

# Marziyeh Ranjbar-Mohammadi

## List of Publications by Year in descending order

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26  
papers

1,516  
citations

430874

18  
h-index

552781

26  
g-index

27  
all docs

27  
docs citations

27  
times ranked

2027  
citing authors

#	ARTICLE	IF	CITATIONS
1	Antibacterial performance and in vivo diabetic wound healing of curcumin loaded gum tragacanth/poly( $\hat{\mu}$ -caprolactone) electrospun nanofibers. <i>Materials Science and Engineering C</i> , 2016, 69, 1183-1191.	7.3	234
2	Electrospinning of PLGA/gum tragacanth nanofibers containing tetracycline hydrochloride for periodontal regeneration. <i>Materials Science and Engineering C</i> , 2016, 58, 521-531.	7.3	160
3	Electrospun curcumin loaded poly( $\hat{\mu}$ -caprolactone)/gum tragacanth nanofibers for biomedical application. <i>International Journal of Biological Macromolecules</i> , 2016, 84, 448-456.	7.5	147
4	Fabrication of novel nanofiber scaffolds from gum tragacanth/poly(vinyl alcohol) for wound dressing application: In vitro evaluation and antibacterial properties. <i>Materials Science and Engineering C</i> , 2013, 33, 4935-4943.	7.3	137
5	Recent Advances in Natural Gum-Based Biomaterials for Tissue Engineering and Regenerative Medicine: A Review. <i>Polymers</i> , 2020, 12, 176.	4.5	122
6	Grafting of chitosan as a biopolymer onto wool fabric using anhydride bridge and its antibacterial property. <i>Colloids and Surfaces B: Biointerfaces</i> , 2010, 76, 397-403.	5.0	98
7	Development of nanofibrous scaffolds containing gum tragacanth/poly( $\hat{\mu}$ -caprolactone) for application as skin scaffolds. <i>Materials Science and Engineering C</i> , 2015, 48, 71-79.	7.3	83
8	Fabrication, optimization and characterization of electrospun poly(caprolactone)/gelatin/graphene nanofibrous mats. <i>Materials Science and Engineering C</i> , 2017, 78, 218-229.	7.3	71
9	Gum tragacanth/poly(L-lactic acid) nanofibrous scaffolds for application in regeneration of peripheral nerve damage. <i>Carbohydrate Polymers</i> , 2016, 140, 104-112.	10.2	63
10	Fabrication and characterization of PCL/gelatin/curcumin nanofibers and their antibacterial properties. <i>Journal of Industrial Textiles</i> , 2016, 46, 562-577.	2.4	54
11	Fabrication of curcumin-loaded gum tragacanth/poly(vinyl alcohol) nanofibers with optimized electrospinning parameters. <i>Journal of Industrial Textiles</i> , 2017, 46, 1170-1192.	2.4	52
12	Production of cotton fabrics with durable antibacterial property by using gum tragacanth and silver. <i>International Journal of Biological Macromolecules</i> , 2018, 109, 476-482.	7.5	48
13	Low cost hydrogels based on gum Tragacanth and TiO <sub>2</sub> nanoparticles: characterization and RBFNN modelling of methylene blue dye removal. <i>International Journal of Biological Macromolecules</i> , 2019, 134, 967-975.	7.5	33
14	Coaxial nanofibers from poly(caprolactone)/ poly(vinyl alcohol)/Thyme and their antibacterial properties. <i>Journal of Industrial Textiles</i> , 2018, 47, 834-852.	2.4	31
15	Characteristics of aloe vera incorporated poly( $\hat{\mu}$ -caprolactone)/gum tragacanth nanofibers as dressings for wound care. <i>Journal of Industrial Textiles</i> , 2018, 47, 1464-1477.	2.4	28
16	Eco-friendly grafting of natural biopolymer chitosan onto acylated wool fabrics using ultrasonic and study its properties. <i>Journal of Applied Polymer Science</i> , 2013, 129, 707-713.	2.6	25
17	Titania/gum tragacanth nanohydrogel for methylene blue dye removal from textile wastewater using response surface methodology. <i>Polymer International</i> , 2019, 68, 134-140.	3.1	24
18	Designing triple- $\hat{\epsilon}$ shape memory polymers from a miscible polymer pair through dual- $\hat{\epsilon}$ electrospinning technique. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47471.	2.6	20

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19	Multi-cellular tumor spheroids formation of colorectal cancer cells on Gelatin/PLCL and Collagen/PLCL nanofibrous scaffolds. <i>European Polymer Journal</i> , 2019, 115, 115-124.	5.4	19
20	Design and characterization of keratin/PVA-PLA nanofibers containing hybrids of nanofibrillated chitosan/ZnO nanoparticles. <i>International Journal of Biological Macromolecules</i> , 2021, 187, 554-565.	7.5	19
21	Designing hybrid nanofibers based on keratin-poly (vinyl alcohol) and poly ( $\epsilon$ -caprolactone) for application as wound dressing. <i>Journal of Industrial Textiles</i> , 2022, 51, 1729S-1949S.	2.4	18
22	Fabrication and Characterization of Antibacterial Suture Yarns Containing PLA/Tetracycline Hydrochloride-PVA/Chitosan Nanofibers. <i>Fibers and Polymers</i> , 2022, 23, 1538-1547.	2.1	10
23	Production and in vitro analysis of catechin incorporated electrospun gelatin/ poly (lactic acid) microfibers for wound dressing applications. <i>Journal of Industrial Textiles</i> , 2022, 51, 7529S-7544S.	2.4	7
24	Adsorption of Carbon Dioxide with Ni-MOF-74 and MWCNT Incorporated Poly Acrylonitrile Nanofibers. <i>Nanomaterials</i> , 2022, 12, 412.	4.1	6
25	Efficient co-cultivation of human fibroblast cells (HFCs) and adipose-derived stem cells (ADSs) on gelatin/PLCL nanofiber. <i>IET Nanobiotechnology</i> , 2020, 14, 73-77.	3.8	4
26	Fabrication of a dye removal system through electrospun of TiO <sub>2</sub> /Nylon-6 nanocomposite on three-dimensional spacer fabrics. <i>Polymer Bulletin</i> , 2022, 79, 2953-2967.	3.3	2