

# Paul-henri Romeo

## List of Publications by Year in descending order

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104  
papers

6,106  
citations

57752

44  
h-index

71682

76  
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111  
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111  
docs citations

111  
times ranked

6771  
citing authors

#	ARTICLE	IF	CITATIONS
1	Megakaryocytic and erythrocytic lineages share specific transcription factors. <i>Nature</i> , 1990, 344, 447-449.	27.8	445
2	Alternative transcription and splicing of the human porphobilinogen deaminase gene result either in tissue-specific or in housekeeping expression.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1988, 85, 6-10.	7.1	328
3	Two tissue-specific factors bind the erythroid promoter of the human porphobilinogen deaminase gene. <i>Nucleic Acids Research</i> , 1989, 17, 37-54.	14.5	319
4	A neuronal receptor, neuropilin-1, is essential for the initiation of the primary immune response. <i>Nature Immunology</i> , 2002, 3, 477-482.	14.5	294
5	Cis- and trans-acting elements involved in the regulation of the erythroid promoter of the human porphobilinogen deaminase gene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1989, 86, 6548-6552.	7.1	271
6	Ex vivo expansion of human hematopoietic stem cells by direct delivery of the HOXB4 homeoprotein. <i>Nature Medicine</i> , 2003, 9, 1423-1427.	30.7	254
7	Progenitors from the central nervous system drive neurogenesis in cancer. <i>Nature</i> , 2019, 569, 672-678.	27.8	188
8	NOTCH is a key regulator of human T-cell acute leukemia initiating cell activity. <i>Blood</i> , 2009, 113, 1730-1740.	1.4	150
9	Molecular cloning and complete primary sequence of human erythrocyte porphobilinogen deaminase. <i>Nucleic Acids Research</i> , 1986, 14, 5955-5968.	14.5	137
10	ETO2 coordinates cellular proliferation and differentiation during erythropoiesis. <i>EMBO Journal</i> , 2006, 25, 357-366.	7.8	126
11	In vivo cellular imaging pinpoints the role of reactive oxygen species in the early steps of adult hematopoietic reconstitution. <i>Blood</i> , 2010, 115, 443-452.	1.4	118
12	Tissue-specific splicing mutation in acute intermittent porphyria.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1989, 86, 661-664.	7.1	114
13	Erythroblasts are a source of angiogenic factors. <i>Blood</i> , 2001, 97, 1968-1974.	1.4	99
14	RelA repression of RelB activity induces selective gene activation downstream of TNF receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 14635-14640.	7.1	97
15	Structure and Transcription of the Human c-mpl Gene (MPL). <i>Genomics</i> , 1994, 20, 5-12.	2.9	96
16	Pathophysiology of sickle cell disease is mirrored by the red blood cell metabolome. <i>Blood</i> , 2011, 117, e57-e66.	1.4	96
17	Probing the energetics of proteins through structural perturbation: sites of regulatory energy in human hemoglobin.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1982, 79, 1849-1853.	7.1	93
18	Impaired Antibody Affinity Maturation Process Characterizes a Subset of Patients with Common Variable Immunodeficiency. <i>Journal of Immunology</i> , 2000, 165, 4725-4730.	0.8	75

