

# Jan-Ingvar Jnsson

## List of Publications by Citations

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42  
papers

1,539  
citations

20  
h-index

39  
g-index

43  
ext. papers

1,706  
ext. citations

4.3  
avg, IF

4.37  
L-index

#	Paper	IF	Citations
42	The hematopoietic stem cell niche: low in oxygen but a nice place to be. <i>Journal of Cellular Physiology</i> , <b>2010</b> , 222, 17-22	7	331
41	Hypoxia mediates low cell-cycle activity and increases the proportion of long-term-reconstituting hematopoietic stem cells during in vitro culture. <i>Experimental Hematology</i> , <b>2010</b> , 38, 301-310.e2	3.1	125
40	Systemic reduction of functionally suppressive CD4dimCD25highFoxp3+ Tregs in human second trimester pregnancy is induced by progesterone and 17beta-estradiol. <i>Journal of Immunology</i> , <b>2009</b> , 183, 759-69	5.3	116
39	The Q705K polymorphism in NLRP3 is a gain-of-function alteration leading to excessive interleukin-1 $\beta$ and IL-18 production. <i>PLoS ONE</i> , <b>2012</b> , 7, e34977	3.7	109
38	Stem cell factor promotes mast cell survival via inactivation of FOXO3a-mediated transcriptional induction and MEK-regulated phosphorylation of the proapoptotic protein Bim. <i>Blood</i> , <b>2005</b> , 106, 1330-6 <sup>2.2</sup>	2.2	99
37	The BH3-only protein Puma plays an essential role in cytokine deprivation induced apoptosis of mast cells. <i>Blood</i> , <b>2007</b> , 110, 3209-17	2.2	94
36	Lipopolysaccharide-induced fever depends on prostaglandin E2 production specifically in brain endothelial cells. <i>Endocrinology</i> , <b>2012</b> , 153, 4849-61	4.8	71
35	IL-7 mediates Ebf-1-dependent lineage restriction in early lymphoid progenitors. <i>Blood</i> , <b>2011</b> , 118, 1283-90	2.2	58
34	Distinct and regulated expression of Notch receptors in hematopoietic lineages and during myeloid differentiation. <i>European Journal of Immunology</i> , <b>2001</b> , 31, 3240-7	6.1	48
33	Inactivation of the forkhead transcription factor FoxO3 is essential for PKB-mediated survival of hematopoietic progenitor cells by kit ligand. <i>Experimental Hematology</i> , <b>2003</b> , 31, 316-23	3.1	37
32	The LIM-only protein LMO4 modulates the transcriptional activity of HEN1. <i>Biochemical and Biophysical Research Communications</i> , <b>2003</b> , 307, 891-9	3.4	37
31	BH3-only protein Bim more critical than Puma in tyrosine kinase inhibitor-induced apoptosis of human leukemic cells and transduced hematopoietic progenitors carrying oncogenic FLT3. <i>Blood</i> , <b>2009</b> , 113, 2302-11	2.2	29
30	Single-nucleotide polymorphisms of ABCG2 increase the efficacy of tyrosine kinase inhibitors in the K562 chronic myeloid leukemia cell line. <i>Pharmacogenetics and Genomics</i> , <b>2014</b> , 24, 52-61	1.9	28
29	FLT3 ligand regulates apoptosis through AKT-dependent inactivation of transcription factor FoxO3. <i>Biochemical and Biophysical Research Communications</i> , <b>2004</b> , 318, 899-903	3.4	26
28	Characterization, chromosomal localization, and expression during hematopoietic differentiation of the gene encoding Arl6ip, ADP-ribosylation-like factor-6 interacting protein (ARL6). <i>Genomics</i> , <b>2000</b> , 68, 351-4	4.3	25
27	miR-20b regulates expression of proteinase-activated receptor-1 (PAR-1) thrombin receptor in melanoma cells. <i>Pigment Cell and Melanoma Research</i> , <b>2014</b> , 27, 431-41	4.5	24
26	Interleukin-1 $\beta$ induced activation of the hypothalamus-pituitary-adrenal axis is dependent on interleukin-1 receptors on non-hematopoietic cells. <i>Brain, Behavior, and Immunity</i> , <b>2014</b> , 40, 166-73	16.6	23

