

# Mazaher Gholipourmalekabadi

## List of Publications by Year in descending order

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76  
papers

2,499  
citations

159358

30  
h-index

214527

47  
g-index

80  
all docs

80  
docs citations

80  
times ranked

3272  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioengineering of fibroblast- conditioned polycaprolactone/gelatin electrospun scaffold for skin tissue engineering. <i>Artificial Organs</i> , 2022, 46, 1040-1054.	1.0	16
2	Fabrication of an Antimicrobial Peptide-Loaded Silk Fibroin/Gelatin Bilayer Sponge to Apply as a Wound Dressing; An In Vitro Study. <i>International Journal of Peptide Research and Therapeutics</i> , 2022, 28, 1.	0.9	12
3	Design, preparation, and characterization of silk fibroin/carboxymethyl cellulose wound dressing for skin tissue regeneration applications. <i>Polymer Engineering and Science</i> , 2022, 62, 2741-2749.	1.5	24
4	Layered double hydroxide-galactose as an excellent nanocarrier for targeted delivery of curcumin to hepatocellular carcinoma cells. <i>Applied Clay Science</i> , 2021, 200, 105891.	2.6	21
5	Comparing various protocols of human and bovine ovarian tissue decellularization to prepare extracellular matrix-alginate scaffold for better follicle development in vitro. <i>BMC Biotechnology</i> , 2021, 21, 8.	1.7	24
6	Conductive chitosan/polyaniline hydrogel with cell-imprinted topography as a potential substrate for neural priming of adipose derived stem cells. <i>RSC Advances</i> , 2021, 11, 15795-15807.	1.7	16
7	Artificial testis: a testicular tissue extracellular matrix as a potential bio-ink for 3D printing. <i>Biomaterials Science</i> , 2021, 9, 3465-3484.	2.6	33
8	Long-term preservation effects on biological properties of acellular placental sponge patches. <i>Materials Science and Engineering C</i> , 2021, 121, 111814.	3.8	11
9	Functionalized Polymers Processed by 3D Printing. , 2021, , 153-168.		0
10	Hydrogels as Emerging Materials for Cornea Wound Healing. <i>Small</i> , 2021, 17, e2006335.	5.2	52
11	Optimization of decellularized human placental macroporous scaffolds for spermatogonial stem cells homing. <i>Journal of Materials Science: Materials in Medicine</i> , 2021, 32, 47.	1.7	18
12	Human Olfactory Mucosa Stem Cells Delivery Using a Collagen Hydrogel: As a Potential Candidate for Bone Tissue Engineering. <i>Materials</i> , 2021, 14, 3909.	1.3	32
13	Fabrication and characterization of an antibacterial chitosan/silk fibroin electrospun nanofiber loaded with a cationic peptide for wound-dressing application. <i>Journal of Materials Science: Materials in Medicine</i> , 2021, 32, 114.	1.7	28
14	Injectable nanocomposite hydrogels as an emerging platform for biomedical applications: A review. <i>Materials Science and Engineering C</i> , 2021, 131, 112489.	3.8	55
15	How preparation and preservation procedures affect the properties of amniotic membrane? How safe are the procedures?. <i>Burns</i> , 2020, 46, 1254-1271.	1.1	45
16	Silk fibroin for skin injury repair: Where do things stand?. <i>Advanced Drug Delivery Reviews</i> , 2020, 153, 28-53.	6.6	139
17	Synthesis and characterization of novel mesoporous strontium-modified bioactive glass nanospheres for bone tissue engineering applications. <i>Microporous and Mesoporous Materials</i> , 2020, 294, 109889.	2.2	30
18	Protocols for decellularization of human amniotic membrane. <i>Methods in Cell Biology</i> , 2020, 157, 37-47.	0.5	11