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19	Structure and Expression of the Human GATA3 Gene. <i>Genomics</i> , 1994, 21, 1-6.	2.9	74
20	TGF $\beta$ 2 signaling in male germ cells regulates gonocyte quiescence and fertility in mice. <i>Developmental Biology</i> , 2010, 342, 74-84.	2.0	74
21	p45 NF-E2 regulates expression of thromboxane synthase in megakaryocytes. <i>EMBO Journal</i> , 1997, 16, 5654-5661.	7.8	73
22	T-cell Expression of the Human GATA-3 Gene Is Regulated by a Non-lineage-specific Silencer. <i>Journal of Biological Chemistry</i> , 1999, 274, 6567-6578.	3.4	72
23	Molecular analysis of acute intermittent porphyria in a Finnish family with normal erythrocyte porphobilinogen deaminase. <i>European Journal of Clinical Investigation</i> , 1989, 19, 415-418.	3.4	71
24	Transcription Factor SCL Is Required for c-kit Expression and c-Kit Function in Hemopoietic Cells. <i>Journal of Experimental Medicine</i> , 1998, 188, 439-450.	8.5	71
25	Low-Dose Irradiation Promotes Persistent Oxidative Stress and Decreases Self-Renewal in Hematopoietic Stem Cells. <i>Cell Reports</i> , 2017, 20, 3199-3211.	6.4	69
26	Dendritic Cells Can Turn CD4+ T Lymphocytes into Vascular Endothelial Growth Factor-Carrying Cells by Intercellular Neuropilin-1 Transfer. <i>Journal of Immunology</i> , 2006, 177, 1460-1469.	0.8	66
27	Ultra-high-dose-rate FLASH and Conventional-Dose-Rate Irradiation Differentially Affect Human Acute Lymphoblastic Leukemia and Normal Hematopoiesis. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 109, 819-829.	0.8	66
28	Direct Binding of pRb/E2F-2 to GATA-1 Regulates Maturation and Terminal Cell Division during Erythropoiesis. <i>PLoS Biology</i> , 2009, 7, e1000123.	5.6	64
29	Regulation of embryonic/fetal globin genes by nuclear hormone receptors: a novel perspective on hemoglobin switching. <i>EMBO Journal</i> , 1999, 18, 687-697.	7.8	63
30	NKX3.1 is a direct TAL1 target gene that mediates proliferation of TAL1-expressing human T cell acute lymphoblastic leukemia. <i>Journal of Experimental Medicine</i> , 2010, 207, 2141-2156.	8.5	63
31	Structure of the gene for human uroporphyrinogen decarboxylase. <i>Nucleic Acids Research</i> , 1987, 15, 7343-7356.	14.5	62
32	Initiation of transcription of the erythroid promoter of the porphobilinogen deaminase gene is regulated by acis-acting sequence around the cap site. <i>Nucleic Acids Research</i> , 1990, 18, 6509-6515.	14.5	62
33	Generation of long read-through transcripts in vivo and in vitro by deletion of 3' termination and processing sequences in the human tRNA <sup>met</sup> gene. <i>Nucleic Acids Research</i> , 1984, 12, 1101-1115.	14.5	61
34	Interleukin 4-induced gene 1 is activated in primary mediastinal large B-cell lymphoma. <i>Blood</i> , 2003, 101, 2756-2761.	1.4	61
35	Interleukin-13 Gene Expression Is Regulated by GATA-3 in T Cells. <i>Journal of Biological Chemistry</i> , 2002, 277, 18313-18321.	3.4	60
36	Phosphatidylinositol 3-Kinase/Akt Induced by Erythropoietin Renders the Erythroid Differentiation Factor GATA-1 Competent for TIMP-1 Gene Transactivation. <i>Molecular and Cellular Biology</i> , 2005, 25, 7412-7422.	2.3	60

