

# Davood Kharaghani

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

1,012  
citations

394286

19  
h-index

477173

29  
g-index

38  
all docs

38  
docs citations

38  
times ranked

1134  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrospun tri-layered zein/PVP-GO/zein nanofiber mats for providing biphasic drug release profiles. International Journal of Pharmaceutics, 2017, 531, 101-107.	2.6	84
2	Design and characterization of dual drug delivery based on in-situ assembled PVA/PAN core-shell nanofibers for wound dressing application. Scientific Reports, 2019, 9, 12640.	1.6	81
3	Silver sulfadiazine loaded zein nanofiber mats as a novel wound dressing. RSC Advances, 2019, 9, 268-277.	1.7	64
4	Fabrication of antibacterial electrospun cellulose acetate/ silver-sulfadiazine nanofibers composites for wound dressings applications. Polymer Testing, 2019, 74, 39-44.	2.3	63
5	Zinc oxide nanoparticles attached to polyacrylonitrile nanofibers with hinokitiol as gluing agent for synergistic antibacterial activities and effective dye removal. Journal of Industrial and Engineering Chemistry, 2020, 85, 258-268.	2.9	61
6	Bioactive Sambong oil-loaded electrospun cellulose acetate nanofibers: Preparation, characterization, and in-vitro biocompatibility. International Journal of Biological Macromolecules, 2021, 166, 1009-1021.	3.6	61
7	Self-Cleaning Properties of Electrospun PVA/TiO <sub>2</sub> and PVA/ZnO Nanofibers Composites. Nanomaterials, 2018, 8, 644.	1.9	56
8	Preparation and characterizations of multifunctional PVA/ZnO nanofibers composite membranes for surgical gown application. Journal of Materials Research and Technology, 2019, 8, 1328-1334.	2.6	54
9	Electrospun antibacterial polyacrylonitrile nanofiber membranes functionalized with silver nanoparticles by a facile wetting method. European Polymer Journal, 2018, 108, 69-75.	2.6	53
10	Preparation and In-Vitro Assessment of Hierarchical Organized Antibacterial Breath Mask Based on Polyacrylonitrile/Silver (PAN/AgNPs) Nanofiber. Nanomaterials, 2018, 8, 461.	1.9	50
11	&lt;p&gt;Antibacterial properties of in situ and surface functionalized impregnation of silver sulfadiazine in polyacrylonitrile nanofiber mats&lt;/p&gt;. International Journal of Nanomedicine, 2019, Volume 14, 2693-2703.	3.3	48
12	Fabrication of electrospun antibacterial PVA/Cs nanofibers loaded with CuNPs and AgNPs by an in-situ method. Polymer Testing, 2018, 72, 315-321.	2.3	40
13	Fabrication and characterization of nanofibers of honey/poly(1,4-cyclohexane dimethylene isosorbide) Tj ETQq1 1 0,784314 r gBT /Ov	3.8	39
14	Wet-spun bi-component alginate based hydrogel fibers: Development and in-vitro evaluation as a potential moist wound care dressing. International Journal of Biological Macromolecules, 2021, 168, 601-610.	3.6	27
15	Development of antibacterial contact lenses containing metallic nanoparticles. Polymer Testing, 2019, 79, 106034.	2.3	24
16	The synthesis of silver-nanoparticle-anchored electrospun polyacrylonitrile nanofibers and a comparison with as-spun silver/polyacrylonitrile nanocomposite membranes upon antibacterial activity. Polymer Bulletin, 2020, 77, 4197-4212.	1.7	23
17	Comparison of fabrication methods for the effective loading of Ag onto PVA nanofibers. Textile Research Journal, 2019, 89, 625-634.	1.1	22
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. Materials Research Express, 2019, 6, 075051.	0.8	19

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19	The development of nanofiber tubes based on nanocomposites of polyvinylpyrrolidone incorporated gold nanoparticles as scaffolds for neuroscience application in axons. <i>Textile Research Journal</i> , 2019, 89, 2713-2720.	1.1	19
20	<i>In vitro</i> assessment of dual-network electrospun tubes from poly(1,4-cyclohexane dimethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Science, 2019, 136, 47222.	1.3	18
21	Fabrication and characterization of wound dressings containing gentamicin/silver for wounds in diabetes mellitus patients. <i>Materials Research Express</i> , 2020, 7, 045004.	0.8	16
22	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.	2.0	16
23	Active loading graphite/hydroxyapatite into the stable hydroxyethyl cellulose scaffold nanofibers for artificial cornea application. <i>Cellulose</i> , 2020, 27, 3319-3334.	2.4	15
24	Fabrication of Antibacterial Nanofibers Composites by Functionalizing the Surface of Cellulose Acetate Nanofibers. <i>ChemistrySelect</i> , 2020, 5, 1315-1321.	0.7	14
25	MiRNA-Nanofiber, the Next Generation of Bioactive Scaffolds for Bone Regeneration: A Review. <i>Micromachines</i> , 2021, 12, 1472.	1.4	9
26	“Clay-corn-caprolactone” a novel bioactive clay polymer nanofibrous scaffold for bone tissue engineering. <i>Applied Clay Science</i> , 2022, 220, 106455.	2.6	9
27	Development of PVA“Psyllium Husk Meshes via Emulsion Electrospinning: Preparation, Characterization, and Antibacterial Activity. <i>Polymers</i> , 2022, 14, 1490.	2.0	8
28	Mechanical Force for Fabricating Nanofiber. , 2018, , .		6
29	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.	0.9	5
30	Application of Nanowires for Retinal Regeneration. , 2020, , .		3
31	Nanofibers for Medical Textiles. , 2019, , 1-17.		2
32	Application of Nanofibers in Ophthalmic Tissue Engineering. , 2019, , 649-664.		2
33	Corrosion casts of big bubbles formed during deep anterior lamellar keratoplasty. <i>Japanese Journal of Ophthalmology</i> , 2016, 60, 492-499.	0.9	1
34	Nanofibers for Medical Textiles. , 2019, , 1-17.		0
35	Application of Nanofibers in Ophthalmic Tissue Engineering. , 2019, , 1-17.		0
36	Nanofibers for Medical Textiles. , 2019, , 887-904.		0

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37	Application of Nanofibers in Ophthalmic Tissue Engineering. , 2019, , 1-17.		0
38	Study on Biocompatible Nanofibers. Journal of Fiber Science and Technology, 2020, 76, P-121-P-124.	0.0	0