Fawzia Louache

List of Publications by Year
in descending order

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64 papers	2,733 citations	172457 29 h-index	175258 52 g-index
67 all docs	67 docs citations	67 times ranked	4427 citing authors

#	Article	IF	Citations
1	The interaction between Cdc42 and WASP is required for SDF-1â€“induced T-lymphocyte chemotaxis. Blood, 2001, 97, 33-38.	1.4	191
2	Deficiency in the Wiskott-Aldrich protein induces premature proplatelet formation and platelet production in the bone marrow compartment. Blood, 2006, 108, 134-140.	1.4	183
3	Proplatelet formation is regulated by the Rho/ROCK pathway. Blood, 2007, 109, 4229-4236.	1.4	153
4	JAK3 deregulation by activating mutations confers invasive growth advantage in extranodal nasal-type natural killer cell lymphoma. Leukemia, 2014, 28, 338-348.	7.2	137
5	Phenotypic and Functional Evidence for the Expression of CXCR4 Receptor During Megakaryocytopoiesis. Blood, 1999, 93, 1511-1523.	1.4	110
6	Reduced retention of radioprotective hematopoietic cells within the bone marrow microenvironment in CXCR4â€“/â€“ chimeric mice. Blood, 2006, 107, 2243-2251.	1.4	103
7	Genetic hierarchy and temporal variegation in the clonal history of acute myeloid leukaemia. Nature Communications, 2016, 7, 12475.	12.8	95
8	Intracellular Localization and Constitutive Endocytosis of CXCR4 in Human CD34+Hematopoietic Progenitor Cells. Stem Cells, 2004, 22, 1015-1029.	3.2	93
9	RGS16 is a negative regulator of SDF-1â€“CXCR4 signaling in megakaryocytes. Blood, 2005, 106, 2962-2968.	1.4	92
10	The Thrombocytopenia of Wiskott Aldrich Syndrome Is Not Related to a Defect in Proplatelet Formation. Blood, 1999, 94, 509-518.	1.4	85
11	Retrovirus-Mediated Gene Transfer into Human CD34⁺38^{low}Primitive Cells Capable of Reconstituting Long-Term CulturesIn Vitroand Nonobese Diabeticâ€“Severe Combined Immunodeficiency MiceIn Vivo. Human Gene Therapy, 1998, 9, 1497-1511.	2.7	84
12	EKLF restricts megakaryocytic differentiation at the benefit of erythrocytic differentiation. Blood, 2008, 112, 576-584.	1.4	79
13	A defect in hematopoietic stem cell migration explains the nonrandom X-chromosome inactivation in carriers of Wiskott-Aldrich syndrome. Blood, 2003, 102, 1282-1289.	1.4	77
14	An activating mutation in the CSF3R gene induces a hereditary chronic neutrophilia. Journal of Experimental Medicine, 2009, 206, 1701-1707.	8.5	75
15	CXCR4/CXCL12 axis counteracts hematopoietic stem cell exhaustion through selective protection against oxidative stress. Scientific Reports, 2016, 6, 37827.	3.3	69
16	p210BCR-ABL inhibits SDF-1 Chemotactic Response via Alteration of CXCR4 Signaling and Down-regulation of CXCR4 Expression. Cancer Research, 2005, 65, 2676-2683.	0.9	57
17	Lipofectamine and Related Cationic Lipids Strongly Improve Adenoviral Infection Efficiency of Primitive Human Hematopoietic Cells. Human Gene Therapy, 1998, 9, 2493-2502.	2.7	56
18	CXCR4 inhibitors selectively eliminate CXCR4-expressing human acute myeloid leukemia cells in NOG mouse model. Cell Death and Disease, 2012, 3, e396-e396.	6.3	53

