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Electrospinning of polymeric nanofibers for drug delivery applications

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895	Co-electrospun nanofibers of PVA-SbQ and Zein for wound healing. 2015 , 132, n/a-n/a		14
894	Additive electrospaying: a route to process electrospun scaffolds for controlled molecular release. 2015 , 26, 1359-1369		33
893	Nanofibers for drug delivery - incorporation and release of model molecules, influence of molecular weight and polymer structure. 2015 , 6, 1939-45		52
892	Nanofiber-based Drug Design, Delivery and Application. 2015 , 21, 1918-9		1
891	Smart Dressings Based on Nanostructured Fibers Containing Natural Origin Antimicrobial, Anti-Inflammatory, and Regenerative Compounds. 2015 , 8, 5154-5193		114
890	Ciprofloxacin-eluting nanofibers inhibits biofilm formation by <i>Pseudomonas aeruginosa</i> and a methicillin-resistant <i>Staphylococcus aureus</i> . 2015 , 10, e0123648		13
889	Rutin-Chitosan Nanoparticles: Fabrication, Characterization and Application in Dental Disorders. 2015 , 54, 202-208		23
888	Formation of highly porous structure in the electrospun polylactide fibers by swelling-crystallization in poor solvents. 2015 , 5, 37539-37544		9
887	Characterization, release and antioxidant activity of curcumin-loaded amaranth-pullulan electrospun fibers. 2015 , 63, 1137-1144		71
886	A facile approach to prepare shell/core nanofibers for drug controlled release. 2015 , 150, 52-54		10

885	Controlled Slow-Release Drug-Eluting Stents for the Prevention of Coronary Restenosis: Recent Progress and Future Prospects. 2015 , 7, 11695-712	69
884	Local, combination chemotherapy in prevention of cervical cancer recurrence after surgery by using nanofibers co-loaded with cisplatin and curcumin. 2015 , 5, 106325-106332	26
883	High speed electrospinning for scaled-up production of amorphous solid dispersion of itraconazole. 2015 , 480, 137-42	125
882	Critical attributes of nanofibers: preparation, drug loading, and tissue regeneration. 2015 , 484, 57-74	144
881	Fast-dissolving sweet sedative nanofiber membranes. 2015 , 50, 3604-3613	22
880	Hierarchical SrTiO ₃ /NiFe ₂ O ₄ composite nanostructures with excellent light response and magnetic performance synthesized toward enhanced photocatalytic activity. 2015 , 7, 14738-46	34
879	Synthesis of amphiphilic alginate derivatives and electrospinning blend nanofibers: a novel hydrophobic drug carrier. 2015 , 72, 3097-3117	32
878	Facile electrospinning construction and characteristics of coaxial nanobelts with simultaneously tunable magnetism and color-tuned photoluminescence bifunctionality. 2015 , 26, 8774-8783	7
877	Fabrication of mucoadhesive chitosan coated polyvinylpyrrolidone/cyclodextrin/clotrimazole sandwich patches for oral candidiasis. 2015 , 132, 173-9	46
876	An insight on electrospun-nanofibers-inspired modern drug delivery system in the treatment of deadly cancers. 2015 , 5, 57984-58004	72
875	Amino acid-based poly(ester amide) nanofibers for tailored enzymatic degradation prepared by miniemulsion-electrospinning. 2015 , 5, 55006-55014	16
874	Effect of ionic liquids on the morphology and mesophase formation of electrospun polylactide nanofibers. 2015 , 65, 55-62	13
873	The use of cisplatin-loaded mucoadhesive nanofibers for local chemotherapy of cervical cancers in mice. 2015 , 93, 127-35	80
872	Nanocomposite scaffolds incorporated with hydrophobically-functionalized mesoporous nanocarriers for the effective loading and long-term delivery of osteogenic drugs. 2015 , 5, 26832-26842	7
871	Electrospinning preparation, thermal, and luminescence properties of Eu ₂ (BTP) ₃ (Phen) ₂ complex doped in PMMA. 2015 , 293, 2201-2208	16
870	Novel poly(vinylidene fluoride)/thermoplastic polyester elastomer composite membrane prepared by the electrospinning of nanofibers onto a dense membrane substrate for protective textiles. 2015 , 132, n/a-n/a	8
869	Biodegradable and biocompatible soy protein/polymer/adhesive sticky nano-textured interfacial membranes for prevention of esca fungi invasion into pruning cuts and wounds of vines. 2015 , 3, 2147-2162	35
868	The influence of anisotropic nano- to micro-topography on in vitro and in vivo osteogenesis. 2015 , 10, 693-711	37

867	Flurbiprofen axetil loaded coaxial electrospun poly(vinyl pyrrolidone)nanopoly(lactic-co-glycolic acid) coreshell composite nanofibers: Preparation, characterization, and anti-adhesion activity. 2015 , 132, n/a-n/a		13
866	Current strategies for sustaining drug release from electrospun nanofibers. <i>Journal of Controlled Release</i> , 2015 , 220, 584-91	11.7	318
865	Functionalization of electrospun poly(caprolactone) fibers for pH-controlled delivery of doxorubicin hydrochloride. 2015 , 26, 1425-38		24
864	Poly (d,l-lactic acid) electrospun fibers with tunable surface nanotopography for modulating drug release profiles. 2015 , 161, 716-719		12
863	PLGA nanofibers improves the antitumoral effect of daunorubicin. 2015 , 136, 248-55		23
862	Amorphous calcium phosphate, hydroxyapatite and poly(d,l-lactic acid) composite nanofibers: Electrospinning preparation, mineralization and in vivo bone defect repair. 2015 , 136, 27-36		65
861	A simple and versatile method for microencapsulation of anti-epileptic drugs for focal therapy of epilepsy. 2015 , 3, 7255-7261		6
860	Bioactive protein-based nanofibers interact with intestinal biological components resulting in transepithelial permeation of a therapeutic protein. 2015 , 495, 58-66		29
859	ZrO2 Nanofiber as a Versatile Tool for Protein Analysis. 2015 , 7, 26414-20		26
858	Structural lipid nanoparticles self-assembled from electrospun coreshell polymeric nanocomposites. 2015 , 5, 9462-9466		30
857	Self-assembling in natural, synthetic, and hybrid materials with applications in controlled drug delivery. 2015 , 163-223		2
856	The past, present and future in scaffold-based tendon treatments. 2015 , 84, 257-77		120
855	Antifungal activity of amidoxime surface functionalized electrospun polyacrylonitrile nanofibers. 2015 , 141, 217-220		6
854	Electrospun fibers for wound healing and treatment of hyperglycemia: A review. 2016 , 15, 1276-1284		1
853	Fiber-based hybrid structures as scaffolds and implants for regenerative medicine. 2016 , 241-256		2
852	Flexible Polyaniline/Poly(methyl methacrylate) Composite Fibers via Electrospinning and In Situ Polymerization for Ammonia Gas Sensing and Strain Sensing. 2016 , 2016, 1-8		9
851	Electrospun Nanofibers Applications in Dentistry. 2016 , 2016, 1-7		24
850	Passive Mixing Capabilities of Micro- and Nanofibres When Used in Microfluidic Systems. 2016 , 16,		9

849	Drug Delivery Approaches for the Treatment of Cervical Cancer. 2016 , 8,	42
848	In situ precise electrospinning of medical glue fibers as nonsuture dural repair with high sealing capability and flexibility. 2016 , 11, 4213-20	17
847	Electrospun poly(vinyl alcohol) composite nanofibers with halloysite nanotubes for the sustained release of sodium d-pantothenate. 2016 , 133, n/a-n/a	10
846	Three-layered electrospun PVA/PCL/PVA nanofibrous mats containing tetracycline hydrochloride and phenytoin sodium: A case study on sustained control release, antibacterial, and cell culture properties. 2016 , 133, n/a-n/a	14
845	Antibacterial polycaprolactone electrospun fiber mats prepared by soluble eggshell membrane protein-assisted adsorption of silver nanoparticles. 2016 , 133,	2
844	Electrospun gelatin nanofibers as drug carrier: effect of crosslinking on sustained release. 2016 , 3, 3484-3491	14
843	Regenerative Strategies for the Central Nervous System. 2016 , 121-173	
842	Innovations in Molecular Mechanisms and Tissue Engineering. 2016 ,	
841	Developments in the use of nanofibres in nonwovens. 2016 , 115-132	2
840	Design of a Multifunctional Porous Coaxial Electrospun Mesh Using Polycaprolactone (PCL) and Poly Butylene Adipate-CO-Terephthalate (PBAT). 2016 ,	
839	Fabrication of silver nanoparticle/polyvinyl alcohol/polycaprolactone hybrid nanofibers nonwovens by two-nozzle electrospinning for wound dressing. 2016 , 17, 1995-2005	16
838	Electrospun nanofibers for cancer diagnosis and therapy. 2016 , 4, 922-32	107
837	Poly(3-hydroxybutyrate)/caffeic acid electrospun fibrous materials coated with polyelectrolyte complex and their antibacterial activity and in vitro antitumor effect against HeLa cells. 2016 , 65, 379-92	31
836	2D imprinted substrates and 3D electrospun scaffolds revolutionize biomedicine. 2016 , 11, 989-92	11
835	Review for application of electrospinning and electrospun nanofibers technology in textile industry. 2016 , 6, 207-213	211
834	Twenty-five years of nano-bio-materials: have we revolutionized healthcare?. 2016 , 11, 985-7	14
833	The multifunctional wound dressing with core-shell structured fibers prepared by coaxial electrospinning. 2016 , 10, 113-121	31
832	Viscosity of Water under Electric Field: Anisotropy Induced by Redistribution of Hydrogen Bonds. 2016 , 120, 4818-27	22

831	Electrospinning: Current Status and Future Trends. 2016 , 89-154	14
830	In vitro models for evaluating safety and efficacy of novel technologies for skin drug delivery. <i>Journal of Controlled Release</i> , 2016 , 242, 89-104	11.7 39
829	HMDSO-plasma coated electrospun fibers of poly(cyclodextrin)s for antifungal dressings. 2016 , 513, 518-527	15
828	Top-Down Approach for the Preparation of Highly Porous PLLA Microcylinders. 2016 , 2, 2099-2107	7
827	Advances in electrospinning: The production and application of nanofibres and nanofibrous structures. 2016 , 48, 119-219	23
826	Nanoparticle- and Nanofiber-Based Polymer Nanocomposites: An Overview. 2016 , 1-38	7
825	Electrospinning applications from diagnosis to treatment of diabetes. 2016 , 6, 83638-83655	38
824	Rationally designed particle preloading method to improve protein delivery performance of electrospun polyester nanofibers. 2016 , 512, 204-212	11
823	Fabrication of poly(vinyl alcohol) nanofibers by wire electrode-incorporated electrospinning. 2016 , 17, 1217-1226	9
822	Electrospun biocompatible core/shell polymer-free core structure nanofibers with superior antimicrobial potency against multi drug resistance organisms. 2016 , 101, 151-157	42
821	In vitro and in silico investigation of electrospun terbinafine hydrochloride-loaded buccal nanofibrous sheets. 2016 , 131, 156-159	13
820	Electrospun fibers as potential carrier systems for enhanced drug release of perphenazine. 2016 , 511, 190-197	19
819	Confinement of thermoresponsive microgels into fibres via colloidal electrospinning: experimental and statistical analysis. 2016 , 6, 76370-76380	11
818	Intermolecular Interactions and the Release Pattern of Electrospun Curcumin-Polyvinyl(pyrrolidone) Fiber. 2016 , 39, 163-73	68
817	Non-isothermal crystallization kinetics, thermal degradation behavior and mechanical properties of poly(lactic acid)/MOF composites prepared by melt-blending methods. 2016 , 6, 71461-71471	36
816	A Luteolin-Loaded Electrospun Fibrous Implantable Device for Potential Therapy of Gout Attacks. 2016 , 16, 1598-1609	14
815	Superhydrophobic materials for biomedical applications. 2016 , 104, 87-103	246
814	Protein cages and synthetic polymers: a fruitful symbiosis for drug delivery applications, bionanotechnology and materials science. 2016 , 45, 6213-6249	105

813	Griffithsin-Modified Electrospun Fibers as a Delivery Scaffold To Prevent HIV Infection. 2016 , 60, 6518-6531	33
812	Stimuli-sensitive thiolated hyaluronic acid based nanofibers: synthesis, preclinical safety and in vitro anti-HIV activity. 2016 , 11, 2935-2958	31
811	In pursuit of functional electrospun materials for clinical applications in humans. 2016 , 7, 387-409	28
810	Electrospinning of polycaprolatone nanofibers with DMF additive: The effect of solution properties on jet perturbation and fiber morphologies. 2016 , 17, 751-759	30
809	Sulfanilamide and silver nanoparticles-loaded polyvinyl alcohol-chitosan composite electrospun nanofibers: Synthesis and evaluation on synergism in wound healing. 2016 , 39, 127-135	58
808	Preparation of asiaticoside-loaded coaxially electrospinning nanofibers and their effect on deep partial-thickness burn injury. 2016 , 83, 33-40	50
807	A reactive coarse-grained model for polydisperse polymers. 2016 , 98, 88-99	9
806	Fabrication of polyamide-6 fiber of high SO ₃ H content surface through electrospinning. 2016 , 98, 11-19	5
805	Bioactive, Elastic, and Biodegradable Emulsion Electrospun DegraPol Tube Delivering PDGF-BB for Tendon Rupture Repair. 2016 , 16, 1048-63	25
804	Electrospun fibers for oil/water separation. 2016 , 6, 12868-12884	137
803	Electrospinning and crosslinking of COL/PVA Nanofiber-microsphere Containing Salicylic Acid for Drug Delivery. 2016 , 13, 143-149	68
802	Applications of cyclodextrins in medical textiles - review. <i>Journal of Controlled Release</i> , 2016 , 224, 146-157.	97
801	Steady state electrospinning of uniform polyethersulfone nanofibers using a non-heated solvent mixture. 2016 , 6, 837-845	4
800	Fibrous scaffolds for building hearts and heart parts. 2016 , 96, 83-102	78
799	Functionally graded polymeric materials: A brief review of current fabrication methods and introduction of a novel fabrication method. 2016 , 64, 102-107	16
798	Core-Shell Electrospun Fibers Encapsulating Chromophores or Luminescent Proteins for Microscopically Controlled Molecular Release. 2016 , 13, 729-36	19
797	Electrochemical properties of PVA/GO/PEDOT nanofibers prepared using electrospinning and electropolymerization techniques. 2016 , 6, 17720-17727	35
796	Allantoin-loaded porous silica nanoparticles/polycaprolactone nanofiber composites: fabrication, characterization, and drug release properties. 2016 , 6, 4593-4600	26

