

Silvia Diaz-Prado

List of Publications by Year in descending order

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89
papers

1,778
citations

304743

22
h-index

302126

39
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94
all docs

94
docs citations

94
times ranked

2812
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of microRNA expression profiles in normal and osteoarthritic human chondrocytes. BMC Musculoskeletal Disorders, 2012, 13, 144.	1.9	156
2	Multilineage differentiation potential of cells isolated from the human amniotic membrane. Journal of Cellular Biochemistry, 2010, 111, 846-857.	2.6	114
3	Wnt signalling and cancer stem cells. Clinical and Translational Oncology, 2009, 11, 411-427.	2.4	100
4	Human amniotic membrane as an alternative source of stem cells for regenerative medicine. Differentiation, 2011, 81, 162-171.	1.9	100
5	Notch signalling in cancer stem cells. Clinical and Translational Oncology, 2009, 11, 11-19.	2.4	89
6	Quantification of Cells Expressing Mesenchymal Stem Cell Markers in Healthy and Osteoarthritic Synovial Membranes. Journal of Rheumatology, 2011, 38, 339-349.	2.0	80
7	Effects of Severe Hypoxia on Bone Marrow Mesenchymal Stem Cells Differentiation Potential. Stem Cells International, 2013, 2013, 1-11.	2.5	70
8	Potential use of the human amniotic membrane as a scaffold in human articular cartilage repair. Cell and Tissue Banking, 2010, 11, 183-195.	1.1	69
9	Induced pluripotent stem cells for cartilage repair: current status and future perspectives. , 2018, 36, 96-109.		66
10	Biology of BMP signalling and cancer. Clinical and Translational Oncology, 2009, 11, 126-137.	2.4	62
11	Isolation and Characterization of Mesenchymal Stem Cells from Human Amniotic Membrane. Tissue Engineering - Part C: Methods, 2011, 17, 49-59.	2.1	60
12	Cyclooxygenase-2 (COX-2): a molecular target in prostate cancer. Clinical and Translational Oncology, 2007, 9, 694-702.	2.4	49
13	Bone Marrow Cells Immunomagnetically Selected For CD271+ Antigen Promote <i>In Vitro</i> the Repair of Articular Cartilage Defects. Tissue Engineering - Part A, 2011, 17, 1169-1179.	3.1	44
14	Hedgehog signalling as a target in cancer stem cells. Clinical and Translational Oncology, 2009, 11, 199-207.	2.4	41
15	Evaluation of the Adenocarcinoma-Associated Gene AGR2 and the Intestinal Stem Cell Marker LGR5 as Biomarkers in Colorectal Cancer. International Journal of Molecular Sciences, 2012, 13, 4367-4387.	4.1	40
16	New secretory strategies for Kluyveromyces lactis β -galactosidase. Protein Engineering, Design and Selection, 2001, 14, 379-386.	2.1	39
17	Hydrogel-Based Localized Nonviral Gene Delivery in Regenerative Medicine Approaches – An Overview. Pharmaceutics, 2020, 12, 752.	4.5	32
18	The nuclear genes encoding the internal (KIND11) and external (KINDE1) alternative NAD(P)H:ubiquinone oxidoreductases of mitochondria from Kluyveromyces lactis. Biochimica Et Biophysica Acta - Bioenergetics, 2005, 1707, 199-210.	1.0	31

