsesquioxane prepared by viscous flow sintering method with enhanced benefits. 2019 , 503-504, 323-333	
254 253	Phosphate glass matrix composites incorporating trisilanol phenyl polyhedral oligomeric	15
	Phosphate glass matrix composites incorporating trisilanol phenyl polyhedral oligomeric silsesquioxane prepared by viscous flow sintering method with enhanced benefits. 2019 , 503-504, 323-333	
253	Phosphate glass matrix composites incorporating trisilanol phenyl polyhedral oligomeric silsesquioxane prepared by viscous flow sintering method with enhanced benefits. 2019 , 503-504, 323-333 Hybrid Pla/wild garlic antimicrobial composite films for food packaging application. 2019 , 40, 893-900 Behaviours of poly(Etaprolactone)/silver-montmorillonite nanocomposite in membrane	15
²⁵³	Phosphate glass matrix composites incorporating trisilanol phenyl polyhedral oligomeric silsesquioxane prepared by viscous flow sintering method with enhanced benefits. 2019 , 503-504, 323-333 Hybrid Pla/wild garlic antimicrobial composite films for food packaging application. 2019 , 40, 893-900 Behaviours of poly(Etaprolactone)/silver-montmorillonite nanocomposite in membrane ultrafiltration for wastewater treatment. 2020 , 41, 2049-2060	15 3
253 252 251	Phosphate glass matrix composites incorporating trisilanol phenyl polyhedral oligomeric silsesquioxane prepared by viscous flow sintering method with enhanced benefits. 2019, 503-504, 323-333 Hybrid Pla/wild garlic antimicrobial composite films for food packaging application. 2019, 40, 893-900 Behaviours of poly(Etaprolactone)/silver-montmorillonite nanocomposite in membrane ultrafiltration for wastewater treatment. 2020, 41, 2049-2060 Recent advances in protein derived bionanocomposites for food packaging applications. 2020, 60, 406-434	15 3 89
253 252 251 250	Phosphate glass matrix composites incorporating trisilanol phenyl polyhedral oligomeric silsesquioxane prepared by viscous flow sintering method with enhanced benefits. 2019, 503-504, 323-333 Hybrid Pla/wild garlic antimicrobial composite films for food packaging application. 2019, 40, 893-900 Behaviours of poly(Etaprolactone)/silver-montmorillonite nanocomposite in membrane ultrafiltration for wastewater treatment. 2020, 41, 2049-2060 Recent advances in protein derived bionanocomposites for food packaging applications. 2020, 60, 406-434 Bio-Nanocomposites for Food Packaging Applications. 2020, 29-41	15 3 89 2