795	Preparation and pharmaceutical evaluation of acetaminophen nano-fiber tablets: Application of a solvent-based electrospinning method for tableting. 2016 , 78, 14-22	19
794	Dual-factor loaded functional silk fibroin scaffolds for peripheral nerve regeneration with the aid of neovascularization. 2016 , 6, 7683-7691	29
793	Electrospinning composite nanofibers of polyacrylonitrile/synthetic Na-montmorillonite. 2016 , 35, 146-152	30
792	Production of ascorbic acid releasing biomaterials for pelvic floor repair. 2016 , 29, 188-197	27
791	Reducing the content of carrier polymer in pectin nanofibers by electrospinning at low loading followed with selective washing. 2016 , 59, 885-893	36
790	Bicomponent electrospun scaffolds to design extracellular matrix tissue analogs. 2016 , 13, 83-102	43
789	Glucose sensors based on electrospun nanofibers: a review. 2016 , 408, 1285-306	81
788	A portable electrospinning apparatus based on a small solar cell and a hand generator: design, performance and application. 2016 , 8, 209-13	39
787	Fabrication of ampicillin/starch/polymer composite nanofibers with controlled drug release properties by electrospinning. 2016 , 77, 594-603	14
786	An update on clinical applications of electrospun nanofibers for skin bioengineering. 2016 , 44, 1350-64	54
785	Plateau-Rayleigh Instability Morphology Evolution (PRIME): From Electrospun Core-Shell Polymer Fibers to Polymer Microbowls. 2017 , 38, 1600689	11
784	Slow release of levofloxacin conjugated on silica nanoparticles from poly(e-caprolactone) nanofibers. 2017 , 66, 507-513	8
783	Recent Advances of Electrospun Nanofibrous Membranes in the Development of Chemosensors for Heavy Metal Detection. 2017 , 13, 1604293	56
782	Syringeless Electrospinning toward Versatile Fabrication of Nanofiber Web. 2017 , 7, 41424	46
781	Continuous manufacturing of nanofiber yarn with the assistance of suction wind and rotating collection via needleless melt electrospinning. 2017 , 134,	12
780	Preparation, characterization, and diffusion study of nonwoven electrospun nanofiber of curcumin-loaded cellulose acetate phthalate polymer. 2017 , 25, 921-926	32
779	Synthesis and characterization of polyvinyl alcohol- carboxymethyl tamarind gum based composite films. 2017 , 165, 159-168	25
778	Unlocking Nanocarriers for the Programmed Release of Antimalarial Drugs. 2017 , 1, 1600011	7

777	A solvent degradation approach to expose nanoparticles by decreasing nanofibers' diameter. 2017 , 138, 126-132	
776	Electrospun starch nanofibers: Recent advances, challenges, and strategies for potential pharmaceutical applications. <i>Journal of Controlled Release</i> , 2017 , 252, 95-107	11.7 113
775	Organic Polymeric Nanomaterials as Advanced Tools in the Fight Against Antibiotic-Resistant Infections. 2017 , 153-265	1
774	Flexible and Highly Biocompatible Nanofiber-Based Electrodes for Neural Surface Interfacing. 2017 , 11, 2961-2971	45
773	Development of Oromucosal Dosage Forms by Combining Electrospinning and Inkjet Printing. 2017 , 14, 808-820	24
772	Incorporation of PLLA micro-fillers for mechanical reinforcement of calcium-phosphate cement. 2017 , 71, 286-294	24
771	Antibacterial thermoplastic polyurethane electrospun fiber mats prepared by 3-aminopropyltriethoxysilane-assisted adsorption of Ag nanoparticles. 2017 , 35, 713-720	20
770	Cyclosporine A Loaded Electrospun Poly(D,L-Lactic Acid)/Poly(Ethylene Glycol) Nanofibers: Drug Carriers Utilizable in Local Immunosuppression. 2017 , 34, 1391-1401	17
769	Fabrication, optimization and characterization of electrospun poly(caprolactone)/gelatin/graphene nanofibrous mats. 2017 , 78, 218-229	56
768	Electrospun Nanofibrous Silk Fibroin Membranes Containing Gelatin Nanospheres for Controlled Delivery of Biomolecules. 2017 , 6, 1700014	36
767	Cyclodextrin nanosystems in oral drug delivery: A mini review. 2017 , 531, 521-531	87
766	Bioinspired Mechano-Sensitive Macroporous Ceramic Sponge for Logical Drug and Cell Delivery. 2017 , 4, 1600410	13
765	Heterogeneous Crystallization Inside Microporous Polymer Particles as a Process Intensification Technology for the Manufacture of Drug Formulations. 2017 , 21, 827-834	11
764	Solvent-free electrospinning: opportunities and challenges. 2017 , 8, 333-352	55
763	Basil seed mucilage as a new source for electrospinning: Production and physicochemical characterization. 2017 , 95, 689-695	57
762	Porous fibres with encapsulated functional materials and tunable release. 2017 , 34, 383-394	4
761	Fabrication and characterization of two-layered nanofibrous membrane for guided bone and tissue regeneration application. 2017 , 80, 75-87	64
760	Physical, morphological, and biological studies on PLA/nHA composite nanofibrous webs containing Equisetum arvense herbal extract for bone tissue engineering. 2017 , 134, 45343	29

759	Electrospun polymeric micro/nanofibrous scaffolds for long-term drug release and their biomedical applications. 2017 , 22, 1351-1366	79
758	Nanofibrous and nanoparticle materials as drug-delivery systems. 2017 , 239-270	8
757	Bioengineered liposome-scaffold composites as therapeutic delivery systems. 2017 , 8, 425-445	16
756	Optimization, synthesis, and characterization of coaxial electrospun sodium carboxymethyl cellulose-graft-methyl acrylate/poly(ethylene oxide) nanofibers for potential drug-delivery applications. 2017 , 173, 645-653	44
755	Hyperbranched PDLA-polyglycerol: A novel additive for tuning PLLA electrospun fiber degradation and properties. 2017 , 91, 21-30	9
754	Electrospinning of thermoplastic carboxymethyl cellulose/poly(ethylene oxide) nanofibers for use in drug-release systems. 2017 , 77, 1117-1127	46
753	Tetracycline hydrochloride-loaded electrospun nanofibers mats based on PVA and chitosan for wound dressing. 2017 , 77, 271-281	163
752	Doxycycline-loaded coaxial nanofiber coating of titanium implants enhances osseointegration and inhibits Staphylococcus aureus infection. 2017 , 12, 045008	26
751	Preparation of active 3D film patches via aligned fiber electrohydrodynamic (EHD) printing. 2017 , 7, 43924	67
750	Sustained drug release from multi-layered sequentially crosslinked electrospun gelatin nanofiber mesh. 2017 , 76, 782-786	36
749	Voltage-Responsive Controlled Release Film with Cargo Release Self-Monitoring Property Based on Hydrophobicity Switching. 2017 , 9, 10992-10999	7
748	Poly(hydroxybutyrate-co-hydroxyvalerate) and bovine serum albumin blend prepared by electrospinning. 2017 , 134, 45090	9
747	Biocompatible electrospinning chitosan nanofibers: A novel delivery system with superior local cancer therapy. 2017 , 159, 1-10	86
746	Polyvinyl alcohol composite nanofibres containing conjugated levofloxacin-chitosan for controlled drug release. 2017 , 73, 440-446	49
745	Incorporation of amoxicillin-loaded organic montmorillonite into poly(ester-urethane) urea nanofibers as a functional tissue engineering scaffold. 2017 , 151, 314-323	25
744	Regenerated cellulose micro-nano fiber matrices for transdermal drug release. 2017 , 74, 485-492	35
743	Plasma treatments of dressings for wound healing: a review. 2017 , 9, 895-917	15
742	Fabrication and Characterization of Griffithsin-modified Fiber Scaffolds for Prevention of Sexually Transmitted Infections. 2017 ,	2

741	Protein-loaded emulsion electrospun fibers optimized for bioactivity retention and pH-controlled release for peroral delivery of biologic therapeutics. 2017 , 533, 99-110	24
740	Investigating the performance of drug delivery system of fluconazole made of nano-micro fibers coated on cotton/polyester fabric. 2017 , 28, 175	10
739	Photocrosslinkable electrospun fiber meshes for tissue engineering applications. 2017 , 97, 210-219	23
738	Design of biomimetic cellular scaffolds for co-culture system and their application. 2017 , 8, 2041731417724640,8	4
737	Exploration of Macroporous Polymeric Sponges As Drug Carriers. 2017 , 18, 3215-3221	50
736	Facile one-pot synthesis of hollow mesoporous fluorescent Gd ₂ O ₃ :Eu/calcium phosphate nanospheres for simultaneous dual-modal imaging and pH-responsive drug delivery. 2017 , 147, 514-522	9
735	Preparation, characterization and hydrolytic degradation of PLA/PCL co-mingled nanofibrous mats prepared via dual-jet electrospinning. 2017 , 96, 266-277	56
734	Development and characterisation of electrospun timolol maleate-loaded polymeric contact lens coatings containing various permeation enhancers. 2017 , 532, 408-420	39
733	Self-Powered Electrospinning System Driven by a Triboelectric Nanogenerator. 2017 , 11, 10439-10445	116
732	Preparation and characterization of electrospun alginate nanofibers loaded with ciprofloxacin hydrochloride. 2017 , 96, 350-360	52
731	Electrospun PCL-PIBMD/SF blend scaffolds with plasmid complexes for endothelial cell proliferation. 2017 , 7, 39452-39464	20
730	Antibiotic incorporation in jet-sprayed nanofibrillar biodegradable scaffolds for wound healing. 2017 , 532, 802-812	13
729	A critical review on the prospect of polyaniline-grafted biodegradable nanocomposite. 2017 , 249, 2-16	48
728	Hydroxyapatite stabilized pickering emulsions of poly(E-caprolactone) and their composite electrospun scaffolds. 2017 , 533, 224-230	11
727	Possible role of nanocarriers in drug delivery against cervical cancer. 2017 , 8, 1335567	34
726	Preparation of Polymeric Mats Through Electrospinning for Technological Uses. 2017 , 83-128	1
725	Effects of plasma treatment on biocompatibility of poly[(L-lactide)-co-(ε-caprolactone)] and poly[(L-lactide)-co-glycolide] electrospun nanofibrous membranes. 2017 , 66, 1640-1650	10
724	Superhydrophobic, Reversibly Elastic, Moldable, and Electrospun (SupREME) Fibers with Multimodal Functions: From Oil Absorbents to Local Drug Delivery Adjuvants. 2017 , 27, 1702310	42

723	Modeling of downstream heating in melt electrospinning of polymers. 2017 , 55, 1393-1405	11
722	Controlled release of a hydrophilic drug from electrospun amyloid-like protein blend nanofibers. 2017 , 81, 271-279	19
721	Progress and perspectives in bioactive agent delivery via electrospun vascular grafts. 2017 , 7, 32164-32184	20
720	Electrospun silk fibroin/PAN double-layer nanofibrous membranes containing polyaniline/TiO ₂ nanoparticles for anionic dye removal. 2017 , 24, 1	27
719	A comparison of high throughput core-shell 2D electrospinning and 3D centrifugal spinning techniques to produce platelet lyophilisate-loaded fibrous scaffolds and their effects on skin cells. 2017 , 7, 53706-53719	15
718	From Electrospun Polymer Core-shell Fibers to Polymer Hemispheres and Spheres: Two Types of Transformation Processes and Tearing Films with Linearly Arranged Cavities. 2017 , 50, 9024-9031	10
717	Nanofiber electrospinning in samarium complex-doped PMMA. 2017 , 41, 15195-15203	8
716	Synthesis of La ₂ O ₃ doped Zn ₂ SnO ₄ hollow fibers by electrospinning method and application in detecting of acetone. 2017 , 425, 585-593	29
715	Supramolecular Host-Guest Interaction-Enhanced Adjustable Drug Release Based on Cyclodextrin-Functionalized Thermoresponsive Porous Polymer Films. 2017 , 33, 7393-7402	14
714	Light-induced release of molecules from polymers. 2017 , 74, 1-33	72
713	Electrospun-based systems in cancer therapy. 2017 , 337-356	9
712	Fabrication of micro-alginate gel tubes utilizing micro-gelatin fibers. 2017 , 56, 05EB06	1
711	3D Near-Field Electrospinning of Biomaterial Microfibers with Potential for Blended Microfiber-Cell-Loaded Gel Composite Structures. 2017 , 6, 1700456	37
710	Biocompatibility and drug release behavior of curcumin conjugated gold nanoparticles from aminosilane-functionalized electrospun poly(N-vinyl-2-pyrrolidone) fibers. 2017 , 516, 158-169	22
709	Effects of pectin structure and crosslinking method on the properties of crosslinked pectin nanofibers. 2017 , 157, 766-774	49
708	Electrospinning versus microfluidic spinning of functional fibers for biomedical applications. 2017 , 114, 121-143	222
707	Electrospinning of food proteins and polysaccharides. 2017 , 68, 53-68	163
706	Gold nanoparticles assembly on electrospun poly(vinyl alcohol)/poly(ethyleneimine)/glucose oxidase nanofibers for ultrasensitive electrochemical glucose biosensing. 2017 , 238, 392-401	66

705	Fabrication of Core/Shell Nanofibers with Desirable Mechanical and Antibacterial Properties by Pickering Emulsion Electrospinning. 2017 , 302, 1600364	33
704	Stochastic Simulation of Diffusive Behavior of Macromolecules Encapsulated in Electrospun Fibers: A Parametric Study. 2017 ,	
703	Hierarchical As-Electrospun Self-Assembled Fibrous Scaffolds Deconvolute Impacts of Chemically Defined Extracellular Matrix- and Cell Adhesion-Type Interactions on Stem Cell Haptokinesis. 2017 , 6, 1420-1425	6
702	Influence of the molecular weight of polymer, solvents and operational condition in the electrospinning of polycaprolactone. 2017 , 35-45	6
701	Electrospinning. 2017 , 3-41	6
700	Electrospun Nanofibers in Drug Delivery: Fabrication, Advances, and Biomedical Applications. 2017 , 189-215	6
699	[When textiles help your recovery]. 2017 , 33, 73-80	2
698	A Review of Injectable and Implantable Biomaterials for Treatment and Repair of Soft Tissues in Wound Healing. 2017 , 2017, 1-15	8
697	Robot-aided electrospinning toward intelligent biomedical engineering. 2017 , 4, 17	5
696	Erythropoietin-Loaded Nanofibrous Patch for Regeneration of Infarcted Myocardium. 2017 ,	
695	Electrospinning of Core-Shell Fibers for Drug Release Systems. 2017 , 5, 17-30	6
694	Electrospun Fibers of Cyclodextrins and Poly(cyclodextrins). 2017 , 22,	34
693	A comprehensive review summarizing the effect of electrospinning parameters and potential applications of nanofibers in biomedical and biotechnology. 2018 , 11, 1165-1188	721
692	Heparin-Eluting Electrospun Nanofiber Yarns for Antithrombotic Vascular Sutures. 2018 , 10, 8426-8435	27
691	Development of sodium alginate/PVA antibacterial nanofibers by the incorporation of essential oils. 2018 , 5, 035007	45
690	Estradiol-Loaded Poly(ε-caprolactone)/Silk Fibroin Electrospun Microfibers Decrease Osteoclast Activity and Retain Osteoblast Function. 2018 , 10, 9988-9998	19
689	Viscoelastic behavior of core-shell structured nanofibers of PLA and PVA produced by coaxial electrospinning. 2018 , 67, 136-143	24
688	Development of random and ordered composite fiber hybrid technologies for controlled release functions. 2018 , 343, 379-389	22