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37	Expression of CD34 and CD7 on human T-cell acute lymphoblastic leukemia discriminates functionally heterogeneous cell populations. <i>Leukemia</i> , 2011, 25, 1249-1258.	7.2	58
38	Phagocytosis of Wnt inhibitor SFRP4 by late wound macrophages drives chronic Wnt activity for fibrotic skin healing. <i>Science Advances</i> , 2020, 6, eaay3704.	10.3	58
39	Death receptor pathways mediate targeted and non-targeted effects of ionizing radiations in breast cancer cells. <i>Carcinogenesis</i> , 2009, 30, 432-439.	2.8	56
40	Low SCL/TAL1 expression reveals its major role in adult hematopoietic myeloid progenitors and stem cells. <i>Blood</i> , 2006, 108, 2998-3004.	1.4	53
41	Chromatin immunoselection defines a TAL-1 target gene. <i>EMBO Journal</i> , 1998, 17, 5151-5160.	7.8	52
42	Keap1-Nrf2 system regulates cell fate determination of hematopoietic stem cells. <i>Genes To Cells</i> , 2014, 19, 239-253.	1.2	51
43	Resveratrol, a natural dietary phytoalexin, possesses similar properties to hydroxyurea towards erythroid differentiation. <i>British Journal of Haematology</i> , 2001, 113, 500-507.	2.5	49
44	NRF2 Activation Impairs Quiescence and Bone Marrow Reconstitution Capacity of Hematopoietic Stem Cells. <i>Molecular and Cellular Biology</i> , 2017, 37, .	2.3	49
45	Human Immune Associated Nucleotide 1: a member of a new guanosine triphosphatase family expressed in resting T and B cells. <i>Blood</i> , 2002, 99, 3293-3301.	1.4	48
46	SCL/TAL1 expression level regulates human hematopoietic stem cell self-renewal and engraftment. <i>Blood</i> , 2005, 106, 2318-2328.	1.4	45
47	Characterization of DNA-binding-dependent and -independent functions of SCL/TAL1 during human erythropoiesis. <i>Blood</i> , 2004, 103, 3326-3335.	1.4	44
48	Neuropilin-1 in the Immune System. <i>Advances in Experimental Medicine and Biology</i> , 2002, 515, 49-54.	1.6	43
49	TRIM33 switches off <i>lfnb1</i> gene transcription during the late phase of macrophage activation. <i>Nature Communications</i> , 2015, 6, 8900.	12.8	42
50	Adult Hematopoiesis is Regulated by TIF1 $\beta$ , a Repressor of TAL1 and PU.1 Transcriptional Activity. <i>Cell Stem Cell</i> , 2011, 8, 412-425.	11.1	41
51	Identification of a new mutation responsible for hepatoerythropoietic porphyria. <i>European Journal of Clinical Investigation</i> , 1991, 21, 225-229.	3.4	40
52	Identification of a novel cDNA, encoding a cytoskeletal associated protein, differentially expressed in diffuse large B cell lymphomas. <i>Oncogene</i> , 1998, 17, 1245-1251.	5.9	38
53	Neuropilin 1 and CD25 co-regulation during early murine thymic differentiation. <i>Developmental and Comparative Immunology</i> , 2007, 31, 1082-1094.	2.3	38
54	Thrombopoietin regulates IEX-1 gene expression through ERK-induced AML1 phosphorylation. <i>Blood</i> , 2006, 107, 3106-3113.	1.4	37

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55	Impaired mesenchymal stem cell differentiation and osteoclastogenesis in mice deficient for <i>Igf2-P2</i> transcripts. <i>Development (Cambridge)</i> , 2011, 138, 203-213.	2.5	35
56	Erythroid regulatory elements. <i>Stem Cells</i> , 1993, 11, 95-104.	3.2	34
57	Alterations of red blood cell metabolome in overhydrated hereditary stomatocytosis. <i>Haematologica</i> , 2011, 96, 1861-1865.	3.5	32
58	Macrophage production and activation are dependent on TRIM33. <i>Oncotarget</i> , 2017, 8, 5111-5122.	1.8	32
59	Exploration of the functional hierarchy of the basal layer of human epidermis at the single-cell level using parallel clonal microcultures of keratinocytes. <i>Experimental Dermatology</i> , 2010, 19, 387-392.	2.9	30
60	Rat uroporphyrinogen decarboxylase cDNA: nucleotide sequence and comparison to human uroporphyrinogen decarboxylase. <i>Nucleic Acids Research</i> , 1987, 15, 7211-7211.	14.5	27
61	Metabolomics for rheumatic diseases: has the time come?. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, 1325-1326.	0.9	27
62	Molecular cloning of a cDNA sequence complementary to porphobilinogen deaminase mRNA from rat.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1984, 81, 5036-5040.	7.1	26
63	Assignment of human uroporphyrinogen decarboxylase (URO-D) to the p34 band of chromosome 1. <i>Human Genetics</i> , 1986, 73, 277-279.	3.8	26
64	The cancer chemopreventive agent resveratrol induces tensin, a cell-matrix adhesion protein with signaling and antitumor activities. <i>Oncogene</i> , 2005, 24, 3274-3284.	5.9	26
65	Isolation and identification of a cDNA clone coding for rat uroporphyrinogen decarboxylase.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1984, 81, 3346-3350.	7.1	25
66	KLF4 inhibition promotes the expansion of keratinocyte precursors from adult human skin and of embryonic-stem-cell-derived keratinocytes. <i>Nature Biomedical Engineering</i> , 2019, 3, 985-997.	22.5	25
67	Molecular analysis of uroporphyrinogen decarboxylase deficiency in a family with two cases of hepatoerythropoietic porphyria.. <i>Journal of Clinical Investigation</i> , 1986, 77, 431-435.	8.2	24
68	<i>Gfi-1B</i> Promoter Remains Associated with Active Chromatin Marks Throughout Erythroid Differentiation of Human Primary Progenitor Cells. <i>Stem Cells</i> , 2009, 27, 2153-2162.	3.2	23
69	Human CD3 <sup>+</sup> CD16 <sup>+</sup> natural killer cells express the hGATA-3 T cell transcription factor and an unrearranged 2.3-kb TcR $\beta$ transcript. <i>European Journal of Immunology</i> , 1993, 23, 1083-1087.	2.9	22
70	Association Analysis Indicates That a Variant GATA-Binding Site in the <i>PIK3CB</i> Promoter Is a Cis-Acting Expression Quantitative Trait Locus for This Gene and Attenuates Insulin Resistance in Obese Children. <i>Diabetes</i> , 2008, 57, 494-502.	0.6	21
71	Impaired functionality and homing of Fancg-deficient hematopoietic stem cells. <i>Human Molecular Genetics</i> , 2012, 21, 121-135.	2.9	21
72	Molecular Characterization of a Novel Gene Family (PHTF) Conserved from Drosophila To Mammals. <i>Genomics</i> , 2000, 64, 216-220.	2.9	20

