Jose Hbert

List of Publications by Citations

76 papers	2,336 citations	26 h-index	47 g-index
83 ext. papers	2,960 ext. citations	8.2 avg, IF	4.46 L-index

#	Paper	IF	Citations
76	Tumor suppressor and deubiquitinase BAP1 promotes DNA double-strand break repair. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 285-90	11.5	228
75	A key role for EZH2 and associated genes in mouse and human adult T-cell acute leukemia. *Genes and Development*, **2012**, 26, 651-6	12.6	204
74	A mouse PRMT1 null allele defines an essential role for arginine methylation in genome maintenance and cell proliferation. *Molecular and Cellular Biology*, **2009**, 29, 2982-96	4.8	137
73	The transcriptomic landscape and directed chemical interrogation of MLL-rearranged acute myeloid leukemias. *Nature Genetics*, **2015**, 47, 1030-7	36.3	95
72	GPR56 identifies primary human acute myeloid leukemia cells with high repopulating potential in vivo. *Blood*, **2016**, 127, 2018-27	2.2	95
71	Modeling T-cell acute lymphoblastic leukemia induced by the SCL and LMO1 oncogenes. *Genes and Development*, **2010**, 24, 1093-105	12.6	88
70	Identification of small molecules that support human leukemia stem cell activity ex vivo. *Nature Methods*, **2014**, 11, 436-42	21.6	86
69	AML1-ETO requires enhanced C/D box snoRNA/RNP formation to induce self-renewal and leukaemia. *Nature Cell Biology*, **2017**, 19, 844-855	23.4	79
68	UTX inhibition as selective epigenetic therapy against TAL1-driven T-cell acute lymphoblastic leukemia. *Genes and Development*, **2016**, 30, 508-21	12.6	77
67	Mubritinib Targets the Electron Transport Chain Complex I and Reveals the Landscape of OXPHOS Dependency in Acute Myeloid Leukemia. *Cancer Cell*, **2019**, 36, 84-99.e8	24.3	75
66	Essential role of BRG, the ATPase subunit of BAF chromatin remodeling complexes, in leukemia maintenance. *Blood*, **2014**, 123, 1720-8	2.2	72
65	A role for GPx3 in activity of normal and leukemia stem cells. *Journal of Experimental Medicine*, **2012**, 209, 895-901	16.6	70
64	An anticlastogenic function for the Polycomb Group gene Bmi1. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 5284-9	11.5	56
63	Chemo-genomic interrogation of CEBPA mutated AML reveals recurrent CSF3R mutations and subgroup sensitivity to JAK inhibitors. *Blood*, **2016**, 127, 3054-61	2.2	55
62	The MRE11 GAR motif regulates DNA double-strand break processing and ATR activation. *Cell Research*, **2012**, 22, 305-20	24.7	55
61	RNA-sequencing analysis of core binding factor AML identifies recurrent ZBTB7A mutations and defines RUNX1-CBFA2T3 fusion signature. *Blood*, **2016**, 127, 2498-501	2.2	46
60	SCL, LMO1 and Notch1 reprogram thymocytes into self-renewing cells. *PLoS Genetics*, **2014**, 10, e1004768	8	46

59	RNA-seq analysis of 2 closely related leukemia clones that differ in their self-renewal capacity. *Blood*, **2011**, 117, e27-38	2.2	46
58	Expression of immunoproteasome genes is regulated by cell-intrinsic and -extrinsic factors in human cancers. *Scientific Reports*, **2016**, 6, 34019	4.9	45
57	EVI1-rearranged acute myeloid leukemias are characterized by distinct molecular alterations. *Blood* , **2015**, 125, 140-3	2.2	43
56	mutations promote context-dependent transformation in acute myeloid leukemia with alterations. *Blood*, **2017**, 130, 2204-2214	2.2	38
55	MEF2C Phosphorylation Is Required for Chemotherapy Resistance in Acute Myeloid Leukemia. *Cancer Discovery*, **2018**, 8, 478-497	24.4	37
54	RNA-Seq reveals spliceosome and proteasome genes as most consistent transcripts in human cancer cells. *PLoS ONE*, **2013**, 8, e72884	3.7	36
53	Adhesion GPCRs in Regulating Immune Responses and Inflammation. *Advances in Immunology*, **2017** , 136, 163-201	5.6	32
52	High-throughput screening in niche-based assay identifies compounds to target preleukemic stem cells. *Journal of Clinical Investigation*, **2016**, 126, 4569-4584	15.9	30
51	Quantitative expression profiling guided by common retroviral insertion sites reveals novel and cell type specific cancer genes in leukemia. *Blood*, **2008**, 111, 790-9	2.2	29
50	Chemogenomic Landscape of -mutated AML Reveals Importance of Allele Dosage in Genetics and Glucocorticoid Sensitivity. *Clinical Cancer Research*, **2017**, 23, 6969-6981	12.9	26
49	Genetic characterization of ABT-199 sensitivity in human AML. *Leukemia*, **2020**, 34, 63-74	10.7	26
48	GFI1 facilitates efficient DNA repair by regulating PRMT1 dependent methylation of MRE11 and 53BP1. *Nature Communications*, **2018**, 9, 1418	17.4	25
47	UBAP2L is a novel BMI1-interacting protein essential for hematopoietic stem cell activity. *Blood*, **2014**, 124, 2362-9	2.2	24
46	Hepatic leukemia factor is a novel leukemic stem cell regulator in DNMT3A, NPM1, and FLT3-ITD triple-mutated AML. *Blood*, **2019**, 134, 263-276	2.2	23
45	High expression of HMGA2 independently predicts poor clinical outcomes in acute myeloid leukemia. *Blood Cancer Journal*, **2018**, 8, 68	7	23
44	The neuropeptide receptor calcitonin receptor-like (CALCRL) is a potential therapeutic target in acute myeloid leukemia. *Leukemia*, **2019**, 33, 2830-2841	10.7	19
43	High frequency of germline RUNX1 mutations in patients with RUNX1-mutated AML. *Blood*, **2020**, 135, 1882-1886	2.2	19
42	Individual telomere lengths in chronic myeloid leukemia. *Neoplasia*, **2009**, 11, 1146-54	6.4	19

