

Eric R Lechman

List of Publications by Citations

Source: <https://exaly.com/author-pdf/1856350/eric-r-lechman-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.

52
papers

3,230
citations

23
h-index

56
g-index

60
ext. papers

3,731
ext. citations

8.2
avg, IF

4.31
L-index

#	Paper	IF	Citations
52	Stem cell gene expression programs influence clinical outcome in human leukemia. <i>Nature Medicine</i> , 2011 , 17, 1086-93	50.5	713
51	Exosomes derived from IL-10-treated dendritic cells can suppress inflammation and collagen-induced arthritis. <i>Journal of Immunology</i> , 2005 , 174, 6440-8	5.3	264
50	Direct adenovirus-mediated gene transfer of interleukin 1 and tumor necrosis factor alpha soluble receptors to rabbit knees with experimental arthritis has local and distal anti-arthritic effects. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998 , 95, 4613-8	11.5	262
49	A distinctive DNA damage response in human hematopoietic stem cells reveals an apoptosis-independent role for p53 in self-renewal. <i>Cell Stem Cell</i> , 2010 , 7, 186-97	18	213
48	Comparison of human cord blood engraftment between immunocompromised mouse strains. <i>Blood</i> , 2010 , 116, 193-200	2.2	213
47	Exosomes derived from genetically modified DC expressing FasL are anti-inflammatory and immunosuppressive. <i>Molecular Therapy</i> , 2006 , 13, 289-300	11.7	170
46	Attenuation of miR-126 activity expands HSC in vivo without exhaustion. <i>Cell Stem Cell</i> , 2012 , 11, 799-811	18	164
45	Identification of hematopoietic stem cell-specific miRNAs enables gene therapy of globoid cell leukodystrophy. <i>Science Translational Medicine</i> , 2010 , 2, 58ra84	17.5	156
44	miR-126 Regulates Distinct Self-Renewal Outcomes in Normal and Malignant Hematopoietic Stem Cells. <i>Cancer Cell</i> , 2016 , 29, 214-28	24.3	118
43	Intra-articular delivery of a herpes simplex virus IL-1Ra gene vector reduces inflammation in a rabbit model of arthritis. <i>Gene Therapy</i> , 1999 , 6, 1713-20	4	105
42	Adverse effects of adenovirus-mediated gene transfer of human transforming growth factor beta 1 into rabbit knees. <i>Arthritis Research</i> , 2003 , 5, R132-9		96
41	Adenovirus-mediated gene transfer of insulin-like growth factor 1 stimulates proteoglycan synthesis in rabbit joints. <i>Arthritis and Rheumatism</i> , 2000 , 43, 2563-70		95
40	Direct retrovirus-mediated gene transfer to the synovium of the rabbit knee: implications for arthritis gene therapy. <i>Gene Therapy</i> , 1997 , 4, 977-82	4	82
39	Identification of a synovial fibroblast-specific protein transduction domain for delivery of apoptotic agents to hyperplastic synovium. <i>Molecular Therapy</i> , 2003 , 8, 295-305	11.7	55
38	Quantitative single-cell proteomics as a tool to characterize cellular hierarchies. <i>Nature Communications</i> , 2021 , 12, 3341	17.4	53
37	Element-tagged immunoassay with ICP-MS detection: evaluation and comparison to conventional immunoassays. <i>Journal of Immunological Methods</i> , 2008 , 336, 56-63	2.5	52
36	Reduced lymphoid lineage priming promotes human hematopoietic stem cell expansion. <i>Cell Stem Cell</i> , 2014 , 14, 94-106	18	49

35	Zebrafish microRNA-126 determines hematopoietic cell fate through c-Myb. <i>Leukemia</i> , 2011 , 25, 506-14	10.7	49
34	miRNA-126 Orchestrates an Oncogenic Program in B Cell Precursor Acute Lymphoblastic Leukemia. <i>Cancer Cell</i> , 2016 , 29, 905-921	24.3	45
33	Ectopic miR-125a Expression Induces Long-Term Repopulating Stem Cell Capacity in Mouse and Human Hematopoietic Progenitors. <i>Cell Stem Cell</i> , 2016 , 19, 383-96	18	40
32	The contralateral effect conferred by intra-articular adenovirus-mediated gene transfer of viral IL-10 is specific to the immunizing antigen. <i>Gene Therapy</i> , 2003 , 10, 2029-35	4	31
31	Hyperactive Himar1 transposase mediates transposition in cell culture and enhances gene expression in vivo. <i>Human Gene Therapy</i> , 2006 , 17, 1006-18	4.8	28
30	Ex vivo gene delivery of IL-1Ra and soluble TNF receptor confers a distal synergistic therapeutic effect in antigen-induced arthritis. <i>Molecular Therapy</i> , 2002 , 6, 591-600	11.7	21
29	Functional profiling of single CRISPR/Cas9-edited human long-term hematopoietic stem cells. <i>Nature Communications</i> , 2019 , 10, 4730	17.4	15
28	A stemness screen reveals as a promoter of human leukemia stem cell latency. <i>Blood</i> , 2019 , 133, 2198-2211	11	14
27	Human, viral or mutant human IL-10 expressed after local adenovirus-mediated gene transfer are equally effective in ameliorating disease pathology in a rabbit knee model of antigen-induced arthritis. <i>Arthritis Research and Therapy</i> , 2006 , 8, R91	5.7	14
26	Quantitative Single-Cell Proteomics as a Tool to Characterize Cellular Hierarchies		12
25	Lessons learned from gene transfer approaches. <i>Arthritis Research</i> , 1999 , 1, 21-4		11
24	A novel method for detecting the cellular stemness state in normal and leukemic human hematopoietic cells can predict disease outcome and drug sensitivity. <i>Leukemia</i> , 2019 , 33, 2061-2077	10.7	8
23	Mapping the cellular origin and early evolution of leukemia in Down syndrome. <i>Science</i> , 2021 , 373,	33.3	8
22	Global proteomics dataset of miR-126 overexpression in acute myeloid leukemia. <i>Data in Brief</i> , 2016 , 9, 57-61	1.2	7
21	Nicotinamide phosphoribosyltransferase inhibitors selectively induce apoptosis of AML stem cells by disrupting lipid homeostasis. <i>Cell Stem Cell</i> , 2021 , 28, 1851-1867.e8	18	5
20	An Enhancer-Based Reporter Identifies Leukemia Cells with Elevated Leukemogenic Potential Driven by ERG-USP9X Feed-Forward Regulation. <i>Cancer Research</i> , 2019 , 79, 3862-3876	10.1	3
19	MicroRNA Expression Profiling in Sorted AML Subpopulations: A Possible Role for miR-155/BIC in Stem Cell Maintenance and Leukemogenesis.. <i>Blood</i> , 2005 , 106, 466-466	2.2	2
18	Targeting the Mitochondrial Metallochaperone Cox17 Reduces DNA Methylation and Promotes AML Differentiation through a Copper Dependent Mechanism. <i>Blood</i> , 2018 , 132, 1339-1339	2.2	1

