

# Rouhollah Mehdinavaz Aghdam

## List of Publications by Year in descending order

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18  
papers

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citations

1163117

8  
h-index

996975

15  
g-index

18  
all docs

18  
docs citations

18  
times ranked

338  
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigating the effect of PGA on physical and mechanical properties of electrospun PCL/PGA blend nanofibers. <i>Journal of Applied Polymer Science</i> , 2012, 124, 123-131.	2.6	87
2	Fabrication of a Nanofibrous Scaffold for the In Vitro Culture of Cardiac Progenitor Cells for Myocardial Regeneration. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2014, 63, 229-239.	3.4	31
3	Improving biocompatibility and corrosion resistance of anodized AZ31 Mg alloy by electrospun chitosan/mineralized bone allograft (MBA) nanocoatings. <i>Surface and Coatings Technology</i> , 2021, 405, 126627.	4.8	24
4	Synergic role of zinc and gallium doping in hydroxyapatite nanoparticles to improve osteogenesis and antibacterial activity. <i>Materials Science and Engineering C</i> , 2022, 134, 112684.	7.3	17
5	<i>In situ</i> synthesis of ZrB <sub>2</sub> -ZrSiC ultra-high-temperature nanocomposites by a sol-gel process. <i>Advances in Applied Ceramics</i> , 2018, 117, 189-195.	1.1	13
6	Smart piezoelectric biomaterials for tissue engineering and regenerative medicine: a review. <i>Biomedizinische Technik</i> , 2022, 67, 71-88.	0.8	13
7	Tri-layered alginate/poly( $\epsilon$ -caprolactone) electrospun scaffold for cardiac tissue engineering. <i>Polymer International</i> , 2022, 71, 1099-1108.	3.1	11
8	Targeted and Controlled Drug Delivery to a Rat Model of Heart Failure Through a Magnetic Nanocomposite. <i>Annals of Biomedical Engineering</i> , 2020, 48, 709-721.	2.5	9
9	Mesenchymal Stem Cell-Derived Exosomes for COVID-19 Therapy, Preclinical and Clinical Evidence. <i>International Journal of Stem Cells</i> , 2021, 14, 252-261.	1.8	8
10	Corrosion, mechanical and bioactivity properties of HA-CNT nanocomposite coating on anodized Ti6Al4V alloy. <i>Journal of Materials Science: Materials in Medicine</i> , 2022, 33, 34.	3.6	8
11	Role of surface thermal properties of HfB <sub>2</sub> nanoparticles on heat flow in MWCNT/novolac composites. <i>Bulletin of Materials Science</i> , 2018, 41, 1.	1.7	4
12	Improvement of Heart Function After Transplantation of Encapsulated Stem Cells Induced with miR-1/Myocd in Myocardial Infarction Model of Rat. <i>Cell Transplantation</i> , 2021, 30, 096368972110487.	2.5	4
13	Biomaterials and stem cells as drug/gene-delivery vehicles for Parkinson's treatment: an update. <i>Regenerative Medicine</i> , 2021, 16, 1057-1072.	1.7	4
14	A novel substrate based on electrospun polyurethane nanofibers and electrospayed polyvinyl alcohol microparticles for recombinant human erythropoietin delivery. <i>Journal of Biomedical Materials Research - Part A</i> , 2022, 110, 181-195.	4.0	3
15	Oxygen Delivery Approaches to Augment Cell Survival After Myocardial Infarction: Progress and Challenges. <i>Cardiovascular Toxicology</i> , 2022, 22, 207-224.	2.7	2
16	Comparison of weight loss changes with different compositions of ZrB <sub>2</sub> nanoparticles in carbon fabric-novolac composite at high temperature. <i>Micro and Nano Letters</i> , 2017, 12, 589-594.	1.3	2
17	Surface modification of poly (L-lactic acid) films to improve electrical conductivity by surface entrapment/in situ polymerization methods. <i>Materials Research Express</i> , 2019, 6, 125381.	1.6	1
18	Erythropoietin-Loaded Nanofibrous Patch for Regeneration of Infarcted Myocardium. , 2017, , .		0