687	Computational Modeling of Antiviral Drug Diffusion from Poly(lactic- co-glycolic-acid) Fibers and Multicompartment Pharmacokinetics for Application to the Female Reproductive Tract. 2018 , 15, 1534-1547	7
686	Functional Nanofiber for Drug Delivery Applications. 2018 , 1-55	2
685	Recent advances in brain tumor therapy: application of electrospun nanofibers. 2018 , 23, 912-919	24
684	Preparation of poloxamer-based nanofibers for enhanced dissolution of carvedilol. 2018 , 117, 331-340	21
683	Thrombin-Loaded Poly(butylene succinate)-Based Electrospun Membranes for Rapid Hemostatic Application. 2018 , 303, 1700395	18
682	Electrospinning of doxorubicin loaded silica/poly(ε-caprolactone) hybrid fiber mats for sustained drug release. 2018 , 9, 025002	6
681	Knitted Silk Fibroin-Reinforced Bead-on-String Electrospun Fibers for Sustained Drug Delivery Against Colon Cancer. 2018 , 303, 1700666	7
680	Biologically Inspired Materials in Tissue Engineering. 2018 , 113-147	1
679	Antimicrobial Carvacrol in Solution Blow-Spun Fish-Skin Gelatin Nanofibers. 2018 , 83, 984-991	8
678	Electrospun Polyhydroxybutyrate/Poly(ε-caprolactone)/Sol-Gel-Derived Silica Hybrid Scaffolds with Drug Releasing Function for Bone Tissue Engineering Applications. 2018 , 10, 14540-14548	43
677	Improved Mechanical Properties of Poly(butylene succinate) Membrane by Co-electrospinning with Gelatin. 2018 , 36, 1063-1069	12
676	Design strategies for physical-stimuli-responsive programmable nanotherapeutics. 2018 , 23, 992-1006	49
675	Gallic acid loaded PEO-core/zein-shell nanofibers for chemopreventive action on gallbladder cancer cells. 2018 , 119, 49-61	32
674	Liquid-Evaporation-Assisted Self-Folding of One-Dimensional Nanomaterials. 2018 , 122, 3078-3090	5
673	Tetrahydro curcumin loaded PCL-PEG electrospun transdermal nanofiber patch: Preparation, characterization, and in vitro diffusion evaluations. 2018 , 44, 342-348	26
672	Design of functional electrospun nanofibers for cancer cell capture applications. 2018 , 6, 1420-1432	31
671	Improved properties and drug delivery behaviors of electrospun cellulose acetate nanofibrous membranes by introducing carboxylated cellulose nanocrystals. 2018 , 25, 1883-1898	14
670	Porous Polymer Bearing Polyphenolic Organic Building Units as a Chemotherapeutic Agent for Cancer Treatment. 2018 , 3, 529-535	10

669	Synthesis of PCL-branched P(MMA-co-HEMA) to toughen electrospun PLLA fiber membrane. 2018 , 29, 442-450	7
668	Design and characterization of monolaurin loaded electrospun shellac nanofibers with antimicrobial activity. 2018 , 13, 459-471	14
667	Preparation of origanum minutiflorum oil-loaded core-shell structured chitosan nanofibers with tunable properties. 2018 , 75, 4129-4144	7
666	Effect of resveratrol release kinetic from electrospun nanofibers on osteoblast and osteoclast differentiation. 2018 , 99, 289-297	29
665	Development of a PCL-silica nanoparticles composite membrane for Guided Bone Regeneration. 2018 , 85, 154-161	64
664	Fabrication of Electrospun Eugenol/Cyclodextrin Inclusion Complex Nanofibrous Webs for Enhanced Antioxidant Property, Water Solubility, and High Temperature Stability. 2018 , 66, 457-466	61
663	Electrospun Sandwich-Structure Composite Membranes for Wound Dressing Scaffolds with High Antioxidant and Antibacterial Activity. 2018 , 303, 1700270	10
662	Polycaprolactone nanofibres loaded with 20()-protopanaxadiol for and anti-tumour activity study. 2018 , 5, 180137	10
661	Novel functionalized nanomaterials for the effective enrichment of proteins and peptides with post-translational modifications. 2018 , 181, 170-189	7
660	Enhancing the functional output of transplanted islets in diabetic mice using a drug-eluting scaffold. 2018 , 12, 5	2
659	Electrospinning: An enabling nanotechnology platform for drug delivery and regenerative medicine. 2018 , 132, 188-213	197
658	Bioactive bacterial cellulose sulfate electrospun nanofibers for tissue engineering applications. 2018 , 12, 1634-1645	15
657	Highly efficient antimicrobial electrospun PVP/CS/PHMGH nanofibers membrane: preparation, antimicrobial activity and in vitro evaluations. 2018 , 44, 4957-4970	6
656	Nanofibers for Medical Diagnosis and Therapy. 2018 , 1-37	
655	Efficacy of poly(lactic acid)/carvacrol electrospun membranes against Staphylococcus aureus and Candida albicans in single and mixed cultures. 2018 , 102, 4171-4181	46
654	Novel biocompatible zinc-curcumin loaded coaxial nanofibers for bone tissue engineering application. 2018 , 142, 244-255	44
653	Processing, structure, property relationships and release kinetics of electrospun PLA/Carvacrol membranes. 2018 , 100, 165-171	36
652	Orientation measurement of graphically simulated nanoscale electrospun fibrous structures using particle-based modeling and 2-D metaball fitting. 2018 , 30, 122-136	

651	Nanofibers of cellulose bagasse from Agave tequilana Weber var. azul by electrospinning: preparation and characterization. 2018 , 192, 69-74	24
650	Structure, thermal and luminescence properties of Eu/Tb(BA) ₃ phen/PAN fibers fabricated by electrospinning. 2018 , 78, 445-451	11
649	Dual-responsive drug delivery systems prepared by blend electrospinning. 2018 , 543, 1-7	24
648	Plant protein-based hydrophobic fine and ultrafine carrier particles in drug delivery systems. 2018 , 38, 47-67	57
647	Polymeric drug delivery systems for intraoral site-specific chemoprevention of oral cancer. 2018 , 106, 1383-1413	17
646	Development of Novel Doxorubicin Loaded Biodegradable Polymeric Nanofibers as the Anticancer Drug Delivery Systems. 2018 , 8, 60-66	4
645	Catechin loaded PLGA submicron-sized fibers reduce levels of reactive oxygen species induced by MWCNT in vitro. 2018 , 122, 78-86	11
644	Preparation of nanoclay incorporated PAN fibers by electrospinning technique and its application for oil and organic solvent absorption. 2018 , 53, 303-311	7
643	Electrospun nanofibers from cyclodextrin inclusion complexes with cineole and p-cymene: enhanced water solubility and thermal stability. 2018 , 53, 112-120	24
642	Biodegradable Polymeric Injectable Implants for Long-Term Delivery of Contraceptive Drugs. 2018 , 135, 46068	41
641	A review on chitosan and its nanocomposites in drug delivery. 2018 , 109, 273-286	548
640	An implantable depot capable of in situ generation of micelles to achieve controlled and targeted tumor chemotherapy. 2018 , 67, 122-133	14
639	In vitro and in vivo biological characterization of poly(lactic acid) fiber scaffolds synthesized by air jet spinning. 2018 , 106, 2435-2446	13
638	Synthesis and employment of PEGDA for fabrication of superhydrophilic PVDF/PEGDA electrospun nanofibrous membranes by in-situ visible photopolymerization. 2018 , 35, 289-297	10
637	Multilayered electrospun nanofibrous scaffolds for tailored controlled release of embelin. 2018 , 16, 51-61	4
636	Hybrid nanofibers based on poly-caprolactone/gelatin/hydroxyapatite nanoparticles-loaded Doxycycline: Effective anti-tumoral and antibacterial activity. 2018 , 83, 25-34	57
635	Fabrication of chitosan/poly(lactic acid)/graphene oxide/TiO composite nanofibrous scaffolds for sustained delivery of doxorubicin and treatment of lung cancer. 2018 , 110, 416-424	56
634	Nanomedicine and advanced technologies for burns: Preventing infection and facilitating wound healing. 2018 , 123, 33-64	194

633	A gene-activating skin substitute comprising PLLA/POSS nanofibers and plasmid DNA encoding ANG and bFGF promotes in vivo revascularization and epidermalization. 2018 , 6, 6977-6992	9
632	Effect of Solvent Vapor Treatment on Electrospun Nylon 6,6 Nanofiber Membrane. 2018 , 429, 012019	3
631	Innovative Methodology of On-Line Point Cloud Data Compression for Free-Form Surface Scanning Measurement. 2018 , 8, 2556	1
630	Photochromic Nanofibers. 2018 ,	0
629	Bulk Modification of Poly(lactide) (PLA) via Copolymerization with Poly(propylene glycol) Diglycidylether (PPGDGE). 2018 , 10,	10
628	Coated electrospun alginate-containing fibers as novel delivery systems for regenerative purposes. 2018 , 13, 6531-6550	22
627	Fabrication and Characterization of Core-Shell Nanofibers Using a Next-Generation Airbrush for Biomedical Applications. 2018 , 10, 41924-41934	24
626	An investigation on quilled nozzle-less electrospinning in comparison with conventional methods for producing PAN nanofibers. 2018 , 5,	1
625	Eumelanin Nanoparticle-Incorporated Polyvinyl Alcohol Nanofibrous Composite as an Electroconductive Scaffold for Skeletal Muscle Tissue Engineering.. 2018 , 1, 1893-1905	7
624	Fabrication and Characterization of Electrospun Nanofibers for the Modified Release of the Chronobiotic Hormone Melatonin. 2019 , 16, 79-85	29
623	Poly(βAmino Esters): Synthesis, Formulations, and Their Biomedical Applications. 2019 , 8, e1801359	35
622	A drug eluting poly(trimethylene carbonate)/poly(lactic acid)-reinforced nanocomposite for the functional delivery of osteogenic molecules. 2018 , 13, 5701-5718	9
621	Controlling the surface structure of electrospun fibers: Effect on endothelial cells and blood coagulation. 2018 , 13, 051001	2
620	Electrospun PCL/mupirocin and chitosan/lidocaine hydrochloride multifunctional double layer nanofibrous scaffolds for wound dressing applications. 2018 , 13, 5287-5299	39
619	Centrifugally spun ultrafine starch/PEO fibres as release formulation for poorly water-soluble drugs. 2018 , 13, 1688-1692	15
618	Smart Drug Delivery from Electrospun Fibers through Electroresponsive Polymeric Nanoparticles.. 2018 , 1, 1594-1605	29
617	Electrospun 3D Scaffolds for Tissue Regeneration. 2018 , 1078, 29-47	4
616	Medicated Straws Based on Electrospun Solid Dispersions. 2018 , 62, 310-316	6

615	Solvent retention in electrospun fibers affects scaffold mechanical properties. 2018 , 2, 15-28	15
614	The effects of cross-linked/uncross-linked electrospun fibrinogen/polycaprolactone nanofibers on the proliferation of normal human epidermal keratinocytes. 2018 , 38, 945-953	3
613	Homogenization of Amorphous Solid Dispersions Prepared by Electrospinning in Low-Dose Tablet Formulation. 2018 , 10,	9
612	Review of the fabrication techniques and applications of polymeric electrospun nanofibers for drug delivery systems. 2018 , 48, 82-87	54
611	Enhanced drug delivery, mechanical properties and antimicrobial activities in poly(lactic acid) nanofiber with mesoporous Fe ₃ O ₄ -COOH nanoparticles. 2018 , 559, 104-114	48
610	Advanced fabrication approaches to controlled delivery systems for epilepsy treatment. 2018 , 15, 915-925	11
609	Nanoscale and Macroscale Scaffolds with Controlled-Release Polymeric Systems for Dental Craniomaxillofacial Tissue Engineering. 2018 , 11,	21
608	Electrospun Bead-on-String Fibers: Useless or Something of Value?. 2018 ,	3
607	Mangosteen pericarp extract embedded in electrospun PVP nanofiber mats: physicochemical properties and release mechanism of mangostin. 2018 , 13, 4927-4941	40
606	Delivering miRNA modulators for cancer treatment. 2018 , 517-565	3
605	Early stage release control of an anticancer drug by drug-polymer miscibility in a hydrophobic fiber-based drug delivery system.. 2018 , 8, 19791-19803	26
604	Local delivery of deep marine fungus-derived equisetin from polyvinylpyrrolidone (PVP) nanofibers for anti-MRSA activity. 2018 , 350, 157-163	13
603	Biopolymers for Antitumor Implantable Drug Delivery Systems: Recent Advances and Future Outlook. 2018 , 30, e1706665	109
602	Electrospun plant mucilage nanofibers as biocompatible scaffolds for cell proliferation. 2018 , 115, 1218-1224	15
601	Affinity Membranes for Capture of Cells and Biological Substances. 2018 , 175-195	1
600	Potential of rhBMP-2 and dexamethasone-loaded Zein/PLLA scaffolds for enhanced in vitro osteogenesis of mesenchymal stem cells. 2018 , 169, 384-394	24
599	Physical properties and morphology of electrospun composite fiber mats of polyhydroxyalkanoate containing nanoclay and tricalcium phosphate additives. 2018 , 369, 012013	1
598	Development of Superhydrophobic Microfibers for Bandage Coatings. 2018 , 19, 1207-1218	5

597	Multifunctional Electrospun Nanofibers for Enhancing Localized Cancer Treatment. 2018 , 14, e1801183	27
596	Polymeric nanofibers for controlled drug delivery applications. 2018 , 147-175	7
595	Gold nanorod-assembled ZnGaO:Cr nanofibers for LED-amplified gene silencing in cancer cells. 2018 , 10, 13432-13442	19
594	Magnetic nanoparticle-loaded electrospun poly(ϵ -caprolactone) nanofibers for drug delivery applications. 2018 , 8, 1461-1469	22
593	Fast dissolving drug delivery membrane based on the ultra-thin shell of electrospun core-shell nanofibers. 2018 , 122, 195-204	77
592	In Vivo and In Vitro Elution of Analgesics from Multilayered Poly(D,L)-lactide-co-glycolide Nanofibers Incorporated Ureteral Stents. 2018 , 2018, 1-7	2
591	Electrospun nanofiber scaffolds. 2018 , 509-573	13
590	Paclitaxel-Loaded Polylactide/Polyethylene Glycol Fibers with Long-Term Antitumor Activity as a Potential Drug Carrier for Local Chemotherapy. 2018 , 18, e1800011	8
589	Interfused nanofibres network in scalable manufacturing of polymeric fibres via multi-nozzle electrospinning. 2018 , 13, 536-540	2
588	Electrospun Antimicrobial Wound Dressings: Novel Strategies to Fight Against Wound Infections. 2018 , 213-253	3
587	Electrospinning and electrospray of bio-based and natural polymers for biomaterials development. 2018 , 92, 969-982	120
586	Antibiofilm activity of synthesized electrospun core-shell nanofiber composites of PLA and PVA with silver nanoparticles. 2018 , 5, 095001	7
585	An Experimental Approach to the Synthesis and Optimisation of a 'Green' Nanofibre. 2018 , 8,	22
584	Loading BMP-2 on nanostructured hydroxyapatite microspheres for rapid bone regeneration. 2018 , 13, 4083-4092	24
583	Electrospun mucosal wound dressings containing styptics for bleeding control. 2018 , 93, 419-428	7
582	A bird's eye view of nanoparticles prepared by electro spraying: advancements in drug delivery field. <i>Journal of Controlled Release</i> , 2018 , 286, 179-200	11.7 41
581	Preparation and Characterization of Tetrahydrocurcumin-Loaded Cellulose Acetate Phthalate/Polyethylene Glycol Electrospun Nanofibers. 2018 , 19, 3000-3008	3
580	Polymer Based Nanofibers: Preparation, Fabrication, and Applications. 2018 , 1-47	5

