

# Liran I Shlush

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/4167412/liran-i-shlush-publications-by-citations.pdf>

**Version:** 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

57  
papers

2,751  
citations

18  
h-index

52  
g-index

63  
ext. papers

3,438  
ext. citations

10.4  
avg, IF

5.22  
L-index

#	Paper	IF	Citations
57	Identification of pre-leukaemic haematopoietic stem cells in acute leukaemia. <i>Nature</i> , <b>2014</b> , 506, 328-333	50.4	1011
56	Prediction of acute myeloid leukaemia risk in healthy individuals. <i>Nature</i> , <b>2018</b> , 559, 400-404	50.4	368
55	A renewed model of pancreatic cancer evolution based on genomic rearrangement patterns. <i>Nature</i> , <b>2016</b> , 538, 378-382	50.4	304
54	Tracing the origins of relapse in acute myeloid leukaemia to stem cells. <i>Nature</i> , <b>2017</b> , 547, 104-108	50.4	274
53	Age-related clonal hematopoiesis. <i>Blood</i> , <b>2018</b> , 131, 496-504	2.2	145
52	Potential Antigenic Cross-reactivity Between Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) and Dengue Viruses. <i>Clinical Infectious Diseases</i> , <b>2021</b> , 73, e2444-e2449	11.6	73
51	Small Molecules Co-targeting CKI and the Transcriptional Kinases CDK7/9 Control AML in Preclinical Models. <i>Cell</i> , <b>2018</b> , 175, 171-185.e25	56.2	68
50	Cell lineage analysis of acute leukemia relapse uncovers the role of replication-rate heterogeneity and microsatellite instability. <i>Blood</i> , <b>2012</b> , 120, 603-12	2.2	59
49	Colon stem cell and crypt dynamics exposed by cell lineage reconstruction. <i>PLoS Genetics</i> , <b>2011</b> , 7, e1002192	192	47
48	Absence of HIV-associated nephropathy in Ethiopians. <i>American Journal of Kidney Diseases</i> , <b>2006</b> , 47, 88-94	7.4	35
47	The Druze: a population genetic refugium of the Near East. <i>PLoS ONE</i> , <b>2008</b> , 3, e2105	3.7	31
46	Telomere elongation followed by telomere length reduction, in leukocytes from divers exposed to intense oxidative stress—implications for tissue and organismal aging. <i>Mechanisms of Ageing and Development</i> , <b>2011</b> , 132, 123-30	5.6	26
45	Connections Between Clonal Hematopoiesis, Cardiovascular Disease, and Cancer: A Review. <i>JAMA Cardiology</i> , <b>2019</b> , 4, 380-387	16.2	24
44	Aging, clonal hematopoiesis and preleukemia: not just bad luck?. <i>International Journal of Hematology</i> , <b>2015</b> , 102, 513-22	2.3	24
43	Quantitative digital in situ senescence-associated $\beta$ -galactosidase assay. <i>BMC Cell Biology</i> , <b>2011</b> , 12, 16		24
42	Molecular epidemiological analysis of the changing nature of a meningococcal outbreak following a vaccination campaign. <i>Journal of Clinical Microbiology</i> , <b>2002</b> , 40, 3565-71	9.7	23
41	Admixture mapping of end stage kidney disease genetic susceptibility using estimated mutual information ancestry informative markers. <i>BMC Medical Genomics</i> , <b>2010</b> , 3, 47	3.7	21

40	Preleukemia: the normal side of cancer. <i>Current Opinion in Hematology</i> , <b>2015</b> , 22, 77-84	3.3	19
39	Biological implications of clonal hematopoiesis. <i>Experimental Hematology</i> , <b>2019</b> , 77, 1-5	3.1	16
38	Single cell analysis exposes intratumor heterogeneity and suggests that FLT3-ITD is a late event in leukemogenesis. <i>Experimental Hematology</i> , <b>2014</b> , 42, 457-63	3.1	15
37	Ashkenazi Jewish centenarians do not demonstrate enrichment in mitochondrial haplogroup J. <i>PLoS ONE</i> , <b>2008</b> , 3, e3425	3.7	15
36	AML evolution from preleukemia to leukemia and relapse. <i>Best Practice and Research in Clinical Haematology</i> , <b>2015</b> , 28, 81-9	4.2	14
35	Evolutionary trajectory of leukemic clones and its clinical implications. <i>Haematologica</i> , <b>2019</b> , 104, 872-880.6	3.6	13
34	SMYD2 lysine methyltransferase regulates leukemia cell growth and regeneration after genotoxic stress. <i>Oncotarget</i> , <b>2017</b> , 8, 16712-16727	3.3	13
33	High efficiency error suppression for accurate detection of low-frequency variants. <i>Nucleic Acids Research</i> , <b>2019</b> , 47, e87	20.1	12
32	Comparing algorithms that reconstruct cell lineage trees utilizing information on microsatellite mutations. <i>PLoS Computational Biology</i> , <b>2013</b> , 9, e1003297	5	12
31	Panel construction for mapping in admixed populations via expected mutual information. <i>Genome Research</i> , <b>2008</b> , 18, 661-7	9.7	12
30	Biological and therapeutic implications of a unique subtype of NPM1 mutated AML. <i>Nature Communications</i> , <b>2021</b> , 12, 1054	17.4	7
29	Male predominance in AML is associated with specific preleukemic mutations. <i>Leukemia</i> , <b>2021</b> , 35, 867-870.7	10.7	6
28	Dasatinib response in acute myeloid leukemia is correlated with FLT3/ITD, PTPN11 mutations and a unique gene expression signature. <i>Haematologica</i> , <b>2020</b> , 105, 2795-2804	6.6	5
27	Identification of a novel PCNT founder pathogenic variant in the Israeli Druze population. <i>European Journal of Medical Genetics</i> , <b>2020</b> , 63, 103643	2.6	5
26	DNMT3a Mutations Define a Pre-Leukemic Stem Cell Reservoir In Human Acute Myeloid Leukemia. <i>Blood</i> , <b>2013</b> , 122, 487-487	2.2	4
25	Recurrent deletions in clonal hematopoiesis are driven by microhomology-mediated end joining. <i>Nature Communications</i> , <b>2021</b> , 12, 2455	17.4	4
24	Interacting evolutionary pressures drive mutation dynamics and health outcomes in aging blood. <i>Nature Communications</i> , <b>2021</b> , 12, 4921	17.4	4
23	Donor cell leukemia: reappearance of gene mutations in donor cells - more than an incidental phenomenon?. <i>Haematologica</i> , <b>2020</b> , 105, 2861-2863	6.6	3

