

Laura Gutierrez

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,765
citations

361413

20
h-index

276875

41
g-index

48
all docs

48
docs citations

48
times ranked

3052
citing authors

#	ARTICLE	IF	CITATIONS
1	Haploinsufficiency for the erythroid transcription factor KLF1 causes hereditary persistence of fetal hemoglobin. <i>Nature Genetics</i> , 2010, 42, 801-805.	21.4	323
2	Chronic IFN- γ production in mice induces anemia by reducing erythrocyte life span and inhibiting erythropoiesis through an IRF-1/PU.1 axis. <i>Blood</i> , 2011, 118, 2578-2588.	1.4	161
3	A novel flow cytometry-based platelet aggregation assay. <i>Blood</i> , 2013, 121, e70-e80.	1.4	131
4	Red blood cell storage time and transfusion: current practice, concerns and future perspectives. <i>Blood Transfusion</i> , 2017, 15, 222-231.	0.4	111
5	Development of blood transfusion product pathogen reduction treatments: A review of methods, current applications and demands. <i>Transfusion and Apheresis Science</i> , 2015, 52, 19-34.	1.0	99
6	Ablation of Gata1 in adult mice results in aplastic crisis, revealing its essential role in steady-state and stress erythropoiesis. <i>Blood</i> , 2008, 111, 4375-4385.	1.4	88
7	Hemopoietic Cell Expression of the Chemokine Decoy Receptor D6 Is Dynamic and Regulated by GATA1. <i>Journal of Immunology</i> , 2008, 181, 3353-3363.	0.8	69
8	Regulation of GATA1 levels in erythropoiesis. <i>IUBMB Life</i> , 2020, 72, 89-105.	3.4	64
9	Sp1/Sp3 transcription factors regulate hallmarks of megakaryocyte maturation and platelet formation and function. <i>Blood</i> , 2015, 125, 1957-1967.	1.4	57
10	Gata1 regulates dendritic-cell development and survival. <i>Blood</i> , 2007, 110, 1933-1941.	1.4	55
11	Btk Is Required for an Efficient Response to Erythropoietin and for SCF-controlled Protection against TRAIL in Erythroid Progenitors. <i>Journal of Experimental Medicine</i> , 2004, 199, 785-795.	8.5	51
12	Neutrophil-to-lymphocyte ratio: A potential new peripheral biomarker of suicidal behavior. <i>European Psychiatry</i> , 2020, 63, e14.	0.2	51
13	Pathogen reduction treatment using riboflavin and ultraviolet light impairs platelet reactivity toward specific agonists in vitro. <i>Transfusion</i> , 2014, 54, 2292-2300.	1.6	46
14	Hemopoietic cell expression of the chemokine decoy receptor D6 is dynamic and regulated by GATA1. <i>Journal of Immunology</i> , 2008, 181, 8170.2-8181.	0.8	37
15	The Microtubule Plus-End Tracking Protein CLASP2 Is Required for Hematopoiesis and Hematopoietic Stem Cell Maintenance. <i>Cell Reports</i> , 2012, 2, 781-788.	6.4	35
16	Defects in Glanzmann thrombasthenia and LAD-III (LAD-1/v) syndrome: the role of integrin α 2b and β 3 in platelet adhesion to collagen. <i>Blood</i> , 2012, 119, 583-586.	1.4	35
17	NF-E2 p45 Is Important for Establishing Normal Function of Platelets. <i>Molecular and Cellular Biology</i> , 2013, 33, 2659-2670.	2.3	35
18	Platelet-derived bio-products: Classification update, applications, concerns and new perspectives. <i>Transfusion and Apheresis Science</i> , 2020, 59, 102716.	1.0	33