579	3D Printing and Electrospinning of Composite Hydrogels for Cartilage and Bone Tissue Engineering. 2018 , 10,	96
578	In Situ Cross-Linked Nanofibers by Aqueous Electrospinning of Selenol-Functionalized Poly(2-oxazoline)s. 2018 , 51, 6149-6156	17
577	Drug release kinetics of electrospun fibrous systems. 2018 , 349-374	5
576	Applications of core-shell nanofibers. 2018 , 375-404	12
575	Electrospinning of in situ crosslinked recombinant human collagen peptide/chitosan nanofibers for wound healing. 2018 , 6, 2197-2208	44
574	Preparation of Fish Skin Gelatin-Based Nanofibers Incorporating Cinnamaldehyde by Solution Blow Spinning. 2018 , 19,	10
573	Characterization and Microstructure of Linear Electrode-Electrospun Graphene-Filled Polyvinyl Alcohol Nanofiber Films. 2018 , 11,	6
572	Centrifugally Spun Recycled PET: Processing and Characterization. 2018 , 10,	23
571	Blend electrospinning, coaxial electrospinning, and emulsion electrospinning techniques. 2018 , 325-347	21
570	A Review on Biopolymer-Based Fibers via Electrospinning and Solution Blowing and Their Applications. 2018 , 6, 45	76
569	Electrospinning preparation and luminescence properties of Eu ₂ (PBT) ₃ (NO ₃) ₃ /PMMA composite nanofibers. 2018 , 217, 486-492	6
568	Incorporation of nanofibrillated chitosan into electrospun PCL nanofibers makes scaffolds with enhanced mechanical and biological properties. 2018 , 199, 628-640	69
567	Developments in Pressurized Gyration for the Mass Production of Polymeric Fibers. 2018 , 303, 1800218	95
566	Biomedical application and controlled drug release of electrospun fibrous materials. 2018 , 90, 750-763	72
565	Characteristics of micro-glass bead/PLA porous composite prepared by electrospinning. 2018 , 27, 183-193	5
564	Effect of halloysite nanotube structure on physical, chemical, structural and biological properties of elastic polycaprolactone/gelatin nanofibers for wound healing applications. 2018 , 91, 94-102	34
563	Mass Production of Functional Amine-Conjugated PAN Nanofiber Mat via Syringeless Electrospinning and CVD. 2018 , 303, 1700565	8
562	Polycaprolactone/chitosan blend nanofibers loaded by 5-fluorouracil: An approach to anticancer drug delivery system. 2018 , 29, 2972-2981	38

561	Biopolymers for the Nano-microencapsulation of Bioactive Ingredients by Electrohydrodynamic Processing. 2018 , 447-479	6
560	Structural Multifunctional Nanofibers and Their Emerging Applications. 2018 , 1-47	
559	Recent Progress in Coaxial Electrospinning: New Parameters, Various Structures, and Wide Applications. 2018 , 30, e1704765	182
558	A 3D printed wound cooling system incorporated with injectable, adsorbable, swellable and broad spectrum antibacterial scaffolds for rapid hemostasis processing. 2018 , 6, 5940-5948	6
557	Mucoadhesive Chitosan Electrospun Nanofibers Containing Tetracycline and Triamcinolone as a Drug Delivery System. 2018 , 19, 1454-1462	12
556	Electrospun Poly-lactic Acid/Chitosan Nanofibers Loaded with Paclitaxel for Coating of a Prototype Polymeric Stent. 2018 , 19, 1444-1453	13
555	Continuous end-to-end production of solid drug dosage forms: Coupling flow synthesis and formulation by electrospinning. 2018 , 350, 290-299	46
554	Cellulose acetate electrospun nanofibers for drug delivery systems: Applications and recent advances. 2018 , 198, 131-141	165
553	Recent advances in electrospun for drug delivery purpose. 2019 , 27, 270-282	25
552	Enabling electrospinning of medium-chain length polyhydroxyalkanoates (PHAs) by blending with short-chain length PHAs. 2019 , 68, 499-509	7
551	Advances in Nanotechnology Based Functional, Smart and Intelligent Textiles: A Review. 2019 , 253-290	18
550	Preparation of electrospun nanofibers based on wheat gluten containing azathioprine for biomedical application. 2019 , 68, 639-646	11
549	A review on nanofiber fabrication with the effect of high-speed centrifugal force field. 2019 , 14, 155892501986751	
548	Uniform Distribution and Densification of Jets in Needleless Electrospinning Using Annular Tip Nozzle. 2019 , 11,	5
547	Electrospun oral formulations for combined photo-chemotherapy of colon cancer. 2019 , 183, 110411	11
546	Electroactive nanofibers mats based on poly(l-lactic acid)/poly(ortho-ethoxyaniline) blends for biological applications. 2019 , 105, 110045	1
545	Electrospun fibers and their application in drug controlled release, biological dressings, tissue repair, and enzyme immobilization.. 2019 , 9, 25712-25729	90
544	Electrospun PCL/cefuroxime scaffolds with custom tailored topography. 2019 , 14, 41-55	4

543	Co-immobilization of ACH antithrombotic peptide and CAG cell-adhesive peptide onto vascular grafts for improved hemocompatibility and endothelialization. 2019 , 97, 344-359	25
542	Progress in Drug and Formulation Development for the Chemoprevention of Oral Squamous Cell Carcinoma: A Review. 2019 , 13, 16-36	1
541	Encapsulating doxorubicin-intercalated lamellar nanohydroxyapatite into PLGA nanofibers for sustained drug release. 2019 , 19, 1204-1210	9
540	Emerging frontiers in drug release control by core-shell nanofibers: a review. 2019 , 51, 589-611	13
539	Electrospun amorphous solid dispersions of meloxicam: Influence of polymer type and downstream processing to orodispersible dosage forms. 2019 , 569, 118593	20
538	Scaled-Up Production and Tableting of Grindable Electrospun Fibers Containing a Protein-Type Drug. 2019 , 11,	16
537	The Role of Electrospun Fiber Scaffolds in Stem Cell Therapy for Skin Tissue Regeneration. 2019 , 4, e190002	12
536	A glimpse of biodegradable polymers and their biomedical applications. 2019 , 19, 385-410	40
535	Nano-drug delivery systems in wound treatment and skin regeneration. 2019 , 17, 82	92
534	A green approach to obtain stable and hydrophilic cellulose-based electrospun nanofibrous substrates for sustained release of therapeutic molecules.. 2019 , 9, 21288-21301	12
533	Mucoadhesive electrospun nanofibers for drug delivery systems: applications of polymers and the parameters' roles. 2019 , 14, 5271-5285	25
532	A cost effective and facile approach to prepare beadless polycarbonate nanofibers with ultrafine fiber morphology. 2019 , 59, 1799-1809	2
531	Non-coalescence behavior of neutral droplets suspended in oil under a direct current electric field. 2019 , 65, e16739	3
530	Improvement of the Firocoxib Dissolution Performance Using Electrospun Fibers Obtained from Different Polymer/Surfactant Associations. 2019 , 20,	6
529	Local drug delivery systems in the management of periodontitis: A scientific review. <i>Journal of Controlled Release</i> , 2019 , 307, 393-409	11.7 61
528	The effect of collection substrate on electrospun ciprofloxacin-loaded poly(vinylpyrrolidone) and ethyl cellulose nanofibers as potential wound dressing materials. 2019 , 104, 109917	29
527	Data fusion strategies for performance improvement of a Process Analytical Technology platform consisting of four instruments: An electrospinning case study. 2019 , 567, 118473	9
526	A comprehensive review of electrospun nanofibers: Food and packaging perspective. 2019 , 175, 107074	74

525	Functional Nanofiber for Drug Delivery Applications. 2019 , 775-829	2
524	Electrospinning of silica nanoparticles-entrapped nanofibers for sustained gentamicin release. 2019 , 516, 1085-1089	14
523	Poly lactide nanofibers delivering doxycycline for chronic wound treatment. 2019 , 104, 109745	42
522	Core-shell nanofibers of poly (ε-caprolactone) and Polyvinylpyrrolidone for drug delivery system. 2019 , 6, 115015	7
521	Controlled Release of Metformin Hydrochloride from Core-Shell Nanofibers with Fish Sarcoplasmic Protein. 2019 , 55,	7
520	Preformulation Study of Electrospun Haemanthamine-Loaded Amphiphilic Nanofibers Intended for a Solid Template for Self-Assembled Liposomes. 2019 , 11,	7
519	Devices for promising applications. 2019 , 247-314	
518	Crosslinking of Electrospun Fibres from Unsaturated Polyesters by Bis-Triazolinediones (TAD). 2019 , 11,	4
517	Decorating 3D Printed Scaffolds with Electrospun Nanofiber Segments for Tissue Engineering. 2019 , 3, e1900137	14
516	Emulsion Electrospun Fiber Mats of PCL/PVA/Chitosan and Eugenol for Wound Dressing Applications. 2019 , 2019, 1-11	17
515	Combined electrostatic and air driven electrospinning for biomedical applications. 2019 , 37, 062002	0
514	Fabrication and characterization of PEBA fibers by melt and solution electrospinning. 2019 , 8, 6074-6085	11
513	Biopolymer-hydrophobic drug fibers and the delivery mechanisms for sustained release applications. 2019 , 112, 400-410	10
512	Analysis of Drug Release Behavior Utilizing the Swelling Characteristics of Cellulosic Nanofibers. 2019 , 11,	13
511	Effect of sterilization methods on electrospun cellulose acetate butyrate nanofibers for SH-SY5Y cultivation. 2019 , 143, 104339	4
510	The key role of straight fluid jet in predicting the drug dissolution from electrospun nanofibers. 2019 , 569, 118634	51
509	Bioinspired cellular sheath-core electrospun non-woven mesh. 2019 , 2, 127-140	2
508	Design and characterization of dual drug delivery based on in-situ assembled PVA/PAN core-shell nanofibers for wound dressing application. 2019 , 9, 12640	43

507	Preparation of Lutein-Loaded PVA/Sodium Alginate Nanofibers and Investigation of Its Release Behavior. 2019 , 11,	28
506	Novel biodegradable and non-fouling systems for controlled-release based on poly(Ecaprolactone)/Quercetin blends and biomimetic bacterial S-layer coatings.. 2019 , 9, 24154-24163	5
505	Fabrication and Characterization of Carboxymethyl Starch/Poly(L-Lactide) Acid/Tricalcium Phosphate Composite Nanofibers via Electrospinning. 2019 , 11,	11
504	A controllable local drug delivery system based on porous fibers for synergistic treatment of melanoma and promoting wound healing. 2019 , 7, 5084-5096	18
503	Quasi-Dynamic Dissolution of Electrospun Polymeric Nanofibers Loaded with Piroxicam. 2019 , 11,	2
502	Antibacterial and antioxidant assessment of cellulose acetate/polycaprolactone nanofibrous mats impregnated with propolis. 2019 , 140, 1260-1268	52
501	Electrospinning coating of nanoporous anodic alumina for controlling the drug release: Drug release study and modeling. 2019 , 54, 101247	10
500	Effects of Electrospinning on the Viability of Ten Species of Lactic Acid Bacteria in Poly(Ethylene Oxide) Nanofibers. 2019 , 11,	30
499	Silver sulfadiazine loaded zein nanofiber mats as a novel wound dressing.. 2018 , 9, 268-277	44
498	Preparation of Coaxial Polylactic Acid-Propyl Gallate Electrospun Fibers and the Effect of Their Coating on Salmon Slices during Chilled Storage. 2019 , 11, 6463-6474	11
497	Facile Preparation of Self-Assembled Polydopamine-Modified Electrospun Fibers for Highly Effective Removal of Organic Dyes. 2019 , 9,	66
496	Electrospun core-sheath poly(vinyl alcohol)/silk fibroin nanofibers with Rosuvastatin release functionality for enhancing osteogenesis of human adipose-derived stem cells. 2019 , 99, 129-139	27
495	Gelatin-based micro-hydrogel carrying genetically engineered human endothelial cells for neovascularization. 2019 , 95, 285-296	22
494	Processing Aspects and Biomedical and Environmental Applications of Sustainable Nanocomposites Containing Nanofillers. 2019 , 727-757	0
493	Bionanotechnology in Pharmaceutical Research. 2019 , 449-471	2
492	Fabrication and characterization of biopolymer fibers for 3D oriented microvascular structures. 2019 , 29, 083003	5
491	Cinnamon nanophytosomes embedded electrospun nanofiber: Its effects on microbial quality and shelf-life of shrimp as a novel packaging. 2019 , 21, 100349	37
490	Application of different biopolymers for nanoencapsulation of antioxidants via electrohydrodynamic processes. 2019 , 97, 105170	97

489	Photo-crosslinked nanofibrous membranes as advanced low-temperature regenerative desiccant. 2019 , 78, 105947	3
488	Nanostructures of starch for encapsulation of food ingredients. 2019 , 419-462	5
487	UV-triggered CO ₂ -responsive behavior of nanofibers and their controlled drug release properties. 2019 , 57, 1580-1586	8
486	Solution Formulation and Rheology for Fabricating Extracellular Matrix-Derived Fibers Using Low-Voltage Electrospinning Patterning. 2019 , 5, 3676-3684	7
485	Ocular biocompatibility of dexamethasone acetate loaded poly(ϵ -caprolactone) nanofibers. 2019 , 142, 20-30	19
484	Fabrication of Three-Dimensional Fluffy Nanofibrous Scaffolds for Tissue Engineering via Electrospinning and CO ₂ Escaping Foaming. 2019 , 58, 9412-9421	18
483	Effect of electrospinning parameters on the versatile production of polycaprolacton/gelatin nanofibre mats. 2019 , 10, 025009	1
482	Determination of Electrospinning Parameters Strength in Poly(D,L)-lactide-co-glycolide Micro/Nanofiber Diameter Tailoring. 2019 , 2019, 1-8	13
481	Improved Stability, Antitumor Effect, and Controlled Release of Recombinant Soluble TRAIL by Combining Genetic Engineering with Coaxial Electrospinning.. 2019 , 2, 2414-2420	9
480	Preparation, characterization, and antibacterial effect of doxycycline loaded kefir nanofibers. 2019 , 52, 979-985	18
479	Elastic, hydrophilic and biodegradable poly (1, 8-octanediol-co-citric acid)/polylactic acid nanofibrous membranes for potential wound dressing applications. 2019 , 166, 163-173	18
478	Niclosamide repositioning for treating cancer: Challenges and nano-based drug delivery opportunities. 2019 , 141, 58-69	29
477	Potential of biocompatible polymeric ultra-thin films, nanosheets, as topical and transdermal drug delivery devices. 2019 , 565, 41-49	11
476	Long time release of water soluble drug from hydrophilic nanofibrous material. 2019 , 136, 47922	4
475	Synthesis and characterization of a novel polyurethane/polypyrrole-p-toluenesulfonate (PU/PPy-pTS) electroactive nanofibrous bending actuator. 2019 , 30, 2261-2274	14
474	Controlling the Composition, Morphology, Porosity, and Surface Chemistry of Lignin-Based Electrospun Carbon Materials. 2019 , 6,	25
473	Structure-morphology impact upon segmental dynamics and diffusion in the biodegradable ultrafine fibers of polyhydroxybutyrate-polylactide blends. 2019 , 117, 208-216	10
472	Electrospinning scale-up and formulation development of PVA nanofibers aiming oral delivery of biopharmaceuticals. 2019 , 13, 590-603	19

471	Electrospun of poly(vinyl alcohol) nanofiber as carrier of <i>Garcinia mangostana</i> L. pericarp extract. 2019 , 1170, 012056	4
470	Release Profile of Gentamicin Sulfate from Polylactide--Polycaprolactone Electrospun Nanofiber Matrices. 2019 , 11,	24
469	Fabrication and characterization of electrospun <i>Plantago major</i> seed mucilage/PVA nanofibers. 2019 , 136, 47852	10
468	Electrospinning Nanofibers for Therapeutics Delivery. 2019 , 9,	102
467	Relating Advanced Electrospun Fiber Architectures to the Temporal Release of Active Agents to Meet the Needs of Next-Generation Intravaginal Delivery Applications. 2019 , 11,	5
466	Electrospun Fibers of Polyester, with Both Nano- and Micron Diameters, Loaded with Antioxidant for Application as Wound Dressing or Tissue Engineered Scaffolds. 2019 , 1, 1096-1106	6
465	Development and characterization of rapid dissolving ornidazole loaded PVP electrospun fibers. 2019 , 24, 864-873	24
464	Fabrication of fluffy shish-kebab structured nanofibers by electrospinning, CO ₂ escaping foaming and controlled crystallization for biomimetic tissue engineering scaffolds. 2019 , 372, 785-795	26
463	Fabrication of doxycycline-loaded electrospun PCL/PEO membranes for a potential drug delivery system. 2019 , 565, 83-94	44
462	Effect of nanoscale confinement on molecular mobility and drug release properties of cellulose acetate/sulindac nanofibers. 2019 , 136, 47863	9
461	Possibilities and perspectives of chitosan scaffolds and composites for tissue engineering. 2019 , 167-203	4
460	Hierarchically Patterned Polydopamine-Containing Membranes for Periodontal Tissue Engineering. 2019 , 13, 3830-3838	52
459	An overview of electrospun membranes loaded with bioactive molecules for improving the wound healing process. 2019 , 139, 1-22	85
458	Designing Novel Interfaces via Surface Functionalization of Short-Chain-Length Polyhydroxyalkanoates. 2019 , 2019, 1-15	10
457	Synthesis and evaluation of PVDF/MgTiO ₃ polymer/ceramic composites for low-k dielectric applications. 2019 , 7, 4484-4496	31
456	Electrospun essential oil-polycaprolactone nanofibers as antibiofilm surfaces against clinical <i>Candida tropicalis</i> isolates. 2019 , 41, 511-522	14
455	Nanoscaled Biodegradable Metal-Polymeric Three-Dimensional Framework for Endothelial Cell Patterning and Sustained Angiogenesis. 2019 , 5, 2519-2531	4
454	Electrospun nanofibers for tissue engineering applications. 2019 , 77-95	4

