

Ana Gutierrez-Fernandez

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

4,261
citations

236925

25
h-index

377865

34
g-index

39
all docs

39
docs citations

39
times ranked

8008
citing authors

#	ARTICLE	IF	CITATIONS
1	PanCancer analysis of somatic mutations in repetitive regions reveals recurrent mutations in snRNA U2. <i>Npj Genomic Medicine</i> , 2022, 7, 19.	3.8	2
2	Dual dose-related effects evoked by CCL4 on thermal nociception after gene delivery or exogenous administration in mice. <i>Biochemical Pharmacology</i> , 2020, 175, 113903.	4.4	5
3	The U1 spliceosomal RNA is recurrently mutated in multiple cancers. <i>Nature</i> , 2019, 574, 712-716.	27.8	128
4	Recurrent noncoding U1 snRNA mutations drive cryptic splicing in SHH medulloblastoma. <i>Nature</i> , 2019, 574, 707-711.	27.8	129
5	The U1 Spliceosomal RNA: A Novel Non-Coding Hotspot Driver Mutation Independently Associated with Clinical Outcome in Chronic Lymphocytic Leukemia. <i>Blood</i> , 2019, 134, 847-847.	1.4	0
6	Matrix metalloproteinase-14 triggers an anti-inflammatory proteolytic cascade in endotoxemia. <i>Journal of Molecular Medicine</i> , 2017, 95, 487-497.	3.9	23
7	A t(1;9) translocation involving <i>CSF3R</i> as a novel mechanism in unclassifiable chronic myeloproliferative neoplasm. <i>Haematologica</i> , 2017, 102, e510-e513.	3.5	0
8	Congenital dilated cardiomyopathy caused by biallelic mutations in Filamin C. <i>European Journal of Human Genetics</i> , 2016, 24, 1792-1796.	2.8	36
9	MMP-25 Metalloprotease Regulates Innate Immune Response through NF- κ B Signaling. <i>Journal of Immunology</i> , 2016, 197, 296-302.	0.8	34
10	Loss of <i>MT</i> \rightarrow <i>MMP</i> causes cell senescence and nuclear defects which can be reversed by retinoic acid. <i>EMBO Journal</i> , 2015, 34, 1875-1888.	7.8	78
11	NF- κ B activation impairs somatic cell reprogramming in ageing. <i>Nature Cell Biology</i> , 2015, 17, 1004-1013.	10.3	91
12	Pleiotropic functions of the tumor- and metastasis-suppressing matrix metalloproteinase-8 in mammary cancer in MMTV-PyMT transgenic mice. <i>Breast Cancer Research</i> , 2015, 17, 38.	5.0	35
13	The anti-metastatic activity of collagenase-2 in breast cancer cells is mediated by a signaling pathway involving decorin and miR-21. <i>Oncogene</i> , 2014, 33, 3054-3063.	5.9	64
14	Mutations in filamin C cause a new form of familial hypertrophic cardiomyopathy. <i>Nature Communications</i> , 2014, 5, 5326.	12.8	154
15	Effects of azacitidine on matrix metalloproteinase-9 in acute myeloid leukemia and myelodysplasia. <i>Experimental Hematology</i> , 2013, 41, 172-179.	0.4	9
16	New and Paradoxical Roles of Matrix Metalloproteinases in the Tumor Microenvironment. <i>Frontiers in Pharmacology</i> , 2012, 3, 140.	3.5	88
17	Whole-genome sequencing identifies recurrent mutations in chronic lymphocytic leukaemia. <i>Nature</i> , 2011, 475, 101-105.	27.8	1,364
18	Exome Sequencing and Functional Analysis Identifies BANF1 Mutation as the Cause of a Hereditary Progeroid Syndrome. <i>American Journal of Human Genetics</i> , 2011, 88, 650-656.	6.2	189

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19	Absence or Inhibition of Matrix Metalloproteinase-8 Decreases Ventilator-Induced Lung Injury. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2010, 43, 555-563.	2.9	57
20	Chemokine Monocyte Chemoattractant Protein-3 in Progressive Periodontal Lesions in Patients With Chronic Periodontitis. <i>Journal of Periodontology</i> , 2010, 81, 267-276.	3.4	19
21	Resistance to Bleomycin-Induced Lung Fibrosis in MMP-8 Deficient Mice Is Mediated by Interleukin-10. <i>PLoS ONE</i> , 2010, 5, e13242.	2.5	88
22	Plasminogen Enhances Neuritogenesis on Laminin-1. <i>Journal of Neuroscience</i> , 2009, 29, 12393-12400.	3.6	26
23	Human β -defensin-1 and -2 and matrix metalloproteinase-25 and -26 expression in chronic and aggressive periodontitis and in peri-implantitis. <i>Archives of Oral Biology</i> , 2008, 53, 175-186.	1.8	65
24	Lack of matrix metalloproteinase-9 worsens ventilator-induced lung injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2008, 294, L535-L543.	2.9	58
25	Matrix Metalloproteinase-8 Functions as a Metastasis Suppressor through Modulation of Tumor Cell Adhesion and Invasion. <i>Cancer Research</i> , 2008, 68, 2755-2763.	0.9	172
26	Collagenase-2 Deficiency or Inhibition Impairs Experimental Autoimmune Encephalomyelitis in Mice. <i>Journal of Biological Chemistry</i> , 2008, 283, 9465-9474.	3.4	60
27	Increased inflammation delays wound healing in mice deficient in collagenase-2 (MMP-8). <i>FASEB Journal</i> , 2007, 21, 2580-2591.	0.5	241
28	Collagenase-2 (MMP-8) and matrilysin-2 (MMP-26) expression in human wounds of different etiologies. <i>Wound Repair and Regeneration</i> , 2007, 15, 47-57.	3.0	74
29	Plasminogen gene expression is regulated by nerve growth factor. <i>Journal of Thrombosis and Haemostasis</i> , 2007, 5, 1715-1725.	3.8	10
30	Comparative analysis of cancer genes in the human and chimpanzee genomes. <i>BMC Genomics</i> , 2006, 7, 15.	2.8	94
31	Accelerated ageing in mice deficient in Zmpste24 protease is linked to p53 signalling activation. <i>Nature</i> , 2005, 437, 564-568.	27.8	438
32	Comparative genomic analysis of human and chimpanzee proteases. <i>Genomics</i> , 2005, 86, 638-647.	2.9	78
33	A genomic view of the complexity of mammalian proteolytic systems. <i>Biochemical Society Transactions</i> , 2005, 33, 331-334.	3.4	124
34	Interleukin-6-induced plasminogen gene expression in murine hepatocytes is mediated by transcription factor CCAAT/enhancer binding protein beta (C/EBPbeta). <i>Journal of Thrombosis and Haemostasis</i> , 2004, 2, 2205-2212.	3.8	15
35	Cloning and enzymatic analysis of 22 novel human ubiquitin-specific proteases. <i>Biochemical and Biophysical Research Communications</i> , 2004, 314, 54-62.	2.1	209
36	Regulation of Plasminogen Gene Expression. , 2003, , 67-80.		2