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19	Generation and characterization of human induced pluripotent stem cells (iPSCs) from hand osteoarthritis patient-derived fibroblasts. <i>Scientific Reports</i> , 2020, 10, 4272.	3.3	30
20	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, 236-250.	2.1	29
21	Molecular profile and cellular characterization of human bone marrow mesenchymal stem cells: Donor influence on chondrogenesis. <i>Differentiation</i> , 2010, 80, 155-165.	1.9	25
22	Alternative protocols to induce chondrogenic differentiation: transforming growth factor- β 2 superfamily. <i>Cell and Tissue Banking</i> , 2015, 16, 195-207.	1.1	25
23	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.	2.8	23
24	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.	2.7	23
25	Ovine Mesenchymal Stromal Cells: Morphologic, Phenotypic and Functional Characterization for Osteochondral Tissue Engineering. <i>PLoS ONE</i> , 2017, 12, e0171231.	2.5	23
26	Prostate cancer and Hedgehog signalling pathway. <i>Clinical and Translational Oncology</i> , 2007, 9, 420-428.	2.4	22
27	Origin of renal cell carcinomas. <i>Clinical and Translational Oncology</i> , 2008, 10, 697-712.	2.4	22
28	Human Amniotic Mesenchymal Stromal Cells as Favorable Source for Cartilage Repair. <i>Tissue Engineering - Part A</i> , 2017, 23, 901-912.	3.1	22
29	Cryopreservation Effect on Proliferative and Chondrogenic Potential of Human Chondrocytes Isolated from Superficial and Deep Cartilage. <i>The Open Orthopaedics Journal</i> , 2012, 6, 150-159.	0.2	21
30	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, 1185-1195.	2.5	18
31	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, 1432-1440.	2.5	18
32	Usefulness of Mesenchymal Cell Lines for Bone and Cartilage Regeneration Research. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6286.	4.1	17
33	Evaluation of COX-2, EGFR, and p53 as biomarkers of non-dysplastic oral leukoplakias. <i>Experimental and Molecular Pathology</i> , 2010, 89, 197-203.	2.1	15
34	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, 170-175.	2.4	14
35	Title is missing!. <i>Biotechnology Letters</i> , 2001, 23, 33-40.	2.2	13
36	Human Cartilage Engineering in an In Vitro Repair Model Using Collagen Scaffolds and Mesenchymal Stromal Cells. <i>International Journal of Medical Sciences</i> , 2017, 14, 1257-1262.	2.5	11

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37	Metabolic engineering for direct lactose utilization by <i>Saccharomyces cerevisiae</i> . <i>Biotechnology Letters</i> , 2002, 24, 1391-1396.	2.2	10
38	Immortalizing Mesenchymal Stromal Cells from Aged Donors While Keeping Their Essential Features. <i>Stem Cells International</i> , 2020, 2020, 1-24.	2.5	10
39	Differentiation of human mesenchymal stromal cells cultured on collagen sponges for cartilage repair. <i>Histology and Histopathology</i> , 2016, 31, 1221-39.	0.7	10
40	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.	2.0	10
41	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.	4.1	10
42	Prostate carcinoma and stem cells. <i>Clinical and Translational Oncology</i> , 2007, 9, 66-76.	2.4	9
43	Versatility of Induced Pluripotent Stem Cells (iPSCs) for Improving the Knowledge on Musculoskeletal Diseases. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6124.	4.1	9
44	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, 331-339.	1.6	9
45	Cloning Genes From a Library Using a Clustering Strategy and PCR. <i>Molecular Biotechnology</i> , 2004, 26, 35-38.	2.4	8
46	Tissue array analysis for the differentiation of gliosis from gliomas. <i>Molecular Medicine Reports</i> , 2011, 4, 451-7.	2.4	8
47	Statistical degradation modelling of Poly(D,L-lactide-co-glycolide) copolymers for bioscaffold applications. <i>PLoS ONE</i> , 2018, 13, e0204004.	2.5	8
48	Cell and Tissue Transplant Strategies for Joint Lesions. <i>The Open Transplantation Journal</i> , 2008, 2, 21-28.	0.1	8
49	Analysis of Cryopreservation Protocols and Their Harmful Effects on the Endothelial Integrity of Human Corneas. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12564.	4.1	8
50	Generation of Mesenchymal Cell Lines Derived from Aged Donors. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10667.	4.1	7
51	Current development of alternative treatments for endothelial decompensation: Cell-based therapy. <i>Experimental Eye Research</i> , 2021, 207, 108560.	2.6	6
52	Isolation and transcriptional regulation of the <i>Kluyveromyces lactis</i> FBA1 (fructose-1,6-bisphosphate) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.7	5
53	Generation of a human control iPS cell line (ESi080â€œ) from a donor with no rheumatic diseases. <i>Stem Cell Research</i> , 2020, 43, 101683.	0.7	3
54	Global DNA Methylation in Dental Implant Failure Due to Peri-Implantitis: An Exploratory Clinical Pilot Study. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 1020.	2.6	3