246	Oxygen barrier, free volume, and blending properties of fully bio-based polyamide 11/poly(vinyl alcohol) blends. 2020 , 137, 48562	4
245	Nanoengineering Tools in Beverage Industry. 2020 , 35-69	2
244	Layered double hydroxide polymer nanocomposites for food-packaging applications. 2020, 743-779	O
243	Development and characterization of nano starch-based composite films from mung bean (Vigna radiata). 2020 , 144, 242-251	26
242	Enhancing the properties of gelatinthitosan bionanocomposite films by incorporation of silica nanoparticles. 2020 , 43, e13329	10
241	The financial impact of replacing plastic packaging by biodegradable biopolymers - A smart solution for the food industry. 2020 , 277, 124013	14
240	Edible hydrocolloids as sustainable substitute for non-biodegradable materials. 2020, 1-33	6
239	Exploring the Multi-Function Nature of Packaging in the Food Industry. 2020 , 4, 21	
238	Processing methods of bionanocomposites. 2020 , 87-104	2
237	Curcumin-based bionanocomposites. 2020 , 233-257	
237	Curcumin-based bionanocomposites. 2020 , 233-257 Mono and hybrid nanomaterials: Novel strategies to manage postharvest diseases. 2020 , 287-317	2
		2
236	Mono and hybrid nanomaterials: Novel strategies to manage postharvest diseases. 2020 , 287-317	
236	Mono and hybrid nanomaterials: Novel strategies to manage postharvest diseases. 2020 , 287-317 Chemicals from Vegetable Oils, Fatty Derivatives, and Plant Biomass. 2020 , 1-31 Evaluation of the specific migration according to EU standards of titanium from Chitosan/Metal complexes films containing TiO2 particles into different food simulants. A comparative study of the	2
236 235 234	Mono and hybrid nanomaterials: Novel strategies to manage postharvest diseases. 2020 , 287-317 Chemicals from Vegetable Oils, Fatty Derivatives, and Plant Biomass. 2020 , 1-31 Evaluation of the specific migration according to EU standards of titanium from Chitosan/Metal complexes films containing TiO2 particles into different food simulants. A comparative study of the nano-sized vs micro-sized particles. 2020 , 26, 100579 Up-cycling of agave tequilana bagasse-fibres: A study on the effect of fibre-surface treatments on	12
236 235 234 233	Mono and hybrid nanomaterials: Novel strategies to manage postharvest diseases. 2020, 287-317 Chemicals from Vegetable Oils, Fatty Derivatives, and Plant Biomass. 2020, 1-31 Evaluation of the specific migration according to EU standards of titanium from Chitosan/Metal complexes films containing TiO2 particles into different food simulants. A comparative study of the nano-sized vs micro-sized particles. 2020, 26, 100579 Up-cycling of agave tequilana bagasse-fibres: A study on the effect of fibre-surface treatments on interfacial bonding and mechanical properties. 2020, 8, 100158	12
236 235 234 233	Mono and hybrid nanomaterials: Novel strategies to manage postharvest diseases. 2020, 287-317 Chemicals from Vegetable Oils, Fatty Derivatives, and Plant Biomass. 2020, 1-31 Evaluation of the specific migration according to EU standards of titanium from Chitosan/Metal complexes films containing TiO2 particles into different food simulants. A comparative study of the nano-sized vs micro-sized particles. 2020, 26, 100579 Up-cycling of agave tequilana bagasse-fibres: A study on the effect of fibre-surface treatments on interfacial bonding and mechanical properties. 2020, 8, 100158 Bionanocomposites: uses in applied sciences and their benefits. 2020, 535-545	2 12 4

(2020-2020)

228	Resources. 2020 , 120, 9304-9362	256
227	Transparent, water-stable, cellulose nanofiber-based packaging film with a low oxygen permeability. 2020 , 249, 116823	19
226	Introduction. 2020 , 1-50	O
225	Morphological Structures, Mechanical, Thermal and Optical Properties of PVA/HNT Bionanocomposite Films. 2020 , 81-108	
224	Renewable feedstocks in emulsion polymerization: Coating and adhesive applications. 2020, 56, 139-186	3
223	Synergistic effect of bacterial cellulose reinforcement and succinic acid crosslinking on the properties of agar. 2020 , 165, 3115-3122	4
222	Modification of hemp fibers through alkaline attack assisted by mechanical milling: effect of processing time on the morphology of the system. 2020 , 27, 8653-8665	10
221	Role of graphene nanoplatelets on tribological behaviour of madhuca indica oil. 2020,	2
220	Carrageenan Edible Coating Application Prolongs Cavendish Banana Shelf Life. 2020 , 2020, 8861610	9
219	Recovery of Bioactive Compounds from Jaboticaba Peels and Application into Zein Ultrafine Fibers Produced by Electrospinning. 2020 , 12,	5
218	Synthesis of Polymer Nano-composite coatings as corrosion inhibitors: A quick review. 2020 , 983, 012016	3
217	Morphological and physical properties of kefiran-whey protein isolate bionanocomposite films reinforced with AlO nanoparticles. 2020 , 26, 666-675	3
216	Development of reinforced aldehyde-modified kappa-carrageenan/gelatin film by incorporation of halloysite nanotubes for biomedical applications. 2020 , 160, 669-676	32
215	Different degree of fibrillation: strategy to reduce permeability in nanocellulose-starch films. 2020 , 27, 10855-10872	6
214	Copper sulfide nanoparticle-carrageenan films for packaging application. 2020 , 109, 106094	25
213	Nanonutraceuticals: A way towards modern therapeutics in healthcare. 2020 , 58, 101838	5
212	Polysaccharides/Halloysite nanotubes for smart bionanocomposite materials. 2020 , 245, 116502	102
211	Properties of Solutions of Cellulose and Chitin with Montmorillonite Nanoparticles in Aqueous Alkali with Urea and Thiourea Additions and of Composite Films Prepared from These Solutions. 2020 , 93, 572-580	

