

# Reza Faridi-Majidi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3559500/publications.pdf>

Version: 2024-02-01

51  
papers

1,625  
citations

293460

24  
h-index

355658

38  
g-index

53  
all docs

53  
docs citations

53  
times ranked

2834  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanofibers in Respiratory Masks: An Alternative to Prevent Pathogen Transmission. <i>IEEE Transactions on Nanobioscience</i> , 2023, 22, 685-701.	2.2	1
2	Fabrication and characterization of core-shell TiO <sub>2</sub> -containing nanofibers of PCL-zein by coaxial electrospinning method as an erythromycin drug carrier. <i>Polymer Bulletin</i> , 2022, 79, 1729-1749.	1.7	15
3	Application of Functional Magnetic Nanoparticles for Separation of Target Materials: A Review. <i>Current Nanoscience</i> , 2022, 18, 554-570.	0.7	2
4	Chitosan coated metallic nanoparticles with stability, antioxidant, and antibacterial properties: Potential for wound healing application. <i>Journal of Applied Polymer Science</i> , 2022, 139, 51766.	1.3	16
5	Hybrid PCL/chitosan-PEO nanofibrous scaffolds incorporated with <i>A. euchroma</i> extract for skin tissue engineering application. <i>Carbohydrate Polymers</i> , 2022, 278, 118926.	5.1	53
6	Effective antibacterial electrospun cellulose acetate nanofibrous patches containing chitosan/erythromycin nanoparticles. <i>International Journal of Biological Macromolecules</i> , 2021, 168, 464-473.	3.6	35
7	Cell attachment effects of collagen nanoparticles on crosslinked electrospun nanofibers. <i>International Journal of Artificial Organs</i> , 2021, 44, 199-207.	0.7	12
8	Layer by Layer Assembled Chitosan-Coated Gold Nanoparticles for Enhanced siRNA Delivery and Silencing. <i>International Journal of Molecular Sciences</i> , 2021, 22, 831.	1.8	35
9	Fabrication and characterization of chitosan/kefiran electrospun nanofibers for tissue engineering applications. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50547.	1.3	21
10	State-of-the-Art of Nanodiagnostics and Nanotherapeutics against SARS-CoV-2. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 14816-14843.	4.0	27
11	Enhanced siRNA Delivery and Selective Apoptosis Induction in H1299 Cancer Cells by Layer-by-Layer-Assembled Se Nanocomplexes: Toward More Efficient Cancer Therapy. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 639184.	1.6	13
12	Increasing Angiogenesis Factors in Hypoxic Diabetic Wound Conditions by siRNA Delivery: Additive Effect of LbL-Gold Nanocarriers and Desloratadine-Induced Lysosomal Escape. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9216.	1.8	19
13	Macrophage reprogramming into a pro-healing phenotype by siRNA delivered with LBL assembled nanocomplexes for wound healing applications. <i>Nanoscale</i> , 2021, 13, 15445-15463.	2.8	15
14	Curcumin-loaded nanofibers for targeting endometriosis in the peritoneum of a mouse model. <i>Journal of Materials Science: Materials in Medicine</i> , 2020, 31, 8.	1.7	21
15	Simple and robust fabrication and characterization of conductive carbonized nanofibers loaded with gold nanoparticles for bone tissue engineering applications. <i>Materials Science and Engineering C</i> , 2020, 117, 111226.	3.8	49
16	Optimization of Docetaxel Loading Conditions in Liposomes: proposing potential products for metastatic breast carcinoma chemotherapy. <i>Scientific Reports</i> , 2020, 10, 5569.	1.6	54
17	Kefiran/poly(vinyl alcohol)/poly(vinyl pyrrolidone) composite nanofibers: fabrication, characterization and consideration of effective parameters in electrospinning. <i>SN Applied Sciences</i> , 2020, 2, 1.	1.5	8
18	Evaluation of effective needleless electrospinning parameters controlling polyacrylonitrile nanofibers diameter via modeling artificial neural networks. <i>Journal of the Textile Institute</i> , 2019, 110, 477-486.	1.0	12

