Laura Gutierrez

List of Publications by Year
in descending order

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48 papers	1,765 citations	361296 20 h-index	276775 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. Nature Genetics, 2010, 42, 801-805.	9.4	323
2	Chronic IFN-Î³ production in mice induces anemia by reducing erythrocyte life span and inhibiting erythropoiesis through an IRF-1/PU.1 axis. Blood, 2011, 118, 2578-2588.	0.6	161
3	A novel flow cytometryâ€“based platelet aggregation assay. Blood, 2013, 121, e70-e80.	0.6	131
4	Red blood cell storage time and transfusion: current practice, concerns and future perspectives. Blood Transfusion, 2017, 15, 222-231.	0.3	111
5	Development of blood transfusion product pathogen reduction treatments: A review of methods, current applications and demands. Transfusion and Apheresis Science, 2015, 52, 19-34.	0.5	99
6	Ablation of Gata1 in adult mice results in aplastic crisis, revealing its essential role in steady-state and stress erythropoiesis. Blood, 2008, 111, 4375-4385.	0.6	88
7	Hemopoietic Cell Expression of the Chemokine Decoy Receptor D6 Is Dynamic and Regulated by GATA1. Journal of Immunology, 2008, 181, 3353-3363.	0.4	69
8	Regulation of GATA1 levels in erythropoiesis. IUBMB Life, 2020, 72, 89-105.	1.5	64
9	Sp1/Sp3 transcription factors regulate hallmarks of megakaryocyte maturation and platelet formation and function. Blood, 2015, 125, 1957-1967.	0.6	57
10	Gata1 regulates dendritic-cell development and survival. Blood, 2007, 110, 1933-1941.	0.6	55
11	Btk Is Required for an Efficient Response to Erythropoietin and for SCF-controlled Protection against TRAIL in Erythroid Progenitors. Journal of Experimental Medicine, 2004, 199, 785-795.	4.2	51
12	Neutrophil-to-lymphocyte ratio: A potential new peripheral biomarker of suicidal behavior. European Psychiatry, 2020, 63, e14.	0.1	51
13	Pathogen reduction treatment using riboflavin and ultraviolet light impairs platelet reactivity toward specific agonists in vitro. Transfusion, 2014, 54, 2292-2300.	0.8	46
14	Hemopoietic cell expression of the chemokine decoy receptor D6 is dynamic and regulated by GATA1. Journal of Immunology, 2008, 181, 8170.2-8181.	0.4	37
15	The Microtubule Plus-End Tracking Protein CLASP2 Is Required for Hematopoiesis and Hematopoietic Stem Cell Maintenance. Cell Reports, 2012, 2, 781-788.	2.9	35
16	Defects in Glanzmann thrombasthenia and LAD-III (LAD-1/v) syndrome: the role of integrin Î²1 and Î²3 in platelet adhesion to collagen. Blood, 2012, 119, 583-586.	0.6	35
17	NF-E2 p45 Is Important for Establishing Normal Function of Platelets. Molecular and Cellular Biology, 2013, 33, 2659-2670.	1.1	35
18	Platelet-derived bio-products: Classification update, applications, concerns and new perspectives. Transfusion and Apheresis Science, 2020, 59, 102716.	0.5	33

