

# Gulistan Mese Ozcivici

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Gap Junctions: Basic Structure and Function. <i>Journal of Investigative Dermatology</i> , 2007, 127, 2516-2524.	0.3	362
2	Differentially altered Ca <sup>2+</sup> regulation and Ca <sup>2+</sup> permeability in Cx26 hemichannels formed by the A40V and G45E mutations that cause keratitis ichthyosis deafness syndrome. <i>Journal of General Physiology</i> , 2010, 136, 47-62.	0.9	127
3	Gap Junction Channels Exhibit Connexin-specific Permeability to Cyclic Nucleotides. <i>Journal of General Physiology</i> , 2008, 131, 293-305.	0.9	109
4	Biofabrication of in situ Self Assembled 3D Cell Cultures in a Weightlessness Environment Generated using Magnetic Levitation. <i>Scientific Reports</i> , 2018, 8, 7239.	1.6	84
5	The Cx26-G45E mutation displays increased hemichannel activity in a mouse model of the lethal form of keratitis-ichthyosis-deafness syndrome. <i>Molecular Biology of the Cell</i> , 2011, 22, 4776-4786.	0.9	81
6	Altered gating properties of functional Cx26 mutants associated with recessive non-syndromic hearing loss. <i>Human Genetics</i> , 2004, 115, 191-199.	1.8	63
7	Connexin26 Mutations Causing Palmoplantar Keratoderma and Deafness Interact with Connexin43, Modifying Gap Junction and Hemichannel Properties. <i>Journal of Investigative Dermatology</i> , 2016, 136, 225-235.	0.3	43
8	The cataract causing Cx50-S50P mutant inhibits Cx43 and intercellular communication in the lens epithelium. <i>Experimental Cell Research</i> , 2009, 315, 1063-1075.	1.2	39
9	Label-free density-based detection of adipocytes of bone marrow origin using magnetic levitation. <i>Analyst</i> , 2019, 144, 2942-2953.	1.7	37
10	Connexin26 deafness associated mutations show altered permeability to large cationic molecules. <i>American Journal of Physiology - Cell Physiology</i> , 2008, 295, C966-C974.	2.1	35
11	Low-intensity vibrations normalize adipogenesis-induced morphological and molecular changes of adult mesenchymal stem cells. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2017, 231, 160-168.	1.0	30
12	Pathological hemichannels associated with human Cx26 mutations causing Keratitisâ€“Ichthyosisâ€“Deafness syndrome. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2012, 1818, 2014-2019.	1.4	25
13	Altered conductance and permeability of Cx40 mutations associated with atrial fibrillation. <i>Journal of General Physiology</i> , 2015, 146, 387-398.	0.9	21
14	Osteogenic differentiation of mesenchymal stem cells on random and aligned PAN/PPy nanofibrous scaffolds. <i>Journal of Biomaterials Applications</i> , 2019, 34, 640-650.	1.2	21
15	Scaffoldâ€“free biofabrication of adipocyte structures with magnetic levitation. <i>Biotechnology and Bioengineering</i> , 2021, 118, 1127-1140.	1.7	18
16	Altered cellular localization and hemichannel activities of KID syndrome associated connexin26 I30N and D50Y mutations. <i>BMC Cell Biology</i> , 2016, 17, 5.	3.0	12
17	Cytotoxic Tolerance of Healthy and Cancerous Bone Cells to Anti-microbial Phenolic Compounds Depend on Culture Conditions. <i>Applied Biochemistry and Biotechnology</i> , 2019, 188, 514-526.	1.4	12
18	Magnetic levitation assisted biofabrication, culture, and manipulation of 3D cellular structures using a ring magnet based setup. <i>Biotechnology and Bioengineering</i> , 2021, 118, 4771-4785.	1.7	12

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19	Connexin 32 induces pro-tumorigenic features in MCF10A normal breast cells and MDA-MB-231 metastatic breast cancer cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2020, 1867, 118851.	1.9	10
20	Stem Cell Culture Under Simulated Microgravity. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1298, 105-132.	0.8	10
21	Biofabrication of Cellular Structures Using Weightlessness as a Biotechnological Tool. , 2019, , .		7
22	Application of Magnetic Levitation Induced Weightlessness to Detect Cell Lineage. , 2019, , .		6
23	Low magnitude high frequency vibrations expedite the osteogenesis of bone marrow stem cells on paper based 3D scaffolds. <i>Biomedical Engineering Letters</i> , 2020, 10, 431-441.	2.1	6
24	SEMA6D Differentially Regulates Proliferation, Migration, and Invasion of Breast Cell Lines. <i>ACS Omega</i> , 2022, 7, 15769-15778.	1.6	5
25	Applicability of Low-intensity Vibrations as a Regulatory Factor on Stem and Progenitor Cell Populations. <i>Current Stem Cell Research and Therapy</i> , 2020, 15, 391-399.	0.6	4
26	The role of connexins in breast cancer: from misregulated cell communication to aberrant intracellular signaling. <i>Tissue Barriers</i> , 2022, 10, 1962698.	1.6	3
27	Epigenetics of Breast Cancer: DNA Methylome and Global Histone Modifications. , 2016, , 207-228.		2
28	Connexin 32 overexpression increases proliferation, reduces gap junctional intercellular communication, motility and epithelial-to-mesenchymal transition in Hs578T breast cancer cells. <i>Journal of Cell Communication and Signaling</i> , 2022, 16, 361-376.	1.8	2
29	Magnetic levitation-based adipose tissue engineering using horizontal magnet deployment. , 2020, , .		1
30	Frequency-specific sensitivity of 3T3-L1 preadipocytes to low-intensity vibratory stimulus during adipogenesis. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2022, 58, 452-461.	0.7	1
31	Alteration of protein localization and intracellular calcium content due to connexin26 D50A and A88V mutations. <i>Turkish Journal of Biochemistry</i> , 2017, 42, 195-202.	0.3	0
32	Assessment of cell cycle and viability of magnetic levitation assembled cellular structures. , 2020, , .		0