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List of articles citing

Synthesis, characterization, and antimicrobial properties of novel double layer nanocomposite electrospun fibers for wound dressing applications

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International Journal of Nanomedicine, 2017, 12, 2205-2213.

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#	Paper	IF	Citations
74	Fabrication and Characterization of Graphene Enriched Polysulfon Amide Nanocomposites by Electrospinning System. <i>Fibers and Polymers</i> , 2018 , 19, 357-363	2	6
73	Bioactive inorganic/organic nanocomposites for wound healing. <i>Applied Materials Today</i> , 2018 , 11, 308-318	3.8	76
72	Fabrication of an ultralight flame-induced high conductivity hybrid sponge based on poly (vinyl alcohol)/silver nitrate composite. <i>Materials and Design</i> , 2018 , 139, 96-103	8.1	12
71	Electrospun PCL/mupirocin and chitosan/lidocaine hydrochloride multifunctional double layer nanofibrous scaffolds for wound dressing applications. <i>International Journal of Nanomedicine</i> , 2018 , 13, 5287-5299	7.3	39
70	PVA/Chitosan/Silver Nanoparticles Electrospun Nanocomposites: Molecular Relaxations Investigated by Modern Broadband Dielectric Spectroscopy. <i>Nanomaterials</i> , 2018 , 8,	5.4	9
69	Automatic diameter and orientation distribution determination of fibrous materials in micro X-ray CT imaging data. <i>Journal of Microscopy</i> , 2018 , 272, 180-195	1.9	8
68	Electrospun Antimicrobial Wound Dressings: Novel Strategies to Fight Against Wound Infections. <i>Recent Clinical Techniques, Results, and Research in Wounds</i> , 2018 , 213-253	0	3
67	Colon-specific pulsatile drug release provided by electrospun shellac nanocoating on hydrophilic amorphous composites. <i>International Journal of Nanomedicine</i> , 2018 , 13, 2395-2404	7.3	34
66	Hybridization and functionalization with biological macromolecules synergistically improve biomedical efficacy of silver nanoparticles: Reconceptualization of in-vitro, in-vivo and clinical studies. <i>Journal of Drug Delivery Science and Technology</i> , 2019 , 54, 101169	4.5	9
65	The effect of collection substrate on electrospun ciprofloxacin-loaded poly(vinylpyrrolidone) and ethyl cellulose nanofibers as potential wound dressing materials. <i>Materials Science and Engineering C</i> , 2019 , 104, 109917	8.3	29
64	Fabrication of Electrospun Polymer Nanofibers with Diverse Morphologies. <i>Molecules</i> , 2019 , 24,	4.8	134
63	Electrospun cellulose acetate and poly(vinyl chloride) nanofiber mats containing silver nanoparticles for antifungi packaging. <i>SN Applied Sciences</i> , 2019 , 1, 1	1.8	16
62	Smart Thread Based pH Sensitive Antimicrobial Wound Dressing. 2019 ,		1
61	Preparation, structure and electrochromic behavior of PANI/PVA composite electrospun nanofiber. <i>Textile Research Journal</i> , 2019 , 89, 2490-2499	1.7	6
60	Novel zein-based multilayer wound dressing membranes with controlled release of gentamicin. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2019 , 107, 2057-2070	3.5	36
59	Calcium phosphate compound formed on electrospun chitosan nanofibers using modified simulated body fluid. <i>Polymer Bulletin</i> , 2019 , 76, 4205-4214	2.4	6
58	Development of advanced nanostructured polyurethane composites comprising hybrid fillers with enhanced properties for regenerative medicine. <i>Polymer Testing</i> , 2019 , 73, 12-20	4.5	9