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19	A comprehensive proteomics study on platelet concentrates: Platelet proteome, storage time and Mirasol pathogen reduction technology. Platelets, 2019, 30, 368-379.	1.1	28
20	Vegf regulates embryonic erythroid development through Gata1 modulation. Blood, 2010, 116, 2141-2151.	0.6	23
21	Homotypic signalling regulates Gata1 activity in the erythroblastic island. Development (Cambridge), 2004, 131, 3183-3193.	1.2	20
22	A hanging drop culture method to study terminal erythroid differentiation. Experimental Hematology, 2005, 33, 1083-1091.	0.2	18
23	Platelet releasate promotes skeletal myogenesis by increasing muscle stem cell commitment to differentiation and accelerates muscle regeneration following acute injury. Acta Physiologica, 2019, 225, e13207.	1.8	17
24	Repercussion of Megakaryocyte-Specific Gata1 Loss on Megakaryopoiesis and the Hematopoietic Precursor Compartment. PLoS ONE, 2016, 11, e0154342.	1.1	15
25	TAF10 Interacts with the GATA1 Transcription Factor and Controls Mouse Erythropoiesis. Molecular and Cellular Biology, 2015, 35, 2103-2118.	1.1	14
26	Optimising platelet secretomes to deliver robust tissueâ€specific regeneration. Journal of Tissue Engineering and Regenerative Medicine, 2020, 14, 82-98.	1.3	13
27	GATA1-Deficient Dendritic Cells Display Impaired CCL21-Dependent Migration toward Lymph Nodes Due to Reduced Levels of Polysialic Acid. Journal of Immunology, 2016, 197, 4312-4324.	0.4	12
28	A Dual Reporter Mouse Model of the Human Î²-Globin Locus: Applications and Limitations. PLoS ONE, 2012, 7, e51272.	1.1	12
29	Dynamic regulation of Gata1 expression during the maturation of conventional dendritic cells. Experimental Hematology, 2010, 38, 489-503.e1.	0.2	11
30	Sex-dependent grades of haematopoietic modulation in patients with major depressive episodes are associated with suicide attempts. European Neuropsychopharmacology, 2020, 40, 17-30.	0.3	10
31	Elucidating the Mechanism of Action of the Attributed Immunomodulatory Role of Eltrombopag in Primary Immune Thrombocytopenia: An In Silico Approach. International Journal of Molecular Sciences, 2021, 22, 6907.	1.8	10
32	Erythropoietic Defect Associated with Reduced Cell Proliferation in Mice Lacking the 26S Proteasome Shuttling Factor Rad23b. Molecular and Cellular Biology, 2013, 33, 3879-3892.	1.1	9
33	In vitro platelet production for transfusion purposes: Where are we now?. Transfusion and Apheresis Science, 2020, 59, 102864.	0.5	8
34	The RNA-Binding Protein ATXN2 is Expressed during Megakaryopoiesis and May Control Timing of Gene Expression. International Journal of Molecular Sciences, 2020, 21, 967.	1.8	8
35	Dissecting platelet proteomics to understand the pathophysiology of immune thrombocytopenia: studies in mouse models. Blood Advances, 2022, 6, 3529-3534.	2.5	7
36	Characterization of hematopoietic GATA transcription factor expression in mouse and human dendritic cells. Blood Cells, Molecules, and Diseases, 2015, 55, 293-303.	0.6	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.	0.5	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.	1.0	6
39	Culture of Megakaryocytes from Human Peripheral Blood Mononuclear Cells. Bio-protocol, 2015, 5, .	0.2	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.	0.8	5
41	Therapy-related myeloid neoplasms as a concerning complication in acute promyelocytic leukemia. Hematology Reports, 2017, 9, 7204.	0.3	4
42	On the Quest for In Vitro Platelet Production by Re-Tailoring the Concepts of Megakaryocyte Differentiation. Medicina (Lithuania), 2020, 56, 671.	0.8	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.	0.5	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.	1.5	3
45	Mild dyserythropoiesis and Î²-like globin gene expression imbalance due to the loss of histone chaperone ASF1B. Human Genomics, 2020, 14, 39.	1.4	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.	1.0	2
47	Identification of underlying and transfusion-related platelet qualitative alterations in the hemato-oncologic patient. Transfusion and Apheresis Science, 2017, 56, 756-768.	0.5	1
48	Immunophenotyping and Cell Sorting of Human MKs from Human Primary Sources or Differentiated In Vitro from Hematopoietic Progenitors. Journal of Visualized Experiments, 2021, , .	0.2	0