

# Robert S Welner

## List of Publications by Year in descending order

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Version: 2024-02-01

43  
papers

1,220  
citations

471509

17  
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395702

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docs citations

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times ranked

2843  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mapping Distinct Bone Marrow Niche Populations and Their Differentiation Paths. <i>Cell Reports</i> , 2019, 28, 302-311.e5.	6.4	167
2	Sustained PU.1 Levels Balance Cell-Cycle Regulators to Prevent Exhaustion of Adult Hematopoietic Stem Cells. <i>Molecular Cell</i> , 2013, 49, 934-946.	9.7	127
3	Treatment of Chronic Myelogenous Leukemia by Blocking Cytokine Alterations Found in Normal Stem and Progenitor Cells. <i>Cancer Cell</i> , 2015, 27, 671-681.	16.8	112
4	Hematopoietic Differentiation Is Required for Initiation of Acute Myeloid Leukemia. <i>Cell Stem Cell</i> , 2015, 17, 611-623.	11.1	97
5	$\beta$ -Catenin Contributes to Lung Tumor Development Induced by EGFR Mutations. <i>Cancer Research</i> , 2014, 74, 5891-5902.	0.9	76
6	The IL-33-PIN1-IRAK-M axis is critical for type 2 immunity in IL-33-induced allergic airway inflammation. <i>Nature Communications</i> , 2018, 9, 1603.	12.8	58
7	Single-Cell RNA-Seq Mapping of Human Thymopoiesis Reveals Lineage Specification Trajectories and a Commitment Spectrum in T Cell Development. <i>Immunity</i> , 2020, 52, 1105-1118.e9.	14.3	58
8	SIRT1 regulates metabolism and leukemogenic potential in CML stem cells. <i>Journal of Clinical Investigation</i> , 2019, 129, 2685-2701.	8.2	56
9	PU.1 enforces quiescence and limits hematopoietic stem cell expansion during inflammatory stress. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	49
10	Targeted BMI1 inhibition impairs tumor growth in lung adenocarcinomas with low CEBP $\beta$ expression. <i>Science Translational Medicine</i> , 2016, 8, 350ra104.	12.4	45
11	Acetylation of C/EBP $\beta$ inhibits its granulopoietic function. <i>Nature Communications</i> , 2016, 7, 10968.	12.8	38
12	Lysine acetyltransferase Tip60 is required for hematopoietic stem cell maintenance. <i>Blood</i> , 2020, 136, 1735-1747.	1.4	33
13	The Runx-PU.1 pathway preserves normal and AML/ETO9a leukemic stem cells. <i>Blood</i> , 2014, 124, 2391-2399.	1.4	32
14	C/EBP $\beta$ is required for development of dendritic cell progenitors. <i>Blood</i> , 2013, 121, 4073-4081.	1.4	28
15	Regulation of normal and leukemic stem cells through cytokine signaling and the microenvironment. <i>International Journal of Hematology</i> , 2017, 105, 566-577.	1.6	27
16	E-cadherin is regulated by GATA-2 and marks the early commitment of mouse hematopoietic progenitors to the basophil and mast cell fates. <i>Science Immunology</i> , 2021, 6, .	11.9	25
17	ZNF143 protein is an important regulator of the myeloid transcription factor C/EBP $\beta$ . <i>Journal of Biological Chemistry</i> , 2017, 292, 18924-18936.	3.4	20
18	The basic helix-loop-helix transcription factor SHARP1 is an oncogenic driver in MLL-AF6 acute myelogenous leukemia. <i>Nature Communications</i> , 2018, 9, 1622.	12.8	20

