

Behnaz Bakhshandeh

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7780506/publications.pdf>

Version: 2024-02-01

42
papers

1,686
citations

331670

21
h-index

289244

40
g-index

42
all docs

42
docs citations

42
times ranked

2496
citing authors

#	ARTICLE	IF	CITATIONS
1	New analytical methods using carbon-based nanomaterials for detection of Salmonella species as a major food poisoning organism in water and soil resources. <i>Chemosphere</i> , 2022, 287, 132243.	8.2	18
2	Enhanced osteogenesis of gelatin-halloysite nanocomposite scaffold mediated by loading strontium ranelate. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2021, 70, 392-402.	3.4	15
3	Concurrent application of conductive biopolymeric chitosan/ polyvinyl alcohol/ MWCNTs nanofibers, intracellular signaling manipulating molecules and electrical stimulation for more effective cardiac tissue engineering. <i>Materials Chemistry and Physics</i> , 2021, 258, 123842.	4.0	42
4	Capability of core-sheath polyvinyl alcohol-polycaprolactone emulsion electrospun nanofibrous scaffolds in releasing strontium ranelate for bone regeneration. <i>Biomedical Materials (Bristol)</i> , 2021, 16, 025009.	3.3	13
5	Mutations in SARS-CoV-2; Consequences in structure, function, and pathogenicity of the virus. <i>Microbial Pathogenesis</i> , 2021, 154, 104831.	2.9	92
6	Production of Soluble and Functional Anti-TNF- α Fab' Fragment in Cytoplasm of E. coli: Investigating the Effect of Process Conditions on Cellular Biomass and Protein Yield Using Response Surface Methodology. <i>Protein Journal</i> , 2021, 40, 786-798.	1.6	2
7	Variants in ACE2; potential influences on virus infection and COVID-19 severity. <i>Infection, Genetics and Evolution</i> , 2021, 90, 104773.	2.3	72
8	A review on advances in the applications of spider silk in biomedical issues. <i>International Journal of Biological Macromolecules</i> , 2021, 192, 258-271.	7.5	29
9	Synergistic effects of conductive PVA/PEDOT electrospun scaffolds and electrical stimulation for more effective neural tissue engineering. <i>European Polymer Journal</i> , 2020, 140, 110051.	5.4	57
10	Chitosan-PVA-CNT nanofibers as electrically conductive scaffolds for cardiovascular tissue engineering. <i>International Journal of Biological Macromolecules</i> , 2019, 140, 278-287.	7.5	127
11	Expansion of Human Pluripotent Stem Cell-derived Early Cardiovascular Progenitor Cells by a Cocktail of Signaling Factors. <i>Scientific Reports</i> , 2019, 9, 16006.	3.3	15
12	Prediction of putative small molecules for manipulation of enriched signalling pathways in hESC-derived early cardiovascular progenitors by bioinformatics analysis. <i>IET Systems Biology</i> , 2019, 13, 77-83.	1.5	2
13	Establishment of A Protocol for In Vitro Culture of Cardiogenic Mesodermal Cells Derived from Human Embryonic Stem Cells. <i>Cell Journal</i> , 2019, 20, 496-504.	0.2	5
14	Oligoaniline-based conductive biomaterials for tissue engineering. <i>Acta Biomaterialia</i> , 2018, 72, 16-34.	8.3	119
15	Sequential application of mineralized electroconductive scaffold and electrical stimulation for efficient osteogenesis. <i>Journal of Biomedical Materials Research - Part A</i> , 2018, 106, 1200-1210.	4.0	27
16	Enhanced chondrogenic differentiation of human bone marrow mesenchymal stem cells on PCL/PLGA electrospun with different alignments and compositions. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2018, 67, 50-60.	3.4	20
17	Effects of miR-21 downregulation and silibinin treatment in breast cancer cell lines. <i>Cytotechnology</i> , 2017, 69, 667-680.	1.6	21
18	A Novel Electroactive Agarose-Aniline Pentamer Platform as a Potential Candidate for Neural Tissue Engineering. <i>Scientific Reports</i> , 2017, 7, 17187.	3.3	133

