Gulistan Mese Ozcivici

List of Publications by Year
in descending order

32 papers	1,191 citations	566801 15 h-index	552369 26 g-index
34 all docs	34 docs citations	34 times ranked	1431 citing authors

#	Article	IF	Citations
1	The role of connexins in breast cancer: from misregulated cell communication to aberrant intracellular signaling. Tissue Barriers, 2022, 10, 1962698.	1.6	3
2	SEMA6D Differentially Regulates Proliferation, Migration, and Invasion of Breast Cell Lines. ACS Omega, 2022, 7, 15769-15778.	1.6	5
3	Frequency-specific sensitivity of 3T3-L1 preadipocytes to low-intensity vibratory stimulus during adipogenesis. In Vitro Cellular and Developmental Biology - Animal, 2022, 58, 452-461.	0.7	1
4	Connexin 32 overexpression increases proliferation, reduces gap junctional intercellular communication, motility and epithelial-to-mesenchymal transition in Hs578T breast cancer cells. Journal of Cell Communication and Signaling, 2022, 16, 361-376.	1.8	2
5	Scaffoldâ€free biofabrication of adipocyte structures with magnetic levitation. Biotechnology and Bioengineering, 2021, 118, 1127-1140.	1.7	18
6	Magnetic levitation assisted biofabrication, culture, and manipulation of 3D cellular structures using a ring magnet based setup. Biotechnology and Bioengineering, 2021, 118, 4771-4785.	1.7	12
7	Connexin 32 induces pro-tumorigenic features in MCF10A normal breast cells and MDA-MB-231 metastatic breast cancer cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 2020, 1867, 118851.	1.9	10
8	Low magnitude high frequency vibrations expedite the osteogenesis of bone marrow stem cells on paper based 3D scaffolds. Biomedical Engineering Letters, 2020, 10, 431-441.	2.1	6
9	Applicability of Low-intensity Vibrations as a Regulatory Factor on Stem and Progenitor Cell Populations. Current Stem Cell Research and Therapy, 2020, 15, 391-399.	0.6	4
10	Stem Cell Culture Under Simulated Microgravity. Advances in Experimental Medicine and Biology, 2020, 1298, 105-132.	0.8	10
11	Magnetic levitation-based adipose tissue engineering using horizontal magnet deployment. , 2020, , .		1
12	Assessment of cell cycle and viability of magnetic levitation assembled cellular structures. , 2020, , .		0
13	Osteogenic differentiation of mesenchymal stem cells on random and aligned PAN/PPy nanofibrous scaffolds. Journal of Biomaterials Applications, 2019, 34, 640-650.	1.2	21
14	Biofabrication of Cellular Structures Using Weightlessness as a Biotechnological Tool. , 2019, , .		7
15	Application of Magnetic Levitation Induced Weightlessness to Detect Cell Lineage. , 2019, , .		6
16	Label-free density-based detection of adipocytes of bone marrow origin using magnetic levitation. Analyst, The, 2019, 144, 2942-2953.	1.7	37
17	Cytotoxic Tolerance of Healthy and Cancerous Bone Cells to Anti-microbial Phenolic Compounds Depend on Culture Conditions. Applied Biochemistry and Biotechnology, 2019, 188, 514-526.	1.4	12
18	Biofabrication of in situ Self Assembled 3D Cell Cultures in a Weightlessness Environment Generated using Magnetic Levitation. Scientific Reports, 2018, 8, 7239.	1.6	84

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19	Low-intensity vibrations normalize adipogenesis-induced morphological and molecular changes of adult mesenchymal stem cells. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2017, 231, 160-168.	1.0	30
20	Alteration of protein localization and intracellular calcium content due to connexin26 D50A and A88V mutations. Turkish Journal of Biochemistry, 2017, 42, 195-202.	0.3	0
21	Epigenetics of Breast Cancer: DNA Methylome and Global Histone Modifications. , 2016, , 207-228.		2
22	Altered cellular localization and hemichannel activities of KID syndrome associated connexin26 I30N and D50Y mutations. BMC Cell Biology, 2016, 17, 5.	3.0	12
23	Connexin26 Mutations Causing Palmoplantar Keratoderma and Deafness Interact with Connexin43, Modifying Gap Junction and Hemichannel Properties. Journal of Investigative Dermatology, 2016, 136, 225-235.	0.3	43
24	Altered conductance and permeability of Cx40 mutations associated with atrial fibrillation. Journal of General Physiology, 2015, 146, 387-398.	0.9	21
25	Pathological hemichannels associated with human Cx26 mutations causing Keratitisâ€“Ichthyosisâ€“Deafness syndrome. Biochimica Et Biophysica Acta - Biomembranes, 2012, 1818, 2014-2019.	1.4	25
26	The Cx26-G45E mutation displays increased hemichannel activity in a mouse model of the lethal form of keratitis-ichthyosis-deafness syndrome. Molecular Biology of the Cell, 2011, 22, 4776-4786.	0.9	81
27	Differentially altered Ca2+ regulation and Ca2+ permeability in Cx26 hemichannels formed by the A40V and G45E mutations that cause keratitis ichthyosis deafness syndrome. Journal of General Physiology, 2010, 136, 47-62.	0.9	127
28	The cataract causing Cx50-S50P mutant inhibits Cx43 and intercellular communication in the lens epithelium. Experimental Cell Research, 2009, 315, 1063-1075.	1.2	39
29	Connexin26 deafness associated mutations show altered permeability to large cationic molecules. American Journal of Physiology - Cell Physiology, 2008, 295, C966-C974.	2.1	35
30	Gap Junction Channels Exhibit Connexin-specific Permeability to Cyclic Nucleotides. Journal of General Physiology, 2008, 131, 293-305.	0.9	109
31	Gap Junctions: Basic Structure and Function. Journal of Investigative Dermatology, 2007, 127, 2516-2524.	0.3	362
32	Altered gating properties of functional Cx26 mutants associated with recessive non-syndromic hearing loss. Human Genetics, 2004, 115, 191-199.	1.8	63