17	Understanding Pre-Leukemia in Trisomy 21 Human HSC and Modeling Progression Towards Down Syndrome Associated Leukemia Using CRISPR/Cas9 at Single Cell Resolution. <i>Blood</i> , 2019 , 134, 2531-2537 ^{2,2}	2.2	1
16	Mir-126 Governs Human Leukemia Stem Cell Quiescence and Chemotherapy Resistance. <i>Blood</i> , 2013 , 122, 1647-1647	2.2	1
15	Mir-125a Confers Multi-Lineage Long-Term Repopulating Stem Cell Activity to Human Hematopoietic Committed Progenitors. <i>Blood</i> , 2015 , 126, 900-900	2.2	1
14	Inhibiting the Mitochondrial Sulphydryl Oxidase Alr Reduces Cox17 and Alters Mitochondrial Cristae Structure Leading to the Differentiation of AML and Stem Cells. <i>Blood</i> , 2017 , 130, 881-881	2.2	1
13	Microna-130a Regulates Hematopoietic Stem Cell Self-Renewal By Repressing Chromatin Modifiers and Shaping the Accessible Chromatin Landscape. <i>Blood</i> , 2018 , 132, 3824-3824	2.2	0
12	A Mechanistic Role For Mir-126, a Hematopoietic Stem Cell Microna, In Acute Leukemias. <i>Blood</i> , 2013 , 122, 886-886	2.2	0
11	Identification of the global miR-130a targetome reveals a role for TBL1XR1 in hematopoietic stem cell self-renewal and t(8;21) AML. <i>Cell Reports</i> , 2022 , 38, 110481	10.6	0
10	KDM6 Demethylases Integrate DNA Repair Gene Regulation: Loss of KDM6A Sensitizes AML to PARP Inhibition and Potentiates with BCL2 Blockade. <i>Blood</i> , 2021 , 138, 25-25	2.2	
9	Functional and Molecular Consequences of Trisomy 21 on Human Fetal Hematopoiesis. <i>Blood</i> , 2018 , 132, 1317-1317	2.2	
8	Modeling the Initiation and Evolution of Down Syndrome Associated Leukemia Using CRISPR/Cas9. <i>Blood</i> , 2018 , 132, 3891-3891	2.2	
7	Modeling the Multi-Step Pathogenesis of Acute Myeloid Leukemia of Down Syndrome. <i>Blood</i> , 2014 , 124, 3579-3579	2.2	
6	High Levels of MicroRNA-126 Bioactivity Specify the LSC Compartment in AML. <i>Blood</i> , 2008 , 112, 510-510 ²	2.2	
5	Leukemic and Normal Stem Cell Transcriptional Signatures Determined by Functional Assays Are Predictive of the Overall Survival of AML Patients. <i>Blood</i> , 2009 , 114, 389-389	2.2	
4	Identification and Function of Hematopoietic Stem and Progenitor Cell Specific Micronas. <i>Blood</i> , 2010 , 116, 2631-2631	2.2	
3	Enriched MicroRNA-126 Bioactivity Marks the Primitive Compartment In AML and Regulates LSC Numbers. <i>Blood</i> , 2010 , 116, 94-94	2.2	
2	Hematopoietic Stem Cell Expansion, without Exhaustion or Transformation, by Stable Microna Antagonism in Vivo. <i>Blood</i> , 2012 , 120, 30-30	2.2	
1	Enforced Expression Of Mir-125b Promotes the in vivo expansion Of Human Linneg cord Blood Multi-Lymphoid Progenitors and Leukemia Stem Cells. <i>Blood</i> , 2013 , 122, 1648-1648	2.2	