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19	Metabolic alterations mediated by STAT3 promotes drug persistence in CML. <i>Leukemia</i> , 2021, 35, 3371-3382.	7.2	19
20	Bone marrow Tregs mediate stromal cell function and support hematopoiesis via IL-10. <i>JCI Insight</i> , 2020, 5, .	5.0	19
21	TNF- $\alpha$ -induced alterations in stromal progenitors enhance leukemic stem cell growth via CXCR2 signaling. <i>Cell Reports</i> , 2021, 36, 109386.	6.4	15
22	Selective LXR agonist DMHCA corrects retinal and bone marrow dysfunction in type 2 diabetes. <i>JCI Insight</i> , 2020, 5, .	5.0	14
23	9-1-1: HSCs Respond to Emergency Calls. <i>Cell Stem Cell</i> , 2014, 14, 415-416.	11.1	12
24	Identification of a targetable KRAS-mutant epithelial population in non-small cell lung cancer. <i>Communications Biology</i> , 2021, 4, 370.	4.4	12
25	Core-binding factor leukemia hijacks the T-cell- $\alpha$ -prone PU.1 antisense promoter. <i>Blood</i> , 2021, 138, 1345-1358.	1.4	12
26	Inflammatory Cytokines Shape an Altered Immune Response During Myeloid Malignancies. <i>Frontiers in Immunology</i> , 2021, 12, 772408.	4.8	12
27	C/EBP $\beta$ is dispensable for steady-state and emergency granulopoiesis. <i>Haematologica</i> , 2018, 103, e331-e335.	3.5	6
28	Improved hematopoietic stem cell transplantation upon inhibition of natural killer cell-derived interferon-gamma. <i>Stem Cell Reports</i> , 2021, 16, 1999-2013.	4.8	6
29	The second hit of DNA methylation. <i>Molecular and Cellular Oncology</i> , 2016, 3, e1093690.	0.7	5
30	Serine-threonine Kinase Receptor-Associated Protein is a Critical Mediator of APC Mutation-Induced Intestinal Tumorigenesis Through a Feed-Forward Mechanism. <i>Gastroenterology</i> , 2022, 162, 193-208.	1.3	5
31	The DNA Ligase IV Syndrome R278H Mutation Impairs B Lymphopoiesis via Error-Prone Nonhomologous End-Joining. <i>Journal of Immunology</i> , 2016, 196, 244-255.	0.8	4
32	Isocitrate dehydrogenase mutations are associated with altered IL-1 $\beta$ responses in acute myeloid leukemia. <i>Leukemia</i> , 2022, 36, 923-934.	7.2	3
33	SIRT1 Mediates Enhanced Mitochondrial Oxidative Phosphorylation in Chronic Myelogenous Leukemia Stem Cells. <i>Blood</i> , 2018, 132, 932-932.	1.4	2
34	Deciphering Metabolic Adaptability of Leukemic Stem Cells. <i>Frontiers in Oncology</i> , 0, 12, .	2.8	2
35	Lig4 Is Essential for Maintaining HSC Homeostasis. <i>Blood</i> , 2014, 124, 606-606.	1.4	1
36	C/Ebpg (CCAAT/Enhancer Binding Protein Gamma) Balances Cytotoxic and Secretory Potential of Natural Killer Cells. <i>Blood</i> , 2018, 132, 3721-3721.	1.4	1

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37	TNF-Î±-Induced Bone Marrow Stromal Progenitor Alterations Enhance Leukemic Stem Cell Growth and Treatment Resistance Via Increased CXCL1-CXCR2 Signaling. Blood, 2018, 132, 875-875.	1.4	1
38	Suppression of multiple anti-apoptotic BCL2 family proteins recapitulates the effects of JAK2 inhibitors in JAK2V617F driven myeloproliferative neoplasms. Cancer Science, 2021, , .	3.9	1
39	The Essential Role of DNA Repair in Hematopoietic Stem Cell Homeostasis and Disease.. Blood, 2012, 120, 2328-2328.	1.4	0
40	Sociology of Normal Stem and Progenitor Cells in CML Niche. Blood, 2012, 120, 1234-1234.	1.4	0
41	Relationship Between Self-Renewal and Differentiation Pathways in Stem Cells and Leukemia. Blood, 2014, 124, 4789-4789.	1.4	0
42	Core Binding Factor Leukemias Utilize a Physiologic Sense/Antisense Promoter Switch Employed By T-Cells. Blood, 2020, 136, 40-41.	1.4	0
43	Response to NK cell content does not seem to influence engraftment in exÂvivo TÂcell depleted haploidentical stem cell transplantation. Stem Cell Reports, 2022, 17, 446-447.	4.8	0