41	Transcriptomic landscape of acute promyelocytic leukemia reveals aberrant surface expression of the platelet aggregation agonist Podoplanin. *Leukemia*, **2018**, 32, 1349-1357	10.7	17
40	Atypical acute myeloid leukemia-specific transcripts generate shared and immunogenic MHC class-I-associated epitopes. *Immunity*, **2021**, 54, 737-752.e10	32.3	17
39	Human models of NUP98-KDM5A megakaryocytic leukemia in mice contribute to uncovering new biomarkers and therapeutic vulnerabilities. *Blood Advances*, **2019**, 3, 3307-3321	7.8	15
38	The Adhesion G Protein-Coupled Receptor GPR97/ Is Expressed in Human Granulocytes and Triggers Antimicrobial Effector Functions. *Frontiers in Immunology*, **2018**, 9, 2830	8.4	15
37	Overexpression of PRDM16 in the presence and absence of the RUNX1/PRDM16 fusion gene in myeloid leukemias. *Genes Chromosomes and Cancer*, **2006**, 45, 1072-6	5	14
36	Complex karyotype AML displays G2/M signature and hypersensitivity to PLK1 inhibition. *Blood Advances*, **2019**, 3, 552-563	7.8	14
35	NUP98-BPTF gene fusion identified in primary refractory acute megakaryoblastic leukemia of infancy. *Genes Chromosomes and Cancer*, **2018**, 57, 311-319	5	13
34	Microhomologies and topoisomerase II consensus sequences identified near the breakpoint junctions of the recurrent t(7;21)(p22;q22) translocation in acute myeloid leukemia. *Genes Chromosomes and Cancer*, **2011**, 50, 228-38	5	13
33	MiSTIC, an integrated platform for the analysis of heterogeneity in large tumour transcriptome datasets. *Nucleic Acids Research*, **2017**, 45, e122	20.1	12
32	A retroviral strategy that efficiently creates chromosomal deletions in mammalian cells. *Nature Methods*, **2007**, 4, 263-8	21.6	12
31	Cryptic recurrent ACIN1-NUTM1 fusions in non-KMT2A-rearranged infant acute lymphoblastic leukemia. *Genes Chromosomes and Cancer*, **2020**, 59, 125-130	5	11
30	Chromosome arm-specific long telomeres: a new clonal event in primary chronic myelogenous leukemia cells. *Neoplasia*, **2011**, 13, 550-60	6.4	10
29	Presence of alternative lengthening of telomeres associated circular extrachromosome telomere repeats in primary leukemia cells of chronic myeloid leukemia. *Journal of Hematology and Oncology*, **2013**, 6, 26	22.4	8
28	Identification of a novel fusion gene involving RUNX1 and the antisense strand of SV2B in a BCR-ABL1-positive acute leukemia. *Genes Chromosomes and Cancer*, **2013**, 52, 1114-22	5	7
27	CLCA2, a novel RUNX1 partner gene in a therapy-related leukemia with t(1;21)(p22;q22). *Cancer Genetics and Cytogenetics*, **2010**, 202, 94-100		7
26	Nuclear remodeling of telomeres in chronic myeloid leukemia. *Genes Chromosomes and Cancer*, **2013**, 52, 495-502	5	6
25	Targeted variant detection using unaligned RNA-Seq reads. *Life Science Alliance*, **2019**, 2,	5.8	5
24	The uracil-DNA glycosylase UNG protects the fitness of normal and cancer B cells expressing AID. *NAR Cancer*, **2020**, 2, zcaa019	5.2	5

