

Jordi Petriz

List of Publications by Year in descending order

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68
papers

2,993
citations

279701

23
h-index

175177

52
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74
all docs

74
docs citations

74
times ranked

7189
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use of flow cytometry and cell sorting in immunological studies (second edition). European Journal of Immunology, 2019, 49, 1457-1973.	1.6	766
2	Guidelines for the use of flow cytometry and cell sorting in immunological studies[*]. European Journal of Immunology, 2017, 47, 1584-1797.	1.6	505
3	Phagocytic Activity Is Impaired in Type 2 Diabetes Mellitus and Increases after Metabolic Improvement. PLoS ONE, 2011, 6, e23366.	1.1	160
4	Human dendritic cell activities are modulated by the omega-3 fatty acid, docosahexaenoic acid, mainly through PPAR β :RXR heterodimers: comparison with other polyunsaturated fatty acids. Journal of Leukocyte Biology, 2008, 84, 1172-1182.	1.5	113
5	Fatty acid metabolism in breast cancer cells: differential inhibitory effects of epigallocatechin gallate (EGCG) and C75. Breast Cancer Research and Treatment, 2008, 109, 471-479.	1.1	98
6	Flow cytometry counting of CD34+ cells in whole blood. Nature Medicine, 2000, 6, 833-836.	15.2	97
7	Obesity Determines the Immunophenotypic Profile and Functional Characteristics of Human Mesenchymal Stem Cells From Adipose Tissue. Stem Cells Translational Medicine, 2016, 5, 464-475.	1.6	96
8	Dedifferentiated adult articular chondrocytes: a population of human multipotent primitive cells. Experimental Cell Research, 2004, 297, 313-328.	1.2	75
9	Flow cytometric analysis of P-glycoprotein function using rhodamine 123. Leukemia, 1997, 11, 1124-1130.	3.3	71
10	Induction of GABAergic phenotype in a neural stem cell line for transplantation in an excitotoxic model of Huntington's disease. Experimental Neurology, 2004, 190, 42-58.	2.0	69
11	Characterization of antibodies submitted to the B cell section of the 8th Human Leukocyte Differentiation Antigens Workshop by flow cytometry and immunohistochemistry. Cellular Immunology, 2005, 236, 6-16.	1.4	58
12	9-cis-Retinoic Acid (9cRA), a Retinoid X Receptor (RXR) Ligand, Exerts Immunosuppressive Effects on Dendritic Cells by RXR-Dependent Activation: Inhibition of Peroxisome Proliferator-Activated Receptor β Blocks Some of the 9cRA Activities, and Precludes Them to Mature Phenotype Development. Journal of Immunology, 2007, 178, 6130-6139.	0.4	54
13	Identification of a pancreatic stellate cell population with properties of progenitor cells: new role for stellate cells in the pancreas. Biochemical Journal, 2009, 421, 181-191.	1.7	54
14	Glycolytic pyruvate regulates P-glycoprotein expression in multicellular tumor spheroids via modulation of the intracellular redox state. Journal of Cellular Biochemistry, 2010, 109, 434-446.	1.2	48
15	A novel strategy affords high-yield coupling of antibody to extremities of liposomal surface-grafted PEG chains. Biochimica Et Biophysica Acta - Biomembranes, 1999, 1418, 232-238.	1.4	47
16	RNAi-mediated silencing of CD40 prevents leukocyte adhesion on CD154-activated endothelial cells. Blood, 2004, 104, 3642-3646.	0.6	47
17	Circulating Progenitor Cells and Vascular Dysfunction in Chronic Obstructive Pulmonary Disease. PLoS ONE, 2014, 9, e106163.	1.1	43
18	Preparation of PEG-grafted immunomagnetoliposomes entrapping citrate stabilized magnetite particles and their application in CD34+ cell sorting. Journal of Microencapsulation, 2001, 18, 41-54.	1.2	36

