

# Ana Gutierrez-Fernandez

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6839629/publications.pdf>

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  | Whole-genome sequencing identifies recurrent mutations in chronic lymphocytic leukaemia. <i>Nature</i> , 2011, 475, 101-105.  | 27.8 | 1,364     |
| 2  | Accelerated ageing in mice deficient in Zmpste24 protease is linked to p53 signalling activation. <i>Nature</i> , 2005, 437, 564-568.   | 27.8 | 438       |
| 3  | Increased inflammation delays wound healing in mice deficient in collagenase-2 (MMP-8). <i>FASEB Journal</i> , 2007, 21, 2580-2591.   | 0.5  | 241       |
| 4  | 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       |
| 5  | 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       |
| 6  | 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       |
| 7  | Mutations in filamin C cause a new form of familial hypertrophic cardiomyopathy. <i>Nature Communications</i> , 2014, 5, 5326.  | 12.8 | 154       |
| 8  | Recurrent noncoding U1 snRNA mutations drive cryptic splicing in SHH medulloblastoma. <i>Nature</i> , 2019, 574, 707-711.   | 27.8 | 129       |
| 9  | The U1 spliceosomal RNA is recurrently mutated in multiple cancers. <i>Nature</i> , 2019, 574, 712-716.   | 27.8 | 128       |
| 10 | A genomic view of the complexity of mammalian proteolytic systems. <i>Biochemical Society Transactions</i> , 2005, 33, 331-334.   | 3.4  | 124       |
| 11 | Comparative analysis of cancer genes in the human and chimpanzee genomes. <i>BMC Genomics</i> , 2006, 7, 15.  | 2.8  | 94        |
| 12 | NF- $\kappa$ B activation impairs somatic cell reprogramming in ageing. <i>Nature Cell Biology</i> , 2015, 17, 1004-1013.   | 10.3 | 91        |
| 13 | New and Paradoxical Roles of Matrix Metalloproteinases in the Tumor Microenvironment. <i>Frontiers in Pharmacology</i> , 2012, 3, 140.  | 3.5  | 88        |
| 14 | 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        |
| 15 | Comparative genomic analysis of human and chimpanzee proteases. <i>Genomics</i> , 2005, 86, 638-647.  | 2.9  | 78        |
| 16 | Loss of $\text{MMP-8}$ causes cell senescence and nuclear defects which can be reversed by retinoic acid. <i>EMBO Journal</i> , 2015, 34, 1875-1888.  | 7.8  | 78        |
| 17 | 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        |
| 18 | Human $\beta$ -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        |

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|----|---|-----|-----------|
| 19 | 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        |
| 20 | Collagenase-2 Deficiency or Inhibition Impairs Experimental Autoimmune Encephalomyelitis in Mice. <i>Journal of Biological Chemistry</i> , 2008, 283, 9465-9474.  | 3.4 | 60        |
| 21 | 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        |
| 22 | 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        |
| 23 | Congenital dilated cardiomyopathy caused by biallelic mutations in Filamin C. <i>European Journal of Human Genetics</i> , 2016, 24, 1792-1796.  | 2.8 | 36        |
| 24 | 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        |
| 25 | MMP-25 Metalloprotease Regulates Innate Immune Response through NF- $\kappa$ B Signaling. <i>Journal of Immunology</i> , 2016, 197, 296-302.  | 0.8 | 34        |
| 26 | Plasminogen Enhances Neuritogenesis on Laminin-1. <i>Journal of Neuroscience</i> , 2009, 29, 12393-12400.   | 3.6 | 26        |
| 27 | Matrix metalloproteinase-14 triggers an anti-inflammatory proteolytic cascade in endotoxemia. <i>Journal of Molecular Medicine</i> , 2017, 95, 487-497.   | 3.9 | 23        |
| 28 | 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        |
| 29 | 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        |
| 30 | Plasminogen gene expression is regulated by nerve growth factor. <i>Journal of Thrombosis and Haemostasis</i> , 2007, 5, 1715-1725.   | 3.8 | 10        |
| 31 | Effects of azacitidine on matrix metalloproteinase-9 in acute myeloid leukemia and myelodysplasia. <i>Experimental Hematology</i> , 2013, 41, 172-179.  | 0.4 | 9         |
| 32 | 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         |
| 33 | Regulation of Plasminogen Gene Expression. , 2003, , 67-80.   |     | 2         |
| 34 | 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         |
| 35 | 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         |
| 36 | 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         |