453	Electrospun nanofibers for customized drug-delivery systems. 2019 , 51, 672-681	75
452	A new prototype melt-electrospinning device for the production of biobased thermoplastic sub-microfibers and nanofibers. 2019 , 23, 10	22
451	Electrospun Nylon-66/5-(4-dimethylaminobenzyliden) rhodanine composite nanofibres for solid phase extraction of palladium ions from wastewater samples. 2019 , 99, 328-342	1
450	Drug therapies and delivery mechanisms to treat perturbed skin wound healing. 2019 , 149-150, 2-18	40
449	Electrospinning and electro spraying technologies for food applications. 2019 , 88, 167-234	33
448	Electrospun polymeric nanocarbon nanomats for tissue engineering. 2019 , 91-122	2
447	Nanofibers for Biomedical and Healthcare Applications. 2019 , 19, e1800256	115
446	Electrospun Nanofibers for Biosensing Applications. 2019 , 253-267	7
445	Formation and Investigation of Electrospun Eudragit E100/Oregano Mats. 2019 , 24,	5
444	Targeted delivery of phycocyanin for the prevention of colon cancer using electrospun fibers. 2019 , 10, 1816-1825	15
443	Characterization and in vitro evaluation of electrospun aligned-fiber membranes of poly(L-co-D,L-lactic acid). 2019 , 136, 47657	4
442	3D aerogel of cellulose triacetate with supercritical antisolvent process for drug delivery. 2019 , 148, 33-41	12
441	Effect of extraction methods on the preparation of electrospun/electrosprayed microstructures of tilapia skin collagen. 2019 , 128, 234-240	29
440	Potential core-shell designed scaffolds with a gelatin-based shell in achieving controllable release rates of proteins for tissue engineering approaches. 2019 , 107, 1393-1405	5
439	Spinning and Applications of Bioinspired Fiber Systems. 2019 , 13, 2749-2772	88
438	. 2019 ,	12
437	Biomedical applications of composite resorbable fibers. 2019 , 127-155	1
436	High-voltage applications of the triboelectric nanogenerator Opportunities brought by the unique energy technology. 2019 , 6, 1	12

435	Nanofiber-based anticancer drug delivery platform. 2019 , 11-36	1
434	Sustained release of antimicrobials from double-layer nanofiber mats for local treatment of periodontal disease, evaluated using a new micro flow-through apparatus. <i>Journal of Controlled Release</i> , 2019 , 316, 223-235	11.7 19
433	5. Supercritical fluid-assisted electrospinning. 2019 , 99-128	
432	Electrospun wound dressing as a promising tool for the therapeutic delivery of ascorbic acid and caffeine. 2019 , 10, 757-767	4
431	Enhanced antibacterial activity of silver-doped chitosan nanofibers. 2019 ,	2
430	Electrospinning: An Efficient Biopolymer-Based Micro- and Nanofibers Fabrication Technique. 2019 , 209-241	10
429	Preparation and Characterisation of PVA+TiO ₂ Nanofiber by Electrospinning Technique. 2019 , 577, 012077	1
428	Core-Shell Fibers: Design, Roles, and Controllable Release Strategies in Tissue Engineering and Drug Delivery. 2019 , 11,	37
427	Chitosan-Based Drug Delivery Systems. 2019 , 259-289	1
426	Preparation of gentamicin sulfate eluting fiber mats by emulsion and by suspension electrospinning. 2019 , 94, 86-93	19
425	Controlled dual drug release by coaxial electrospun fibers - Impact of the core fluid on drug encapsulation and release. 2019 , 556, 363-371	40
424	The potential of electrospun poly(methyl methacrylate)/polycaprolactone core-shell fibers for drug delivery applications. 2019 , 54, 5712-5725	21
423	Effect of crosslinking stage on photocrosslinking of benzophenone functionalized poly(2-ethyl-2-oxazoline) nanofibers obtained by aqueous electrospinning. 2019 , 112, 24-30	25
422	Surfactant-assisted-water-exposed versus surfactant-aqueous-solution-exposed electrospinning of novel super hydrophilic polycaprolactone based fibers: Analysis of drug release behavior. 2019 , 107, 597-609	6
421	Development and characterization of methylprednisolone loaded delayed release nanofibers. 2019 , 49, 58-65	20
420	Enhancement of heavy metal ion adsorption using electrospun polyacrylonitrile nanofibers loaded with ZnO nanoparticles. 2019 , 136, 47209	36
419	Development of electrospun nanofibers that enable high loading and long-term viability of probiotics. 2019 , 136, 108-119	59
418	Poly(D,L-lactide)/polyethylene glycol micro/nanofiber mats as paclitaxel-eluting carriers: preparation and characterization of fibers, in vitro drug release, antiangiogenic activity and tumor recurrence prevention. 2019 , 98, 982-993	19

417	Electrospun nanofibers for local anticancer therapy: Review of in vivo activity. 2019 , 558, 268-283	26
416	Use of Polymers in Controlled Release of Active Agents. 2019 , 113-172	11
415	Reconstructing nanofibers from natural polymers using surface functionalization approaches for applications in tissue engineering, drug delivery and biosensing devices. 2019 , 94, 1102-1124	44
414	Tunable microwave absorption properties of nickel-carbon nanofibers prepared by electrospinning. 2019 , 45, 3313-3324	48
413	Electrospun nanofibers for drug delivery. 2019 , 41-61	2
412	A novel bilayer drug-loaded wound dressing of PVDF and PHB/Chitosan nanofibers applicable for post-surgical ulcers. 2019 , 68, 772-777	36
411	A novel controlled release system based on Tragacanth nanofibers loaded Peppermint oil. 2019 , 205, 589-595	17
410	Electrospun Fibrous Architectures for Drug Delivery, Tissue Engineering and Cancer Therapy. 2019 , 29, 1802852	118
409	Food-grade gliadin microstructures obtained by electrohydrodynamic processing. 2019 , 116, 1366-1373	24
408	Movement of new direction from conjugated polymer to semiconductor composite polymer nanofiber. 2019 , 35, 351-375	8
407	Structure-property relationship and controlled drug release from multiphasic electrospun carvacrol-embedded polylactic acid/polyethylene glycol and polylactic acid/polyethylene oxide nanofiber mats. 2020 , 49, 943-966	13
406	Indocyanine green based fluorescent polymeric nanoprobes for in vitro imaging. 2020 , 108, 538-554	7
405	The use of polymeric meshes for pelvic organ prolapse: Current concepts, challenges, and future perspectives. 2020 , 108, 771-789	10
404	Development of highly porous, Electrostatic force assisted nanofiber fabrication for biological applications. 2020 , 69, 477-504	9
403	Design strategies for programmable oligonucleotide nanotherapeutics. 2020 , 25, 73-88	2
402	Functional nanofibers embedded into textiles for durable antibacterial properties. 2020 , 384, 123241	49
401	Ionic Tactile Sensors for Emerging Human-Interactive Technologies: A Review of Recent Progress. 2020 , 30, 1904532	54
400	Bioengineering strategies for bone and cartilage tissue regeneration using growth factors and stem cells. 2020 , 108, 394-411	25

- 399 Resorbable polymer electrospun nanofibers: History, shapes and application for tissue engineering. **2020**, 31, 617-625 59
- 398 Improvement of Biodegradability and Biocompatibility of Electrospun Scaffolds of Poly(butylene terephthalate) by Incorporation of Sebacate Units. **2020**, 28, 23-32 2
- 397 Fabrication, physical characterizations and in vitro antibacterial activity of cefadroxil-loaded chitosan/poly(vinyl alcohol) nanofibers against Staphylococcus aureus clinical isolates. **2020**, 144, 921-931 36
- 396 Fabrication of porous fibers via electrospinning: strategies and applications. **2020**, 60, 595-647 29
- 395 Minocycline-loaded PLGA electrospun membrane prevents alveolar bone loss in experimental periodontitis. **2020**, 27, 151-160 16
- 394 Scale-up of electrospinning technology: Applications in the pharmaceutical industry. **2020**, 12, e1611 59
- 393 Preparation of novel chitosan derivative nanofibers for prevention of breast cancer recurrence. **2020**, 123, 109421 16
- 392 Controlled release of curcumin from electrospun fiber mats with antibacterial activity. **2020**, 55, 101386 34
- 391 Coaxial electrospinning of PEEU/gelatin to fiber meshes with enhanced mesenchymal stem cell attachment and proliferation. **2020**, 74, 53-66 8
- 390 Core-sheath gelatin based electrospun nanofibers for dual delivery release of biomolecules and therapeutics. **2020**, 108, 110432 28
- 389 Elastic properties of electrospun PVDF nanofibrous membranes: Experimental investigation and numerical modelling using pixel-based finite element method. **2020**, 81, 106218 3
- 388 Fabrication of electrospun ibuprofen-loaded poly(vinyl alcohol)/hyper-branched poly(ethylenimine) fibers and their release behaviors. **2020**, 31, 261-275 9
- 387 Synergistic anticancer effects of electrospun nanofiber-mediated codelivery of Curcumin and Chrysin: Possible application in prevention of breast cancer local recurrence. **2020**, 55, 101402 35
- 386 Aqueous-based electrospun P(NIPAAm--AAc)/RSF medicated fibrous mats for dual temperature- and pH-responsive drug controlled release.. **2019**, 10, 323-331 1
- 385 Recent developments in the use of organic-inorganic nano hybrids for drug delivery. **2020**, 12, e1605 16
- 384 Electrospun thymol-loaded porous cellulose acetate fibers with potential biomedical applications. **2020**, 109, 110536 52
- 383 A method to rapidly analyze the simultaneous release of multiple pharmaceuticals from electrospun fibers. **2020**, 574, 118871 3
- 382 Electrospun polyvinyl acetate nanofiber modified quartz crystal microbalance for detection of primary alcohol vapor. **2020**, 301, 111742 16

381	Cross-linked poly(vinyl alcohol) nanofibers as drug carrier of clindamycin. 2020 , 77, 5615-5629	7
380	Quality by Design Micro-Engineering Optimisation of NSAID-Loaded Electrospun Fibrous Patches. 2019 , 12,	2
379	Poly(Vinyl Alcohol)-Based Nanofibrous Electrospun Scaffolds for Tissue Engineering Applications. 2019 , 12,	65
378	Fabrication and characterization of polylactic acid/polycaprolactone composite macroporous micro-nanofiber scaffolds by phase separation. 2020 , 44, 17382-17390	4
377	Flexible mats as promising antimicrobial systems via integration of (L.) essential oil into PLA. 2020 , 15, 1379-1392	5
376	Influence of nanofiber alignment on the release of a water-soluble drug from cellulose acetate nanofibers. 2020 , 28, 1210-1216	10
375	On-line dissolution analysis of multiple drugs encapsulated in electrospun nanofibers. 2020 , 588, 119800	4
374	Unfolding the electrospinning potential of biopolymers for preparation of nanofibers. 2020 , 57, 101604	48
373	Nanofiber Technology for Regenerative Engineering. 2020 , 14, 9347-9363	28
372	Characterization and Release Behavior of a Thiosemicarbazone from Electrospun Polyvinyl Alcohol Core-Shell Nanofibers. 2020 , 12,	9
371	Monoclonal antibody formulation manufactured by high-speed electrospinning. 2020 , 591, 120042	4
370	Application of blocking and immobilization of electrospun fiber in the biomedical field.. 2020 , 10, 37246-372658	
369	Enhancing Stability and Tooth Bleaching Activity of Carbamide Peroxide by Electrospun Nanofibrous Film. 2020 , 13,	6
368	Moving polyvinyl pyrrolidone electrospun nanofibers and bioprinted scaffolds toward multidisciplinary biomedical applications. 2020 , 136, 109919	32
367	Polycaprolactone nanofiber coated with chitosan and Gamma oryzanol functionalized as a novel wound dressing for healing infected wounds. 2020 , 164, 2358-2369	26
366	Electron-Beam Irradiation of the PLLA/CMS/ETCP Composite Nanofibers Obtained by Electrospinning. 2020 , 12,	3
365	Electrospun drug blended poly(lactic acid) (PLA) nanofibers and their antimicrobial activities. 2020 , 27, 1	7
364	Synthesis of PLGA/chitosan/zeolites and PLGA/chitosan/metal organic frameworks nanofibers for targeted delivery of Paclitaxel toward prostate cancer cells death. 2020 , 164, 1461-1474	36

- 363 Novel protein and peptide nanofibrous structures via supramolecular co-assembly. **2020**, 69-97 2
- 362 Development, characterization, and in vitro assessment of multilayer mucoadhesive system containing dexamethasone sodium phosphate. **2020**, 1-13 1
- 361 Recent advances in biological macromolecule based tissue-engineered composite scaffolds for cardiac tissue regeneration applications. **2020**, 164, 2329-2357 13
- 360 Advanced Techniques for Skeletal Muscle Tissue Engineering and Regeneration. **2020**, 7, 11
- 359 Air-Jet Spun Corn Zein Nanofibers and Thin Films with Topical Drug for Medical Applications. **2020**, 21, 3
- 358 Electrospinning of PCL-Based Blends: Processing Optimization for Their Scalable Production. **2020**, 13, 12
- 357 Incorporation of Hydroxyapatite/Doxorubicin into the Chitosan/Polyvinyl Alcohol/Polyurethane Nanofibers for Controlled Release of Doxorubicin and Its Anticancer Property. **2020**, 21, 1634-1642 6
- 356 Biodegradable Electrospun Nonwovens Releasing Propolis as a Promising Dressing Material for Burn Wound Treatment. **2020**, 12, 10
- 355 Fibro-porous PLLA/gelatin composite membrane doped with cerium oxide nanoparticles as bioactive scaffolds for future angiogenesis. **2020**, 19
- 354 Fabrication of Magnetic Molecularly Imprinted Beaded Fibers for Rosmarinic Acid. **2020**, 10, 6
- 353 Functional Electrospun Fibers for Local Therapy of Cancer. **2020**, 2, 229-245 60
- 352 Protein and Polysaccharide-Based Fiber Materials Generated from Ionic Liquids: A Review. **2020**, 25, 12
- 351 Sustainable drug release from polycaprolactone coated chitin-lignin gel fibrous scaffolds. **2020**, 10, 20428 15
- 350 The synthesis and luminescence properties of Lu₂O₃:Eu³⁺ rods and its comparative analysis with Lu₂O₂S:Eu³⁺ rods. **2020**, 109, 110355 2
- 349 Topographical and Biomechanical Guidance of Electrospun Fibers for Biomedical Applications. **2020**, 12, 17
- 348 Charging Organic Liquids by Static Charge. **2020**, 142, 21004-21016 3
- 347 Confinement effects on the mechanical heterogeneity of polymer fiber glasses. **2020**, 102, 052501 3
- 346 Electrospun Bioabsorbable Fibers Containing -Nitrosoglutathione for Tissue Engineering Applications.. **2020**, 3, 7677-7686 3

