

# Kevin Rouault-Pierre

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

935  
citations

687363

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h-index

580821

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g-index

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docs citations

33  
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Acquired somatic variants in inherited myeloid malignancies. <i>Leukemia</i> , 2022, 36, 1377-1381.	7.2	8
2	Targeting the lysine-specific demethylase 1 rewires kinase networks and primes leukemia cells for kinase inhibitor treatment. <i>Science Signaling</i> , 2022, 15, eabl7989.	3.6	15
3	ER Stress and Unfolded Protein Response in Leukemia: Friend, Foe, or Both?. <i>Biomolecules</i> , 2021, 11, 199.	4.0	22
4	Loss of tRNA-modifying enzyme Elp3 activates a p53-dependent antitumor checkpoint in hematopoiesis. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	14
5	Splicing Factor Mutations and Disease Phenotype: Searching for a Needle in a Haystack. <i>HemaSphere</i> , 2021, 5, e587.	2.7	1
6	Ectopic Humanized Mesenchymal Niche in Mice Enables Robust Engraftment of Myelodysplastic Stem Cells. <i>Blood Cancer Discovery</i> , 2021, 2, 135-145.	5.0	21
7	Multiomic Single-Cell Sequencing Reveals Patterns of Disease Evolution and Acute Transformation in Chronic Myelomonocytic Leukaemia. <i>Blood</i> , 2021, 138, 2586-2586.	1.4	0
8	Mannose Metabolism Is a Metabolic Vulnerability Unveiled By Standard and Novel Therapies in Acute Myeloid Leukemia. <i>Blood</i> , 2021, 138, 508-508.	1.4	1
9	Despite mutation acquisition in hematopoietic stem cells, JMML-propagating cells are not always restricted to this compartment. <i>Leukemia</i> , 2020, 34, 1658-1668.	7.2	14
10	Translational Regulations in Response to Endoplasmic Reticulum Stress in Cancers. <i>Cells</i> , 2020, 9, 540.	4.1	38
11	Mesenchymal niche remodeling impairs hematopoiesis via stanniocalcin 1 in acute myeloid leukemia. <i>Journal of Clinical Investigation</i> , 2020, 130, 3038-3050.	8.2	48
12	Integration of Deep Multi-Omics Profiling Veals New Insights into the Biology of Poor-Risk Acute Myeloid Leukemia. <i>Blood</i> , 2020, 136, 39-40.	1.4	0
13	CRISPR/Cas9-Targeted De Novo DNA Methylation Is Maintained and Impacts the Colony Forming Potential of Human Hematopoietic CD34+ Cells. <i>Blood</i> , 2019, 134, 2517-2517.	1.4	1
14	Modeling the human bone marrow niche in mice: From host bone marrow engraftment to bioengineering approaches. <i>Journal of Experimental Medicine</i> , 2018, 215, 729-743.	8.5	91
15	c-Fos induces chondrogenic tumor formation in immortalized human mesenchymal progenitor cells. <i>Scientific Reports</i> , 2018, 8, 15615.	3.3	12
16	Myelodysplastic syndrome can propagate from the multipotent progenitor compartment. <i>Haematologica</i> , 2017, 102, e7-e10.	3.5	14
17	Increased Vascular Permeability in the Bone Marrow Microenvironment Contributes to Disease Progression and Drug Response in Acute Myeloid Leukemia. <i>Cancer Cell</i> , 2017, 32, 324-341.e6.	16.8	179
18	Adaptive from Innate: Human IFN- $\gamma$ +CD4+ T Cells Can Arise Directly from CXCL8-Producing Recent Thymic Emigrants in Babies and Adults. <i>Journal of Immunology</i> , 2017, 199, 1696-1705.	0.8	27

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19	The combination of CHK1 inhibitor with G-CSF overrides cytarabine resistance in human acute myeloid leukemia. <i>Nature Communications</i> , 2017, 8, 1679.	12.8	36
20	Nuclear Factor Erythroid 2 Regulates Human HSC Self-Renewal and T Cell Differentiation by Preventing NOTCH1 Activation. <i>Stem Cell Reports</i> , 2017, 9, 5-11.	4.8	14
21	Effect of hypoxia-inducible factors in normal and leukemic stem cell regulation and their potential therapeutic impact. <i>Expert Opinion on Biological Therapy</i> , 2016, 16, 463-476.	3.1	24
22	Increased Vascular Permeability in the Bone Marrow Microenvironment Contributes to Acute Myeloid Leukemia Progression and Drug Response. <i>Blood</i> , 2016, 128, 2662-2662.	1.4	2
23	Different Motile Behaviors of Human Hematopoietic Stem versus Progenitor Cells at the Osteoblastic Niche. <i>Stem Cell Reports</i> , 2015, 5, 690-701.	4.8	21
24	SF3B1 mutant MDS-initiating cells may arise from the haematopoietic stem cell compartment. <i>Nature Communications</i> , 2015, 6, 10004.	12.8	68
25	A Niche-Like Culture System Allowing the Maintenance of Primary Human Acute Myeloid Leukemia-Initiating Cells: A New Tool to Decipher Their Chemoresistance and Self-Renewal Mechanisms. <i>Stem Cells Translational Medicine</i> , 2014, 3, 520-529.	3.3	95
26	HIF-2 $\alpha$ Protects Human Hematopoietic Stem/Progenitors and Acute Myeloid Leukemic Cells from Apoptosis Induced by Endoplasmic Reticulum Stress. <i>Cell Stem Cell</i> , 2013, 13, 549-563.	11.1	163
27	SF3B1 Mutant Clones From Patients With Refractory Anaemia With Ringed Sideroblasts (RARS) Originate From The Early Haematopoietic Stem Cells and Maintain Their Engraftment Potential. <i>Blood</i> , 2013, 122, 262-262.	1.4	0
28	Chimeric Antigen Receptor for Specific Targeting of Acute Myeloid Leukemia. <i>Blood</i> , 2012, 120, 4225-4225.	1.4	0
29	A dual role for the RNA helicase DHX34 in NMD and pre-mRNA splicing and its function in hematopoietic differentiation. <i>Rna</i> , 0, , rna.079277.122.	3.5	4