

isabelle Petit

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

9,814
citations

136740

32
h-index

223531

46
g-index

53
all docs

53
docs citations

53
times ranked

9992
citing authors

#	ARTICLE	IF	CITATIONS
1	Dependence of Human Stem Cell Engraftment and Repopulation of NOD/SCID Mice on CXCR4. <i>Science</i> , 1999, 283, 845-848.	6.0	1,598
2	G-CSF induces stem cell mobilization by decreasing bone marrow SDF-1 and up-regulating CXCR4. <i>Nature Immunology</i> , 2002, 3, 687-694.	7.0	1,215
3	Current understanding of stem cell mobilization. <i>Experimental Hematology</i> , 2002, 30, 973-981.	0.2	734
4	The chemokine SDF-1 activates the integrins LFA-1, VLA-4, and VLA-5 on immature human CD34+ cells: role in transendothelial/stromal migration and engraftment of NOD/SCID mice. <i>Blood</i> , 2000, 95, 3289-3296.	0.6	685
5	Cytokine-mediated deployment of SDF-1 induces revascularization through recruitment of CXCR4+ hemangiocytes. <i>Nature Medicine</i> , 2006, 12, 557-567.	15.2	616
6	Engraftment and Reconstitution of Hematopoiesis Is Dependent on VEGFR2-Mediated Regeneration of Sinusoidal Endothelial Cells. <i>Cell Stem Cell</i> , 2009, 4, 263-274.	5.2	548
7	The SDF-1-CXCR4 signaling pathway: a molecular hub modulating neo-angiogenesis. <i>Trends in Immunology</i> , 2007, 28, 299-307.	2.9	518
8	Induction of the chemokine stromal-derived factor-1 following DNA damage improves human stem cell function. <i>Journal of Clinical Investigation</i> , 2000, 106, 1331-1339.	3.9	516
9	The chemokine SDF-1 stimulates integrin-mediated arrest of CD34+ cells on vascular endothelium under shear flow. <i>Journal of Clinical Investigation</i> , 1999, 104, 1199-1211.	3.9	479
10	CXCR4 Regulates Migration and Development of Human Acute Myelogenous Leukemia Stem Cells in Transplanted NOD/SCID Mice. <i>Cancer Research</i> , 2004, 64, 2817-2824.	0.4	322
11	Rapid and efficient homing of human CD34+CD38 ^{low} CXCR4+ stem and progenitor cells to the bone marrow and spleen of NOD/SCID and NOD/SCID/B2mnull mice. <i>Blood</i> , 2001, 97, 3283-3291.	0.6	283
12	Overexpression of CXCR4 on human CD34+ progenitors increases their proliferation, migration, and NOD/SCID repopulation. <i>Blood</i> , 2004, 103, 2942-2949.	0.6	219
13	Abnormal neuronal differentiation and mitochondrial dysfunction in hair follicle-derived induced pluripotent stem cells of schizophrenia patients. <i>Molecular Psychiatry</i> , 2013, 18, 1067-1076.	4.1	205
14	Stem Cell Mobilization. <i>Hematology American Society of Hematology Education Program</i> , 2003, 2003, 419-437.	0.9	186
15	Human CD34+CXCR4 ^{hi} sorted cells harbor intracellular CXCR4, which can be functionally expressed and provide NOD/SCID repopulation. <i>Blood</i> , 2002, 100, 2778-2786.	0.6	147
16	Atypical PKC- η regulates SDF-1-mediated migration and development of human CD34+ progenitor cells. <i>Journal of Clinical Investigation</i> , 2005, 115, 168-176.	3.9	127
17	Pluripotent Stem Cell Model Reveals Essential Roles for miR-450b and miR-184 in Embryonic Corneal Lineage Specification. <i>Stem Cells</i> , 2012, 30, 898-909.	1.4	115
18	Enhanced c-Met activity promotes G-CSF-induced mobilization of hematopoietic progenitor cells via ROS signaling. <i>Blood</i> , 2011, 117, 419-428.	0.6	114

