

Davood Kharaghani

List of Publications by Year in descending order

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38
papers

1,012
citations

394421

19
h-index

477307

29
g-index

38
all docs

38
docs citations

38
times ranked

1134
citing authors

#	ARTICLE	IF	CITATIONS
1	“Clay-corn-caprolactone” a novel bioactive clay polymer nanofibrous scaffold for bone tissue engineering. <i>Applied Clay Science</i> , 2022, 220, 106455.	5.2	9
2	Development of PVA–Psyllium Husk Meshes via Emulsion Electrospinning: Preparation, Characterization, and Antibacterial Activity. <i>Polymers</i> , 2022, 14, 1490.	4.5	8
3	Wet-spun bi-component alginate based hydrogel fibers: Development and in-vitro evaluation as a potential moist wound care dressing. <i>International Journal of Biological Macromolecules</i> , 2021, 168, 601-610.	7.5	27
4	Bioactive Sambong oil-loaded electrospun cellulose acetate nanofibers: Preparation, characterization, and in-vitro biocompatibility. <i>International Journal of Biological Macromolecules</i> , 2021, 166, 1009-1021.	7.5	61
5	Fabrication of Poly(Ethylene-glycol 1,4-Cyclohexane Dimethylene-Isosorbide-Terephthalate) Electrospun Nanofiber Mats for Potential Infiltration of Fibroblast Cells. <i>Polymers</i> , 2021, 13, 1245.	4.5	16
6	MiRNA-Nanofiber, the Next Generation of Bioactive Scaffolds for Bone Regeneration: A Review. <i>Micromachines</i> , 2021, 12, 1472.	2.9	9
7	Application of Nanowires for Retinal Regeneration. , 2020, , .		3
8	Development and characterization of composite carbon nanofibers surface-coated with ZnO/Ag nanoparticle arrays for ammonia sensor application. <i>Materials Today Communications</i> , 2020, 24, 101213.	1.9	5
9	Zinc oxide nanoparticles attached to polyacrylonitrile nanofibers with hinokitiol as gluing agent for synergistic antibacterial activities and effective dye removal. <i>Journal of Industrial and Engineering Chemistry</i> , 2020, 85, 258-268.	5.8	61
10	Fabrication of Antibacterial Nanofibers Composites by Functionalizing the Surface of Cellulose Acetate Nanofibers. <i>ChemistrySelect</i> , 2020, 5, 1315-1321.	1.5	14
11	Active loading graphite/hydroxyapatite into the stable hydroxyethyl cellulose scaffold nanofibers for artificial cornea application. <i>Cellulose</i> , 2020, 27, 3319-3334.	4.9	15
12	The synthesis of silver-nanoparticle-anchored electrospun polyacrylonitrile nanofibers and a comparison with as-spun silver/polyacrylonitrile nanocomposite membranes upon antibacterial activity. <i>Polymer Bulletin</i> , 2020, 77, 4197-4212.	3.3	23
13	Fabrication and characterization of wound dressings containing gentamicin/silver for wounds in diabetes mellitus patients. <i>Materials Research Express</i> , 2020, 7, 045004.	1.6	16
14	Study on Biocompatible Nanofibers. <i>Journal of Fiber Science and Technology</i> , 2020, 76, P-121-P-124.	0.0	0
15	Development of antibacterial contact lenses containing metallic nanoparticles. <i>Polymer Testing</i> , 2019, 79, 106034.	4.8	24
16	Design and characterization of dual drug delivery based on in-situ assembled PVA/PAN core-shell nanofibers for wound dressing application. <i>Scientific Reports</i> , 2019, 9, 12640.	3.3	81
17	Silver sulfadiazine loaded zein nanofiber mats as a novel wound dressing. <i>RSC Advances</i> , 2019, 9, 268-277.	3.6	64
18	The fabrications and characterizations of antibacterial PVA/Cu nanofibers composite membranes by synthesis of Cu nanoparticles from solution reduction, nanofibers reduction and immersion methods. <i>Materials Research Express</i> , 2019, 6, 075051.	1.6	19

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19	<p>Antibacterial properties of in situ and surface functionalized impregnation of silver sulfadiazine in polyacrylonitrile nanofiber mats<p>. International Journal of Nanomedicine, 2019, Volume 14, 2693-2703.	6.7	48
20	Nanofibers for Medical Textiles. , 2019, , 1-17.		0
21	Application of Nanofibers in Ophthalmic Tissue Engineering. , 2019, , 1-17.		0
22	Preparation and characterizations of multifunctional PVA/ZnO nanofibers composite membranes for surgical gown application. Journal of Materials Research and Technology, 2019, 8, 1328-1334.	5.8	54
23	Fabrication of antibacterial electrospun cellulose acetate/ silver-sulfadiazine nanofibers composites for wound dressings applications. Polymer Testing, 2019, 74, 39-44.	4.8	63
24	<i>In vitro</i> assessment of dualâ€network electrospun tubes from poly(1,4 cyclohexane dimethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Science, 2019, 136, 47222.	2.6	18
25	Nanofibers for Medical Textiles. , 2019, , 1-17.		2
26	The development of nanofiber tubes based on nanocomposites of polyvinylpyrrolidone incorporated gold nanoparticles as scaffolds for neuroscience application in axons. Textile Reseach Journal, 2019, 89, 2713-2720.	2.2	19
27	Comparison of fabrication methods for the effective loading of Ag onto PVA nanofibers. Textile Reseach Journal, 2019, 89, 625-634.	2.2	22
28	Application of Nanofibers in Ophthalmic Tissue Engineering. , 2019, , 649-664.		2
29	Nanofibers for Medical Textiles. , 2019, , 887-904.		0
30	Application of Nanofibers in Ophthalmic Tissue Engineering. , 2019, , 1-17.		0
31	Fabrication of electrospun antibacterial PVA/Cs nanofibers loaded with CuNPs and AgNPs by an in-situ method. Polymer Testing, 2018, 72, 315-321.	4.8	40
32	Preparation and In-Vitro Assessment of Hierarchal Organized Antibacterial Breath Mask Based on Polyacrylonitrile/Silver (PAN/AgNPs) Nanofiber. Nanomaterials, 2018, 8, 461.	4.1	50
33	Electrospun antibacterial polyacrylonitrile nanofiber membranes functionalized with silver nanoparticles by a facile wetting method. European Polymer Journal, 2018, 108, 69-75.	5.4	53
34	Mechanical Force for Fabricating Nanofiber. , 2018, , .		6
35	Self-Cleaning Properties of Electrospun PVA/TiO2 and PVA/ZnO Nanofibers Composites. Nanomaterials, 2018, 8, 644.	4.1	56
36	Electrospun tri-layered zein/PVP-GO/zein nanofiber mats for providing biphasic drug release profiles. International Journal of Pharmaceutics, 2017, 531, 101-107.	5.2	84

#	ARTICLE	IF	CITATIONS
37	Fabrication and characterization of nanofibers of honey/poly(1,4-cyclohexane dimethylene isosorbide) Tj ETQq1 1 0,784314 rgBT /Overl	7.3	39
38	Corrosion casts of big bubbles formed during deep anterior lamellar keratoplasty. Japanese Journal of Ophthalmology, 2016, 60, 492-499.	1.9	1