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19	Preparation of immunoliposomes bearing poly(ethylene glycol)-coupled monoclonal antibody linked via a cleavable disulfide bond for ex vivo applications. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2000, 1509, 299-310.	1.4	26
20	Uraemic medium accelerates proliferation but does not induce apoptosis of endothelial cells in culture. <i>Nephrology Dialysis Transplantation</i> , 2003, 18, 1079-1085.	0.4	26
21	Individual Quality Assessment of Autografting by Probability Estimation for Clinical Endpoints: A Prospective Validation Study from the European Group for Blood and Marrow Transplantation. <i>Biology of Blood and Marrow Transplantation</i> , 2013, 19, 1670-1676.	2.0	26
22	Redefining the Significance of Aneuploidy in the Prognostic Assessment of Colorectal Cancer. <i>Laboratory Investigation</i> , 2001, 81, 307-315.	1.7	25
23	A multicolor, no-lyse no-wash assay for the absolute counting of CD34+ cells by flow cytometry. <i>Cytometry</i> , 2002, 50, 249-253.	1.8	24
24	Flow cytometry-based approach to ABCG2 function suggests that the transporter differentially handles the influx and efflux of drugs. , 2004, 62A, 129-138.		24
25	No lyse no wash flow cytometry for maximizing minimal sample preparation. <i>Methods</i> , 2018, 134-135, 149-163.	1.9	24
26	An MDR-EGFP Gene Fusion Allows for Direct Cellular Localization, Function and Stability Assessment of P-Glycoprotein. <i>Current Drug Delivery</i> , 2004, 1, 43-56.	0.8	22
27	Flow cytometric-based isolation of nucleated erythroid cells during maturation: An approach to cell surface antigen studies. <i>Cytometry</i> , 2002, 50, 305-312.	1.8	18
28	Flow Cytometry of the Side Population (SP). <i>Current Protocols in Cytometry</i> , 2013, 64, Unit9.23.	3.7	18
29	Preparation of immunoliposomes directed against CD34 antigen as target. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1998, 1371, 17-23.	1.4	16
30	CD34+ Cell Positive Selection from Mobilized Peripheral Blood by an Indirect Immunomagnetic Method: Effect of the Type of Mobilization and Assessment of Tumor Depletion Ability. <i>Stem Cells and Development</i> , 1995, 4, 531-538.	1.0	15
31	Non-viral vector-mediated uptake, distribution, and stability of chimeraplasts in human airway epithelial cells. <i>Journal of Gene Medicine</i> , 2002, 4, 308-322.	1.4	15
32	ABCG2 is required to control the sonic hedgehog pathway in side population cells with stem-like properties. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2011, 79A, 672-683.	1.1	15
33	Subjectivity and flow cytometric variability. <i>Nature Reviews Immunology</i> , 2012, 12, 396-396.	10.6	15
34	Flow Cytometry of the Side Population (SP). <i>Current Protocols in Cytometry</i> , 2007, 39, Unit9.23.	3.7	14
35	Oxidative burst assessment and neutrophil-platelet complexes in unlysed whole blood. <i>Journal of Immunological Methods</i> , 2008, 339, 124-131.	0.6	14
36	Transgene Expression Levels Determine the Immunogenicity of Transduced Hematopoietic Grafts in Partially Myeloablated Mice. <i>Molecular Therapy</i> , 2009, 17, 1904-1909.	3.7	14