210	Fluorescent Poly(vinyl alcohol) Films Containing Chlorogenic Acid Carbon Nanodots for Food Monitoring. 2020 , 3, 7611-7620	14
209	Cellulose from sources to nanocellulose and an overview of synthesis and properties of nanocellulose/zinc oxide nanocomposite materials. 2020 , 154, 1050-1073	64
208	Physical, mechanical, and antibacterial characteristics of bio-nanocomposite films loaded with Ag-modified SiO and TiO nanoparticles. 2020 , 85, 1193-1202	34
207	Improving the moisture barrier and mechanical properties of semi-refined carrageenan films. 2020 , 137, 49238	5
206	Life-Cycle Assessment in the Polymeric Sector: A Comprehensive Review of Application Experiences on the Italian Scale. 2020 , 12,	27
205	Fundamentals of two-dimensional films and membranes. 2020 , 35-66	4
204	Application of edible biopolymer coatings to extend the storage life of fresh fruits and vegetables. 2020 , 505-513	
203	Applications of bionanocomposites in agriculture. 2020 , 485-504	1
202	Biopolymer nanocomposites with customized mechanical property and exceptionally antibacterial performance. 2020 , 199, 108338	10
201	Tribological Behaviour of Neem Oil with and without Graphene Nanoplatelets Using Four-Ball Tester. 2020 , 2020, 1-11	17
200	Chitosan Composites in Packaging Industry-Current Trends and Future Challenges. 2020 , 12,	56
199	Nanotechnologies in Food Science: Applications, Recent Trends, and Future Perspectives. 2020 , 12, 45	138
198	Synthesis of multi-walled carbon nanotubes (MWCNTs) from plastic waste & analysis of garlic coated gelatin/MWCNTs nanocomposite films as food packaging material. 2020 , 2, 1	4
197	Ocimum basilicum seed mucilage reinforced with montmorillonite for preparation of bionanocomposite film for food packaging applications. 2020 , 87, 106465	15
196	Nanocellulose in polymer nanocomposite. 2020 , 357-366	2
195	Development and Analysis of Completely Biodegradable Cellulose/Banana Peel Powder Composite Films. 2021 , 18, 151-160	1
194	Application of nanotechnology in the packaging of edible materials. 2021, 215-225	13
193	Preparation of treelike and rodlike carboxymethylated nanocellulose and their effect on carboxymethyl cellulose films. 2021 , 138, 50092	2

(2021-2021)

192	Transport properties of water vapor through hemp fibers modified with a sustainable process: Effect of surface morphology on the thermodynamic and kinetic phenomena. 2021 , 541, 148433	7
191	Influence of Nigella sativa L. Extract on Physico-Mechanical and Antimicrobial Properties of Sago Starch Film. 2021 , 29, 201-208	15
190	Evaluation of beeswax coated coconut shells for packaging of set-type: an Indian fermented product. 2021 , 58, 2019-2027	
189	Processing of bio-based polymers for industrial and medical applications. 2021 , 191-238	
188	Future and recent developments in the retail vegetable category (a) value chain and food systems approach. 2021 , 24, 27-49	3
187	Nanocomposites in the Food Packaging Industry. 2021 , 122-146	1
186	Impact of Nanomaterials on the Food Chain. 2021 , 97-117	
185	Trends in packaging material for food products: historical background, current scenario, and future prospects. 2021 , 58, 4069-4082	5
184	Economic and environmental concerns of bio-based polymers processing. 2021 , 239-254	
183	Health and Eco-Innovations in Food Packaging. 2021 , 31-70	
182	Nanotechnology in Agriculture, the Food Sector, and Remediation: Prospects, Relations, and Constraints. 2021 , 1-34	1
181	Functional nanocomposites and their potential applications: A review. 2021 , 28, 1	38
180	Consumer Nanoproducts Based on Polymer Nanocomposites for Food Packaging. 2021 , 1-23	
179	Emerging Trends in Biopolymers for Food Packaging. 2021 , 1-33	4
178	Biopolymers in environmental applications. 2021 , 331-349	6
177	An overview of the recent advances in polylactide-based sustainable nanocomposites. 2021 , 61, 617-649	28
176	Nanoagriculture: A Holistic Approach for Sustainable Development of Agriculture. 2021 , 2587-2602	
175	Application of Bioplastics in Agro-Based Industries and Bioremediation. 2021 , 661-701	

