

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	Paclitaxel mitigates structural alterations and cardiac conduction system defects in a mouse model of Hutchinsonâ€™Gilford progeria syndrome. <i>Cardiovascular Research</i> , 2022, 118, 503-516.	3.8	12
2	Isoprenylcysteine Carboxylmethyltransferase-Based Therapy for Hutchinsonâ€™Gilford Progeria Syndrome. <i>ACS Central Science</i> , 2021, 7, 1300-1310.	11.3	16
3	Cardiovascular Progerin Suppression and Lamin A Restoration Rescue Hutchinson-Gilford Progeria Syndrome. <i>Circulation</i> , 2021, 144, 1777-1794.	1.6	20
4	Premature Vascular Aging with Features of Plaque Vulnerability in an Atheroprone Mouse Model of Hutchinsonâ€™Gilford Progeria Syndrome with Ldlr Deficiency. <i>Cells</i> , 2020, 9, 2252.	4.1	13
5	Endothelial $\text{MT}^{\text{1}}/\text{MMP}^{\text{1}}$ targeting limits intussusceptive angiogenesis and colitis via TSP1/nitric oxide axis. <i>EMBO Molecular Medicine</i> , 2020, 12, e10862.	6.9	33
6	Macrophages promote endothelial-to-mesenchymal transition via $\text{MT}^{\text{1}}/\text{MMP}^{\text{1}}/\text{TGF}\beta^{\text{2}}$ after myocardial infarction. <i>ELife</i> , 2020, 9, .	6.0	44
7	Progerin accelerates atherosclerosis by inducing endoplasmic reticulum stress in vascular smooth muscle cells. <i>EMBO Molecular Medicine</i> , 2019, 11, .	6.9	83
8	Generation and characterization of a novel knockin minipig model of Hutchinson-Gilford progeria syndrome. <i>Cell Discovery</i> , 2019, 5, 16.	6.7	43
9	Vascular Smooth Muscleâ€™Specific Progerin Expression Accelerates Atherosclerosis and Death in a Mouse Model of Hutchinson-Gilford Progeria Syndrome. <i>Circulation</i> , 2018, 138, 266-282.	1.6	102
10	TET2 controls chemoresistant slow-cycling cancer cell survival and tumor recurrence. <i>Journal of Clinical Investigation</i> , 2018, 128, 3887-3905.	8.2	79
11	An EMMPRIN/ β -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
12	The protease $\text{MT}^{\text{1}}/\text{MMP}^{\text{1}}$ drives a combinatorial proteolytic program in activated endothelial cells. <i>FASEB Journal</i> , 2012, 26, 4481-4494.	0.5	34
13	Site-specific cellular functions of $\text{MT}^{\text{1}}/\text{MMP}^{\text{1}}$. <i>European Journal of Cell Biology</i> , 2012, 91, 889-895.	3.6	27
14	$\text{MT}^{\text{1}}/\text{MMP}^{\text{1}}$ and integrins: Handâ€™toâ€™hand in cell communication. <i>BioFactors</i> , 2010, 36, 248-254.	5.4	42
15	Retinoid X receptor β controls innate inflammatory responses through the up-regulation of chemokine expression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 10626-10631.	7.1	129
16	$\text{MT}^{\text{1}}/\text{MMP}^{\text{1}}$. <i>Communicative and Integrative Biology</i> , 2010, 3, 256-259.	1.4	6
17	$\text{MT}^{\text{1}}/\text{MMP}^{\text{1}}$ Is Required for Myeloid Cell Fusion via Regulation of Rac1 Signaling. <i>Developmental Cell</i> , 2010, 18, 77-89.	7.0	108
18	$\text{MT}^{\text{1}}/\text{MMP}^{\text{1}}$ collagenolytic activity is regulated through association with tetraspanin CD151 in primary endothelial cells. <i>Blood</i> , 2008, 112, 3217-3226.	1.4	105

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19	A Population of CD19 ^{high} CD45 ^{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
20	Functional interplay between endothelial nitric oxide synthase and membrane type 1 matrix metalloproteinase in migrating endothelial cells. <i>Blood</i> , 2007, 110, 2916-2923.	1.4	55
21	MT1-MMP: Universal or particular player in angiogenesis?. <i>Cancer and Metastasis Reviews</i> , 2006, 25, 77-86.	5.9	121
22	Expression of the VRK (vaccinia-related kinase) gene family of p53 regulators in murine hematopoietic development. <i>FEBS Letters</i> , 2003, 544, 176-180.	2.8	60
23	A population of c-Kit ^{low} (CD45/TER119) ^{low} hepatic cell progenitors of 11-day postcoitus mouse embryo liver reconstitutes cell-depleted liver organoids. <i>Journal of Clinical Investigation</i> , 2003, 112, 1152-1163.	8.2	48
24	The first 3 days of B-cell development in the mouse embryo. <i>Blood</i> , 2002, 100, 4074-4081.	1.4	58
25	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
26	A Differential Medium for the Isolation of <i>Kluyveromyces marxianus</i> and <i>Kluyveromyces lactis</i> from Dairy Products. <i>Journal of Food Protection</i> , 1999, 62, 189-193.	1.7	26