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37	The β -Interferon Scaffold Attachment Region Confers High-Level Transgene Expression and Avoids Extinction by Epigenetic Modifications of Integrated Provirus in Adipose Tissue-Derived Human Mesenchymal Stem Cells. <i>Tissue Engineering - Part C: Methods</i> , 2011, 17, 275-287.	1.1	14
38	Fetal Liver-Derived Mesenchymal Stem Cell Engraftment After Allogeneic In Utero Transplantation into Rabbits. <i>Stem Cells and Development</i> , 2012, 21, 284-295.	1.1	13
39	Is alkaline phosphatase the smoking gun for highly refractory primitive leukemic cells?. <i>Oncotarget</i> , 2016, 7, 72057-72066.	0.8	12
40	Is Rhodamine 123 an Appropriate Fluorescent Probe to Assess P-Glycoprotein Mediated Multidrug Resistance in Vinblastine-Resistant CHO Cells?. <i>Analytical Cellular Pathology</i> , 1997, 14, 129-140.	2.1	10
41	Flow-cytometry-based protocols for human blood/marrow immunophenotyping with minimal sample perturbation. <i>STAR Protocols</i> , 2021, 2, 100883.	0.5	10
42	Comparative effect of verapamil, cyclosporin A and SDZ PSC 833 on rhodamine 123 transport and cell cycle in vinblastine-resistant Chinese hamster ovary cells overexpressing P-glycoprotein. <i>Anti-Cancer Drugs</i> , 1997, 8, 869-875.	0.7	9
43	Flow Cytometry of the Side Population: Tips & Tricks. <i>Analytical Cellular Pathology</i> , 2006, 28, 37-53.	0.7	9
44	G-CSF increases the number of peripheral blood dendritic cells CD16+ and modifies the expression of the costimulatory molecule CD86+. <i>Bone Marrow Transplantation</i> , 2006, 37, 873-879.	1.3	9
45	Restricted transgene persistence after lentiviral vector-mediated fetal gene transfer in the pregnant rabbit model. <i>Journal of Gene Medicine</i> , 2008, 10, 951-964.	1.4	8
46	Effects of Intermittent Hypoxia and Light Aerobic Exercise on Circulating Stem Cells and Side Population, after Strenuous Eccentric Exercise in Trained Rats. <i>Current Stem Cell Research and Therapy</i> , 2015, 10, 132-139.	0.6	8
47	Flow Cytometry Analysis of Pituitary Adenomas. <i>Hormone Research</i> , 1996, 46, 257-262.	1.8	7
48	Boundary sequences stabilize transgene expression from subtle position effects in retroviral vectors. <i>Blood Cells, Molecules, and Diseases</i> , 2009, 43, 214-220.	0.6	7
49	Engraftment Potential of Adipose Tissue-Derived Human Mesenchymal Stem Cells After Transplantation in the Fetal Rabbit. <i>Stem Cells and Development</i> , 2012, 21, 3270-3277.	1.1	7
50	Impact of Small Molecules Immunosuppressants on P-Glycoprotein Activity and T-cell Function. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2012, 15, 407.	0.9	7
51	Acoustophoretic Orientation of Red Blood Cells for Diagnosis of Red Cell Health and Pathology. <i>Scientific Reports</i> , 2018, 8, 15705.	1.6	7
52	Isolation of hematopoietic progenitors. An approach to two different immunomagnetic methods at the lab scale. <i>Pure and Applied Chemistry</i> , 1996, 68, 1897-1901.	0.9	6
53	Plasma from patients with thrombotic thrombocytopenic purpura induces activation of human monocytes and polymorphonuclear neutrophils. <i>British Journal of Haematology</i> , 2003, 120, 129-134.	1.2	6
54	A rare fraction of human hematopoietic stem cells with large telomeres. <i>Cell and Tissue Research</i> , 2005, 319, 405-412.	1.5	6

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55	Diagnostic performance of the ClearLab 10C B cell tube. <i>Cytometry Part B - Clinical Cytometry</i> , 2020, 100, 519-530.	0.7	6
56	Flow cytometric significance of cellular alkaline phosphatase activity in acute myeloid leukemia. <i>Oncotarget</i> , 2019, 10, 6969-6980.	0.8	6
57	The Hoechst low-fluorescent profile of the side population: clonogenicity versus dye retention. <i>Blood</i> , 2006, 108, 1774-1775.	0.6	5
58	Vybrant DyeCycle Violet Stain Discriminates Two Different Subsets of CD34+ Cells. <i>Current Stem Cell Research and Therapy</i> , 2016, 11, 66-71.	0.6	4
59	Unmasking the expression of PD-L1 in Myeloid Derived Suppressor Cells: A case study in lung cancer to discover new drugs with specific on-target efficacy. <i>Translational Oncology</i> , 2021, 14, 100969.	1.7	4
60	Different Storing and Processing Conditions of Human Lymphocytes do not Alter P-Glycoprotein Rhodamine 123 Efflux. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2009, 12, 357.	0.9	3
61	Yellow-green laser-based flow cytometry for CD34+ progenitor cell counting. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2018, 93, 172-176.	1.1	2
62	Flow Cytometric Quantification of Granulocytic Alkaline Phosphatase Activity in Unlysed Whole Blood. <i>Current Protocols in Cytometry</i> , 2020, 93, e76.	3.7	2
63	A Novel Flow Cytometric Method to Study Cytotoxic Activity in Whole Blood Samples. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2021, 99, 503-510.	1.1	2
64	Abstract 5049: Cyclopamine modulates ABCG2 activity in glioblastoma side population cells. , 2011, , .		1
65	Accuracy and Reproducibility of Stem Cell Side Population Measurements on Clinically Relevant Products. <i>Current Stem Cell Research and Therapy</i> , 2014, 9, 526-534.	0.6	1
66	Flow Cytometric Quantification of Cytotoxic Activity in Whole Blood Samples. <i>Current Protocols</i> , 2021, 1, e215.	1.3	0
67	A New Approach to CD34+ Hematopoietic Progenitor Cell Counting. <i>Current Stem Cell Research and Therapy</i> , 2013, 8, 163-171.	0.6	0
68	Cancer Stem Cells and Multi-drug Resistance by Flow Cytometry. <i>Series in Bioengineering</i> , 2017, , 253-266.	0.3	0