Liran I Shlush

List of Publications by Year in Descending Order

Source: https://exaly.com/author-pdf/4167412/liran-i-shlush-publications-by-year.pdf
Version: 2024-04-28

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	An improved molecular inversion probe based targeted sequencing approach for low variant allele frequency.. *NAR Genomics and Bioinformatics*, **2022**, 4, lqab125	3.7	0
56	Cardiovascular Disease Among Patients With AML and CHIP-Related Mutations.. *JACC: CardioOncology*, **2022**, 4, 38-49	3.8	0
55	Fatty Bone Marrow Positively Selects Pre-Leukemic HSPCs with a DNMT3A-mutation. *Blood*, **2021**, 138, 596-596	2.2	1
54	DNMT3A R882 Mutation in Human Haematopoietic Stem Cells Alters Differentiation Towards Neutrophils and Monocytes. *Blood*, **2021**, 138, 2162-2162	2.2	
53	Potential Antigenic Cross-reactivity Between Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) and Dengue Viruses. *Clinical Infectious Diseases*, **2021**, 73, e2444-e2449	11.6	73
52	Recurrent deletions in clonal hematopoiesis are driven by microhomology-mediated end joining. *Nature Communications*, **2021**, 12, 2455	17.4	4
51	The vicious and virtuous circles of clonal hematopoiesis. *Nature Medicine*, **2021**, 27, 949-950	50.5	1
50	Male predominance in AML is associated with specific preleukemic mutations. *Leukemia*, **2021**, 35, 867-870	10.7	6
49	The evolution of leukaemia from pre-leukaemic and leukaemic stem cells. *Journal of Internal Medicine*, **2021**, 289, 636-649	10.8	1
48	Biological and therapeutic implications of a unique subtype of NPM1 mutated AML. *Nature Communications*, **2021**, 12, 1054	17.4	7
47	Interacting evolutionary pressures drive mutation dynamics and health outcomes in aging blood. *Nature Communications*, **2021**, 12, 4921	17.4	4
46	Personalized lab test models to quantify disease potentials in healthy individuals. *Nature Medicine*, **2021**, 27, 1582-1591	50.5	3
45	Integration of intra-sample contextual error modeling for improved detection of somatic mutations from deep sequencing. *Science Advances*, **2020**, 6,	14.3	2
44	Dasatinib response in acute myeloid leukemia is correlated with FLT3/ITD, PTPN11 mutations and a unique gene expression signature. *Haematologica*, **2020**, 105, 2795-2804	6.6	5
43	Donor cell leukemia: reappearance of gene mutations in donor cells - more than an incidental phenomenon?. *Haematologica*, **2020**, 105, 2861-2863	6.6	3
42	IPO11 Regulates the Nuclear Import of BZW1/2 and Is Necessary for AML Cells and Stem Cells. *Blood*, **2020**, 136, 22-23	2.2	
41	Identification of a novel PCNT founder pathogenic variant in the Israeli Druze population. *European Journal of Medical Genetics*, **2020**, 63, 103643	2.6	5

40	Clonal hematopoiesis sees Twin Peaks. *Blood*, **2020**, 135, 235-236	2.2	1
39	High efficiency error suppression for accurate detection of low-frequency variants. *Nucleic Acids Research*, **2019**, 47, e87	20.1	12
38	Evolutionary trajectory of leukemic clones and its clinical implications. *Haematologica*, **2019**, 104, 872-880	9.6	13
37	Connections Between Clonal Hematopoiesis, Cardiovascular Disease, and Cancer: A Review. *JAMA Cardiology*, **2019**, 4, 380-387	16.2	24
36	Biological implications of clonal hematopoiesis. *Experimental Hematology*, **2019**, 77, 1-5	3.1	16
35	IPO11 Is Upregulated in Relapsed AML and Supports Survival of Leukemic Stem Cells. *Blood*, **2019**, 134, 2530-2530	2.2	1
34	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. *Blood*, **2019**, 134, 4514-4514	2.2	
33	Dasatinib Inhibits FLT3/ITD and PTPN11mutated Acute Myeloid Leukemia Cells Overexpressing SRC Tyrosine Kinases. *Blood*, **2019**, 134, 1451-1451	2.2	
32	Characterization of inv(3) cell line OCI-AML-20 with stroma-dependent CD34 expression. *Experimental Hematology*, **2019**, 69, 27-36	3.1	2
31	Prediction of acute myeloid leukaemia risk in healthy individuals. *Nature*, **2018**, 559, 400-404	50.4	368
30	Small Molecules Co-targeting CKIα and the Transcriptional Kinases CDK7/9 Control AML in Preclinical Models. *Cell*, **2018**, 175, 171-185.e25	56.2	68
29	Donor Cell Leukemia: The Role of Recipient Microenvironment. *Blood*, **2018**, 132, 3853-3853	2.2	
28	Long Term AML Survivors Have Increased Mortality and High Prevalence of Clonal Hematopoiesis. *Blood*, **2018**, 132, 1287-1287	2.2	
27	Myelofibrosis Is Initiated and Sustained By Rare Multipotent Stem Cells. *Blood*, **2018**, 132, 1790-1790	2.2	
26	Age-related clonal hematopoiesis. *Blood*, **2018**, 131, 496-504	2.2	145
25	Tracing the origins of relapse in acute myeloid leukaemia to stem cells. *Nature*, **2017**, 547, 104-108	50.4	274
24	SMYD2 lysine methyltransferase regulates leukemia cell growth and regeneration after genotoxic stress. *Oncotarget*, **2017**, 8, 16712-16727	3.3	13
23	CD200 Is a Marker of LSC Activity in Acute Myeloid Leukemia. *Blood*, **2016**, 128, 1705-1705	2.2	1

