Darja Marolt Presen

List of Publications by Citations

Source: https://exaly.com/author-pdf/8922879/darja-marolt-presen-publications-by-citations.pdf
Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

29 papers	1,870 citations	17 h-index	31 g-index
31 ext. papers	2,061 ext. citations	7.1 avg, IF	4.53 L-index

#	Paper	IF	Citations
29	Tissue engineered bone grafts: biological requirements, tissue culture and clinical relevance. *Current Stem Cell Research and Therapy*, **2008**, 3, 254-64	3.6	234
28	Engineering bone tissue substitutes from human induced pluripotent stem cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 8680-5	11.5	174
27	Bone and cartilage tissue constructs grown using human bone marrow stromal cells, silk scaffolds and rotating bioreactors. *Biomaterials*, **2006**, 27, 6138-49	15.6	157
26	Bone tissue engineering with human stem cells. *Stem Cell Research and Therapy*, **2010**, 1, 10	8.3	147
25	Bone grafts engineered from human adipose-derived stem cells in perfusion bioreactor culture. *Tissue Engineering - Part A*, **2010**, 16, 179-89	3.9	138
24	Specific activation of the Bacillus quorum-sensing systems by isoprenylated pheromone variants. *Molecular Microbiology*, **2002**, 44, 1561-73	4.1	135
23	Engineering bone tissue from human embryonic stem cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 8705-9	11.5	127
22	Engineering custom-designed osteochondral tissue grafts. *Trends in Biotechnology*, **2008**, 26, 181-9	15.1	118
21	Potential pathophysiological mechanisms in osteonecrosis of the jaw. *Annals of the New York Academy of Sciences*, **2011**, 1218, 62-79	6.5	115
20	Optimizing the medium perfusion rate in bone tissue engineering bioreactors. *Biotechnology and Bioengineering*, **2011**, 108, 1159-70	4.9	113
19	Bone scaffold architecture modulates the development of mineralized bone matrix by human embryonic stem cells. *Biomaterials*, **2012**, 33, 8329-42	15.6	79
18	Mesenchymal Stromal Cell-Based Bone Regeneration Therapies: From Cell Transplantation and Tissue Engineering to Therapeutic Secretomes and Extracellular Vesicles. *Frontiers in Bioengineering and Biotechnology*, **2019**, 7, 352	5.8	54
17	Effects of chondrogenic and osteogenic regulatory factors on composite constructs grown using human mesenchymal stem cells, silk scaffolds and bioreactors. *Journal of the Royal Society Interface* , **2008**, 5, 929-39	4.1	51
16	Bioreactor engineering of stem cell environments. *Biotechnology Advances*, **2013**, 31, 1020-31	17.8	43
15	Effects of pamidronate on human alveolar osteoblasts in vitro. *Journal of Oral and Maxillofacial Surgery*, **2012**, 70, 1081-92	1.8	32
14	Synergistic effects of hypoxia and morphogenetic factors on early chondrogenic commitment of human embryonic stem cells in embryoid body culture. *Stem Cell Reviews and Reports*, **2015**, 11, 228-41	6.4	18
13	Modulating the biochemical and biophysical culture environment to enhance osteogenic differentiation and maturation of human pluripotent stem cell-derived mesenchymal progenitors. *Stem Cell Research and Therapy*, **2013**, 4, 106	8.3	18

12	Derivation of two new human embryonic stem cell lines from nonviable human embryos. *Stem Cells International*, **2011**, 2011, 765378	5	17
11	Comprehensive analysis of skeletal muscle- and bone-derived mesenchymal stem/stromal cells in patients with osteoarthritis and femoral neck fracture. *Stem Cell Research and Therapy*, **2020**, 11, 146	8.3	14
10	Skeletal-muscle-derived mesenchymal stem/stromal cells from patients with osteoarthritis show superior biological properties compared to bone-derived cells. *Stem Cell Research*, **2019**, 38, 101465	1.6	13
9	Cultivation of human bone-like tissue from pluripotent stem cell-derived osteogenic progenitors in perfusion bioreactors. *Methods in Molecular Biology*, **2014**, 1202, 173-84	1.4	12
8	State of the art in stem cell research: human embryonic stem cells, induced pluripotent stem cells, and transdifferentiation. *Journal of Blood Transfusion*, **2012**, 2012, 317632		11
7	Primary human alveolar bone cells isolated from tissue samples acquired at periodontal surgeries exhibit sustained proliferation and retain osteogenic phenotype during in vitro expansion. *PLoS ONE*, **2014**, 9, e92969	3.7	10
6	Increased Exhaustion of the Subchondral Bone-Derived Mesenchymal Stem/ Stromal Cells in Primary Versus Dysplastic Osteoarthritis. *Stem Cell Reviews and Reports*, **2020**, 16, 742-754	7.3	7
5	Age-related alterations and senescence of mesenchymal stromal cells: Implications for regenerative treatments of bones and joints. *Mechanisms of Ageing and Development*, **2021**, 198, 111539	5.6	7
4	A novel fluorescent hydroxyapatite based on iron quantum cluster template to enhance osteogenic differentiation. *Materials Science and Engineering C*, **2020**, 111, 110775	8.3	5
3	Bone-Marrow-Derived Mesenchymal Stromal Cells: From Basic Biology to Applications in Bone Tissue Engineering and Bone Regeneration **2020**, 139-192		2
2	Tissue Engineering Craniofacial Bone Products **2015**, 521-539		1
1	Bone-Marrow-Derived Mesenchymal Stromal Cells: From Basic Biology to Applications in Bone Tissue Engineering and Bone Regeneration **2020**, 1-55		