

Darja Marolt Presen

List of Publications by Year in Descending Order

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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	Age-related alterations and senescence of mesenchymal stromal cells: Implications for regenerative treatments of bones and joints. <i>Mechanisms of Ageing and Development</i> , 2021 , 198, 111539 ^{5.6}		7
28	Increased Exhaustion of the Subchondral Bone-Derived Mesenchymal Stem/ Stromal Cells in Primary Versus Dysplastic Osteoarthritis. <i>Stem Cell Reviews and Reports</i> , 2020 , 16, 742-754	7.3	7
27	A novel fluorescent hydroxyapatite based on iron quantum cluster template to enhance osteogenic differentiation. <i>Materials Science and Engineering C</i> , 2020 , 111, 110775	8.3	5
26	Comprehensive analysis of skeletal muscle- and bone-derived mesenchymal stem/stromal cells in patients with osteoarthritis and femoral neck fracture. <i>Stem Cell Research and Therapy</i> , 2020 , 11, 146	8.3	14
25	Bone-Marrow-Derived Mesenchymal Stromal Cells: From Basic Biology to Applications in Bone Tissue Engineering and Bone Regeneration 2020 , 1-55		
24	Bone-Marrow-Derived Mesenchymal Stromal Cells: From Basic Biology to Applications in Bone Tissue Engineering and Bone Regeneration 2020 , 139-192		2
23	Skeletal-muscle-derived mesenchymal stem/stromal cells from patients with osteoarthritis show superior biological properties compared to bone-derived cells. <i>Stem Cell Research</i> , 2019 , 38, 101465	1.6	13
22	Mesenchymal Stromal Cell-Based Bone Regeneration Therapies: From Cell Transplantation and Tissue Engineering to Therapeutic Secretomes and Extracellular Vesicles. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019 , 7, 352	5.8	54
21	Tissue Engineering Craniofacial Bone Products 2015 , 521-539		1
20	Synergistic effects of hypoxia and morphogenetic factors on early chondrogenic commitment of human embryonic stem cells in embryoid body culture. <i>Stem Cell Reviews and Reports</i> , 2015 , 11, 228-41	6.4	18
19	Cultivation of human bone-like tissue from pluripotent stem cell-derived osteogenic progenitors in perfusion bioreactors. <i>Methods in Molecular Biology</i> , 2014 , 1202, 173-84	1.4	12
18	Primary human alveolar bone cells isolated from tissue samples acquired at periodontal surgeries exhibit sustained proliferation and retain osteogenic phenotype during in vitro expansion. <i>PLoS ONE</i> , 2014 , 9, e92969	3.7	10
17	Bioreactor engineering of stem cell environments. <i>Biotechnology Advances</i> , 2013 , 31, 1020-31	17.8	43
16	Engineering bone tissue substitutes from human induced pluripotent stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 8680-5	11.5	174
15	Modulating the biochemical and biophysical culture environment to enhance osteogenic differentiation and maturation of human pluripotent stem cell-derived mesenchymal progenitors. <i>Stem Cell Research and Therapy</i> , 2013 , 4, 106	8.3	18
14	Effects of pamidronate on human alveolar osteoblasts in vitro. <i>Journal of Oral and Maxillofacial Surgery</i> , 2012 , 70, 1081-92	1.8	32
13	Bone scaffold architecture modulates the development of mineralized bone matrix by human embryonic stem cells. <i>Biomaterials</i> , 2012 , 33, 8329-42	15.6	79

12	State of the art in stem cell research: human embryonic stem cells, induced pluripotent stem cells, and transdifferentiation. <i>Journal of Blood Transfusion</i> , 2012 , 2012, 317632		11
11	Engineering bone tissue from human embryonic stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 8705-9	11.5	127
10	Derivation of two new human embryonic stem cell lines from nonviable human embryos. <i>Stem Cells International</i> , 2011 , 2011, 765378	5	17
9	Potential pathophysiological mechanisms in osteonecrosis of the jaw. <i>Annals of the New York Academy of Sciences</i> , 2011 , 1218, 62-79	6.5	115
8	Optimizing the medium perfusion rate in bone tissue engineering bioreactors. <i>Biotechnology and Bioengineering</i> , 2011 , 108, 1159-70	4.9	113
7	Bone grafts engineered from human adipose-derived stem cells in perfusion bioreactor culture. <i>Tissue Engineering - Part A</i> , 2010 , 16, 179-89	3.9	138
6	Bone tissue engineering with human stem cells. <i>Stem Cell Research and Therapy</i> , 2010 , 1, 10	8.3	147
5	Engineering custom-designed osteochondral tissue grafts. <i>Trends in Biotechnology</i> , 2008 , 26, 181-9	15.1	118
4	Effects of chondrogenic and osteogenic regulatory factors on composite constructs grown using human mesenchymal stem cells, silk scaffolds and bioreactors. <i>Journal of the Royal Society Interface</i> , 2008 , 5, 929-39	4.1	51
3	Tissue engineered bone grafts: biological requirements, tissue culture and clinical relevance. <i>Current Stem Cell Research and Therapy</i> , 2008 , 3, 254-64	3.6	234
2	Bone and cartilage tissue constructs grown using human bone marrow stromal cells, silk scaffolds and rotating bioreactors. <i>Biomaterials</i> , 2006 , 27, 6138-49	15.6	157
1	Specific activation of the Bacillus quorum-sensing systems by isoprenylated pheromone variants. <i>Molecular Microbiology</i> , 2002 , 44, 1561-73	4.1	135