345	Cable-Like Core-Shell Mesoporous SnO Nanofibers by Single-Nozzle Electrospinning Phase Separation for Formaldehyde Sensing. 2020 , 26, 9365-9370	3
344	Electrospun poly(3-hydroxybutyrate-co-3-hydroxyvalerate)/polyethylene oxide (PEO) microfibers reinforced with ZnO nanocrystals for antibacterial and antibiofilm wound dressing applications. 2020 , 44, 9754-9766	16
343	Salt induced fluffy structured electrospun fibrous matrix. 2020 , 312, 113478	3
342	Poly (vinyl alcohol)/ β Cyclodextrin Composite Fiber with Good Flame Retardant and Super-Smoke Suppression Properties. 2020 , 12,	4
341	Poly (ϵ caprolactone)/poly (N-vinyl-2-pyrrolidone) core-shell nanofibers loaded by multi-walled carbon nanotubes and 5-fluorouracil: an anticancer drug delivery system. 2020 , 55, 10185-10201	13
340	Electrospun metronidazole-loaded nanofibers for vaginal drug delivery. 2020 , 46, 1015-1025	21
339	Biocompatible indocyanine green loaded PLA nanofibers for in situ antimicrobial photodynamic therapy. 2020 , 115, 111068	16
338	Electrospinning of natural polymers for the production of nanofibres for wound healing applications. 2020 , 114, 110994	66
337	Semi-Interpenetrated Hydrogels-Microfibers Electroactive Assemblies for Release and Real-Time Monitoring of Drugs. 2020 , 20, e2000074	1
336	BIOMEDICAL APPLICATIONS OF ELECTROSPUN NANOFIBERS. 2020 , 27, 2030001	1
335	Nanostructured Fibers Containing Natural or Synthetic Bioactive Compounds in Wound Dressing Applications. 2020 , 13,	22
334	Structural design and environmental applications of electrospun nanofibers. 2020 , 137, 106009	38
333	A solid doxycycline HP- ϵ CD formulation for reconstitution (i.v. bolus) prepared by scaled-up electrospinning. 2020 , 586, 119539	9
332	Nanotechnology for angiogenesis: opportunities and challenges. 2020 , 49, 5008-5057	61
331	Development of besifloxacin HCl loaded nanofibrous ocular inserts for the treatment of bacterial keratitis: In vitro, ex vivo and in vivo evaluation. 2020 , 585, 119552	19
330	Chick embryo chorioallantoic membrane as a suitable in vivo model to evaluate drug delivery systems for cancer treatment: A review. 2020 , 153, 273-284	13
329	Application of magnetic electrospun polyvinyl alcohol/collagen nanofibres for drug delivery systems. 2020 , 1-7	4
328	A review on electrospun polymeric nanofibers: Production parameters and potential applications. 2020 , 90, 106647	67

327	Implantable Drug Reservoir Devices for Inner Ear Delivery of Pharmacotherapeutics. 2020 , 163, 791-798	4
326	Enhancing Agrichemical Delivery and Seedling Development with Biodegradable, Tunable, Biopolymer-Based Nanofiber Seed Coatings. 2020 , 8, 9537-9548	29
325	Silver sulfadiazine Loaded Poly (εCaprolactone)/Poly (Ethylene Oxide) Composite Nanofibers for Topical Drug Delivery. 2020 , 15, 2050073	3
324	Electrospun Resveratrol-Loaded Polyvinylpyrrolidone/Cyclodextrin Nanofibers and Their Biomedical Applications. 2020 , 12,	16
323	Mucoadhesive Electrospun Fibre-Based Technologies for Oral Medicine. 2020 , 12,	8
322	3D printing of silver-doped polycaprolactone-poly(propylene succinate) composite scaffolds for skin tissue engineering. 2020 , 15, 035015	16
321	Stent coating by electrospinning with chitosan/poly-cyclodextrin based nanofibers loaded with simvastatin for restenosis prevention. 2020 , 150, 156-167	28
320	A Novel Multilayer Composite Membrane for Wound Healing in Mice Skin Defect Model. 2020 , 12,	8
319	Preparation of biofiltration membranes by coating electrospun polyacrylonitrile fiber membranes with layer-by-layer supermolecular polyelectrolyte films. 2020 , 190, 110953	4
318	Effect of poly(ethylene oxide) on the electrospinning behavior and characteristics of ethyl cellulose composite fibers. 2020 , 10, 100649	16
317	Application of enzyme-mediated cellulose nanofibers from lemongrass waste for the controlled release of anticancer drugs. 2021 , 28, 46343-46355	2
316	Recent advances in electrospun nanofiber-mediated drug delivery strategies for localized cancer chemotherapy. 2020 , 108, 1444-1458	37
315	An Impedimetric Immunosensor modified with electrospun core-shell nanofibers for determination of the carcinoma embryonic antigen. 2020 , 311, 127928	24
314	Facile Fabrication of Biomimetic Water Pinning Microstructures on Polyethylene Surfaces with Robust Superhydrophobic Wetting State. 2020 , 17, 644-651	2
313	Spatiotemporally Controlling the Release of Biological Effectors Enhances Their Effects on Cell Migration and Neurite Outgrowth. 2020 , 4, 2000125	7
312	Production of food nanomaterials by specialized equipment. 2020 , 161-204	1
311	A 3D soil-like nanostructured fabric for the development of bacterial biofilms for agricultural and environmental uses. 2020 , 7, 2546-2572	6
310	Multifunctional Chitosan/Polycaprolactone Nanofiber Scaffolds with Varied Dual-Drug Release for Wound-Healing Applications. 2020 , 6, 4666-4676	36

309	UiO-66 metal organic framework nanoparticles loaded carboxymethyl chitosan/poly ethylene oxide/polyurethane core-shell nanofibers for controlled release of doxorubicin and folic acid. 2020 , 150, 178-188	46
308	Sustained-release Griffithsin nanoparticle-fiber composites against HIV-1 and HSV-2 infections. <i>Journal of Controlled Release</i> , 2020 , 321, 84-99	11.7 18
307	Plasma treatment as an effective tool for crosslinking of electrospun fibers. 2020 , 303, 112628	7
306	Needleless electrospinning of poly(acrylic acid) superabsorbent: Fabrication, characterization and swelling behavior. 2020 , 84, 106403	18
305	The preparation of PA6/CS-NPs nanofiber filaments with excellent antibacterial activity via a one-step multineedle electrospinning method with liquid bath circling system. 2020 , 137, 49053	7
304	Electrospun Nanofibers as Carriers of Microorganisms, Stem Cells, Proteins, and Nucleic Acids in Therapeutic and Other Applications. 2020 , 8, 130	43
303	Antibacterial biohybrid nanofibers for wound dressings. 2020 , 107, 25-49	203
302	Self-inflating floating nanofiber membranes for controlled drug delivery. 2020 , 579, 119164	14
301	Electrospun nanofibers for the delivery of active drugs through nasal, oral and vaginal mucosa: Current status and future perspectives. 2020 , 111, 110756	42
300	One polymer, one layer, and two opposite functions: Using a pH-switchable polymer to fabricate a hydrophilic/hydrophobic fibrous membrane. 2020 , 137, 49064	2
299	Advances in Sustainable Polymers. 2020 ,	3
298	NIR-responsive and optically monitored nanoparticles release from electrospinning fibrous matrices. 2020 , 6, 100044	2
297	Influence of high voltage polarity in multi-pin upward electrospinning system on the Fiber morphology of poly (vinyl alcohol). 2020 , 27, 1	5
296	Nanocellulose and Polycaprolactone Nanospun Composite Membranes and Their Potential for the Removal of Pollutants from Water. 2020 , 25,	16
295	Development of nanocomposite membranes by electrospun nanofibrous materials. 2020 , 199-218	5
294	Layer-by-Layer Hydrogen-Bonded Antioxidant Films of Linear Synthetic Polyphenols. 2020 , 53, 1033-1042	11
293	Recent advances in natural polymer-based drug delivery systems. 2020 , 148, 104501	80
292	Electrospun Poly(ε-Caprolactone)/Silk Fibroin Coaxial Core-Sheath Nanofibers Applied to Scaffolds and Drug Carriers. 2020 , 60, 802-809	7

291	Mechanical matching nanofibrous vascular scaffold with effective anticoagulation for vascular tissue engineering. 2020 , 186, 107788	24
290	Hybrid electrospun nanofibrous membranes: Influence of layer arrangement and composition ratio on tensile and transport properties. 2020 , 152808372091794	1
289	Electrospun Nanofibrous Membranes: An Effective Arsenal for the Purification of Emulsified Oily Wastewater. 2020 , 30, 2002192	49
288	Crystalline loading of lipophilic Coenzyme Q10 pharmaceuticals within conjugated carbon aerogel derivatives. 2020 , 164, 451-458	2
287	Dosage form designs for the controlled drug release of solid dispersions. 2020 , 581, 119274	17
286	Electrospinning approach for nanoencapsulation of bioactive compounds; recent advances and innovations. 2020 , 100, 190-209	35
285	Microwave Pretreatment for the Improvement of Physicochemical Properties of Carob Flour and Rice StarchBased Electrospun Nanofilms. 2020 , 13, 838-850	5
284	Silk-fibroin-containing nanofibers for topical sertaconazole delivery: preparation, characterization, and antifungal activity. 2021 , 70, 605-622	2
283	Hyaluronan alkyl derivatives-based electrospun membranes for potential guided bone regeneration: Fabrication, characterization and in vitro osteoinductive properties. 2021 , 197, 111438	8
282	Nanomedicine Approaches to Negotiate Local Biobarriers for Topical Drug Delivery. 2021 , 4, 2000160	1
281	Delivery of Therapeutics from Layer-by-Layer Electrospun Nanofiber Matrix for Wound Healing: An Update. 2021 , 110, 635-653	33
280	Scalable and hierarchically designed polymer film as a selective thermal emitter for high-performance all-day radiative cooling. 2021 , 16, 153-158	132
279	Natural and Synthetic Biopolymers in Drug Delivery and Tissue Engineering. 2021 , 265-356	
278	Bone structure and formation: A new perspective. 2021 , 175-193	
277	Blood-compatible ceramic particles, coating layers, and microspheres for blood purification and related applications. 2021 , 195-243	
276	Effective antibacterial electrospun cellulose acetate nanofibrous patches containing chitosan/erythromycin nanoparticles. 2021 , 168, 464-473	15
275	Electrospun, sepiolite-loaded poly(vinyl alcohol)/soy protein isolate nanofibers: Preparation, characterization, and their drug release behavior. 2021 , 594, 120172	7
274	Electrospinning for healthcare: recent advancements. 2021 , 9, 939-951	33

273	Delivery of a mitochondria-targeted antioxidant from biocompatible, polymeric nanofibrous scaffolds. 2021 , 11, 35-47		3
272	Study on release of cardamom extract as an antibacterial agent from electrospun scaffold based on sodium alginate. 2021 , 112, 1482-1490		2
271	Electrospinning and electro spraying technologies for food and packaging applications. 2021 , 217-259		4
270	The Electrospinning Process. 2021 , 153-185		
269	Controlled drug delivery systems in eradicating bacterial biofilm-associated infections. <i>Journal of Controlled Release</i> , 2021 , 329, 1102-1116	11.7	12
268	Bioactive Sambong oil-loaded electrospun cellulose acetate nanofibers: Preparation, characterization, and in-vitro biocompatibility. 2021 , 166, 1009-1021		25
267	Melting Temperature of Individual Electrospun Poly(vinylidene fluoride) Fibers Studied by AFM-based Local Thermal Analysis. 2021 , 39, 219-227		1
266	Curcumin release from blended polycaprolactone/polylactic acid electrospun nanofibrous meshes. 2021 , 50, 1065-1078		2
265	Synthesis of fiber membranes from polyvinyl alcohol (PVA)/shell extract of melinjo (SEM) using electrospinning method. 2021 , 44, 3400-3402		3
264	Electrospun-based TiO ₂ nanofibers for organic pollutant photodegradation: a comprehensive review. 2019 ,		1
263	Polymer and Ceramic-Based Hollow Nanofibers via Electrospinning. 2021 , 223-250		
262	Application of electrospun composite materials for algal bioprocesses. 2021 , 449-469		0
261	Bacterial Cellulose-Based Drug Delivery System for Dual Mode Drug Release. 2021 , 6, 265		4
260	Starch-based nanomaterials in drug delivery applications. 2021 , 31-56		
259	Titanium dioxide and graphitic carbon nitride-based nanocomposites and nanofibres for the degradation of organic pollutants in water: a review. 2021 , 28, 10357-10374		12
258	Membrane Applications. 2021 , 199-343		2
257	Electrospun hydrogels for dynamic culture systems: advantages, progress, and opportunities. 2021 , 9, 4228-4245		5
256	Electrospun Asymmetric Membranes as Promising Wound Dressings: A Review. 2021 , 13,		21

255	Green Preparation and Environmental Applications of Some Electrospun Fibers. 2021 , 455-484	
254	The Use of Fibers in Bone Tissue Engineering. 2021 ,	5
253	Fabrication and characterization of core-shell TiO ₂ -containing nanofibers of PCL-zein by coaxial electrospinning method as an erythromycin drug carrier. 1	3
252	Current Perspective on Nasal Delivery Systems for Chronic Rhinosinusitis. 2021 , 13,	4
251	Altering the characterization of nanofibers by changing the electrospinning parameters and their application in tissue engineering, drug delivery, and gene delivery systems. 2021 , 32, 1924-1950	5
250	Electrospun Fibres of Chitosan/PVP for the Effective Chemotherapeutic Drug Delivery of 5-Fluorouracil. 2021 , 9, 70	16
249	Fabrication and evaluation of thermally cross-linked gelatin nanofibers for drug delivery applications. 2021 , 1-8	1
248	Release behaviors and kinetics of coated bead-on-string nanofibrous multilayer membranes loaded with drug particles. 2021 , 70, 1396-1403	
247	Dry Formulation of Virus-Like Particles in Electrospun Nanofibers. 2021 , 9,	2
246	Gelatin-Based Nanocomposites: A Review. 1-49	7
245	An investigation of factors affecting the electrospinning of poly[(vinyl alcohol)/kefiran composite nanofibers. 2021 , 4, 1-12	11
244	Prospects of Polymeric Nanofibers Loaded with Essential Oils for Biomedical and Food-Packaging Applications. 2021 , 22,	18
243	The Use of Microfabrication Techniques for the Design and Manufacture of Artificial Stem Cell Microenvironments for Tissue Regeneration. 2021 , 8,	2
242	Preparation of Gelatin/Polycaprolactone Electrospun Fibers Loaded with Cis-Platinum and Their Potential Application for the Treatment of Prostate Cancer. 2021 , 2021, 1-7	1
241	Reinforced electrospun nanofiber composites for drug delivery applications. 2021 , 109, 2036-2064	5
240	Bioactive response of PMMA coating obtained by electrospinning on ISO5832-9 and Ti6Al4V biomaterials. 2021 , 412, 127033	2
239	Fabrication and characterization of coblended methyl cellulose with polyvinyl alcohol electrospun nanofibers as a carrier for drug delivery system. 1	2
238	Self-microemulsification-assisted incorporation of tacrolimus into hydrophilic nanofibers for facilitated treatment of 2,4-dinitrochlorobenzene induced atopic dermatitis like lesions. 2021 , 62, 102326	0