22	A renewed model of pancreatic cancer evolution based on genomic rearrangement patterns. *Nature*, **2016**, 538, 378-382	50.4	304
21	Preleukemia: the normal side of cancer. *Current Opinion in Hematology*, **2015**, 22, 77-84	3.3	19
20	AML evolution from preleukemia to leukemia and relapse. *Best Practice and Research in Clinical Haematology*, **2015**, 28, 81-9	4.2	14
19	Aging, clonal hematopoiesis and preleukemia: not just bad luck?. *International Journal of Hematology*, **2015**, 102, 513-22	2.3	24
18	On the Origins of AML Relapse. *Blood*, **2015**, 126, 223-223	2.2	
17	Identification of pre-leukaemic haematopoietic stem cells in acute leukaemia. *Nature*, **2014**, 506, 328-33	50.4	1011
16	Single cell analysis exposes intratumor heterogeneity and suggests that FLT3-ITD is a late event in leukemogenesis. *Experimental Hematology*, **2014**, 42, 457-63	3.1	15
15	Engraftment Patterns in NOD.SCID Mice Predict Outcome in Human AML. *Blood*, **2014**, 124, 16-16	2.2	
14	Comparing algorithms that reconstruct cell lineage trees utilizing information on microsatellite mutations. *PLoS Computational Biology*, **2013**, 9, e1003297	5	12
13	DNMT3a Mutations Define a Pre-Leukemic Stem Cell Reservoir In Human Acute Myeloid Leukemia. *Blood*, **2013**, 122, 487-487	2.2	4
12	Functional and Phenotypic Characterization Of Acute Myeloid Leukemia By Analysis Of Diagnostic/Relapse Paired Samples. *Blood*, **2013**, 122, 2595-2595	2.2	
11	Cell lineage analysis of acute leukemia relapse uncovers the role of replication-rate heterogeneity and microsatellite instability. *Blood*, **2012**, 120, 603-12	2.2	59
10	Telomere elongation followed by telomere length reduction, in leukocytes from divers exposed to intense oxidative stress--implications for tissue and organismal aging. *Mechanisms of Ageing and Development*, **2011**, 132, 123-30	5.6	26
9	Quantitative digital in situ senescence-associated □galactosidase assay. *BMC Cell Biology*, **2011**, 12, 16		24
8	Colon stem cell and crypt dynamics exposed by cell lineage reconstruction. *PLoS Genetics*, **2011**, 7, e1002192		47
7	Admixture mapping of end stage kidney disease genetic susceptibility using estimated mutual information ancestry informative markers. *BMC Medical Genomics*, **2010**, 3, 47	3.7	21
6	Single-Cell Phylogenetic analysis provides Novel Insight Into Resistance Mechanisms In AML. *Blood*, **2010**, 116, 178-178	2.2	
5	Panel construction for mapping in admixed populations via expected mutual information. *Genome Research*, **2008**, 18, 661-7	9.7	12

4	Ashkenazi Jewish centenarians do not demonstrate enrichment in mitochondrial haplogroup J. *PLoS ONE*, **2008**, 3, e3425	3.7	15
3	The Druze: a population genetic refugium of the Near East. *PLoS ONE*, **2008**, 3, e2105	3.7	31
2	Absence of HIV-associated nephropathy in Ethiopians. *American Journal of Kidney Diseases*, **2006**, 47, 88-94	7.4	35
1	Molecular epidemiological analysis of the changing nature of a meningococcal outbreak following a vaccination campaign. *Journal of Clinical Microbiology*, **2002**, 40, 3565-71	9.7	23