57	Silver nanoparticles coated with dodecanethiol used as fillers in non-cytotoxic and antifungal PBAT surface based on nanocomposites. <i>Materials Science and Engineering C</i> , 2019 , 98, 800-807	8.3	27
56	Composite dressings for wound care. 2019 , 313-327		3
55	Fabrication and characterization of tailor-made novel electrospun fibrous polyurethane scaffolds decorated with propolis and neem oil for tissue engineering applications. <i>Journal of Industrial Textiles</i> , 2020 , 49, 1178-1197	1.6	7
54	Organic nanocomposite Band-Aid for chronic wound healing: a novel honey-based nanofibrous scaffold. <i>Applied Nanoscience (Switzerland)</i> , 2020 , 10, 1639-1652	3.3	6
53	Graphene oxide coated shell-core structured chitosan/PLLA nanofibrous scaffolds for wound dressing. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2020 , 31, 622-641	3.5	15
52	Current status and future of chitosan in drug and vaccine delivery. <i>Reactive and Functional Polymers</i> , 2020 , 147, 104452	4.6	7
51	A novel bilayer zein/MMT nanocomposite incorporated with H. perforatum oil for wound healing. <i>Journal of Materials Science: Materials in Medicine</i> , 2019 , 31, 7	4.5	19
50	Moving polyvinyl pyrrolidone electrospun nanofibers and bioprinted scaffolds toward multidisciplinary biomedical applications. <i>European Polymer Journal</i> , 2020 , 136, 109919	5.2	32
49	Preparation, characterization, and drug release study of ibuprofen-loaded poly (vinyl alcohol)/poly (vinyl pyrrolidone) bilayer antibacterial membrane. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2020 , 1-10	3	3
48	Effect of Cold Plasma Treatment on Electrospun Nanofibers Properties: A Review.. <i>ACS Applied Bio Materials</i> , 2020 , 3, 4696-4716	4.1	20
47	Anthocyanin Colorimetric Strip for Volatile Amine Determination. <i>International Journal of Food Science</i> , 2020 , 2020, 1672851	3.4	2
46	Development, characterization, and in vitro assessment of multilayer mucoadhesive system containing dexamethasone sodium phosphate. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2020 , 1-13	3	1
45	Physical-Chemical Crosslinked Electrospun Tuber Protein-Chitosan-Poly(Ethylene Oxide) Nanofibers with Antibacterial Activity and Cytocompatibility. <i>International Journal of Nanomedicine</i> , 2020 , 15, 6433-6449	7.3	6
44	Antimicrobial Electrospun Materials. 2020 , 243-263		
43	Electrospun nanofibers in wound healing. <i>Materials Today: Proceedings</i> , 2020 , 29, 1-6	1.4	14
42	Efficient removal of Congo red dye from aqueous solution by adsorbent films of polyvinyl alcohol/melamine-formaldehyde composite and bactericidal effects. <i>Journal of Cleaner Production</i> , 2020 , 255, 120062	10.3	25
41	Silver nanoparticles: a promising nanoplatform for targeted delivery of therapeutics and optimized therapeutic efficacy. 2020 , 141-173		1
40	Antibiotic Delivery Strategies to Treat Skin Infections When Innate Antimicrobial Defense Fails. <i>Antibiotics</i> , 2020 , 9,	4.9	31

39	Electrospun chitosan membranes containing bioactive and therapeutic agents for enhanced wound healing. <i>International Journal of Biological Macromolecules</i> , 2020 , 156, 153-170	7.9	81
38	NiO nanoparticle doped-PVA-MF polymer nanocomposites: Preparation, Congo red dye adsorption and antibacterial activity. <i>Arabian Journal of Chemistry</i> , 2020 , 13, 5724-5739	5.9	25
37	Chitosan based-nanoparticles and nanocapsules: Overview, physicochemical features, applications of a nanofibrous scaffold, and bioprinting. <i>International Journal of Biological Macromolecules</i> , 2021 , 167, 1176-1197	7.9	32
36	Multidrug-loaded electrospun micro/nanofibrous membranes: Fabrication strategies, release behaviors and applications in regenerative medicine. <i>Journal of Controlled Release</i> , 2021 , 330, 1264-1287 ^{11.7}	11.7	7
35	Next-generation Antimicrobial Peptides (AMPs) incorporated nanofibre wound dressings. <i>Medical Devices & Sensors</i> , 2021 , 4, e10144	1.6	4
34	Double-layer PLLA/PEO_Chitosan nanofibrous mats containing Hypericum perforatum L. as an effective approach for wound treatment. <i>Polymers for Advanced Technologies</i> , 2021 , 32, 1493-1506	3.2	8
33	Recent development of electrospun wound dressing. <i>Current Opinion in Biomedical Engineering</i> , 2021 , 17, 100247	4.4	13
32	Antimicrobial Double-Layer Wound Dressing Based on Chitosan/Polyvinyl Alcohol/Copper: In vitro and in vivo Assessment. <i>International Journal of Nanomedicine</i> , 2021 , 16, 223-235	7.3	24
31	Determination of the Adhesion Between Electrospun Mats through Peel tests. <i>Fibers and Polymers</i> , 2021 , 22, 1266-1273	2	
30	New Hyaluronic Acid/Polyethylene Oxide-Based Electrospun Nanofibers: Design, Characterization and In Vitro Biological Evaluation. <i>Polymers</i> , 2021 , 13,	4.5	1
29	The Effect of Solvent and Molecular Weight on the Morphology of Centrifugally Spun Poly(vinylpyrrolidone) Nanofibers. <i>Fibers and Polymers</i> , 2021 , 22, 2394-2403	2	5
28	Synthesis, Optimal Fabrication, and Physico-Mechanical Property Evaluation of PCL-b-PLLA Diblock Copolymer-Based Nanoscale Roughness Textured Electrospun Mats. <i>Macromolecular Materials and Engineering</i> , 2021 , 306, 2100226	3.9	5
27	Electrospun Nanofibrous Architectures of Thrombin-Loaded Poly(ethylene oxide) for Faster Wound Clotting.. <i>ACS Applied Bio Materials</i> , 2021 , 4, 5240-5250	4.1	2
26	Polyvinyl alcohol/chitosan/silver nanofibers as antibacterial agents and as efficient adsorbents to remove methyl orange from aqueous solutions. <i>Journal of the Iranian Chemical Society</i> , 1	2	0
25	Formulation and characterisation of deferoxamine nanofiber as potential wound dressing for the treatment of diabetic foot ulcer. <i>Journal of Drug Delivery Science and Technology</i> , 2021 , 66, 102751	4.5	3
24	Recent advances in polymer scaffolds for biomedical applications. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2021 , 1-67	3.5	4
23	Fabrication and characterization of polymeric nano/micro fibers containing silver nanoparticles for biomedical applications. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 1-18	3	0
22	Design, preparation and in vitro characterization of biomimetic and bioactive chitosan/polyethylene oxide based nanofibers as wound dressings. <i>International Journal of Biological Macromolecules</i> , 2021 , 193, 996-1008	7.9	5