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19	Thrombospondins deployed by thrombopoietic cells determine angiogenic switch and extent of revascularization. <i>Journal of Clinical Investigation</i> , 2006, 116, 3277-3291.	3.9	95
20	MT1-MMP and RECK are involved in human CD34+ progenitor cell retention, egress, and mobilization. <i>Journal of Clinical Investigation</i> , 2009, 119, 492-503.	3.9	94
21	The CXCR4 antagonist AMD3100 impairs survival of human AML cells and induces their differentiation. <i>Leukemia</i> , 2008, 22, 2151-2158.	3.3	93
22	cAMP-induced PKC ζ activation increases functional CXCR4 expression on human CD34+ hematopoietic progenitors. <i>Blood</i> , 2006, 107, 870-879.	0.6	82
23	CD45 regulates retention, motility, and numbers of hematopoietic progenitors, and affects osteoclast remodeling of metaphyseal trabeculae. <i>Journal of Experimental Medicine</i> , 2008, 205, 2381-2395.	4.2	78
24	TGF- β 1 enhances SDF-1 α -induced chemotaxis and homing of naive T cells by up-regulating CXCR4 expression and downstream cytoskeletal effector molecules. <i>European Journal of Immunology</i> , 2002, 32, 193-202.	1.6	71
25	Impaired epithelial differentiation of induced pluripotent stem cells from ectodermal dysplasia-related patients is rescued by the small compound APR-246/PRIMA-1 ^{MET} . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 2152-2156.	3.3	69
26	The microtubule-targeting agent CA4P regresses leukemic xenografts by disrupting interaction with vascular cells and mitochondrial-dependent cell death. <i>Blood</i> , 2008, 111, 1951-1961.	0.6	64
27	Induced pluripotent stem cells from hair follicles as a cellular model for neurodevelopmental disorders. <i>Stem Cell Research</i> , 2012, 8, 134-140.	0.3	64
28	Atypical PKC- ζ regulates SDF-1 α -mediated migration and development of human CD34+ progenitor cells. <i>Journal of Clinical Investigation</i> , 2005, 115, 168-176.	3.9	61
29	Functional CXCR4-Expressing Microparticles and SDF-1 Correlate with Circulating Acute Myelogenous Leukemia Cells. <i>Cancer Research</i> , 2006, 66, 11013-11020.	0.4	60
30	Can inhibition of the SDF-1/CXCR4 axis eradicate acute leukemia?. <i>Seminars in Cancer Biology</i> , 2010, 20, 178-185.	4.3	54
31	Extracellular Vesicles from Activated Dermal Fibroblasts Stimulate Hair Follicle Growth Through Dermal Papilla-Secreted Norrin. <i>Stem Cells</i> , 2019, 37, 1166-1175.	1.4	44
32	Modeling of Aniridia-Related Keratopathy by CRISPR/Cas9 Genome Editing of Human Limbal Epithelial Cells and Rescue by Recombinant PAX6 Protein. <i>Stem Cells</i> , 2018, 36, 1421-1429.	1.4	39
33	Motility, proliferation, and egress to the circulation of human AML cells are elastase dependent in NOD/SCID chimeric mice. <i>Blood</i> , 2005, 106, 2120-2127.	0.6	31
34	The chemokine SDF-1 activates the integrins LFA-1, VLA-4, and VLA-5 on immature human CD34+ cells: role in transendothelial/stromal migration and engraftment of NOD/SCID mice. <i>Blood</i> , 2000, 95, 3289-3296.	0.6	26
35	A novel family of slitrk genes is expressed on hematopoietic stem cells and leukemias. <i>Leukemia</i> , 2007, 21, 824-827.	3.3	21
36	Induced pluripotent stem cell-derived limbal epithelial cells (LiPSC) as a cellular alternative for in vitro ocular toxicity testing. <i>PLoS ONE</i> , 2017, 12, e0179913.	1.1	20

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37	An approach to understanding the mechanisms of poliovirus persistence in infected cells of neural or non-neural origin. <i>Clinical and Diagnostic Virology</i> , 1998, 9, 107-113.	1.8	19
38	Single-cell RNA-seq identifies a reversible mesodermal activation in abnormally specified epithelia of p63 EEC syndrome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 17361-17370.	3.3	19
39	<scp>RBM</scp>28, a protein deficient in <scp>ANE</scp> syndrome, regulates hair follicle growth via miRâ€203 and p63. <i>Experimental Dermatology</i> , 2015, 24, 618-622.	1.4	17
40	Correlation between CXCR4 and Homing or Engraftment of Acute Myelogenous Leukemia. <i>Cancer Research</i> , 2004, 64, 6832-6833.	0.4	16
41	Cycling G1 CD34+/CD38+Cells Potentiate the Motility and Engraftment of Quiescent G0 CD34+/CD38â~/lowSevere Combined Immunodeficiency Repopulating Cells. <i>Stem Cells</i> , 2005, 23, 561-574.	1.4	16
42	Does N-Cadherin Regulate Interaction of Hematopoietic Stem Cells with Their Niches?. <i>Cell Stem Cell</i> , 2007, 1, 127-129.	5.2	12
43	Membrane Type 1-Matrix Metalloproteinase Is Directly Involved in G-CSF Induced Human Hematopoietic Stem and Progenitor Cell Mobilization.. <i>Blood</i> , 2004, 104, 2675-2675.	0.6	7
44	Quantitative Ubiquitylome Analysis Reveals the Specificity of RNF111/Arkadia E3 Ubiquitin Ligase for its Degradative Substrates SKI and SKL/SnoN in TGF-Î² Signaling Pathway. <i>Molecular and Cellular Proteomics</i> , 2021, 20, 100173.	2.5	7
45	The GEF Lsc Regulates Hematopoietic Stem Cell Motility, Mobilization and Recruitment.. <i>Blood</i> , 2006, 108, 1346-1346.	0.6	3
46	Purification of Extracellular Microvesicles Secreted by Dermal Fibroblasts. <i>Methods in Molecular Biology</i> , 2020, 2154, 63-72.	0.4	2
47	PD1/PD-L1 dependent immunosuppression by huiPS-derived cell population. <i>Journal of Translational Medicine</i> , 2011, 9, P31.	1.8	0
48	Motility, Proliferation and Egress of Human AML Cells in Transplanted NOD/SCID Mice Are Regulated by Membrane Bound and Secreted Elastase.. <i>Blood</i> , 2004, 104, 3379-3379.	0.6	0
49	The Tyrosine Kinase c-Met Is Selectively Expressed on Motile Hematopoietic Progenitors Following G-CSF Administration and Promotes Mobilization by Regulating Stem Cell Niche Components.. <i>Blood</i> , 2006, 108, 3376-3376.	0.6	0
50	MT1-MMP and RECK Inversely Regulate Hematopoietic Progenitor Cell Egress.. <i>Blood</i> , 2007, 110, 1259-1259.	0.6	0
51	The CXCR4 Antagonist AMD3100 Impairs Survival of AML Cells and Induces Their Differentiation.. <i>Blood</i> , 2008, 112, 1621-1621.	0.6	0
52	Pluripotent stem cells as a cellular model for skin: relevance for physiopathology, cell/gene therapy and drug screening. <i>European Journal of Dermatology</i> , 2015, 25, 12-17.	0.3	0