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55	In vitro cartilage tissue engineering using human bone marrow mesenchymal stem cells grown on different collagen scaffolds. <i>Osteoarthritis and Cartilage</i> , 2013, 21, S310.	1.3	2
56	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.	1.3	2
57	Mesenchymal Stem Cells from Human Amniotic Membrane. , 2014, , 191-198.		2
58	In Vitro Repair Model of Focal Articular Cartilage Defects in Humans. <i>Methods in Molecular Biology</i> , 2012, 885, 251-261.	0.9	2
59	Circulating microRNAs as potential biomarkers in patients with renal tumors.. <i>Journal of Clinical Oncology</i> , 2012, 30, 405-405.	1.6	2
60	Cartilage tissue engineering: adult human mesenchymal stromal cells and collagen biomaterials. <i>Osteoarthritis and Cartilage</i> , 2014, 22, S154.	1.3	1
61	Tissue engineering in an in vitro model of human cartilage repair. <i>Osteoarthritis and Cartilage</i> , 2016, 24, S169-S170.	1.3	1
62	Comparison of three different chondrogenic differentiation protocols to obtain chondrocyte-like cells from induced pluripotent stem cells. <i>Osteoarthritis and Cartilage</i> , 2020, 28, S34.	1.3	1
63	Generation of an immortalized chondrocyte cell line from osteoarthritis articular cartilage. <i>Osteoarthritis and Cartilage</i> , 2021, 29, S208-S209.	1.3	1
64	Human Amniotic Membrane: A Potential Tissue and Cell Source for Cell Therapy and Regenerative Medicine. , 2013, , 55-78.		1
65	La ciclooxigenasa-2 (COX-2) y el factor de crecimiento epidérmico (EGF) en lesiones epiteliales orales premalignas. <i>Revista Española De Cirugía Oral Y Maxilofacial</i> , 2009, 31, .	0.1	1
66	224 IMPROVED TISSUE REPAIR IN ARTICULAR CARTILAGE DEFECTS IN VITRO WITH MSC CD271+. <i>Osteoarthritis and Cartilage</i> , 2008, 16, S105.	1.3	0
67	225 DIFFERENTIATION OF CD-105+ MSC FROM SYNOVIAL MEMBRANE TOWARDS CHONDROCYTE-LIKE CELLS THROUGH SPHEROID FORMATION. <i>Osteoarthritis and Cartilage</i> , 2008, 16, S105.	1.3	0
68	226 HUMAN AMNIOTIC MEMBRANE TO REPAIR OSTEOARTHROTIC CARTILAGE. <i>Osteoarthritis and Cartilage</i> , 2008, 16, S106.	1.3	0
69	Utility of p53 gene expression for early diagnosis in oral leukoplakias. <i>European Journal of Cancer, Supplement</i> , 2008, 6, 160.	2.2	0
70	176 EXPRESSION OF MESENCHYMAL STEM CELL MARKERS IN SYNOVIAL MEMBRANES AND OSTEOARTHROTIC CARTILAGE REPAIR. <i>Osteoarthritis and Cartilage</i> , 2009, 17, S103-S104.	1.3	0
71	521 SEARCHING FOR A WELL-DEFINED AND EFFICIENT METHOD FOR IN VITRO DIRECTING STEM CELL DIFFERENTIATION INTO THE CHONDROGENIC LINEAGE. <i>Osteoarthritis and Cartilage</i> , 2010, 18, S233-S234.	1.3	0
72	529 PARATHYROID HORMONE-RELATED PROTEIN (PTHRP) PROMOTES CHONDROGENIC DIFFERENTIATION OF BONE MARROW MESENCHYMAL STEM CELLS (BM-MSCS) GROWN ON TYPE I COLLAGEN SUPPORTS. <i>Osteoarthritis and Cartilage</i> , 2010, 18, S237-S238.	1.3	0