174	Self-assembly in biobased nanocomposites for multifunctionality and improved performance. 2021 , 3, 4321-4348	4
173	Application of supercritical technology in the production of dietary supplement based on plant extracts. 2021 , 161-183	1
172	Recent Advances in the Application of Starch and Resistant Starch and Slowly Digestible Starch. 2021 , 59-90	0
171	Advances in biopolymeric active films incorporated with emulsified lipophilic compounds: a review 2021 , 11, 28148-28168	2
170	Coating on packaging products to enhance shelf life. 2021 , 1-33	1
169	Preparation and characterization of novel bionanocomposites based on garlic extract for preserving fresh Nile tilapia fish fillets 2021 , 11, 22571-22584	8
168	Future perspectives of bionanocomposites. 2021 , 611-630	
167	Significance of Nanoscience in Food Microbiology: Current Trend and Future Prospects. 2021 , 249-267	1
166	Production and evaluation of the chemical and mechanical properties of nanocellulose and nanowood starch-based biodegradable films potential candidates for moisture absorbers for food packaging. 2021 , 9, 2227-2233	2
165	Progress in Biodegradable Flame Retardant Nano-Biocomposites. 2021 , 13,	7
164	Evaluation of PE/POE/PA6 blends containing silica and clay toward nano composite packaging film. 2021 , 15, 2297-2308	2
163	Processability and Mechanical Properties of Thermoplastic Polylactide/Polyhydroxybutyrate (PLA/PHB) Bioblends. 2021 , 14,	10
162	Polymeric Materials with Antibacterial Activity: A Review. 2021 , 13,	10
161	Effects of mica modification with ethylene-vinyl acetate wax on the water vapor barrier and mechanical properties of poly-(butylene adipate-co-terephthalate) nanocomposite films. 2021 , 138, 50610	2
160	Cellulose Nanofiber-Based Nanocomposite Films Reinforced with Zinc Oxide Nanorods and Grapefruit Seed Extract. 2021 , 11,	23
159	The Assessment of Supply Chains, Business Strategies, and Markets in Biodegradable Food Packaging. 2021 , 437-451	
158	Poly(Etaprolactone): A potential polymer for biodegradable food packaging applications. 2021, 34, 449	10
157	Poly(Lactic) Acid Modified Films for Packaging Applications. 2021 , 265-278	1

