Sasan Zandi

List of Publications by Citations

39 papers	3,264 citations	19 h-index	40 g-index
40 ext. papers	3,850 ext. citations	9.5 avg, IF	4.37 L-index

#	Paper	IF	Citations
39	Identification of pre-leukaemic haematopoietic stem cells in acute leukaemia. *Nature*, **2014**, 506, 328-33	50.4	1011
38	Functionally distinct hematopoietic stem cells modulate hematopoietic lineage potential during aging by a mechanism of clonal expansion. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 5465-70	11.5	448
37	Distinct routes of lineage development reshape the human blood hierarchy across ontogeny. *Science*, **2016**, 351, aab2116	33.3	445
36	CDK6 levels regulate quiescence exit in human hematopoietic stem cells. *Cell Stem Cell*, **2015**, 16, 302-13	18	158
35	The evolution of cellular deficiency in GATA2 mutation. *Blood*, **2014**, 123, 863-74	2.2	153
34	The transcriptional architecture of early human hematopoiesis identifies multilevel control of lymphoid commitment. *Nature Immunology*, **2013**, 14, 756-63	19.1	145
33	Efficacy of Retinoids in IKZF1-Mutated BCR-ABL1 Acute Lymphoblastic Leukemia. *Cancer Cell*, **2015**, 28, 343-56	24.3	114
32	Gene deregulation and chronic activation in natural killer cells deficient in the transcription factor ETS1. *Immunity*, **2012**, 36, 921-32	32.3	102
31	EBF1 is essential for B-lineage priming and establishment of a transcription factor network in common lymphoid progenitors. *Journal of Immunology*, **2008**, 181, 3364-72	5.3	102
30	Cytokines regulate postnatal hematopoietic stem cell expansion: opposing roles of thrombopoietin and LNK. *Genes and Development*, **2006**, 20, 2018-23	12.6	98
29	Truncating Erythropoietin Receptor Rearrangements in Acute Lymphoblastic Leukemia. *Cancer Cell*, **2016**, 29, 186-200	24.3	92
28	Single-cell analysis of the common lymphoid progenitor compartment reveals functional and molecular heterogeneity. *Blood*, **2010**, 115, 2601-9	2.2	92
27	B-lineage commitment prior to surface expression of B220 and CD19 on hematopoietic progenitor cells. *Blood*, **2008**, 112, 1048-55	2.2	62
26	p38 Mitogen-activated protein kinase/signal transducer and activator of transcription-3 pathway signaling regulates expression of inhibitory molecules in T cells activated by HIV-1-exposed dendritic cells. *Molecular Medicine*, **2012**, 18, 1169-82	6.2	34
25	Identification of genes expressed by immune cells of the colon that are regulated by colorectal cancer-associated variants. *International Journal of Cancer*, **2014**, 134, 2330-41	7.5	28
24	Single-cell analysis of early B-lymphocyte development suggests independent regulation of lineage specification and commitment in vivo. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 15871-6	11.5	28
23	A dose-dependent role for EBF1 in repressing non-B-cell-specific genes. *European Journal of Immunology*, **2011**, 41, 1787-93	6.1	27

22	Aging, clonal hematopoiesis and preleukemia: not just bad luck?. *International Journal of Hematology*, **2015**, 102, 513-22	2.3	24
21	Ectopic expression of PAX5 promotes maintenance of biphenotypic myeloid progenitors coexpressing myeloid and B-cell lineage-associated genes. *Blood*, **2007**, 109, 3697-705	2.2	24
20	Interleukin-7-induced Stat-5 acts in synergy with Flt-3 signaling to stimulate expansion of hematopoietic progenitor cells. *Journal of Biological Chemistry*, **2010**, 285, 36275-84	5.4	16
19	Load and lock: the molecular mechanisms of B-lymphocyte commitment. *Immunological Reviews*, **2010**, 238, 47-62	11.3	15
18	A stemness screen reveals as a promoter of human leukemia stem cell latency. *Blood*, **2019**, 133, 2198-2211	21	14
17	The Transition from Quiescent to Activated States in Human Hematopoietic Stem Cells Is Governed by Dynamic 3D Genome Reorganization. *Cell Stem Cell*, **2021**, 28, 488-501.e10	18	11
16	Genomics based analysis of interactions between developing B-lymphocytes and stromal cells reveal complex interactions and two-way communication. *BMC Genomics*, **2010**, 11, 108	4.5	7
15	Cellular and molecular architecture of hematopoietic stem cells and progenitors in genetic models of bone marrow failure. *JCI Insight*, **2020**, 5,	9.9	4
14	DNMT3a Mutations Define a Pre-Leukemic Stem Cell Reservoir In Human Acute Myeloid Leukemia. *Blood*, **2013**, 122, 487-487	2.2	4
13	The Road to Commitment: Lineage Restriction Events in Hematopoiesis **2009**, 23-46		2
12	CD200 Is a Marker of LSC Activity in Acute Myeloid Leukemia. *Blood*, **2016**, 128, 1705-1705	2.2	1
11	A latent subset of human hematopoietic stem cells resists regenerative stress to preserve stemness. *Nature Immunology*, **2021**, 22, 723-734	19.1	1
10	Resolution of celiac disease, IgA deficiency and platelet refractoriness after allogeneic bone marrow transplantation for acute leukemia. *Haematologica*, **2019**, 104, e121-e123	6.6	
9	Engraftment Patterns in NOD.SCID Mice Predict Outcome in Human AML. *Blood*, **2014**, 124, 16-16	2.2	
8	The Human Blood Hierarchy Is Shaped By Distinct Progenitor Lineages Across Development. *Blood*, **2015**, 126, 2360-2360	2.2	
7	Distinct Regulatory Networks Govern Human Hematopoietic Stem Cell Across Development. *Blood*, **2015**, 126, 2375-2375	2.2	
6	Chromatin Accessibility Identifies CTCF As a Gatekeeper of Stemness Functions in Human Hematopoietic Development. *Blood*, **2016**, 128, 3873-3873	2.2	
5	Sphingolipids Regulate Myeloid-Erythroid Fate Determination in Human Hematopoiesis. *Blood*, **2016**, 128, 3865-3865	2.2	

4	IL7 Counteraction with Notch Signaling Followed by EBF1 Expression Marks the B-Cell Commitment in CLP Stage. *Blood*, **2008**, 112, 2452-2452	2.2
3	Temporal and Sequential Expression of EBF1 and PAX5 Restricts the Non-B Cell Fate In Early Lymphopoiesis. *Blood*, **2010**, 116, 3867-3867	2.2
2	Molecular and Functional Characterization of Early Lineage Commitment of Human Hematopoietic Stem Cells. *Blood*, **2011**, 118, 907-907	2.2
1	Deep Phenotypic Characterization of Primitive Stem and Progenitor Compartments Reveals the Cellular Architecture of Aplastic Anemia.. *Blood*, **2012**, 120, 2370-2370	2.2