25	Phosphatidylinositol 3-kinase is essential for kit ligand-mediated survival, whereas interleukin-3 and flt3 ligand induce expression of antiapoptotic Bcl-2 family genes. <i>Journal of Leukocyte Biology</i> , <b>2003</b> , 74, 923-31	6.5	23
24	Isolation of MYADM, a novel hematopoietic-associated marker gene expressed in multipotent progenitor cells and up-regulated during myeloid differentiation. <i>Journal of Leukocyte Biology</i> , <b>2000</b> , 67, 423-31	6.5	21
23	Hypoxia Mediates Differential Response to Anti-EGFR Therapy in HNSCC Cells. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	20
22	The basic helix-loop-helix transcription factor TAL1/SCL inhibits the expression of the p16INK4A and pTalpha genes. <i>Biochemical and Biophysical Research Communications</i> , <b>2003</b> , 312, 1073-81	3.4	19
21	Interleukin-7 responsiveness of B220+ B cell precursors from bone marrow decreases in aging mice. <i>Cellular Immunology</i> , <b>1993</b> , 147, 267-78	4.4	18
20	ABCB1 haplotypes do not influence transport or efficacy of tyrosine kinase inhibitors in vitro. <i>Pharmacogenomics and Personalized Medicine</i> , <b>2013</b> , 6, 63-72	2.1	16
19	Interleukin-7-induced Stat-5 acts in synergy with Flt-3 signaling to stimulate expansion of hematopoietic progenitor cells. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 36275-84	5.4	16
18	Interleukin-6 primarily produced by non-hematopoietic cells mediates the lipopolysaccharide-induced febrile response. <i>Brain, Behavior, and Immunity</i> , <b>2013</b> , 33, 123-30	16.6	15
17	The Lim-only protein LMO2 acts as a positive regulator of erythroid differentiation. <i>Biochemical and Biophysical Research Communications</i> , <b>2007</b> , 364, 675-81	3.4	13
16	Pyruvate dehydrogenase kinase 1 is essential for transplantable mouse bone marrow hematopoietic stem cell and progenitor function. <i>PLoS ONE</i> , <b>2017</b> , 12, e0171714	3.7	13
15	Bcl11b mutations identified in murine lymphomas increase the proliferation rate of hematopoietic progenitor cells. <i>BMC Cancer</i> , <b>2007</b> , 7, 195	4.8	11
14	Absence of hot spot mutations of the PIK3CA gene in acute myeloid leukaemia. <i>European Journal of Haematology</i> , <b>2006</b> , 77, 86-7	3.8	11
13	The pan-ErbB receptor tyrosine kinase inhibitor canertinib induces ErbB-independent apoptosis in human leukemia (HL-60 and U-937) cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2010</b> , 393, 6-10	3.4	9
12	Deficiency of activating Fcγ receptors reduces hepatic clearance and deposition of IC and increases CIC levels in mercury-induced autoimmunity. <i>PLoS ONE</i> , <b>2010</b> , 5, e13413	3.7	8
11	The Critical Role of Dysregulated RhoB Signaling Pathway in Radioresistance of Colorectal Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2019</b> , 104, 1153-1164	4	7
10	The pan-ErbB tyrosine kinase inhibitor canertinib induces caspase-mediated cell death in human T-cell leukemia (Jurkat) cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2011</b> , 410, 422-7	3.4	7
9	Irreversible pan-ERBB inhibitor canertinib elicits anti-leukaemic effects and induces the regression of FLT3-ITD transformed cells in mice. <i>British Journal of Haematology</i> , <b>2011</b> , 155, 198-208	4.5	7
8	Putative Role of Nuclear Factor-Kappa B But Not Hypoxia-Inducible Factor-1 in Hypoxia-Dependent Regulation of Oxidative Stress in Hematopoietic Stem and Progenitor Cells. <i>Antioxidants and Redox Signaling</i> , <b>2019</b> , 31, 211-226	8.4	6

7	Switchable presentation of cytokines on electroactive polypyrrole surfaces for hematopoietic stem and progenitor cells. <i>Journal of Materials Chemistry B</i> , <b>2018</b> , 6, 4665-4675	7.3	6
6	Coexpression of hyperactivated AKT1 with additional genes activated in leukemia drives hematopoietic progenitor cells to cell cycle block and apoptosis. <i>Experimental Hematology</i> , <b>2015</b> , 43, 554-64	3.1	4
5	Concentration-dependent effects of hematopoietic growth factors during in vitro expansion of mouse stem cells and progenitor cells. <i>Growth Factors</i> , <b>1997</b> , 14, 59-66	1.6	3
4	Characterization of the mouse myeloid-associated differentiation marker (MYADM) gene: promoter analysis and protein localization. <i>Molecular Biology Reports</i> , <b>2005</b> , 32, 149-57	2.8	3
3	The stem cell regulator PEDF is dispensable for maintenance and function of hematopoietic stem cells. <i>Scientific Reports</i> , <b>2017</b> , 7, 10134	4.9	2
2	Hypoxic and normoxic in vitro cultures maintain similar numbers of long-term reconstituting hematopoietic stem cells from mouse bone marrow. <i>Experimental Hematology</i> , <b>2012</b> , 40, 879-81	3.1	1
1	Multiplexed single-cell mass cytometry reveals distinct inhibitory effects on intracellular phosphoproteins by midostaurin in combination with chemotherapy in AML cells. <i>Experimental Hematology and Oncology</i> , <b>2021</b> , 10, 7	7.8	0