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19	3D scaffold materials for skin cancer modeling. , 2020, , 305-328.		1
20	Improvement, scaling-up, and downstream analysis of exosome production. Critical Reviews in Biotechnology, 2020, 40, 1098-1112.	5.1	36
21	Thermo-responsive chitosan hydrogel for healing of full-thickness wounds infected with XDR bacteria isolated from burn patients: In vitro and in vivo animal model. International Journal of Biological Macromolecules, 2020, 164, 4475-4486.	3.6	41
22	Gelatin Electrospun Mat as a Potential Co-culture System for <i>In Vitro</i> Production of Sperm Cells from Embryonic Stem Cells. ACS Biomaterials Science and Engineering, 2020, 6, 5823-5832.	2.6	4
23	Photo-crosslinked gelatin-polyvinyl alcohol composite films: UV-riboflavin treatment for improving functional properties. Journal of Food Processing and Preservation, 2020, 44, e14550.	0.9	8
24	Bacteriophage Based Biosensors: Trends, Outcomes and Challenges. Nanomaterials, 2020, 10, 501.	1.9	68
25	Antimicrobial peptides-loaded smart chitosan hydrogel: Release behavior and antibacterial potential against antibiotic resistant clinical isolates. International Journal of Biological Macromolecules, 2020, 164, 855-862.	3.6	62
26	The in vivo effect of Lacto-N-neotetraose (LNnT) on the expression of type 2 immune response involved genes in the wound healing process. Scientific Reports, 2020, 10, 997.	1.6	11
27	Surface Topography and Electrical Signaling: Single and Synergistic Effects on Neural Differentiation of Stem Cells. Advanced Functional Materials, 2020, 30, 1907792.	7.8	50
28	Structure-properties relationship for energy storage redox polymers: a review. Journal of Polymer Engineering, 2020, 40, 373-393.	0.6	1
29	Organic Montmorillonite Intercalated Nano-composites Prevent Post-Surgical Associated Infections. Advanced Materials Letters, 2020, 11, 18-21.	0.3	0
30	Emerging roles of exosomal miRNAs in breast cancer drug resistance. IUBMB Life, 2019, 71, 1672-1684.	1.5	26
31	Grafted biopolymers II: synthesis and characterization. , 2019, , 43-63.		1
32	Modulation of Hypertrophic Scar Formation Using Amniotic Membrane/Electrospun Silk Fibroin Bilayer Membrane in a Rabbit Ear Model. ACS Biomaterials Science and Engineering, 2019, 5, 1487-1496.	2.6	41
33	Olfactory mucosa stem cells: An available candidate for the treatment of the Parkinson's disease. Journal of Cellular Physiology, 2019, 234, 23763-23773.	2.0	36
34	Crosstalk between chitosan and cell signaling pathways. Cellular and Molecular Life Sciences, 2019, 76, 2697-2718.	2.4	44
35	Three-dimensional electrospun gelatin scaffold coseeded with embryonic stem cells and sertoli cells: A promising substrate for in vitro coculture system. Journal of Cellular Biochemistry, 2019, 120, 12508-12518.	1.2	7
36	Nanocomposite scaffold seeded with mesenchymal stem cells for bone repair. Cell Biology International, 2019, 43, 1379-1392.	1.4	9

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37	1. Cationic antimicrobial polymers. , 2019, , 1-32.		0
38	2. Antibacterial activity of amphiphilic polymers. , 2019, , 33-56.		0
39	5. Biocidal activity of biodegradable polymers. , 2019, , 107-124.		0
40	Intravenous Administration of Granulocyte-Colony Stimulating Factor for Stem Cells Mobilization and Third Degree Burn Wound Healing in Rats. Journal of Applied Biotechnology Reports, 2019, 6, 83-87.	0.9	3
41	3D Protein-Based Bilayer Artificial Skin for the Guided Scarless Healing of Third-Degree Burn Wounds in Vivo. Biomacromolecules, 2018, 19, 2409-2422.	2.6	68
42	Osteogenic potential of stem cells-seeded bioactive nanocomposite scaffolds: A comparative study between human mesenchymal stem cells derived from bone, umbilical cord Wharton's jelly, and adipose tissue. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2018, 106, 61-72.	1.6	89
43	Evaluation of metformin effects in the chronic phase of spontaneous seizures in pilocarpine model of temporal lobe epilepsy. Metabolic Brain Disease, 2018, 33, 107-114.	1.4	44
44	Polyaniline-Based Blends. , 2018, , 149-174.		4
45	Silk fibroin/amniotic membrane 3D bi-layered artificial skin. Biomedical Materials (Bristol), 2018, 13, 035003.	1.7	97
46	Effect of Co-administration of Bumetanide and Phenobarbital on Seizure Attacks in Temporal Lobe Epilepsy. Basic and Clinical Neuroscience, 2018, 9, 408-416.	0.3	4
47	Comparison of the antibacterial effects of a short cationic peptide and 1% silver bioactive glass against extensively drug-resistant bacteria, Pseudomonas aeruginosa and Acinetobacter baumannii, isolated from burn patients. Amino Acids, 2018, 50, 1617-1628.	1.2	21
48	Repair of Critical-Sized Rat Calvarial Defects With Three-Dimensional Hydroxyapatite-Gelatin Scaffolds and Bone Marrow Stromal Stem Cells. Medicinski Arhiv = Medical Archives = Archives De MÃ©decine, 2018, 72, 88.	0.4	10
49	Chitosan-Intercalated Montmorillonite/Poly(vinyl alcohol) Nanofibers as a Platform to Guide Neuronlike Differentiation of Human Dental Pulp Stem Cells. ACS Applied Materials & Interfaces, 2017, 9, 11392-11404.	4.0	81
50	Fabrication of newly developed pectin -GeO <sub>2</sub> nanocomposite using extreme biomimetics route and its antibacterial activities. Journal of Macromolecular Science - Pure and Applied Chemistry, 2017, 54, 655-661.	1.2	16
51	Targeted Drug Delivery Based on Gold Nanoparticle Derivatives. Current Pharmaceutical Design, 2017, 23, 2918-2929.	0.9	67
52	Oxygen-generating nanobiomaterials for the treatment of diabetes. , 2016, , 331-353.		2
53	Nanobiomaterials set to revolutionize drug-delivery systems for the treatment of diabetes. , 2016, , 487-514.		4
54	Fabrication and in vivo evaluation of an osteoblast-conditioned nano-hydroxyapatite/gelatin composite scaffold for bone tissue regeneration. Journal of Biomedical Materials Research - Part A, 2016, 104, 2001-2010.	2.1	59

