

Silvia Diaz-Prado

List of Publications by Citations

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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.

56
papers

1,401
citations

21
h-index

36
g-index

94
ext. papers

1,589
ext. citations

2.9
avg, IF

4.11
L-index

#	Paper	IF	Citations
56	Characterization of microRNA expression profiles in normal and osteoarthritic human chondrocytes. <i>BMC Musculoskeletal Disorders</i> , 2012 , 13, 144	2.8	133
55	Multilineage differentiation potential of cells isolated from the human amniotic membrane. <i>Journal of Cellular Biochemistry</i> , 2010 , 111, 846-57	4.7	93
54	Wnt signalling and cancer stem cells. <i>Clinical and Translational Oncology</i> , 2009 , 11, 411-27	3.6	90
53	Human amniotic membrane as an alternative source of stem cells for regenerative medicine. <i>Differentiation</i> , 2011 , 81, 162-71	3.5	78
52	Notch signalling in cancer stem cells. <i>Clinical and Translational Oncology</i> , 2009 , 11, 11-9	3.6	76
51	Quantification of cells expressing mesenchymal stem cell markers in healthy and osteoarthritic synovial membranes. <i>Journal of Rheumatology</i> , 2011 , 38, 339-49	4.1	65
50	Potential use of the human amniotic membrane as a scaffold in human articular cartilage repair. <i>Cell and Tissue Banking</i> , 2010 , 11, 183-95	2.2	63
49	Effects of severe hypoxia on bone marrow mesenchymal stem cells differentiation potential. <i>Stem Cells International</i> , 2013 , 2013, 232896	5	59
48	Isolation and characterization of mesenchymal stem cells from human amniotic membrane. <i>Tissue Engineering - Part C: Methods</i> , 2011 , 17, 49-59	2.9	50
47	Biology of BMP signalling and cancer. <i>Clinical and Translational Oncology</i> , 2009 , 11, 126-37	3.6	47
46	Cyclooxygenase-2 (COX-2): a molecular target in prostate cancer. <i>Clinical and Translational Oncology</i> , 2007 , 9, 694-702	3.6	42
45	Induced pluripotent stem cells for cartilage repair: current status and future perspectives. <i>European Cells and Materials</i> , 2018 , 36, 96-109	4.3	42
44	Hedgehog signalling as a target in cancer stem cells. <i>Clinical and Translational Oncology</i> , 2009 , 11, 199-207	3.6	41
43	Bone marrow cells immunomagnetically selected for CD271+ antigen promote in vitro the repair of articular cartilage defects. <i>Tissue Engineering - Part A</i> , 2011 , 17, 1169-79	3.9	40
42	Evaluation of the adenocarcinoma-associated gene AGR2 and the intestinal stem cell marker LGR5 as biomarkers in colorectal cancer. <i>International Journal of Molecular Sciences</i> , 2012 , 13, 4367-87	6.3	34
41	The nuclear genes encoding the internal (KIND11) and external (KINDE1) alternative NAD(P)H:ubiquinone oxidoreductases of mitochondria from <i>Kluyveromyces lactis</i> . <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2005 , 1707, 199-210	4.6	28
40	New secretory strategies for <i>Kluyveromyces lactis</i> beta-galactosidase. <i>Protein Engineering, Design and Selection</i> , 2001 , 14, 379-86	1.9	28

39	Bioinformatics approach to mRNA markers discovery for detection of circulating tumor cells in patients with gastrointestinal cancer. <i>Cancer Detection and Prevention</i> , 2008 , 32, 236-50		26
38	Molecular profile and cellular characterization of human bone marrow mesenchymal stem cells: donor influence on chondrogenesis. <i>Differentiation</i> , 2010 , 80, 155-65	3.5	23
37	Expression of Wnt gene family and frizzled receptors in head and neck squamous cell carcinomas. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2009 , 455, 67-75	5.1	22
36	Alternative protocols to induce chondrogenic differentiation: transforming growth factor- β superfamily. <i>Cell and Tissue Banking</i> , 2015 , 16, 195-207	2.2	21
35	Prostate cancer and Hedgehog signalling pathway. <i>Clinical and Translational Oncology</i> , 2007 , 9, 420-8	3.6	21
34	Cryopreservation effect on proliferative and chondrogenic potential of human chondrocytes isolated from superficial and deep cartilage. <i>The Open Orthopaedics Journal</i> , 2012 , 6, 150-9	0.3	20
33	Ovine Mesenchymal Stromal Cells: Morphologic, Phenotypic and Functional Characterization for Osteochondral Tissue Engineering. <i>PLoS ONE</i> , 2017 , 12, e0171231	3.7	19
32	Human Amniotic Mesenchymal Stromal Cells as Favorable Source for Cartilage Repair. <i>Tissue Engineering - Part A</i> , 2017 , 23, 901-912	3.9	18
31	Long-term effects of hydrogen sulfide on the anabolic-catabolic balance of articular cartilage in vitro. <i>Nitric Oxide - Biology and Chemistry</i> , 2017 , 70, 42-50	5	17
30	Origin of renal cell carcinomas. <i>Clinical and Translational Oncology</i> , 2008 , 10, 697-712	3.6	16
29	Evaluation of plakophilin-3 mRNA as a biomarker for detection of circulating tumor cells in gastrointestinal cancer patients. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2010 , 19, 1432-40	4	15
28	Diagnostic accuracy of small breast epithelial mucin mRNA as a marker for bone marrow micrometastasis in breast cancer: a pilot study. <i>Journal of Cancer Research and Clinical Oncology</i> , 2009 , 135, 1185-95	4.9	13
27	Isolation and characterization of two nuclear genes encoding glutathione and thioredoxin reductases from the yeast <i>Kluyveromyces lactis</i> . <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2004 , 1678, 170-5		12
26	Generation and characterization of human induced pluripotent stem cells (iPSCs) from hand osteoarthritis patient-derived fibroblasts. <i>Scientific Reports</i> , 2020 , 10, 4272	4.9	11
25	Evaluation of COX-2, EGFR, and p53 as biomarkers of non-dysplastic oral leukoplakias. <i>Experimental and Molecular Pathology</i> , 2010 , 89, 197-203	4.4	10
24	Heterologous <i>Kluyveromyces lactis</i> β -galactosidase secretion by <i>Saccharomyces cerevisiae</i> super-secreting mutants. <i>Biotechnology Letters</i> , 2001 , 23, 33-40	3	10
23	Usefulness of Mesenchymal Cell Lines for Bone and Cartilage Regeneration Research. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	10
22	Human Cartilage Engineering in an Repair Model Using Collagen Scaffolds and Mesenchymal Stromal Cells. <i>International Journal of Medical Sciences</i> , 2017 , 14, 1257-1262	3.7	9