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73	Ectopic expression of TAL-1 protein in Ly-6E.1-hTAL-1 transgenic mice induces defects in B- and T-lymphoid differentiation. <i>Blood</i> , 2002, 100, 491-500.	1.4	19
74	Heparan sulfate mimetics can efficiently mobilize long-term hematopoietic stem cells. <i>Haematologica</i> , 2012, 97, 491-499.	3.5	19
75	Spermatogonial stem cells and progenitors are refractory to reprogramming to pluripotency by the transcription factors <i>Oct3/4</i> , <i>c-Myc</i> , <i>Sox2</i> and <i>Klf4</i> . <i>Oncotarget</i> , 2017, 8, 10050-10063.	1.8	19
76	Structure of the 5' flanking region of the gene encoding human glycoporphin A and analysis of its multiple transcripts. <i>Gene</i> , 1989, 85, 471-477.	2.2	18
77	Metabolomic analysis of normal and sickle cell erythrocytes. <i>Transfusion Clinique Et Biologique</i> , 2010, 17, 148-150.	0.4	18
78	CCACC-binding or simian-virus-40-protein-1-binding proteins cooperate with human GATA-1 to direct erythroid-specific transcription and to mediate 5' hypersensitive site 2 sensitivity of a TATA-less promoter. <i>FEBS Journal</i> , 1993, 212, 763-770.	0.2	16
79	TNFSF10/TRAIL regulates human T4 effector memory lymphocyte radiosensitivity and predicts radiation-induced acute and subacute dermatitis. <i>Oncotarget</i> , 2016, 7, 21416-21427.	1.8	16
80	Hematopoietic stem and progenitor cell responses to low radiation doses – implications for leukemia risk. <i>International Journal of Radiation Biology</i> , 2019, 95, 892-899.	1.8	14
81	Mutant hemoglobin stability depends upon location and nature of single point mutation. <i>FEBS Letters</i> , 1984, 169, 147-150.	2.8	12
82	Forced expression of p21 in GPIIb-p21 transgenic mice induces abnormalities in the proliferation of erythroid and megakaryocyte progenitors and primitive hematopoietic cells. <i>Experimental Hematology</i> , 2002, 30, 1263-1272.	0.4	11
83	Large Scale RNAi Screen Reveals That the Inhibitor of DNA Binding 2 (ID2) Protein Is Repressed by p53 Family Member p63 and Functions in Human Keratinocyte Differentiation. <i>Journal of Biological Chemistry</i> , 2011, 286, 20870-20879.	3.4	10
84	A kinome-targeted RNAi-based screen links FGF signaling to H2AX phosphorylation in response to radiation. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 3559-3573.	5.4	10
85	Bio-engineered and native red blood cells from cord blood exhibit the same metabolomic profile. <i>Haematologica</i> , 2016, 101, e220-e222.	3.5	10
86	TRIM33 deficiency in monocytes and macrophages impairs resolution of colonic inflammation. <i>EBioMedicine</i> , 2019, 44, 60-70.	6.1	10
87	Piezo1-erythrocytosis red cell metabolome shows impaired glycolysis and increased hemoglobin oxygen affinity. <i>Blood Advances</i> , 2021, 5, 84-88.	5.2	10
88	Cell-free translation of messenger RNA for human bisphospho-glyceromutase. <i>Biochemical and Biophysical Research Communications</i> , 1984, 120, 441-447.	2.1	9
89	PHTF, A Novel Atypical Homeobox Gene on Chromosome 1p13, Is Evolutionarily Conserved. <i>Genomics</i> , 1999, 59, 108-109.	2.9	8
90	Interplay between FACT subunit SPT16 and TRIM33 can remodel chromatin at macrophage distal regulatory elements. <i>Epigenetics and Chromatin</i> , 2019, 12, 46.	3.9	7