156	Nanobiocomposite Films: a G reener Alternatelfor Food Packaging. 2021 , 14, 1013-1027	5
155	A Review on Properties and Application of Bio-Based Poly(Butylene Succinate). 2021, 13,	41
154	Potential perspectives of CMC-PET/ZnO bilayer nanocomposite films for food packaging applications: physical, mechanical and antimicrobial properties. 2021 , 15, 3731-3740	3
153	Investigating the Effect of Nano-silver Contained Packaging on the Olivier Salad Shelf-life. 2021 , 11, 838-847	1
152	Packaging and degradability properties of polyvinyl alcohol/gelatin nanocomposite films filled water hyacinth cellulose nanocrystals. 2021 , 6, 168-185	56
151	A Food-Grade Resin with LDHBalicylate to Extend Mozzarella Cheese Shelf Life. 2021 , 9, 884	1
150	Preparation and Characterization of Bio-Nanocomposites Film of Chitosan and Montmorillonite Incorporated with Ginger Essential Oil and Its Application in Chilled Beef Preservation. 2021 , 10,	5
149	The potential of active packaging for tuna. 2021 , 788, 012227	
148	Recent approaches for enhanced production of microbial polyhydroxybutyrate: Preparation of biocomposites and applications. 2021 , 182, 1650-1669	7
147	Advancements in nanotechnology for food science and industry.	8
146	Chitosan-Phenylalanine Nanoparticles (Cs-Phe Nps) Extend the Postharvest Life of Persimmon (Diospyros kaki) Fruits under Chilling Stress. 2021 , 11, 819	5
145	Fresh Mushroom Preservation Techniques. 2021 , 10,	5
144	Films based on mixtures of zein, chitosan, and PVA: Development with perspectives for food packaging application. 2021 , 101, 107279	3
143	Active packaging for lipid foods and development challenges for marketing. 2021 , 45, 101370	1
142	Protein-based natural antibacterial materials and their applications in food preservation. 2021,	2
141	Alginate and pectin films covering halloysite with encapsulated salicylic acid as food packaging components. 2021 , 214, 106270	6
140	Preparation of effective ultraviolet shielding poly (lactic acid)/poly (butylene adipate-co-terephthalate) degradable composite film using co-precipitation and hot-pressing method. 2021 , 191, 540-547	3
139	Antimicrobial edible films in food packaging: Current scenario and recent nanotechnological advancements- a review. 2021 , 2, 100024	30

138	Silk protein and its nanocomposites. 2021 , 309-323	3	,
137	Biopolymer-based nanofilms: Utility and toxicity. 2021 , 353-385		
136	Impact of Nanomaterials on the Food Chain. 2021 , 229-249		
135	Biopolymer Nanocomposites in Edible Food Packaging: Opportunity and Applications. 2021 , 233-257		
134	Nanotechnology in the Dairy Industry. 2020 , 223-275	6	ó
133	Food Nanotechnology: An Emerging Technology in Food Processing and Preservation. 2019 , 567-576	3	;
132	Desalination. 2019 , 1011-1044	1	[
131	Nanotechnology Applications in Food: A Scientometric Overview. 2019 , 683-711	1	[
130	An Introduction to Food Nanotechnology. 2015 , 1087-1101	1	[
129	Bionanocomposite Films for Food Packaging Applications. 2018 , 234-243	2	2
128	Polymers and food packaging. 2020 , 525-543	7	7
127	Biodegradable nanomaterials for drink packaging. 2020 , 609-632	4	ļ
126	Biofilm formation during biodegradation of polylactide, poly (3,4 hydroxybutyrate) and poly(Ecaprolactone) in activated sludge. 2020 , 159, 539-546	1	0
125	Nano-inspired oxygen barrier coatings for food packaging applications: An overview. <i>Trends in Food Science and Technology</i> , 2020 , 97, 210-220	5.3 2	20
124	Chapter 9:Fracture and Failure of Starch-based Composites. 2015 , 326-351	1	[
123	Chapter 6:Nanotechnologies in Food Packaging. 86-101	3	32
122	Identification of preferred combination of factors in manufacturing bioepoxy/clay nanocomposites. 2018 , 27, 511-530	1	[

120	Evolution of biobased and nanotechnology packaging 🗈 review. 2020, 35, 491-515	10
119	Improving the food safety in supply chain: the value of nanotechnology on a growing problem. 2014 , 6, 123-133	5
118	Nanocomposites in the Food Packaging Industry. 2020 , 103-135	1
117	Studies on Properties of Bio-Composites from Ecoflex/Ramie Fabric-Mechanical and Barrier Properties. 2012 , 03, 396-404	19
116	Starch Based Bio-Plastics: The Future of Sustainable Packaging. 2018 , 08, 21-33	54
115	Effect of chitosan and chitosan-nanoparticles on post harvest quality of banana fruits. 2018 , 45, 36-44	67
114	Preparation and Characteristics of Biodegradable Polyurethane/Clay Nanocomposite Films. 2013 , 51, 382-387	4
113	Nanobiomaterials Administration in Modernization of Biological Science: Current Status and Future Potential. 2021 , 1-49	
112	Rice wasteBased polymer composites for packaging applications: A review. 096739112110467	
111	Recent insights into carrageenan-based bio-nanocomposite polymers in food applications: A review. 2021 , 192, 197-209	6
110	Shelf Life of Foods in Biobased Packaging. 2009 , 353-365	0
109	Introduction. 2012 , 1-4	1
108	EFFECTS OF THE INCORPORATION OF CLAY ON PROPERTIES OF THE BIODEGRADABLE COPOLYESTER/PLA FLEXIBLE FILM.	
107	Properties Of Plastics For Packaging Applications. 2014 , 3-38	
106	BIOPOLYMERS: POTENTIAL BIODEGRADABLE PACKAGING MATERIAL FOR FOOD INDUSTRY. 2014 , 171-190	
105	Nanotechnology in the Food Industry. 2015 , 218-239	
104	Chapter 10:Application of Starch Nanocomposites in the Food Industry. 2015 , 352-402	
103	Nanocomposites in Food Packaging. 519-571	1

