

Pilar Gonzalo

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,320
citations

394421

19
h-index

552781

26
g-index

29
all docs

29
docs citations

29
times ranked

2272
citing authors

#	ARTICLE	IF	CITATIONS
1	Retinoid X receptor $\hat{+}$ controls innate inflammatory responses through the up-regulation of chemokine expression. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 10626-10631.	7.1	129
2	MT1-MMP: Universal or particular player in angiogenesis?. Cancer and Metastasis Reviews, 2006, 25, 77-86.	5.9	121
3	MT1-MMP Is Required for Myeloid Cell Fusion via Regulation of Rac1 Signaling. Developmental Cell, 2010, 18, 77-89.	7.0	108
4	MT1-MMP collagenolytic activity is regulated through association with tetraspanin CD151 in primary endothelial cells. Blood, 2008, 112, 3217-3226.	1.4	105
5	Vascular Smooth Muscleâ€“Specific Progerin Expression Accelerates Atherosclerosis and Death in a Mouse Model of Hutchinson-Gilford Progeria Syndrome. Circulation, 2018, 138, 266-282.	1.6	102
6	Progerin accelerates atherosclerosis by inducing endoplasmic reticulum stress in vascular smooth muscle cells. EMBO Molecular Medicine, 2019, 11, .	6.9	83
7	TET2 controls chemoresistant slow-cycling cancer cell survival and tumor recurrence. Journal of Clinical Investigation, 2018, 128, 3887-3905.	8.2	79
8	Expression of the VRK (vaccinia-related kinase) gene family of p53 regulators in murine hematopoietic development. FEBS Letters, 2003, 544, 176-180.	2.8	60
9	The first 3 days of B-cell development in the mouse embryo. Blood, 2002, 100, 4074-4081.	1.4	58
10	Functional interplay between endothelial nitric oxide synthase and membrane type 1â€“matrix metalloproteinase in migrating endothelial cells. Blood, 2007, 110, 2916-2923.	1.4	55
11	A population of c-Kitlow(CD45/TER119)â€“ hepatic cell progenitors of 11-day postcoitus mouse embryo liver reconstitutes cell-depleted liver organoids. Journal of Clinical Investigation, 2003, 112, 1152-1163.	8.2	48
12	Macrophages promote endothelial-to-mesenchymal transition via MT1-MMP/TGF $\hat{+}$ 1 after myocardial infarction. ELife, 2020, 9, .	6.0	44
13	Generation and characterization of a novel knockin minipig model of Hutchinson-Gilford progeria syndrome. Cell Discovery, 2019, 5, 16.	6.7	43
14	MT1â€“MMP and integrins: Handâ€“toâ€“hand in cell communication. BioFactors, 2010, 36, 248-254.	5.4	42
15	The protease MT1â€“MMP drives a combinatorial proteolytic program in activated endothelial cells. FASEB Journal, 2012, 26, 4481-4494.	0.5	34
16	Endothelial <sc>MT</sc> 1â€“<sc>MMP</sc> targeting limits intussusceptive angiogenesis and colitis via TSP1/nitric oxide axis. EMBO Molecular Medicine, 2020, 12, e10862.	6.9	33
17	Site-specific cellular functions of MT1-MMP. European Journal of Cell Biology, 2012, 91, 889-895.	3.6	27
18	A Differential Medium for the Isolation of Kluyveromyces marxianus and Kluyveromyces lactis from Dairy Products. Journal of Food Protection, 1999, 62, 189-193.	1.7	26

#	ARTICLE	IF	CITATIONS
19	An EMMPRIN/ β 3-catenin/Nm23 complex drives ATP production and actomyosin contractility at endothelial junctions. <i>Journal of Cell Science</i> , 2014, 127, 3768-81.	2.0	22
20	Cardiovascular Progerin Suppression and Lamin A Restoration Rescue Hutchinson-Gilford Progeria Syndrome. <i>Circulation</i> , 2021, 144, 1777-1794.	1.6	20
21	A Population of CD19 ^{high} CD45 ^{Rα} ^{low} CD21 ^{low} B Lymphocytes Poised for Spontaneous Secretion of IgG and IgA Antibodies. <i>Journal of Immunology</i> , 2007, 179, 5326-5334.	0.8	18
22	Long-lived polyclonal B-cell lines derived from midgestation mouse embryo lymphohematopoietic progenitors reconstitute adult immunodeficient mice. <i>Blood</i> , 2001, 98, 1862-1871.	1.4	16
23	Isoprenylcysteine Carboxymethyltransferase-Based Therapy for Hutchinson-Gilford Progeria Syndrome. <i>ACS Central Science</i> , 2021, 7, 1300-1310.	11.3	16
24	Premature Vascular Aging with Features of Plaque Vulnerability in an Atheroprone Mouse Model of Hutchinson-Gilford Progeria Syndrome with Ldlr Deficiency. <i>Cells</i> , 2020, 9, 2252.	4.1	13
25	Paclitaxel mitigates structural alterations and cardiac conduction system defects in a mouse model of Hutchinson-Gilford progeria syndrome. <i>Cardiovascular Research</i> , 2022, 118, 503-516.	3.8	12
26	MT1-MMP. <i>Communicative and Integrative Biology</i> , 2010, 3, 256-259.	1.4	6