21	Biotechnological Applications of Polymeric Nanofiber Platforms Loaded with Diverse Bioactive Materials. <i>Polymers</i> , 2021 , 13,	4.5	5
20	Synthesis of FeO/Ag nanohybrid ferrofluids and their applications as antimicrobial and antifibrotic agents. <i>Heliyon</i> , 2020 , 6, e05813	3.6	8
19	Composite yarns with antibacterial nanofibrous sheaths produced by collectorless alternating-current electrospinning for suture applications. <i>Journal of Applied Polymer Science</i> , 51851	2.9	1
18	Preparation of poly (N-isopropylacrylamide)/polycaprolactone electrospun nanofibres as thermoresponsive drug delivery systems in wound dressing. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 1-9	3	2
17	Advances in Nanocellulose for Wound Healing Applications. 2021 , 1-33		
16	PVP/Highly Dispersed AgNPs Nanofibers Using Ultrasonic-Assisted Electrospinning.. <i>Polymers</i> , 2022 , 14,	4.5	1
15	Grapefruit Oil and Cobalt Nitrate-Loaded Polyurethane Hybrid Nanofibrous Scaffold for Biomedical Applications. <i>Frontiers in Materials</i> , 2022 , 9,	4	
14	Chemically cross-linked poly(vinyl alcohol) electrospun fibrous mats as wound dressing materials. <i>Journal of Chemical Technology and Biotechnology</i> , 2022 , 97, 620-632	3.5	1
13	Advances in Electrospun Hybrid Nanofibers for Biomedical Applications. <i>Nanomaterials</i> , 2022 , 12, 1829	5.4	4
12	An asymmetric wettable PCL/chitosan composite scaffold loaded with IGF-2 for wound dressing. <i>Journal of Biomaterials Applications</i> , 088532822211103	2.9	0
11	Single unit functionally graded bioresorbable electrospun scaffold for scar-free full-thickness skin wound healing. 2022 , 139, 212980		0
10	Advances in Nanocellulose for Wound Healing Applications. 2022 , 677-708		
9	Structural and Functional Design of Electrospun Nanofibers for Hemostasis and Wound Healing. <i>Advanced Fiber Materials</i> ,	10.9	8
8	Electrospun poly (Ecaprolactone)-eggshell membrane nanofibrous mat as a potential wound dressing material. 2022 , 108563		1
7	Synthesis and characterization of polyvinyl alcohol/bilk sericin nanofibers containing gelatin-capped silver nanoparticles for antibacterial applications.		0
6	Recent Advances in Silver Nanoparticles Containing Nanofibers for Chronic Wound Management. 2022 , 14, 3994		3
5	Polysaccharide Electrospun Nanofibers for Wound Healing Applications. Volume 17, 3913-3931		2
4	Morphology of electrospun PVA nanofibers enhanced with graphene oxide, poly (3,4-ethylenedioxythiophene): Polystyrene sulfonate (PEDOT:PSS) and multiwalled carbon nanotubes. 239-252		0

- 3 Biocompatible and antimicrobial multilayer fibrous polymeric wound dressing with optimally embedded silver nanoparticles. **2023**, 612, 155799 ○
- 2 Adsorptive removal of Zn, Fe, and Pb from Zn dominant simulated industrial wastewater solution using polyvinyl alcohol grafted chitosan variant resins. **2023**, 459, 141563 ○
- 1 PVA/Chitosan Composite Electrospun Nanofiber Membranes for Wound Dressing and Antibacterial Efficacy. ○