102	Gaa End⊠trisinde Nanoteknoloji Uygulamalar∓ 2015 , 26, 52-57	0
101	New Horizons of Nanotechnology in Agriculture and Food Processing Industry. 2017 , 230-258	2
100	Nanotechnology in Agriculture, Food Process Product, and Food Packaging. 2017 , 117-131	
99	Nanotechnology in the Food Industry. 2017 , 1165-1181	
98	Carbon Nanotube-Based Biodegradable Polymeric Nanocomposites: 3Rs (Reduce, Reuse, and Recycle) in the Design. 2017 , 1-17	
97	STUDY OF FACTORS AFFECTING DEVELOPMENT OF FOOD AROMATIZATION. 2017, 11,	
96	New Horizons of Nanotechnology in Agriculture and Food Processing Industry. 2018, 196-217	1
95	Carbon Nanotube-Based Biodegradable Polymeric Nanocomposites: 3Rs (Reduce, Reuse, and Recycle) in the Design. 2019 , 2787-2802	
94	Una revisifi del estado actual de los envases para la industria alimentaria. 2019 , 11, 95-108	
93	GIDA ATIKLARINDAN E VRE DOSTU BIJOBOZUNUR AMBALAJ MALZEMESI R ET M IJ 2019 , 44, 1008-1019	1
92	Biobased Packaging from Food Industry Waste. 2020 , 241-265	
91	Nanoagriculture: A Holistic Approach for Sustainable Development of Agriculture. 2020 , 1-16	1
90	Physical-Mechanical Behavior and Water-Barrier Properties of Biopolymers-Clay Nanocomposites. 2021 , 26,	4
89	Comprehensive Review on Silicon-enhanced Green Nanocomposites Towards Sustainable Development. 1	
88	Investigation of the Mechanical Properties of PLA as a Material for Patient-Specific Orthopaedic Equipment. 2021 , 247-258	
87	Innovative bio-based materials for packaging sustainability. 2022 , 173-192	1
86	Advances in Functional Biopolymer-Based Nanocomposites for Active Food Packaging Applications. 2021 , 13,	4
85	Nanocomposite and bio-nanocomposite polymeric materials/membranes development in energy and medical sector: A review. 2021 ,	11