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19	The Chemokine Receptor CXCR4 Strongly Promotes Neuroblastoma Primary Tumour and Metastatic Growth, but not Invasion. PLoS ONE, 2007, 2, e1016.	2.5	52
20	Reversing Resistance to Vascular-Disrupting Agents by Blocking Late Mobilization of Circulating Endothelial Progenitor Cells. Cancer Discovery, 2012, 2, 434-449.	9.4	49
21	Identification of human T-lymphoid progenitor cells in CD34+ CD38low and CD34+ CD38+ subsets of human cord blood and bone marrow cells using NOD-SCID fetal thymus organ cultures. British Journal of Haematology, 1999, 104, 809-819.	2.5	47
22	Trans-Presentation of IL-15 Dictates IFN-Producing Killer Dendritic Cells Effector Functions. Journal of Immunology, 2008, 180, 7887-7897.	0.8	47
23	The role of iron in the growth of human leukemic cell lines. Journal of Cellular Physiology, 1984, 121, 251-256.	4.1	45
24	Novel Anti-Metastatic Action of Cidofovir Mediated by Inhibition of E6/E7, CXCR4 and Rho/ROCK Signaling in HPV+ Tumor Cells. PLoS ONE, 2009, 4, e5018.	2.5	42
25	Early and Persistent Bone Marrow Hematopoiesis Defect in Simian/Human Immunodeficiency Virus-Infected Macaques despite Efficient Reduction of Viremia by Highly Active Antiretroviral Therapy during Primary Infection. Journal of Virology, 2001, 75, 11594-11602.	3.4	41
26	Identification ofCXCR4as a New Nitric Oxide-Regulated Gene in Human CD34+Cells. Stem Cells, 2007, 25, 211-219.	3.2	41
27	Susceptibility of Human Bone Marrow Stromal Cells to Human Immunodeficiency Virus (HIV). Virology, 1995, 208, 779-783.	2.4	40
28	Cutting Edge: NANOG Activates Autophagy under Hypoxic Stress by Binding to BNIP3L Promoter. Journal of Immunology, 2017, 198, 1423-1428.	0.8	36
29	Lymphoid differentiation of hematopoietic stem cells requires efficient Cxcr4 desensitization. Journal of Experimental Medicine, 2017, 214, 2023-2040.	8.5	36
30	The iron-chelating agent picolinic acid enhances transferrin receptors expression in human erythroleukaemic cell lines. British Journal of Haematology, 1985, 60, 491-502.	2.5	28
31	A new signaling cascade linking BMP4, BMPR1A, Î”Np73 and NANOG impacts on stem-like human cell properties and patient outcome. Cell Death and Disease, 2018, 9, 1011.	6.3	28
32	p19INK4d Controls Hematopoietic Stem Cells in a Cell-Autonomous Manner during Genotoxic Stress and through the Microenvironment during Aging. Stem Cell Reports, 2014, 3, 1085-1102.	4.8	27
33	In Vitro Infection of Bone Marrow-Adherent Cells by Human Immunodeficiency Virus Type 1 (HIV-1) Does Not Alter Their Ability to Support Hematopoiesis. Virology, 1995, 213, 245-248.	2.4	26
34	Fas Ligand Deficiency Impairs Tumor Immunity by Promoting an Accumulation of Monocytic Myeloid-Derived Suppressor Cells. Cancer Research, 2015, 75, 4292-4301.	0.9	26
35	Donor Dependent Variations in Hematopoietic Differentiation among Embryonic and Induced Pluripotent Stem Cell Lines. PLoS ONE, 2016, 11, e0149291.	2.5	26
36	Targeting primary acute myeloid leukemia with a new CXCR4 antagonist IgG1 antibody (PF-06747143). Scientific Reports, 2017, 7, 7305.	3.3	25

