

Nasrin L Lotfibakhshaiesh

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7541273/publications.pdf>

Version: 2024-02-01

28
papers

1,447
citations

567144

15
h-index

526166

27
g-index

28
all docs

28
docs citations

28
times ranked

2240
citing authors

#	ARTICLE	IF	CITATIONS
1	The effects of strontium-substituted bioactive glasses on osteoblasts and osteoclasts in vitro. <i>Biomaterials</i> , 2010, 31, 3949-3956.	5.7	523
2	Strontium- and cobalt-substituted bioactive glasses seeded with human umbilical cord perivascular cells to promote bone regeneration via enhanced osteogenic and angiogenic activities. <i>Acta Biomaterialia</i> , 2017, 58, 502-514.	4.1	139
3	Accelerated wound healing in a diabetic rat model using decellularized dermal matrix and human umbilical cord perivascular cells. <i>Acta Biomaterialia</i> , 2016, 45, 234-246.	4.1	122
4	Polymeric Scaffolds in Neural Tissue Engineering: A Review. <i>Archives of Neuroscience</i> , 2013, 1, 15-20.	0.1	84
5	Synthesis, physico-chemical and biological characterization of strontium and cobalt substituted bioactive glasses for bone tissue engineering. <i>Journal of Non-Crystalline Solids</i> , 2016, 449, 133-140.	1.5	77
6	A review of 3D bio-printing for bone and skin tissue engineering: a commercial approach. <i>Journal of Materials Science</i> , 2020, 55, 3729-3749.	1.7	67
7	Fabrication of hydrogel based nanocomposite scaffold containing bioactive glass nanoparticles for myocardial tissue engineering. <i>Materials Science and Engineering C</i> , 2016, 69, 1137-1146.	3.8	57
8	Bioactive glass engineered coatings for Ti6Al4V alloys: Influence of strontium substitution for calcium on sintering behaviour. <i>Journal of Non-Crystalline Solids</i> , 2010, 356, 2583-2590.	1.5	56
9	A new approach for pancreatic tissue engineering: human endometrial stem cells encapsulated in fibrin gel can differentiate to pancreatic islet beta cell. <i>Cell Biology International</i> , 2014, 38, 1174-1182.	1.4	47
10	Enhanced Osseous Implant Fixation with Strontium-Substituted Bioactive Glass Coating. <i>Tissue Engineering - Part A</i> , 2014, 20, 1850-1857.	1.6	40
11	PCL/gelatin nanofibrous scaffolds with human endometrial stem cells/Schwann cells facilitate axon regeneration in spinal cord injury. <i>Journal of Cellular Physiology</i> , 2019, 234, 11060-11069.	2.0	34
12	Design and characterization of biodegradable multi layered electrospun nanofibers for corneal tissue engineering applications. <i>Journal of Biomedical Materials Research - Part A</i> , 2019, 107, 2340-2349.	2.1	32
13	Endothelial and Osteoblast Differentiation of Adipose-Derived Mesenchymal Stem Cells Using a Cobalt-Doped CaP/Silk Fibroin Scaffold. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 2134-2146.	2.6	25
14	A network analysis of angiogenesis/osteogenesis-related growth factors in bone tissue engineering based on in-vitro and in-vivo data: A systems biology approach. <i>Tissue and Cell</i> , 2021, 72, 101553.	1.0	20
15	The Role of Stem Cells in the Treatment of Cerebral Palsy: a Review. <i>Molecular Neurobiology</i> , 2017, 54, 4963-4972.	1.9	16
16	Reduction of marginal mass required for successful islet transplantation in a diabetic rat model using adipose tissue-derived mesenchymal stromal cells. <i>Cytherapy</i> , 2018, 20, 1124-1142.	0.3	16
17	Portable handheld bioprinters promote in situ tissue regeneration. <i>Bioengineering and Translational Medicine</i> , 2022, 7, .	3.9	16
18	Sol-gel synthesis and characterization of unexpected rod-like crystal fibers based on $\text{SiO}_2 \cdot (1-x)\text{CaO} \cdot x\text{SrO} \cdot \text{P}_2\text{O}_5$ dried-gel. <i>Journal of Non-Crystalline Solids</i> , 2012, 358, 342-348.	1.5	15

#	ARTICLE	IF	CITATIONS
19	When size matters: Biological response to strontium- and cobalt-substituted bioactive glass particles. <i>Materials Today: Proceedings</i> , 2018, 5, 15768-15775.	0.9	15
20	Cell attachment effects of collagen nanoparticles on crosslinked electrospun nanofibers. <i>International Journal of Artificial Organs</i> , 2021, 44, 199-207.	0.7	12
21	Therapeutic effects of combination of platelet lysate and sulfasalazine administration in TNBS-induced colitis in rat. <i>Biomedicine and Pharmacotherapy</i> , 2020, 125, 109949.	2.5	11
22	Preparation and characterization of 3D nanocomposite scaffold from bioactive glass/ β -tricalcium phosphate via Robocasting method for bone tissue engineering. <i>Journal of Non-Crystalline Solids</i> , 2022, 593, 121769.	1.5	10
23	Evaluation of Inhibitory Effects of Caffeine on Human Carcinoma Cells. <i>Nutrition and Cancer</i> , 2021, 73, 1998-2002.	0.9	5
24	k-Casein upregulates osteogenic differentiation on bone marrow mesenchymal stem cells cultured on agarose microcarriers. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2020, 69, 373-380.	1.8	3
25	Comparison of insulin secretion by transduced adipose-derived and endometrial-derived stem cells in 2D and 3D cultures on fibrin scaffold. <i>Journal of Biomedical Materials Research - Part A</i> , 2021, 109, 1036-1044.	2.1	2
26	Connecting Primary Health Care: A Comprehensive Pilot Study. <i>Acta Medica Iranica</i> , 2016, 54, 441-7.	0.8	2
27	Effect of metformin on serum vitamin B12 level in patients with type 2 diabetes mellitus. <i>International Journal of Diabetes in Developing Countries</i> , 2015, 35, 628-629.	0.3	1
28	Preparation and characterization of highly porous ceramic-based nanocomposite scaffolds with improved mechanical properties using the liquid phase-assisted sintering method. <i>Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications</i> , 2019, 233, 1854-1865.	0.7	0