237	Numerical Analysis of Ampicillin Release from Electrospun Nanofibrous Mats. 163-174	
236	Recent perspectives of nanotechnology in burn wounds management: a review. 2021 , 30, 350-370	0
235	Fast-Dissolving Solid Dispersions for the Controlled Release of Poorly Watersoluble Drugs. 2021 , 27, 1498-1506	
234	Perspectives on Existing and Novel Alternative Intravaginal Probiotic Delivery Methods in the Context of Bacterial Vaginosis Infection. 2021 , 23, 66	4
233	A 3D Fiber-Hydrogel Based Non-Viral Gene Delivery Platform Reveals that microRNAs Promote Axon Regeneration and Enhance Functional Recovery Following Spinal Cord Injury. 2021 , 8, e2100805	7
232	Solvent-Free Low-Temperature Annealing Method for Aqueous Stable Perovskite Nanofibers and Its Role in Peroxide Catalysis. 2021 , 9, 7678-7686	1
231	Nylon [®] material introduction and overview for biomedical applications. 2021 , 32, 3368-3383	11
230	Electrospun Fibers of Polybutylene Succinate/Graphene Oxide Composite for Syringe-Push Protein Absorption Membrane. 2021 , 13,	2
229	pH-Responsive Electrospun Nanofibers and Their Applications. 1-49	12
228	Polymeric Micro/Nanomotors and Their Biomedical Applications. 2021 , 10, e2100720	4
227	Clindamycin-loaded nanofibers of polylactic acid, elastin and gelatin for use in tissue engineering. 1	1
226	Fabrication of hierarchical porous poly (l-lactide) (PLLA) fibrous membrane by electrospinning. 2021 , 226, 123797	4
225	Effects of Solution Viscosity on Poly(l-Lactic Acid) Porous Microtubes Fabricated by Core-Sheath Electrospinning. 2021 , 9,	0
224	The Role of Polymer Carrier and Process Parameters for Small Molecule Drug Delivery via Blended Electrospinning. 2021 , 11, 2150001	
223	Development and thermochemical characterization of an antioxidant material based on polyhydroxybutyrate electrospun microfibers. 2021 , 183, 772-780	4
222	Evaluation of oil loaded electrospun polyurethane nanofibrous mat as wound dressing. 2021 , 32, 1718-1735	5
221	Biomedical application of responsive Smart Electrospun nanofibers in drug delivery system: A minireview. 2021 , 14, 103199	12
220	A novel substrate based on electrospun polyurethane nanofibers and electrospayed polyvinyl alcohol microparticles for recombinant human erythropoietin delivery. 2022 , 110, 181-195	0

219	Catalytic and Photocatalytic Electrospun Nanofibers for Hydrogen Generation from Ammonia Borane Complex: A Review. 2021 , 13,	2
218	X-ray composite fibrous color dosimeter based on 10,12-pentacosadiynoic acid. 2021 , 191, 109356	1
217	Electrospun Fibrous Membrane Containing a Cyclodextrin Covalent Organic Framework with Antibacterial Properties for Accelerating Wound Healing. 2021 , 7, 3898-3907	2
216	Enhanced Paclitaxel Efficacy to Suppress Triple-Negative Breast Cancer Progression Using Metronomic Chemotherapy with a Controlled Release System of Electrospun Poly-d-l-Lactide-Co-Glycolide (PLGA) Nanofibers. 2021 , 13,	4
215	Small Molecule-Capped Gold Nanoclusters for Curing Skin Infections. 2021 , 13, 35306-35314	3
214	A review on the applications of electrospun chitosan nanofibers for the cancer treatment. 2021 , 183, 790-810	13
213	Fabrication and evaluation of hesperidin loaded polyacrylonitrile/polyethylene oxide nanofibers for wound dressing application. 2021 , 32, 1944-1965	0
212	Sensitive Cu ²⁺ detection by reversible on-off fluorescence using Eu ³⁺ complexes in SiO ₂ , in chitosan/polyethylene oxide nanofibers. 2021 , 205, 109708	6
211	Combining Biocompatible and Biodegradable Scaffolds and Cold Atmospheric Plasma for Chronic Wound Regeneration. 2021 , 22,	2
210	Comparing the wound healing effect of a controlled release wound dressing containing curcumin/ciprofloxacin and simvastatin/ciprofloxacin in a rat model: A preclinical study. 2021 ,	3
209	Novel 5-fluorouracil-Embedded non-woven PVA - PVP electrospun nanofibers with enhanced anti-cancer efficacy: Formulation, evaluation and in vitro anti-cancer activity. 2021 , 64, 102654	2
208	8-Hydroxyquinoline-5-Sulfonic Acid-Containing Poly(Vinyl Alcohol)/Chitosan Electrospun Materials and Their Cu and Fe Complexes: Preparation, Antibacterial, Antifungal and Antitumor Activities. 2021 , 13,	1
207	Advanced electrochromic/electrofluorochromic poly(amic acid) toward the colorimetric/fluorometric dual-determination of glycosuria. 2021 , 21, 100497	1
206	Fabrication and characterization of electrospun nanofibers of Hypophthalmichthys molitrix sarcoplasmic protein recovered by acid-chitosan flocculation coupling treatment. 2021 , 138, 51472	3
205	Nanofiber as a novel vehicle for transdermal delivery of therapeutic agents: challenges and opportunities. 2021 , 7,	1
204	In vitro and in vivo study of aspirin loaded, electrospun polycaprolactone/hyaluronidextrin membrane for enhanced skin tissue regeneration. 1-11	4
203	Electrospinning through the prism of time. 2021 , 21, 100543	8
202	Preparation and evaluation of bioactive bilayer composite membrane PHB/βTCP with ciprofloxacin and vitamin D3 delivery for regenerative damaged tissue in periodontal disease. 2022 , 139, 51507	0

201	Air-Spun Silk-Based Micro-/Nanofibers and Thin Films for Drug Delivery. 2021 , 22,	1
200	Nonwoven Releasing Propolis as a Potential New Wound Healing Method-A Review. 2021 , 26,	2
199	Surfactant interactions and solvent phase solubility modulate small molecule release from emulsion electrospun fibers. e17470	1
198	Cerium(III) Nitrate Containing Electrospun Wound Dressing for Mitigating Burn Severity. 2021 , 13,	0
197	Preparation of pH-sensitive polylactic acid-naringin coaxial electrospun fiber membranes for maintaining and monitoring salmon freshness. 2021 , 188, 708-718	3
196	Fabrication of ZnO-In ₂ S ₃ composite nanofiber as highly efficient hydrogen evolution photocatalyst. 2021 , 302, 130435	3
195	Biomaterial-based encapsulated probiotics for biomedical applications: Current status and future perspectives. 2021 , 210, 110018	5
194	Preparation of carboxymethyl starch/polyvinyl-alcohol electrospun composite nanofibers from a green approach. 2021 , 190, 601-606	0
193	Gallic acid for cancer therapy: Molecular mechanisms and boosting efficacy by nanoscopy delivery. 2021 , 157, 112576	12
192	Hierarchical mesoporous SnO ₂ nanotube templated by staphylococcus aureus through electrospinning for highly sensitive detection of triethylamine. 2021 , 136, 106129	2
191	The effect of rotational speed of rotary forcespinning to the morphology of polyvinylpyrrolidone (PVP) fibers with garlic extract. 2021 , 44, 3403-3407	4
190	Electrospun nanofibres with antimicrobial activities. 2021 , 589-618	0
189	Vascular Tissue Engineering: Polymers and Methodologies for Small Caliber Vascular Grafts. 2020 , 7, 592361	23
188	Toward an Augmented and Explainable Machine Learning Approach for Classification of Defective Nanomaterial Patches. 2021 , 244-255	1
187	Stimuli-responsive nanofibrous materials in drug delivery systems. 2021 , 171-189	1
186	Up-to-date Notions of Polystyrene Nanocomposite Nanofibers. 1-13	
185	Protein-Based Bioplastics from Biowastes: Sources, Processing, Properties and Applications. 2021 , 137-176	1
184	Applications of polymer blends in drug delivery. 2021 , 7,	6

183	Emerging Roles of Electrospun Nanofibers in Cancer Research. 2018 , 7, e1701024	75
182	Electrospun Nanofibers as Carriers in Dermal Drug Delivery. 2020 , 139-163	2
181	Fabrication of Stimuli-Responsive Polymers and their Composites: Candidates for Resorbable Sutures. 2020 , 121-144	1
180	Biological characterization of nanofiber composites. 2017 , 157-196	2
179	Nanofiber composites in drug delivery. 2017 , 199-223	6
178	Ceramic nanofiber composites. 2017 , 33-54	1
177	Nanofiber composites in gene delivery. 2017 , 253-274	5
176	Coaxial electrospun PCL/Gelatin-MA fibers as scaffolds for vascular tissue engineering. 2017 , 159, 7-15	53
175	Functionalisation of carbon nanotubes by methotrexate and study of synchronous photothermal effect of carbon nanotube and anticancer drug on cancer cell death. 2019 , 13, 52-57	6
174	GDF5-GelMA injectable microspheres laden with adipose-derived stem cells for disc degeneration repair. 2020 ,	15
173	Polymer composites based on polyvinyl chloride nanofibers and polypropylene films for terahertz photonics. 2020 , 10, 2456	5
172	Novel Honokiol-eluting PLGA-based scaffold effectively restricts the growth of renal cancer cells. 2020 , 15, e0243837	4
171	Structural design toward functional materials by electrospinning: A review. 2020 , 20, 682-712	48
170	Formulation and Physicochemical Characterization of Cyclosporine Microfiber by Electrospinning. 2019 , 9, 249-254	4
169	Investigation of Lactobacillus paracasei encapsulation in electrospun fibers of Eudragit [®] L100. 2020 , 30,	4
168	Preparation and characterization of naftifine-loaded poly(vinyl alcohol)/sodium alginate electrospun nanofibers. 56,	1
167	Recent Developments in Nano-Drug Delivery Systems Loaded by Phytochemicals for Wound Healing. 2020 , 20, 1867-1878	2
166	An Overview of Chitosan Nanofibers and their Applications in the Drug Delivery Process. 2019 , 16, 272-294	38

165	Electrospun Fiber Scaffolds for Engineering Glial Cell Behavior to Promote Neural Regeneration. 2020 , 8,	8
164	Electrospun ECM macromolecules as biomimetic scaffold for regenerative medicine: challenges for preserving conformation and bioactivity. 2017 , 4, 638-669	12
163	Electrospun PLLA Membranes for Caffeine Delivery: Diffusional Approach. 2017 , 10, 563-574	3
162	Electrospun nanofibers: A nanotechnological approach for drug delivery and dissolution optimization in poorly water-soluble drugs.. 2020 , 8, 325-353	3
161	Encapsulation of Fruit Ripening Controlling Compounds. 2021 , 315-333	
160	Robotic Electrospinning Actuated by Non-Circular Joint Continuum Manipulator for Endoluminal Therapy. 2021 ,	
159	Gastroretentive Technologies in Tandem with Controlled-Release Strategies: A Potent Answer to Oral Drug Bioavailability and Patient Compliance Implications. 2021 , 13,	4
158	Polycaprolactone nanofibers as an adjuvant strategy for Tamoxifen release and their cytotoxicity on breast cancer cells. 2021 , 9, e12124	2
157	Long-acting biodegradable implant for sustained delivery of antiretrovirals (ARVs) and hormones. <i>Journal of Controlled Release</i> , 2021 , 340, 188-199	11.7 4
156	Fabrication and Characterization of Electrospun Nanofiber Films of PHA/PBAT Biopolymer Blend Containing Chilli Herbal Extracts (<i>Capsicum frutescens</i> L.. 2016 ,	2
155	Cellulose -Containing Scaffolds Fabricated by Electrospinning: Applications in Tissue Engineering and Drug Delivery. 361-388	
154	Nanofibers for Medical Diagnosis and Therapy. 2019 , 831-867	2
153	Polymer-Based Nanofibers: Preparation, Fabrication, and Applications. 2019 , 215-261	6
152	Electrosprayed polymeric nanobeads and nanofibers of modafinil: preparation, characterization, and drug release studies. 2019 , 9, 179-188	2
151	Antibacterial and Antifungal Properties of Electrospun Recycled PET Polymeric Fibers Functionalized with Zinc Oxide Nanoparticles. 2021 , 13,	1
150	A Review on Electrospun Nanofibers Based Advanced Applications: From Health Care to Energy Devices. 2021 , 13,	11
149	Formulation design in drug delivery. 2020 , 17-41	1
148	Effects of Polyvinylpyrrolidone and Ethyl Cellulose in Polyurethane Electrospun Nanofibers on Morphology and Drug Release Characteristics. 2020 , 17, 638-644	3

147	Electrospun Nanofibers for Drug Delivery Applications. 2022 , 33-51	
146	Effect of low-temperature plasma barrier discharge on elemental composition and wettability of polylactic acid surface. 2020 ,	1
145	Synthesis and Characterization of Polycaprolactone/Cellulose Acetate by Electrospinning for Wound Dressing Applications. 981, 291-295	2
144	Temperature-controlled release of curcumin from thermosensitive PVA/CurM nanofibrous membranes with antibacterial activity. 2021 , 299, 1955	1
143	Effects of viscosity on liquid structures produced by in-air microfluidics. 2020 , 5,	3
142	Terahertz optical properties of polymer composite based on electrospun PVC nanofibers. 2020 ,	
141	Deacetylated cellulose acetate nanofibrous dressing loaded with chitosan/propolis nanoparticles for the effective treatment of burn wounds. 2021 , 193, 2029-2029	4
140	Metal Sulfide Semiconductor Nanomaterials and Polymer Microgels for Biomedical Applications. 2021 , 22,	3
139	Diameter Refinement of Electrospun Nanofibers: From Mechanism, Strategies to Applications. 1	5
138	Development and Characterization of pH-Dependent Cellulose Acetate Phthalate Nanofibers by Electrospinning Technique.. 2021 , 11,	0
137	Nanoformulations of Mangostin for Cancer Drug Delivery System.. 2021 , 13,	3
136	Polymer nanofibers for biomedical applications: advances by electrospinning. 2021 , 04,	1
135	Biomedicine: electrospun nanofibrous hormonal therapies through skin/tissue review. 1-19	0
134	Electrospun Nanofibers: Current Progress and Applications in Food Systems.. 2022 ,	6
133	Current Developments on Rotary Forcespun Nanofibers and Prospects for Edible Applications. 1	1
132	Nanofibers Fabrication by Blown-Centrifugal Spinning. 2100368	4
131	Covalent Organic Framework-Incorporated Nanofibrous Membrane as an Intelligent Platform for Wound Dressing.. 2022 ,	4
130	Silver sulfadiazine loaded nanofibers for burn infections. 1-7	0

129	Development for preparation of nanofibers using polylactic acid and biomass lignin via electrospinning process. 2022,	
128	Targeted delivery of sodium metabisulfite (SMBS) by pH-sensitive Eudragit L100-55 nanofibrous mats fabricated through advanced coaxial electrospinning. 2022, 57, 3375-3395	1
127	Biomedical applications of electrospun chitosan nanofibers. 2022, 75-110	
126	Coaxial electrospinning preparation and antibacterial property of polylactic acid/tea polyphenol nanofiber membrane. 152808372110542	0
125	Electrospinning of Fatty Acid-Based and Metal Incorporated Polymers for the Fabrication of Eco-Friendly Fibers. 2100438	
124	Chemical modification of alginate via the oxidation-reductive amination reaction for the development of alginate derivative electrospun composite nanofibers. 2022, 68, 103113	2
123	Effect of drug incorporation and polymer properties on the characteristics of electrospun nanofibers for drug delivery. 2022, 68, 103112	1
122	Poloxamer188 composite electrospun poly L-lactic acid fibrous nonwoven: Sustained in vitro and in vivo release letrozole as a subcutaneous implant. 152808372110620	1
121	Photo-excited antibacterial poly(ϵ -caprolactone)@MoS ₂ /ZnS hybrid nanofibers. 2022, 434, 134764	3
120	Hybrid polymer/metal composites for drug delivery. 2022, 165-186	0
119	Tumor-Anchoring Drug-Loaded Fibrous Microspheres for MR Imaging-Guided Local Chemotherapy and Metastasis Inhibition. 1	3
118	Naproxen release behaviour from graphene oxide/cellulose acetate composite nanofibers.. 2022, 12, 8019-8029	1
117	3D-Printed Biomaterials in Biomedical Application. 2022, 319-339	0
116	PLGA-Based Nanomaterials for Cancer Therapy. 2022, 263-284	
115	Mesoporous NiO@ZnO nanofiber membranes single-nozzle electrospinning for urine metabolism analysis of smokers.. 2022,	0
114	Poly ϵ Caprolactone Nanoparticles for Sustained Intra-Articular Immune Modulation in Adjuvant-Induced Arthritis Rodent Model.. 2022, 14,	0
113	Antibacterial Electrospun Polycaprolactone Nanofibers Reinforced by Halloysite Nanotubes for Tissue Engineering.. 2022, 14,	2
112	Interfacing Electrospun Nanofibers with Microorganisms. 2022, 255-289	0