84	Barrier packaging solutions from residual biomass: Synergetic properties of CNF and LCNF in films. 2022 , 177, 114493	4
83	Bio-nano-composites containing at least two components, chitosan and zein, for food packaging applications: A review of the nano-composites in comparison with the conventional counterparts 2022 , 280, 119027	3
82	Functional Nanomaterials for Food Packaging Applications. 2022, 243-269	
81	Influence of Moisture Absorption on Mechanical properties of Biocomposites reinforced Surface Modified Natural Fibers. 2022 , 17-34	1
80	Influence of Nano-Silica/Chitosan Film Coating on the Quality of IIommy Atkins Mango. 2022, 10, 279	Ο
79	A review on polymeric nanomaterials intervention in food industry. 1	Ο
78	Nanotechnology: Pros and Cons in Food Quality. 2022 , 12,	0
77	Biocompatible Nanomaterials in Food Science, Technology, and Nutrient Drug Delivery: Recent Developments and Applications 2021 , 8, 778155	4
76	Nanosized Additives for Enhancing Storage Quality of Horticultural Produce. 2022 , 289-329	0
75	Methods for the Improvement of Barrier and Mechanical Properties of Edible Packaging. 2022 , 353-368	
74	Current Research and Applications of Starch-Based Biodegradable Films for Food Packaging 2022 , 14,	4
73	Physico-mechanical properties of polylactic acid bio-nanocomposites filled by hybrid nanoparticles. 2021 , 29, S1510-S1519	
72	Properties of Solutions and Composite Films of Chitosan and Carboxymethyl Chitosan with Montmorillonite Nanoparticles Obtained from Aqueous Solutions. 2021 , 63, 915-924	0
71	Advances in Postharvest Packaging Systems of Fruits and Vegetable.	
70	A review on the application of bio-nanocomposites for food packaging. 2021,	3
69	The Preparation and Characterization of Quantum Dots in Polysaccharide Carriers (Starch/Chitosan) as Elements of Smart Packaging and Their Impact on the Growth of Microorganisms in Food 2021 , 14,	7
68	Effect of Coupling Agent on Softwood Kraft Nanocellulose Fibril-Reinforced Polylactic Acid Biocomposite. 2021 , 2021, 1-13	10
67	Nanotechnology-enhanced edible coating application on climacteric fruits.	O

66	Polybutylene succinate based bionanocomposites for food packaging applications. 2022, 165-180	
65	Packaging and bionanocomposites. 2022 , 91-113	O
64	Polycaprolactones based bionanocomposites for food packaging applications. 2022, 135-151	
63	Impact of bionanocomposites on the environment. 2022 , 435-452	
62	Processing of bionanocomposites. 2022 , 31-41	
61	Bionanocomposites in food packaging applications and their risk assessment for public health. 2022 , 453-477	
60	Consumer Nanoproducts Based on Polymer Nanocomposites for Food Packaging. 2022, 1277-1299	
59	Trends in bionanocomposites. 2022 , 413-433	
58	Recent application of jackfruit waste in food and material engineering: A review. 2022, 101740	1
57	Emerging Trends for ZnO Nanoparticles and Their Applications in Food Packaging.	1
56	Sustainable Green Methods for the Extraction of Biopolymers. 2022 , 73-110	1
55	Applications and Implications of Nanoparticles in Food Industries. 2022 , 223-243	
54	Assessment of innovative PLA biopolymer compositions with plant waste fillers. 2022, 106496	
53	Green technology in food processing and preservation. 2022 , 87-118	
52	Multifaceted potential applicability of hydrotalcite-type anionic clays from green chemistry to environmental sustainability. 2022 , 135464	0
51	The development of recycling methods for bio-based materials [A challenge in the implementation of a circular economy: A review. 0734242X2211054	1
50	Nanomaterials Utilized in Food Packaging: State-of-the-Art.	O
49	Biodegradable Films from Kefiran-Based Cryogel Systems. 2022 , 2, 324-345	1

Biodegradable packaging films with Epolylysine/ZIF-L composites. 2022, 113776 48 Nanotechnology in Packaging for Food Preservation. 2022, 313-341 47 Nanocomposite and Food Packaging. 2022, 1-23 46 Food Science Nanotechnologies: Implementations, Recent Developments, and Prospects. 2022, 343-360 45 Development and characterization of ester modified endospermic quar qum/polyvinyl alcohol O 44 (PVA) blown film: Approach towards greener packaging. 2022, 187, 115319 Nanofunctional Foods as Immunity Booster in COVID-19. 2022, 193-221 43 Bioplastic beads composite production based on cellulose acetate-starch blend: a literature study. 42 2022, 1063, 012015 Role of Nanotechnology in Fortifying Nutraceuticals. 2022, 25-60 41 Cotton Based Cellulose Nanocomposites: Synthesis and Application. 40 Nanomaterial in Food Packaging: A Comprehensive Review. 2022, 2022, 1-12 39 Enhancement of PVA packaging properties using calcined eggshell waste as filler and nanonutrient. 38 O 2022, 291, 126611 Environmentally Friendly Bionanocomposites in Food Industry. 2023, 237-263 37 \circ A rapid synthesis of nanofibrillar cellulose/polystyrene composite via ultrasonic treatment. 2022, 36 O 90, 106180 Polymer-Based Nanoparticles (NPs): A Promising Approach for Crop Productivity. 2022, 119-154 35 Nanocomposite Biodegradable Polymers for Food Packaging. 2022, 227-244 34 \circ Green Polymer-Based Biodegradable Packaging. 2022, 123-134 33 DEVELOPMENT OF ACTIVE FILM FOR FOOD PACKAGING APPLICATIONS WITH Ο 32 CURCUMIN-LOADED ZEOLITIC IMIDAZOLATE FRAMEWORK-8. 916-940 Synthesis, properties, and applications of polylactic acid-based polymers. 31