#	ARTICLE	IF	CITATIONS
19	Development of electrically conductive hybrid nanofibers based on CNT/polyurethane nanocomposite for cardiac tissue engineering. <i>Microscopy Research and Technique</i> , 2019, 82, 1316-1325.	1.2	77
20	Nanofiber-acellular dermal matrix as a bilayer scaffold containing mesenchymal stem cell for healing of full-thickness skin wounds. <i>Cell and Tissue Research</i> , 2019, 375, 709-721.	1.5	32
21	An alternative solvent for electrospinning of fibrinogen nanofibers. <i>Bio-Medical Materials and Engineering</i> , 2018, 29, 279-287.	0.4	3
22	Heart valve tissue engineering: an overview of heart valve decellularization processes. <i>Regenerative Medicine</i> , 2018, 13, 41-54.	0.8	36
23	Plasmonic photothermal therapy of colon cancer cells utilising gold nanoshells: an in vitro study. <i>IET Nanobiotechnology</i> , 2018, 12, 196-200.	1.9	9
24	Novel electro-conductive nanocomposites based on electrospun PLGA/CNT for biomedical applications. <i>Journal of Materials Science: Materials in Medicine</i> , 2018, 29, 168.	1.7	24
25	The effects of cross-linked/uncross-linked electrospun fibrinogen/polycaprolactone nanofibers on the proliferation of normal human epidermal keratinocytes. <i>Journal of Polymer Engineering</i> , 2018, 38, 945-953.	0.6	4
26	Cross-linking gold nanoparticles aggregation method based on localised surface plasmon resonance for quantitative detection of miR-155. <i>IET Nanobiotechnology</i> , 2018, 12, 453-458.	1.9	23
27	Tumor-associated macrophages and epithelial-mesenchymal transition in cancer: Nanotechnology comes into view. <i>Journal of Cellular Physiology</i> , 2018, 233, 9223-9236.	2.0	33
28	Biocompatibility and nanostructured materials: applications in nanomedicine. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 833-842.	1.9	155
29	Investigation of properties of chemically cross-linked silk nanofibrous mat as a nerve guide. <i>Materials Technology</i> , 2017, 32, 551-559.	1.5	10
30	Preparation of collagen/polyurethane/knitted silk as a composite scaffold for tendon tissue engineering. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2017, 231, 652-662.	1.0	38
31	Using siRNA-based spherical nucleic acid nanoparticle conjugates for gene regulation in psoriasis. <i>Journal of Controlled Release</i> , 2017, 268, 259-268.	4.8	61
32	Electrospun PLLA nanofiber scaffolds for bladder smooth muscle reconstruction. <i>International Urology and Nephrology</i> , 2016, 48, 1097-1104.	0.6	27
33	Effective parameters on conductivity of mineralized carbon nanofibers: an investigation using artificial neural networks. <i>RSC Advances</i> , 2016, 6, 111908-111918.	1.7	31
34	Anti-inflammatory effects of eugenol nanoemulsion as a topical delivery system. <i>Pharmaceutical Development and Technology</i> , 2016, 21, 887-893.	1.1	53
35	Preparation of a biomimetic composite scaffold from gelatin/collagen and bioactive glass fibers for bone tissue engineering. <i>Materials Science and Engineering C</i> , 2016, 59, 533-541.	3.8	95
36	The Differentiation of Human Endometrial Stem Cells into Neuron-Like Cells on Electrospun PAN-Derived Carbon Nanofibers with Random and Aligned Topographies. <i>Molecular Neurobiology</i> , 2016, 53, 4798-4808.	1.9	52

#	ARTICLE	IF	CITATIONS
37	Herbal Extract Loaded Chitosan-Based Nanofibers as a Potential Wound-Dressing. <i>Journal of Advanced Medical Sciences and Applied Technologies</i> , 2016, 2, 141.	0.3	22
38	Preparation of an ascorbic acid/PVA-chitosan electrospun mat: a core/shell transdermal delivery system. <i>RSC Advances</i> , 2015, 5, 50462-50469.	1.7	48
39	Functionalization of PAN-Based Electrospun Carbon Nanofibers by Acid Oxidation: Study of Structural, Electrical and Mechanical Properties. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2015, 23, 930-937.	1.0	20
40	Fabrication of antibacterial silver nanoparticle-modified chitosan fibers using <i>Eucalyptus</i> extract as a reducing agent. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	20
41	Parameters affecting carbon nanofiber electrodes for measurement of cathodic current in electrochemical sensors: an investigation using artificial neural network. <i>RSC Advances</i> , 2015, 5, 81243-81252.	1.7	37
42	Performance of electrodes synthesized with polyacrylonitrile-based carbon nanofibers for application in electrochemical sensors and biosensors. <i>Materials Science and Engineering C</i> , 2015, 48, 673-678.	3.8	60
43	Optimizing parameters on alignment of PCL/PGA nanofibrous scaffold: An artificial neural networks approach. <i>International Journal of Biological Macromolecules</i> , 2015, 81, 1089-1097.	3.6	27
44	Influence of polymeric coating on capillary electrophoresis of iron oxide nanoparticles. <i>Journal of the Iranian Chemical Society</i> , 2014, 11, 279-284.	1.2	11
45	Preparation and characterization of kefiran electrospun nanofibers. <i>International Journal of Biological Macromolecules</i> , 2014, 70, 50-56.	3.6	45
46	Electrospinning of nylon-6,6 solutions into nanofibers: Rheology and morphology relationships. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2014, 32, 793-804.	2.0	60
47	PS/TiO <sub>2</sub> (polystyrene/titanium dioxide) composite nanofibers with higher surface-to-volume ratio prepared by electrospinning: Morphology and thermal properties. <i>Polymer Engineering and Science</i> , 2013, 53, 2407-2412.	1.5	15
48	Multi-Phase Composite Nanofibers via Electrospinning of Latex Containing Nanocapsules with Core-Shell Morphology. <i>Polymer-Plastics Technology and Engineering</i> , 2012, 51, 364-368.	1.9	18
49	Artificial neural networks modeling of electrospinning of polyethylene oxide from aqueous acid acetic solution. <i>Journal of Applied Polymer Science</i> , 2012, 125, 1910-1921.	1.3	22
50	Use of artificial neural networks to determine parameters controlling the nanofibers diameter in electrospinning of nylon-6,6. <i>Journal of Applied Polymer Science</i> , 2012, 124, 1589-1597.	1.3	39
51	Magnetic polystyrene nanocapsules with core-shell morphology obtained by emulsifier-free miniemulsion polymerization. <i>Polymer Science - Series A</i> , 2011, 53, 143-148.	0.4	9