22	Personalized lab test models to quantify disease potentials in healthy individuals. <i>Nature Medicine</i> , <b>2021</b> , 27, 1582-1591	50.5	3
21	Integration of intra-sample contextual error modeling for improved detection of somatic mutations from deep sequencing. <i>Science Advances</i> , <b>2020</b> , 6,	14.3	2
20	Characterization of inv(3) cell line OCI-AML-20 with stroma-dependent CD34 expression. <i>Experimental Hematology</i> , <b>2019</b> , 69, 27-36	3.1	2
19	IPO11 Is Upregulated in Relapsed AML and Supports Survival of Leukemic Stem Cells. <i>Blood</i> , <b>2019</b> , 134, 2530-2530	2.2	1
18	CD200 Is a Marker of LSC Activity in Acute Myeloid Leukemia. <i>Blood</i> , <b>2016</b> , 128, 1705-1705	2.2	1
17	Fatty Bone Marrow Positively Selects Pre-Leukemic HSPCs with a DNMT3A-mutation. <i>Blood</i> , <b>2021</b> , 138, 596-596	2.2	1
16	The vicious and virtuous circles of clonal hematopoiesis. <i>Nature Medicine</i> , <b>2021</b> , 27, 949-950	50.5	1
15	Clonal hematopoiesis sees Twin Peaks. <i>Blood</i> , <b>2020</b> , 135, 235-236	2.2	1
14	The evolution of leukaemia from pre-leukaemic and leukaemic stem cells. <i>Journal of Internal Medicine</i> , <b>2021</b> , 289, 636-649	10.8	1
13	An improved molecular inversion probe based targeted sequencing approach for low variant allele frequency.. <i>NAR Genomics and Bioinformatics</i> , <b>2022</b> , 4, lqab125	3.7	0
12	Cardiovascular Disease Among Patients With AML and CHIP-Related Mutations.. <i>JACC: CardioOncology</i> , <b>2022</b> , 4, 38-49	3.8	0
11	IPO11 Regulates the Nuclear Import of BZW1/2 and Is Necessary for AML Cells and Stem Cells. <i>Blood</i> , <b>2020</b> , 136, 22-23	2.2	
10	DNMT3A R882 Mutation in Human Haematopoietic Stem Cells Alters Differentiation Towards Neutrophils and Monocytes. <i>Blood</i> , <b>2021</b> , 138, 2162-2162	2.2	
9	Donor Cell Leukemia: The Role of Recipient Microenvironment. <i>Blood</i> , <b>2018</b> , 132, 3853-3853	2.2	
8	Long Term AML Survivors Have Increased Mortality and High Prevalence of Clonal Hematopoiesis. <i>Blood</i> , <b>2018</b> , 132, 1287-1287	2.2	
7	Myelofibrosis Is Initiated and Sustained By Rare Multipotent Stem Cells. <i>Blood</i> , <b>2018</b> , 132, 1790-1790	2.2	
6	No Impact of Donor's Age-Related Clonal Hematopoiesis (ARCH) Observed on Graft-Versus-Host Disease Following Allogeneic Hematopoietic Stem Cell Transplantation: Result from Bar-Coded Error Corrected Sequencing in 33 Gene Mutations on 372 Pairs of Donor and Recipient. <i>Blood</i> , <b>2019</b> , 134, 4514-4514	2.2	
5	Dasatinib Inhibits FLT3/ITD and PTPN11 mutated Acute Myeloid Leukemia Cells Overexpressing SRC Tyrosine Kinases. <i>Blood</i> , <b>2019</b> , 134, 1451-1451	2.2	

- 4 Engraftment Patterns in NOD.SCID Mice Predict Outcome in Human AML. *Blood*, **2014**, 124, 16-16 2.2
- 3 On the Origins of AML Relapse. *Blood*, **2015**, 126, 223-223 2.2
- 2 Single-Cell Phylogenetic analysis provides Novel Insight Into Resistance Mechanisms In AML. *Blood*, **2010**, 116, 178-178 2.2
- 1 Functional and Phenotypic Characterization Of Acute Myeloid Leukemia By Analysis Of Diagnostic/Relapse Paired Samples. *Blood*, **2013**, 122, 2595-2595 2.2