30	Nanobiomaterials Administration in Modernization of Biological Science: Current Status and Future Potential. 2022 , 729-777	Ο
29	Emerging and Advanced Technologies in Biodegradable Plastics for Sustainability. 2022, 1-38	O
28	Advances in multifunctional biomass-derived nanocomposite films for active and sustainable food packaging. 2022 , 120323	1
27	Biomedical Applications of Bioplastics. 2023 , 175-197	O
26	Bioplastics-Based Nanocomposites for Packaging Applications. 2023, 425-444	O
25	Nanobacterial Cellulose Production and Its Antibacterial Activity in Biodegradable Poly(vinyl alcohol) Membranes for Food Packaging Applications.	O
24	Bionanocomposites for Food Packaging Materials. 2022 , 1-8	0
23	Effect of Non-Thermal Food Processing Techniques on Selected Packaging Materials. 2022 , 14, 5069	0
22	Physicochemical, Thermal, and Morphological Properties of Chitosan Nanoparticles Produced by Ionic Gelation. 2022 , 11, 3841	0
21	Approaches and Perspective of Coarse-Grained Modeling and Simulation for PolymerNanoparticle Hybrid Systems. 2022 , 7, 47567-47586	O
20	Perinatal exposure to foodborne inorganic nanoparticles: A role in the susceptibility to food allergy?. 3,	0
19	Biopolymers for packaging applications: An overview.	O
18	Nanotechnology: A Tool for the Development of Sustainable Agroindustry. 2023, 317-339	0
17	Biopolymer-Based Nanocomposites. 2023, 1-28	0
16	Recent Advances in Composites from Seaweeds. 2023 , 275-291	0
15	A Comprehensive Review Based on Chitin and Chitosan Composites. 2023, 15-66	O
14	Polysaccharide Nanostructures. 2014 , 41-68	0
13	Impact of Zinc Oxide Nano Particles, Poly Vinyl Alcohol, and Natural Polymers on Quality Characteristics of Nanocomposite Film. 2023 , 13, 420	O

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12	Role of nanotechnology in combating abiotic stresses in wheat for improved yield and quality. 2023 , 393-412	О
11	Synthesis of sandwiched chitosan-g-PMMA nanocomposite by layered double hydroxides for packaging applications.	O
10	Development and characterization of Chitosan/Guar gum /Gum ghatti bionanocomposites with in situ silver nanoparticles. 2023 , 44, 101009	O
9	Emerging and Advanced Technologies in Biodegradable Plastics for Sustainability. 2023, 533-570	O
8	Fabrication of starch-based packaging materials. 2023,	O
7	Biobased nanomaterials as functional food ingredients. 2023 , 303-327	O
6	An electrospun polylactic acid film containing silver nanoparticles and encapsulated Thymus daenensis essential oil: release behavior, physico-mechanical and antibacterial studies.	O
5	Role of nanoparticles in maintaining food safety and tackling malnutrition. 2023, 10,	Ο
4	Applications of biodegradable polymer nanocomposites in water and wastewater treatment. 2023 , 515-553	O
3	Biodegradable polymer nanocomposites for food packaging applications. 2023 , 639-674	O
2	Nanoformulations of natural compounds for herbicide and agri-food application. 2023, 427-443	O
1	Biodegradable polymer nanocomposites for catalytic and photocatalytic applications. 2023 , 675-698	O