#	ARTICLE	IF	CITATIONS
19	A comprehensive proteomics study on platelet concentrates: Platelet proteome, storage time and Mirasol pathogen reduction technology. <i>Platelets</i> , 2019, 30, 368-379.	2.3	28
20	Vegf regulates embryonic erythroid development through Gata1 modulation. <i>Blood</i> , 2010, 116, 2141-2151.	1.4	23
21	Homotypic signalling regulates Gata1 activity in the erythroblastic island. <i>Development (Cambridge)</i> , 2004, 131, 3183-3193.	2.5	20
22	A hanging drop culture method to study terminal erythroid differentiation. <i>Experimental Hematology</i> , 2005, 33, 1083-1091.	0.4	18
23	Platelet releasate promotes skeletal myogenesis by increasing muscle stem cell commitment to differentiation and accelerates muscle regeneration following acute injury. <i>Acta Physiologica</i> , 2019, 225, e13207.	3.8	17
24	Repercussion of Megakaryocyte-Specific Gata1 Loss on Megakaryopoiesis and the Hematopoietic Precursor Compartment. <i>PLoS ONE</i> , 2016, 11, e0154342.	2.5	15
25	TAF10 Interacts with the GATA1 Transcription Factor and Controls Mouse Erythropoiesis. <i>Molecular and Cellular Biology</i> , 2015, 35, 2103-2118.	2.3	14
26	Optimising platelet secretomes to deliver robust tissue-specific regeneration. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2020, 14, 82-98.	2.7	13
27	GATA1-Deficient Dendritic Cells Display Impaired CCL21-Dependent Migration toward Lymph Nodes Due to Reduced Levels of Polysialic Acid. <i>Journal of Immunology</i> , 2016, 197, 4312-4324.	0.8	12
28	A Dual Reporter Mouse Model of the Human β -Globin Locus: Applications and Limitations. <i>PLoS ONE</i> , 2012, 7, e51272.	2.5	12
29	Dynamic regulation of Gata1 expression during the maturation of conventional dendritic cells. <i>Experimental Hematology</i> , 2010, 38, 489-503.e1.	0.4	11
30	Sex-dependent grades of haematopoietic modulation in patients with major depressive episodes are associated with suicide attempts. <i>European Neuropsychopharmacology</i> , 2020, 40, 17-30.	0.7	10
31	Elucidating the Mechanism of Action of the Attributed Immunomodulatory Role of Eltrombopag in Primary Immune Thrombocytopenia: An In Silico Approach. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6907.	4.1	10
32	Erythropoietic Defect Associated with Reduced Cell Proliferation in Mice Lacking the 26S Proteasome Shutling Factor Rad23b. <i>Molecular and Cellular Biology</i> , 2013, 33, 3879-3892.	2.3	9
33	In vitro platelet production for transfusion purposes: Where are we now?. <i>Transfusion and Apheresis Science</i> , 2020, 59, 102864.	1.0	8
34	The RNA-Binding Protein ATXN2 is Expressed during Megakaryopoiesis and May Control Timing of Gene Expression. <i>International Journal of Molecular Sciences</i> , 2020, 21, 967.	4.1	8
35	Dissecting platelet proteomics to understand the pathophysiology of immune thrombocytopenia: studies in mouse models. <i>Blood Advances</i> , 2022, 6, 3529-3534.	5.2	7
36	Characterization of hematopoietic GATA transcription factor expression in mouse and human dendritic cells. <i>Blood Cells, Molecules, and Diseases</i> , 2015, 55, 293-303.	1.4	6

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37	Implementation of a closed platelet-rich-plasma preparation method using the local blood bank infrastructure at the Principality of Asturias (Spain): Back to basic methodology and a demographics perspective after 1 year. Transfusion and Apheresis Science, 2019, 58, 701-704.	1.0	6
38	Clinical Management of Hypertension, Inflammation and Thrombosis in Hospitalized COVID-19 Patients: Impact on Survival and Concerns. Journal of Clinical Medicine, 2021, 10, 1073.	2.4	6
39	Culture of Megakaryocytes from Human Peripheral Blood Mononuclear Cells. Bio-protocol, 2015, 5, .	0.4	6
40	Clinical Response After Treatment of Knee Osteoarthritis With a Standardized, Closed-System, Low-Cost Platelet-Rich Plasma Product: 1-Year Outcomes. Orthopaedic Journal of Sports Medicine, 2022, 10, 232596712210764.	1.7	5
41	Therapy-related myeloid neoplasms as a concerning complication in acute promyelocytic leukemia. Hematology Reports, 2017, 9, 7204.	0.8	4
42	On the Quest for In Vitro Platelet Production by Re-Tailoring the Concepts of Megakaryocyte Differentiation. Medicina (Lithuania), 2020, 56, 671.	2.0	4
43	Platelet number and function alterations in preclinical models of sterile inflammation and sepsis patients: implications in the pathophysiology and treatment of inflammation. Transfusion and Apheresis Science, 2022, 61, 103413.	1.0	4
44	Comparison of the PU.1 transcriptional regulome and interactome in human and mouse inflammatory dendritic cells. Journal of Leukocyte Biology, 2021, 110, 735-751.	3.3	3
45	Mild dyserythropoiesis and β^2 -like globin gene expression imbalance due to the loss of histone chaperone ASF1B. Human Genomics, 2020, 14, 39.	2.9	2
46	Applicability of the Thrombin Generation Test to Evaluate the Hemostatic Status of Hemophilia A Patients in Daily Clinical Practice. Journal of Clinical Medicine, 2022, 11, 3345.	2.4	2
47	Identification of underlying and transfusion-related platelet qualitative alterations in the hemato-oncologic patient. Transfusion and Apheresis Science, 2017, 56, 756-768.	1.0	1
48	Immunophenotyping and Cell Sorting of Human MKs from Human Primary Sources or Differentiated <i>In Vitro</i> from Hematopoietic Progenitors. Journal of Visualized Experiments, 2021, , .	0.3	0