

Silvia Diaz-Prado

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.

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 | 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 |
| 55 | Current development of alternative treatments for endothelial decompensation: Cell-based therapy. <i>Experimental Eye Research</i> , 2021 , 207, 108560 | 3.7 | 1 |
| 54 | 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 |
| 53 | Generation of a human control iPSC cell line (ESi080-A) from a donor with no rheumatic diseases. <i>Stem Cell Research</i> , 2020 , 43, 101683 | 1.6 | 3 |
| 52 | Immortalizing Mesenchymal Stromal Cells from Aged Donors While Keeping Their Essential Features. <i>Stem Cells International</i> , 2020 , 2020, 5726947 | 5 | 3 |
| 51 | 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 |
| 50 | Hydrogel-Based Localized Nonviral Gene Delivery in Regenerative Medicine Approaches-An Overview. <i>Pharmaceutics</i> , 2020 , 12, | 6.4 | 9 |
| 49 | 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 |
| 48 | Usefulness of Mesenchymal Cell Lines for Bone and Cartilage Regeneration Research. <i>International Journal of Molecular Sciences</i> , 2019 , 20, | 6.3 | 10 |
| 47 | 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 |
| 46 | Statistical degradation modelling of Poly(D,L-lactide-co-glycolide) copolymers for bioscaffold applications. <i>PLoS ONE</i> , 2018 , 13, e0204004 | 3.7 | 4 |
| 45 | Human Amniotic Mesenchymal Stromal Cells as Favorable Source for Cartilage Repair. <i>Tissue Engineering - Part A</i> , 2017 , 23, 901-912 | 3.9 | 18 |
| 44 | Ovine Mesenchymal Stromal Cells: Morphologic, Phenotypic and Functional Characterization for Osteochondral Tissue Engineering. <i>PLoS ONE</i> , 2017 , 12, e0171231 | 3.7 | 19 |
| 43 | 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 |
| 42 | 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 |
| 41 | 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 |
| 40 | Alternative protocols to induce chondrogenic differentiation: transforming growth factor- β superfamily. <i>Cell and Tissue Banking</i> , 2015 , 16, 195-207 | 2.2 | 21 |

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| 39 | Mesenchymal Stem Cells from Human Amniotic Membrane 2014 , 191-198 | | 2 |
| 38 | 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 |
| 37 | Effects of severe hypoxia on bone marrow mesenchymal stem cells differentiation potential. <i>Stem Cells International</i> , 2013 , 2013, 232896 | 5 | 59 |
| 36 | Human Amniotic Membrane: A Potential Tissue and Cell Source for Cell Therapy and Regenerative Medicine 2013 , 55-78 | | 1 |
| 35 | Characterization of microRNA expression profiles in normal and osteoarthritic human chondrocytes. <i>BMC Musculoskeletal Disorders</i> , 2012 , 13, 144 | 2.8 | 133 |
| 34 | 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 |
| 33 | Circulating microRNAs as potential biomarkers in patients with renal tumors.. <i>Journal of Clinical Oncology</i> , 2012 , 30, 405-405 | 2.2 | 2 |
| 32 | 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 |
| 31 | In vitro repair model of focal articular cartilage defects in humans. <i>Methods in Molecular Biology</i> , 2012 , 885, 251-61 | 1.4 | 2 |
| 30 | Human amniotic membrane as an alternative source of stem cells for regenerative medicine. <i>Differentiation</i> , 2011 , 81, 162-71 | 3.5 | 78 |
| 29 | 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 |
| 28 | Tissue array analysis for the differentiation of gliosis from gliomas. <i>Molecular Medicine Reports</i> , 2011 , 4, 451-7 | 2.9 | 6 |
| 27 | 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 |
| 26 | 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 |
| 25 | 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 |
| 24 | 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 |
| 23 | 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 |
| 22 | 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 |

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|----|---|-----|----|
| 21 | Multilineage differentiation potential of cells isolated from the human amniotic membrane. <i>Journal of Cellular Biochemistry</i> , 2010 , 111, 846-57 | 4.7 | 93 |
| 20 | 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 |
| 19 | 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 |
| 18 | Notch signalling in cancer stem cells. <i>Clinical and Translational Oncology</i> , 2009 , 11, 11-9 | 3.6 | 76 |
| 17 | Biology of BMP signalling and cancer. <i>Clinical and Translational Oncology</i> , 2009 , 11, 126-37 | 3.6 | 47 |
| 16 | Hedgehog signalling as a target in cancer stem cells. <i>Clinical and Translational Oncology</i> , 2009 , 11, 199-207 | 3.6 | 41 |
| 15 | Wnt signalling and cancer stem cells. <i>Clinical and Translational Oncology</i> , 2009 , 11, 411-27 | 3.6 | 90 |
| 14 | 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 |
| 13 | Origin of renal cell carcinomas. <i>Clinical and Translational Oncology</i> , 2008 , 10, 697-712 | 3.6 | 16 |
| 12 | Cell and Tissue Transplant Strategies for Joint Lesions. <i>The Open Transplantation Journal</i> , 2008 , 2, 21-28 | | 6 |
| 11 | 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 |
| 10 | Prostate carcinoma and stem cells. <i>Clinical and Translational Oncology</i> , 2007 , 9, 66-76 | 3.6 | 8 |
| 9 | Prostate cancer and Hedgehog signalling pathway. <i>Clinical and Translational Oncology</i> , 2007 , 9, 420-8 | 3.6 | 21 |
| 8 | Cyclooxygenase-2 (COX-2): a molecular target in prostate cancer. <i>Clinical and Translational Oncology</i> , 2007 , 9, 694-702 | 3.6 | 42 |
| 7 | 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 |
| 6 | 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 |
| 5 | Cloning genes from a library using a clustering strategy and PCR. <i>Molecular Biotechnology</i> , 2004 , 26, 35-8 | | 8 |
| 4 | 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 |

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| 3 | Metabolic engineering for direct lactose utilization by <i>Saccharomyces cerevisiae</i> . <i>Biotechnology Letters</i> , 2002 , 24, 1391-1396 | 3 | 7 |
| 2 | 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 |
| 1 | New secretory strategies for <i>Kluyveromyces lactis</i> beta-galactosidase. <i>Protein Engineering, Design and Selection</i> , 2001 , 14, 379-86 | 1.9 | 28 |