21	Hydrogel-Based Localized Nonviral Gene Delivery in Regenerative Medicine Approaches-An Overview. <i>Pharmaceutics</i> , 2020 , 12,	6.4	9
20	Prostate carcinoma and stem cells. <i>Clinical and Translational Oncology</i> , 2007 , 9, 66-76	3.6	8
19	Cloning genes from a library using a clustering strategy and PCR. <i>Molecular Biotechnology</i> , 2004 , 26, 35-8,		8
18	Metabolic engineering for direct lactose utilization by <i>Saccharomyces cerevisiae</i> . <i>Biotechnology Letters</i> , 2002 , 24, 1391-1396	3	7
17	In silico and in vitro analysis of small breast epithelial mucin as a marker for bone marrow micrometastasis in breast cancer. <i>Advances in Experimental Medicine and Biology</i> , 2008 , 617, 331-9	3.6	7
16	Tissue array analysis for the differentiation of gliosis from gliomas. <i>Molecular Medicine Reports</i> , 2011 , 4, 451-7	2.9	6
15	Differentiation of human mesenchymal stromal cells cultured on collagen sponges for cartilage repair. <i>Histology and Histopathology</i> , 2016 , 31, 1221-39	1.4	6
14	Cell and Tissue Transplant Strategies for Joint Lesions. <i>The Open Transplantation Journal</i> , 2008 , 2, 21-28		6
13	Versatility of Induced Pluripotent Stem Cells (iPSCs) for Improving the Knowledge on Musculoskeletal Diseases. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	6
12	An artificial-vision- and statistical-learning-based method for studying the biodegradation of type I collagen scaffolds in bone regeneration systems. <i>PeerJ</i> , 2019 , 7, e7233	3.1	4
11	Statistical degradation modelling of Poly(D,L-lactide-co-glycolide) copolymers for bioscaffold applications. <i>PLoS ONE</i> , 2018 , 13, e0204004	3.7	4
10	Generation of a human control iPS cell line (ESi080-A) from a donor with no rheumatic diseases. <i>Stem Cell Research</i> , 2020 , 43, 101683	1.6	3
9	Immortalizing Mesenchymal Stromal Cells from Aged Donors While Keeping Their Essential Features. <i>Stem Cells International</i> , 2020 , 2020, 5726947	5	3
8	Tissue engineering for cartilage repair: growth and proliferation of hBM-MSCs on scaffolds composed of Collagen I and Heparan Sulphate. <i>Osteoarthritis and Cartilage</i> , 2013 , 21, S310-S311	6.2	2
7	Mesenchymal Stem Cells from Human Amniotic Membrane 2014 , 191-198		2
6	Isolation and transcriptional regulation of the <i>Kluyveromyces lactis</i> FBA1 (fructose-1,6-bisphosphate aldolase) gene. <i>Canadian Journal of Microbiology</i> , 2004 , 50, 645-52	3.2	2
5	Circulating microRNAs as potential biomarkers in patients with renal tumors.. <i>Journal of Clinical Oncology</i> , 2012 , 30, 405-405	2.2	2
4	In vitro repair model of focal articular cartilage defects in humans. <i>Methods in Molecular Biology</i> , 2012 , 885, 251-61	1.4	2

3	Tips and tricks for successfully culturing and adapting human induced pluripotent stem cells.. <i>Molecular Therapy - Methods and Clinical Development</i> , 2021 , 23, 569-581	6.4	1
2	Human Amniotic Membrane: A Potential Tissue and Cell Source for Cell Therapy and Regenerative Medicine 2013 , 55-78		1
1	Current development of alternative treatments for endothelial decompensation: Cell-based therapy. <i>Experimental Eye Research</i> , 2021 , 207, 108560	3.7	1