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91	Polydom: a secreted protein with pentraxin, complement control protein, epidermal growth factor and von Willebrand factor A domains. <i>Biochemical Journal</i> , 2000, 352, 49.	3.7	6
92	Kinetics of subunit dissociation of partially oxygenated hemoglobin determined by haptoglobin binding. <i>Biochemical and Biophysical Research Communications</i> , 1982, 105, 1354-1360.	2.1	4
93	Cloning and sequencing of mRNAs coding for two adult $\hat{\alpha}$ globin chains of the salamander <i>Pleurodeles waltlii</i> . <i>Gene</i> , 1986, 42, 159-168.	2.2	4
94	Tritium contamination of hematopoietic stem cells alters long-term hematopoietic reconstitution. <i>International Journal of Radiation Biology</i> , 2011, 87, 556-570.	1.8	3
95	MLL-ENL leukemia burden initiated in femoral diaphysis and preceded by mature B-cell depletion. <i>Haematologica</i> , 2011, 96, 1770-1778.	3.5	3
96	A genetic variant controls interferon- $\hat{2}$ gene expression in human myeloid cells by preventing C/EBP- $\hat{2}$ binding on a conserved enhancer. <i>PLoS Genetics</i> , 2020, 16, e1009090.	3.5	3
97	Cell-free translation of human uroporphyrinogen decarboxylase mRNAs. <i>Biochemical and Biophysical Research Communications</i> , 1984, 118, 378-382.	2.1	2
98	A13C-NMR study of mutant hemoglobins with altered oxygen affinity. <i>FEBS Letters</i> , 1986, 202, 337-339.	2.8	2
99	Rat uroporphyrinogen decarboxylase cDNA: nucleotide sequence and comparison to human uroporphyrinogen decarboxylase. <i>Nucleic Acids Research</i> , 1987, 15, 5487-5487.	14.5	2
100	Familial Porphyria Cutanea Tarda: Hybridization Analysis of the Uroporphyrinogen Decarboxylase Locus. <i>Human Heredity</i> , 1988, 38, 283-286.	0.8	2
101	Deleterious effect of bone marrow-resident macrophages on hematopoietic stem cells in response to total body irradiation. <i>Blood Advances</i> , 2022, 6, 1766-1779.	5.2	2
102	Very low doses of $\hat{3}$ -radiation lead to long term defects of hematopoietic stem cells functions. <i>Experimental Hematology</i> , 2014, 42, S53.	0.4	0
103	DESIGN AND FUNCTIONALITIES OF THE MADOR <sup>®</sup> SOFTWARE SUITE FOR DOSE-REDUCTION MANAGEMENT AFTER DTPA THERAPY. <i>Radiation Protection Dosimetry</i> , 2016, 168, ncv348.	0.8	0
104	Impaired mesenchymal stem cells differentiation and osteoclastogenesis in mice deficient for <i>lgf2-P2</i> transcripts. <i>Journal of Cell Science</i> , 2011, 124, e1-e1.	2.0	0