#	ARTICLE	IF	CITATIONS
19	A novel protocol to provide a suitable cardiac model from induced pluripotent stem cells. <i>Biologicals</i> , 2017, 50, 42-48.	1.4	4
20	Tissue engineering; strategies, tissues, and biomaterials. <i>Biotechnology and Genetic Engineering Reviews</i> , 2017, 33, 144-172.	6.2	133
21	Bio - Conductive Scaffold Based on Agarose - Polyaniline for Tissue Engineering. <i>Journal of Skin and Stem Cell</i> , 2017, In Press, .	0.2	9
22	MicroRNA Modulation during the Culture of Hematopoietic Stem Cells Prior to Transplantation. <i>Iranian Journal of Medical Sciences</i> , 2017, 42, 40-47.	0.4	1
23	A Comprehensive Review on Exosomes and Microvesicles as Epigenetic Factors. <i>Current Stem Cell Research and Therapy</i> , 2016, 12, 31-36.	1.3	39
24	Functional synergy of anti-mir221 and nanohydroxyapatite scaffold in bone tissue engineering of rat skull. <i>Journal of Materials Science: Materials in Medicine</i> , 2016, 27, 132.	3.6	26
25	Comparative Evaluation of Silibinin Effects on Cell Cycling and Apoptosis in Human Breast Cancer MCF-7 and T47D Cell Lines. <i>Asian Pacific Journal of Cancer Prevention</i> , 2016, 17, 2661-5.	1.2	17
26	A Novel Protocol to Differentiate Induced Pluripotent Stem Cells by Neuronal microRNAs to Provide a Suitable Cellular Model. <i>Chemical Biology and Drug Design</i> , 2015, 86, 232-238.	3.2	23
27	TCF4 silencing sensitizes the colon cancer cell line to oxaliplatin as a common chemotherapeutic drug. <i>Anti-Cancer Drugs</i> , 2014, 25, 908-916.	1.4	17
28	The proliferation study of hips cell-derived neuronal progenitors on poly-caprolactone scaffold. <i>Basic and Clinical Neuroscience</i> , 2014, 5, 117-23.	0.6	8
29	miR-17-92 cluster: an apoptosis inducer or proliferation enhancer. <i>Molecular and Cellular Biochemistry</i> , 2013, 380, 229-238.	3.1	29
30	MicroRNAs as Markers for Neurally Committed CD133+/CD34+ Stem Cells Derived from Human Umbilical Cord Blood. <i>Biochemical Genetics</i> , 2013, 51, 175-188.	1.7	15
31	Evaluation of cationic dendrimer and lipid as transfection reagents of short RNAs for stem cell modification. <i>International Journal of Pharmaceutics</i> , 2013, 448, 231-238.	5.2	23
32	Mechanical Characteristics of Electrospun Aligned PCL/PLLA Nanofibrous Scaffolds Conduct Cell Differentiation in Human Bladder Tissue Engineering. <i>Journal of Nanoscience and Nanotechnology</i> , 2013, 13, 4736-4743.	0.9	19
33	Mesenchymal stem cells as an appropriate feeder layer for prolonged in vitro culture of human induced pluripotent stem cells. <i>Molecular Biology Reports</i> , 2013, 40, 3023-3031.	2.3	47
34	A comparative study on nonviral genetic modifications in cord blood and bone marrow mesenchymal stem cells. <i>Cytotechnology</i> , 2012, 64, 523-540.	1.6	39
35	Effective combination of hydrostatic pressure and aligned nanofibrous scaffolds on human bladder smooth muscle cells: implication for bladder tissue engineering. <i>Journal of Materials Science: Materials in Medicine</i> , 2012, 23, 2281-2290.	3.6	18
36	Exploring the enkephalinergic differentiation potential in adult stem cells for cell therapy and drug screening implications. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2012, 48, 562-569.	1.5	19

#	ARTICLE	IF	CITATIONS
37	A microRNA signature associated with chondrogenic lineage commitment. <i>Journal of Genetics</i> , 2012, 91, 171-182.	0.7	40
38	Down-regulation of miRNA-221 triggers osteogenic differentiation in human stem cells. <i>Biotechnology Letters</i> , 2012, 34, 1579-1587.	2.2	41
39	MicroRNA signature associated with osteogenic lineage commitment. <i>Molecular Biology Reports</i> , 2012, 39, 7569-7581.	2.3	46
40	Effective combination of aligned nanocomposite nanofibers and human unrestricted somatic stem cells for bone tissue engineering. <i>Acta Pharmacologica Sinica</i> , 2011, 32, 626-636.	6.1	49
41	THE FUTURE OF BIOPHARMACEUTICS' PRODUCTION. , 2009, , .		0
42	Phosphopeptide analysis by positive and negative ion matrix-assisted laser desorption/ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2001, 15, 1593-1599.	1.5	215