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37	CXCL12/CXCR4 pathway is activated by oncogenic JAK2 in a PI3K-dependent manner. Oncotarget, 2017, 8, 54082-54095.	1.8	25
38	Engraftment of chronic myelomonocytic leukemia cells in immunocompromised mice supports disease dependency on cytokines. Blood Advances, 2017, 1, 972-979.	5.2	25
39	Rapid generation of a tetracycline-inducible BCR-ABL defective retrovirus using a single autoregulatory retroviral cassette. Leukemia, 2001, 15, 1658-1662.	7.2	24
40	Induction of (2â€²â€“5â€²) oligoadenylate synthetase activity during granulocyte and monocyte differentiation. Molecular and Cellular Biochemistry, 1985, 67, 125-133.	3.1	19
41	miR-181a modulates acute myeloid leukemia susceptibility to natural killer cells. OncoImmunology, 2015, 4, e996475.	4.6	18
42	Generation and characterisation of Rhd and Rhag null mice. British Journal of Haematology, 2010, 148, 161-172.	2.5	17
43	Successful xenografts of AML3 samples in immunodeficient NOD/shi-SCID IL2RÎ³â^'/â^' mice. Leukemia, 2012, 26, 2432-2435.	7.2	17
44	Regulation of CCR6 chemokine receptor expression and responsiveness to macrophage inflammatory protein-3Î±/CCL20 in human B cells. Blood, 2000, 96, 2338-2345.	1.4	14
45	Molecular mechanisms regulating the synthesis of transferrin receptors and ferritin in human erythroleukemic cell lines. FEBS Letters, 1985, 183, 223-227.	2.8	13
46	Autocrine regulation of terminal differentiation by interleukin-6 in the pluripotent KU812 cell line. Biochemical and Biophysical Research Communications, 1990, 169, 184-191.	2.1	13
47	Deciphering Tumor Niches: Lessons From Solid and Hematological Malignancies. Frontiers in Immunology, 2021, 12, 766275.	4.8	13
48	Differentiation of U-937 human monocyte-like cell line by 1Î±,25-dihydroxyvitamin D3 or by retinoic acid. Experimental Cell Research, 1985, 157, 539-543.	2.6	12
49	Phenotypic and Functional Evidence for the Expression of CXCR4 Receptor During Megakaryocytopoiesis. Blood, 1999, 93, 1511-1523.	1.4	11
50	A new humanizedin vivomodel ofKITD816V+ advanced systemic mastocytosis monitored using a secreted luciferase. Oncotarget, 2016, 7, 82985-83000.	1.8	11
51	Specific modulation of surface receptors in J.774 macrophages by anchorage. Experimental Cell Research, 1987, 170, 290-299.	2.6	8
52	Wiskott-Aldrich syndrome protein-deficient hematopoietic cells can be efficiently mobilized by granulocyte colony-stimulating factor. Haematologica, 2013, 98, 1300-1308.	3.5	8
53	CABLES1 Deficiency Impairs Quiescence and Stress Responses of Hematopoietic Stem Cells in Intrinsic and Extrinsic Manners. Stem Cell Reports, 2019, 13, 274-290.	4.8	5
54	In vitro and in vivo efficacy of an anti-CD203c conjugated antibody (AGS-16C3F) in mouse models of advanced systemic mastocytosis. Blood Advances, 2019, 3, 633-643.	5.2	5

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55	p210BCR-ABL reprograms transformed and normal human megakaryocytic progenitor cells into erythroid cells and suppresses FLI-1 transcription. Leukemia, 2007, 21, 917-925.	7.2	4
56	Expression of CD94 byex vivo-differentiated NK cells correlates with thein vitroandin vivoacquisition of cytotoxic features. OncoImmunology, 2017, 6, e1346763.	4.6	4
57	The Thrombocytopenia of Wiskott Aldrich Syndrome Is Not Related to a Defect in Proplatelet Formation. Blood, 1999, 94, 509-518.	1.4	4
58	Endothelial and hematopoietic hPSCs differentiation via a hematoendothelial progenitor. Stem Cell Research and Therapy, 2022, 13, .	5.5	4
59	The Hematopoietic Reconstitution Defect of Mice Lacking CXCR4 Is Related to an Altered Retention of Hematopoietic Cells in the Bone Marrow.. Blood, 2004, 104, 120-120.	1.4	3
60	Aging of Bone Marrow Microenvironment Promotes Myeloid Bias of Hematopoietic Progenitors and Is a Target in Age-Related Myeloproliferative Neoplasms. Blood, 2018, 132, 3842-3842.	1.4	2
61	178 Radiation-induced up-regulation of CXCR4 is counteracted by association of irradiation with cidofovir. Radiotherapy and Oncology, 2006, 78, S61.	0.6	0
62	Metabolic Analysis of Mouse Hematopoietic Stem and Progenitor Cells. Methods in Molecular Biology, 2021, 2308, 107-115.	0.9	0
63	CXCR4 Invalidation Limits the MLL-ENL Induced Leucemogenesis in Vivo. Blood, 2012, 120, 4089-4089.	1.4	0
64	Abstract 3856: Therapeutic targeting of CXCR4 in NOG mice model of human acute myeloid leukemia.. , 2013, , .		0