23	The genomic landscape of two Burkitt lymphoma cases and derived cell lines: comparison between primary and relapse samples. *Leukemia and Lymphoma*, **2018**, 59, 2159-2174	1.9	4
22	Genome-wide interrogation of Mammalian stem cell fate determinants by nested chromosome deletions. *PLoS Genetics*, **2010**, 6, e1001241	6	4
21	as a Cooperating Mutation in AML Arising in the Context of Shwachman-Diamond Syndrome. *Frontiers in Oncology*, **2019**, 9, 772	5.3	3
20	Identification of novel biomarkers for MLL-translocated acute myeloid leukemia. *Experimental Hematology*, **2017**, 56, 58-63	3.1	3
19	Transcriptome Analysis Reveals That G Protein-Coupled Receptors Are Potential Diagnostic Markers or Therapeutic Targets in Acute Myeloid Leukemia. *Blood*, **2015**, 126, 3855-3855	2.2	2
18	Target variant detection in leukemia using unaligned RNA-Seq reads		2
17	Reduced Intensity Conditioned Sibling Transplantation Versus No Transplant in Intermediate or High Risk Acute Myeloid Leukemia: A Prospective Multi-Center Study in Patients 50-70 Years in First Complete Remission and with at Least One Potential Sibling Donor (ClinTrialGov 00342316). *Blood*, **2018**, 132, 205-205	2.2	2
16	Epigenetic changes in human model KMT2A leukemias highlight early events during leukemogenesis. *Haematologica*, **2020**, Online ahead of print,	6.6	2
15	CDK7/12/13 inhibition targets an oscillating leukemia stem cell network and synergizes with venetoclax in acute myeloid leukemia.. *EMBO Molecular Medicine*, **2022**, e14990	12	2
14	Cost-Effectiveness Analysis of a HMGA2 Prognostic Test for Acute Myeloid Leukemia in a Canadian Setting. *Applied Health Economics and Health Policy*, **2019**, 17, 827-839	3.4	1
13	Genetic Characterization of ABT-199 Sensitivity in Human AML. *Blood*, **2018**, 132, 283-283	2.2	1
12	Deregulated Expression of Ubiquitin-Specific Peptidase Genes in Myeloid Leukemia. *Blood*, **2008**, 112, 4481-4481	2.2	1
11	Apoptotic Blocks in Primary Non-Hodgkin B Cell Lymphomas Identified by BH3 Profiling. *Cancers*, **2021**, 13,	6.6	1
10	Monoallelic Deletion Reduces the Requirement for NOTCH1 Hyperactivation in T-Cell Acute Lymphoblastic Leukemia.. *Frontiers in Immunology*, **2022**, 13, 867443	8.4	1
9	Legal and Ethical Considerations for the Design and Use of Web Portals for Researchers, Clinicians, and Patients: Scoping Literature Review. *Journal of Medical Internet Research*, **2021**, 23, e26450	7.6	0
8	Efficacy, Toxicity and Cost of Venetoclax-Based Combinations for the Treatment of Acute Myeloid Leukemia: Real-World Evidence from a Canadian Academic Center. *Blood*, **2021**, 138, 1253-1253	2.2	
7	Chemogenomic Approach Unveils the Increased Susceptibility of RUNX1-Mutated AML to Glucocorticoids. *Blood*, **2018**, 132, 4675-4675	2.2	
6	Apoptotic Blocks in Primary Non-Hodgkin B-Cell Lymphomas Identified By BH3 Profiling. *Blood*, **2018**, 132, 4126-4126	2.2	

5	The Novel Leukemia Stem Cell Marker GPR56 Discriminates Leukemic Subclones with Divergent Stem Cell Properties in Human Acute Myeloid Leukemia. *Blood*, **2015**, 126, 1859-1859	2.2
4	Targeting Pre-Leukemic Stem Cells in T-Acute Lymphoblastic Leukemia. *Blood*, **2016**, 128, 527-527	2.2
3	BMI1 Interacts with FANCD2 at DNA Lesions and Prevents Chromosome Breaks. *Blood*, **2008**, 112, 3099-3099	2.2
2	Ezh2 Is An Essential Regulator Of T-Cell Development and Oncogenic Transformation. *Blood*, **2013**, 122, 3729-3729	2.2
1	Human pluripotent stem cells identify molecular targets of trisomy 12 in chronic lymphocytic leukemia patients. *Cell Reports*, **2021**, 34, 108845	10.6