111	Shape-Memory Materials via Electrospinning: A Review.. 2022 , 14,	0
110	Recent advances in the food application of electrospun nanofibers. 2022 ,	4
109	Electrospun Nanofibers for Drug Delivery Applications. 2022 , 202-254	2
108	Electrospinning Parameters and Resulting Nanofiber Characteristics. 2022 , 1-40	
107	Artificial Intelligence Deep Exploration of Influential Parameters on Physicochemical Properties of Curcumin-Loaded Electrospun Nanofibers. 2100143	0
106	Targeting Multidrug Resistance With Antimicrobial Peptide-Decorated Nanoparticles and Polymers.. 2022 , 13, 831655	1
105	Inorganic-Organic Synergy in Nano-hybrids makes a New Class of Drug with Targeted Delivery: Glutamate Functionalization of Iron Nanoparticles for Potential Bone Marrow Delivery and X-ray Dynamic Therapy.. 2022 ,	
104	Development of stimulus-sensitive electrospun membranes based on novel biodegradable segmented polyurethane as triggered delivery system for doxorubicin. 2022 , 212769	0
103	Pickering Emulsions as Designer Platforms for Polymer-Based Hybrid Materials: Routes to Controlled Structures. 1-19	
102	Electrospun Nanofibers Revisited: An Update on the Emerging Applications in Nanomedicine.. 2022 , 15,	2
101	Biomedical applications of electrospun nanofibers in industrial world: a review. 1-15	3
100	Poly (ethylene terephthalate) nonwoven fabrics-based membranes modified by electrospinning of thermoplastic polyurethane, nano SiO ₂ and Ag particles as medical packing materials.	0
99	Ibuprofen loaded centrifugally spun microfibers for quick relief of inflammation in rats.. 2022 , 1-19	1
98	Controlled release of azithromycin from polycaprolactone/chitosan nanofibrous membranes. 2022 , 103246	0
97	Collagen - Annona polysaccharide scaffolds with tetrahydrocurcumin loaded microspheres for antimicrobial wound dressing. 2022 , 3, 100204	0
96	Current hydrogel advances in physicochemical and biological response-driven biomedical application diversity.. 2021 , 6, 426	31
95	Hyaluronic acid based nanomedicines as promising wound healers for acute-to-chronic wounds: a review of recent updates and emerging trends. 1-19	1
94	Multifunctional Gelatin/Chitosan Electrospun Wound Dressing Doped with Phlorotannin-Enriched Extract for Skin Regeneration.. 2021 , 13,	2

93	On-Demand Drug Delivery Systems Using Nanofibers.. 2021 , 11,	8
92	Electrospun Nanofibers for Biological Application. 2022 , 91-121	
91	The Bent-Tube Nozzle Optimization of Force-Spinning With the Gray Wolf Algorithm.. 2021 , 9, 807287	
90	Improving the Sensitivity of Nanofibrous Membrane-Based ELISA for On-Site Antibiotics Detection.. 2022 ,	0
89	Basic Principles of Electrospinning, Mechanisms, Nanofibre Production, and Anticancer Drug Delivery. 2022 , 2022, 1-15	4
88	Enhancing Agrichemical Delivery and Plant Development with Biopolymer-Based Stimuli Responsive Core-Shell Nanostructures.. 2022 ,	3
87	Advancement of Nanofibrous Mats and Common Useful Drug Delivery Applications.. 2022 , 2022, 9073837	
86	Metabolic syndromes responsible for cervical cancer and advancement of nanocarriers for efficient targeted drug delivery- A review. 2022 , 4, 100041	1
85	Extracellular Polymeric Substances in Textile Industry. 2022 , 23-40	
84	Green Chemistry and Molecularly Imprinted Membranes. 2022 , 12, 472	0
83	Near-Infrared Light-Remote Localized Drug Delivery Systems Based on Zwitterionic Polymer Nanofibers for Combination Therapy.. 2022 , 14,	1
82	PEDOT: PSS-Based Microfluidic-Spun Microfibers for Tunable Release of Acetaminophen via Electrical Stimulation. 2200103	3
81	Design and fabrication of biodegradable electrospun nanofibers loaded with biocidal agents. 1-27	2
80	Electrospun nanofibrous membrane for biomedical application.. 2022 , 4, 172	2
79	Emulsion electrospinning of sodium alginate/poly(ϵ -caprolactone) core/shell nanofibers for biomedical applications.	2
78	Orthogonal Optimization Research on Various Nozzles of High-Speed Centrifugal Spinning. 2022 , 10,	0
77	Manufacturing and characterizing of the poly (ϵ -caprolactone)/poly (N-vinyl-2-pyrrolidone) core-shell nanofibers loaded by multi-walled carbon nanotubes coated by polypyrrole via vapor phase and chemical method and its application as an electro-responsive anticancer drug delivery system. 1-12	0
76	An Updated Account On Formulations And Strategies For The Treatment Of Burn Infection IIA Review. 2022 , 28,	0

75	Engineering of IrO ₂ nanofiber for surface enhanced Raman Scattering. 2022 ,	1
74	The effect of solvent and pressure on polycaprolactone solutions for particle and fibre formation. 2022 , 173, 111300	2
73	Optical, morphological, and impedance characteristics of Ni(x)(CdO)(1-x) nanofibers fabricated by electrospinning technique. 2022 , 282, 115779	1
72	Nonwoven materials and technologies for medical applications. 2022 , 605-661	
71	Potential Loading of Virgin Coconut Oil into Centrifugally-Spun Nanofibers for Biomedical Applications.	1
70	An asymmetric wettable PCL/chitosan composite scaffold loaded with IGF-2 for wound dressing. 08853282221@103	
69	Suitability of Electrospun Nanofibers for Specialized Biomedical Applications. 2022 , 183-206	
68	Emerging applications of bionanomaterials in medicine and drug delivery. 2022 , 129-185	
67	Development of Micro/Nano Channels Using Electrospinning for Neural Differentiation of Cells. 2022 , 737-760	
66	Solvent-Free Electrospinning Application in Wound Dressing. 2022 , 67-92	
65	Nanostructured pharmaceutical formulations for topical application of clove oil and eugenol. 2022 , 363-403	
64	The role of the nanofibers in lateral flow assays enhancement: a critical review. 1-14	1
63	Chemical modification, electrospinning and biological activities of pluronic F68.	0
62	Formulation of Levocetirizine-Loaded Core/Shell Type Nanofibrous Orally Dissolving Webs as a Potential Alternative for Immediate Release Dosage Forms. 2022 , 14, 1442	1
61	The Use of Recycled PET for the Synthesis of New Mechanically Improved PVP Composite Nanofibers. 2022 , 14, 2882	1
60	Electrospun Nanofibrous Membrane Functionalized With Dual Drug-Cyclodextrin Inclusion Complexes for the Potential Treatment of Otitis Externa. 2022 , 129742	0
59	Electrospun Materials for Biomedical Applications. 2022 , 14, 1556	1
58	Electrospun Biomimetic Nanofibrous Scaffolds: A Promising Prospect for Bone Tissue Engineering and Regenerative Medicine. 2022 , 23, 9206	4

- 57 A smart tri-layered nanofibrous hydrogel thin film with controlled release of dual drugs for chemo-thermal therapy of breast cancer. **2022**, 103702
- 56 Processes taking place during the preparation and use of electrospun PLA fibers and their effect on controlled drug release.
- 55 Alginate/polyvinyl alcohol films for wound healing: Advantages and challenges. 2
- 54 Anti-melanogenic activity of vanadium incorporated PVA chitosan electrospun fibers: An in vitro model. **2022**, 75, 103644
- 53 Nanoparticles incorporated in nanofibers using electrospinning: A novel nano-in-nano delivery system. **2022**, 350, 421-434 5
- 52 Electrospun nanofibers for 3-D cancer models, diagnostics, and therapy. 0
- 51 Fabrication of Organic/Inorganic Nanohybrids. **2022**, 37-51 0
- 50 Electrospinning of Natural Biopolymers for Innovative Food Applications: A Review. 0
- 49 Low-Temperature Barrier Discharge Plasma Modification of Scaffolds Based on Polylactic Acid. **2022**, 14, 41742-41750 0
- 48 Application of Electrospun Nanofiber as Drug Delivery Systems: A review. **2022**, 10, 0
- 47 Nanofibers for the Immunoregulation in Biomedical Applications. 1
- 46 Inorganic nanoparticle empowered biomaterial hybrids: Engineered payload release. 4, 0
- 45 Perivascular application of sirolimus multilayer nanofibrous mat for prevention of vascular stenosis: Preparation, In vitro characterization, and In vivo efficacy evaluation. **2022**, 77, 103816 0
- 44 Update on modified chitosan frameworks and their applications for food, wastewater, toxic heavy metals, dyes treatment and cancer drug delivery. **2022**, 10, 108656 0
- 43 Chain-End Functionalization of Poly(E-caprolactone) for Chemical Binding with Gelatin: Binary Electrospun Scaffolds with Improved Physico-Mechanical Characteristics and Cell Adhesive Properties. **2022**, 14, 4203 0
- 42 Cefazolin Loaded Oxidized Regenerated Cellulose/Polycaprolactone Bilayered Composite for Use as Potential Antibacterial Dural Substitute. **2022**, 14, 4449 0
- 41 Fabrication of Polysaccharide-Based Halochromic Nanofibers via Needle-Less Electrospinning and Their Characterization: A Study of the Leaching Effect. **2022**, 14, 4239 2
- 40 Reservoir-Style Polymeric Drug Delivery Systems: Empirical and Predictive Models for Implant Design. **2022**, 15, 1226 0

39	Hierarchical Design Strategies to Produce Internally Structured Nanofibers. 1-36	0
38	Preparation of Isopropyl Acrylamide Grafted Chitosan and Carbon Bionanocomposites for Adsorption of Lead Ion and Methylene Blue. 2022 , 14, 4485	0
37	Preparation and Properties of Electrospun PLLA/PTMC Scaffolds. 2022 , 14, 4406	0
36	Evaluation of electrospun PCL diol-based elastomer fibers as a beneficial matrix for vascular tissue engineering. 2022 , 220, 112963	0
35	Preparation of hydroxypropyl starch/polyvinyl alcohol composite nanofibers films and improvement of hydrophobic properties. 2022 ,	0
34	Red onion skin extract rich in flavonoids encapsulated in ultrafine fibers of sweet potato starch by electrospinning. 2022 , 134954	0
33	Simple Fabrication of Polycaprolactone-co-lactide Membrane with Silver Nanowires: Synthesis, Characterization and Cytotoxicity Studies. 2022 , 23, 2983-2993	0
32	Applications of Biopolymer-Based Nanofibers and Nanomembranes. 2022 , 1-24	0
31	Preparation and application of chitosan-based medical electrospun nanofibers. 2023 , 226, 410-422	1
30	A Current Overview of Cyclodextrin-Based Nanocarriers for Enhanced Antifungal Delivery. 2022 , 15, 1447	1
29	Green approaches for extraction, chemical modification and processing of marine polysaccharides for biomedical applications. 10,	2
28	Characterization of Electrospun Polysuccinimide-Dopamine Conjugates and Effect on Cell Viability and Uptake. 2200397	0
27	Natural polymeric nanofibers in transdermal drug delivery. 2023 , 30, 101726	1
26	Scalable, flame-resistant, superhydrophobic ceramic metafibers for sustainable all-day radiative cooling. 2023 , 48, 101745	0
25	Porous PVDF mats with significantly enhanced dielectric properties and novel dipole arrangement for high-performance triboelectric nanogenerators. 2023 , 30, 101732	0
24	Investigation of PAN:Hemp Stems Nanofibers Produced by Electrospinning Method.	0
23	Electrospun Polymer Nanofibers: Processing, Properties, and Applications. 2023 , 15, 65	5
22	Neural Drug Delivery. 2023 , 651-691	0

21	A Dual-Function Electrospun Matrix for the Prevention of Herpes Simplex Virus-1 Infections after Corneal Transplantation. 2200098	0
20	Electrospinning of Potential Medical Devices (Wound Dressings, Tissue Engineering Scaffolds, Face Masks) and Their Regulatory Approach. 2023 , 15, 417	2
19	Nanoencapsulated Systems for Delivery of Phytopharmaceuticals. 2023 , 127-151	0
18	Nanofiber matrix formulations for the delivery of Exendin-4 for tendon regeneration: In vitro and in vivo assessment. 2023 , 25, 42-60	0
17	Antioxidant and Antimicrobial Properties of Hydrolysed Collagen Nanofibers Loaded with Ginger Essential Oil. 2023 , 16, 1438	0
16	Polysaccharide-Based Stimuli-Responsive Nanofibrous Materials for Biomedical Applications. 2023 , 419-444	0
15	Nanofibres in Drug Delivery Applications. 2023 , 11, 21	0
14	Branched Amphiphilic Polylactides as a Polymer Matrix Component for Biodegradable Implants. 2023 , 15, 1315	0
13	Ibuprofen-loaded electrospun poly(ethylene-co-vinyl alcohol) nanofibers for wound dressing applications. 2023 , 5, 2261-2270	0
12	Recent advances in covalent organic frameworks (COFs) for wound healing and antimicrobial applications. 2023 , 13, 8136-8152	0
11	Facile One-Step Electrospinning Process to Prepare AgNPs-Loaded PLA and PLA/PEO Mats with Antibacterial Activity. 2023 , 15, 1470	0
10	Nanofibers in Ocular Drug Targeting and Tissue Engineering: Their Importance, Advantages, Advances, and Future Perspectives. 2023 , 15, 1062	0
9	Recent Advances in Nano-Drug Delivery Systems for the Treatment of Diabetic Wound Healing. Volume 18, 1537-1560	0
8	Oral delivery of RNAi for cancer therapy.	0
7	Scientometric Research on Trend Analysis of Nano-Based Sustained Drug Release Systems for Wound Healing. 2023 , 15, 1168	0
6	Electrospun nanofibers based on polyvinylpyrrolidone/chitosan and cloxacillin: investigation of morphological features, antibiotic release and antimicrobial properties. 2023 , 30,	0
5	Development of Novel Pharmaceutical Forms of the Marine Bioactive Pigment Echinochrome A Enabling Alternative Routes of Administration. 2023 , 21, 250	0
4	Study on electrospinning of wheat gluten: A review. 2023 , 112851	0

- 3 Functionalized nanofibers for EMI shielding and microwave absorption applications. **2023**, 831-866 ○
- 2 Surface functionalization techniques and characterization methods of electrospun nanofibers. **2023**, 49-73 ○
- 1 Functionalized nanofiber-based drug delivery systems and biosensing devices. **2023**, 211-251 ○