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73	530 EFFECTS OF HYPOXIA ON BONE MARROW-MESENCHYMAL STEM CELLS DIFFERENTIATION POTENTIAL. Osteoarthritis and Cartilage, 2010, 18, S238.	1.3	0
74	475 CHONDROGENIC DIFFERENTIATION OF BONE MARROW MESENCHYMAL STEM CELLS (BM-MSCS) GROWN ON COLLAGEN POROUS SCAFFOLDS. Osteoarthritis and Cartilage, 2011, 19, S221.	1.3	0
75	478 REPAIRING ARTICULAR CARTILAGE WITH HUMAN AMNIOTIC MEMBRANE EPITHELIAL AND MESENCHYMAL STEM CELLS. Osteoarthritis and Cartilage, 2011, 19, S222-S223.	1.3	0
76	Type I Collagen and heparan sulfate scaffolds support human chondrogenesis for cartilage tissue engineering. Osteoarthritis and Cartilage, 2012, 20, S271-S272.	1.3	0
77	An In vitro porcine study of repairing articular cartilage with human amniotic membrane epithelial and mesenchymal stem cells. Osteoarthritis and Cartilage, 2012, 20, S273.	1.3	0
78	In vitro cartilage tissue engineering with different types of collagen porous scaffolds and human bone marrow mesenchymal stem cells. Osteoarthritis and Cartilage, 2012, 20, S279.	1.3	0
79	Human cartilage repair using human mesenchymal stem cells and collagen scaffolds. Osteoarthritis and Cartilage, 2015, 23, A148.	1.3	0
80	Ovine mesenchymal stromal cells for osteochondral tissue engineering. Osteoarthritis and Cartilage, 2017, 25, S387.	1.3	0
81	An educational environment based on digital image processing to support the learning process of biomaterials degradation in stem cells. , 2018, , .		0
82	Establishment of an induced pluripotent stem cell-line from hand osteoarthritic patients. Osteoarthritis and Cartilage, 2018, 26, S297-S298.	1.3	0
83	Immortalization of "osteoarthritis" and "healthy" mesenchymal stromal cells without loss of mesenchymal features. Osteoarthritis and Cartilage, 2019, 27, S424-S425.	1.3	0
84	OP0073â€¦ESTABLISHMENT OF HUMAN INDUCED PLURIPOTENT STEM CELL-LINES (IPSC) FOR IN VITRO MODELLING HAND OSTHEOARTHRITIS. , 2019, , .		0
85	AB0102â€¦GENERATION OF OSTEOARTHRITIC MESENCHYMAL STROMAL CELL LINES. , 2019, , .		0
86	MicroRNA quantitative profiling for micrometastasis detection in gastrointestinal cancer. Journal of Clinical Oncology, 2008, 26, 15058-15058.	1.6	0
87	Role of molecular factors in renal cell carcinoma: a tissue array-analysis. Journal of Clinical Oncology, 2008, 26, 16056-16056.	1.6	0
88	Expression of Wnt gene family and frizzled receptors by quantitative real time PCR in head and neck human carcinomas. Journal of Clinical Oncology, 2008, 26, 17035-17035.	1.6	0
89	AB0103â€¦Establishment of a human induced pluripotent stem cell-line from patients with hand osteoarthritis. , 2018, , .		0