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55	Human Amniotic Membrane as a Biological Source for Regenerative Medicine. <i>Pancreatic Islet Biology</i> , 2016, , 81-105.	0.1	5
56	A Dermal Equivalent Engineered with TGF $\beta$ 23 Expressing Bone Marrow Stromal Cells and Amniotic Membrane: Cosmetic Healing of Full-Thickness Skin Wounds in Rats. <i>Artificial Organs</i> , 2016, 40, E266-E279.	1.0	22
57	Mechanical and tribological properties of Vâ€Câ€N coatings as a function of applied bias voltage. <i>Journal of Superhard Materials</i> , 2016, 38, 337-350.	0.5	10
58	The correlation between <i>Toxoplasma gondii</i> infection and prenatal depression in pregnant women. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2016, 35, 1829-1835.	1.3	41
59	Osteoblastâ€Seeded Bioglass/Gelatin Nanocomposite: A Promising Bone Substitute in Critical-Size Calvarial Defect Repair in Rat. <i>International Journal of Artificial Organs</i> , 2016, 39, 524-533.	0.7	43
60	Oxygen-Generating Biomaterials: A New, Viable Paradigm for Tissue Engineering?. <i>Trends in Biotechnology</i> , 2016, 34, 1010-1021.	4.9	186
61	Decellularized human amniotic membrane: how viable is it as a delivery system for human adipose tissueâ€derived stromal cells?. <i>Cell Proliferation</i> , 2016, 49, 115-121.	2.4	65
62	Silver- and fluoride-containing mesoporous bioactive glasses versus commonly used antibiotics: Activity against multidrug-resistant bacterial strains isolated from patients with burns. <i>Burns</i> , 2016, 42, 131-140.	1.1	37
63	Synthesis, Physico-chemical Characteristics And Cellular Behavior Of Poly (lactic-co-glycolic Acid)/ Gelatin Nanofibrous Scaffolds For Engineering Soft Connective Tissues. <i>Advanced Materials Letters</i> , 2016, 7, 163-169.	0.3	18
64	Decellularized human amniotic membrane: more is needed for an efficient dressing for protection of burns against antibiotic-resistant bacteria isolated from burn patients. <i>Burns</i> , 2015, 41, 1488-1497.	1.1	62
65	Synthesis and characterization of nanocrystalline forsterite coated poly(l-lactide-co-Î2-malic acid) scaffolds for bone tissue engineering applications. <i>Materials Science and Engineering C</i> , 2015, 50, 117-123.	3.8	27
66	Development of a Costâ€Effective and Simple Protocol for Decellularization and Preservation of Human Amniotic Membrane as a Soft Tissue Replacement and Delivery System for Bone Marrow Stromal Cells. <i>Advanced Healthcare Materials</i> , 2015, 4, 918-926.	3.9	72
67	Lymphoid lineage differentiation potential of mouse nuclear transfer embryonic stem cells. <i>Biologicals</i> , 2015, 43, 349-354.	0.5	1
68	Optimization of fluoride-containing bioactive glasses as a novel scolicidal agent adjunct to hydatid surgery. <i>Acta Tropica</i> , 2015, 148, 105-114.	0.9	26
69	Detection and qualification of optimum antibacterial and cytotoxic activities of silverâ€doped bioactive glasses. <i>IET Nanobiotechnology</i> , 2015, 9, 209-214.	1.9	29
70	Optimization of nanofibrous silk fibroin scaffold as a delivery system for bone marrow adherent cells: <i>in vitro</i> and <i>in vivo</i> studies. <i>Biotechnology and Applied Biochemistry</i> , 2015, 62, 785-794.	1.4	48
71	<i>in vitro</i> and <i>in vivo</i> evaluations of threeâ€dimensional hydroxyapatite/silk fibroin nanocomposite scaffolds. <i>Biotechnology and Applied Biochemistry</i> , 2015, 62, 441-450.	1.4	45
72	Characterization of Lung Fibroblasts More than Two Decades after Mustard Gas Exposure. <i>PLoS ONE</i> , 2015, 10, e0145148.	1.1	1

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73	How Ethanol Treatment Affects The Physico-chemical And Biological Characteristics Of Silk Fibroin Nanofibrous Scaffolds. <i>Advanced Materials Letters</i> , 2015, 6, 391-394.	0.3	4
74	Title is missing!. <i>Journal of Medical and Biological Engineering</i> , 2013, 33, 207.	1.0	46
75	Biological Response of Biphasic Hydroxyapatite/Tricalcium Phosphate Scaffolds Intended for Low Load-Bearing Orthopaedic Applications. <i>Advanced Composites Letters</i> , 2012, 21, 096369351202100.	1.3	23
76	Preparation and characterization of polycaprolactone/forsterite nanocomposite porous scaffolds designed for bone tissue regeneration. <i>Composites Science and Technology</i> , 2012, 72, 716-723.	3.8	101