

# Jennifer J Trowbridge

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

2,146  
citations

304743

22  
h-index

501196

28  
g-index

36  
all docs

36  
docs citations

36  
times ranked

3921  
citing authors

#	ARTICLE	IF	CITATIONS
1	DNA Methyltransferase 1 Is Essential for and Uniquely Regulates Hematopoietic Stem and Progenitor Cells. <i>Cell Stem Cell</i> , 2009, 5, 442-449.	11.1	318
2	Glycogen synthase kinase-3 is an in vivo regulator of hematopoietic stem cell repopulation. <i>Nature Medicine</i> , 2006, 12, 89-98.	30.7	235
3	Loss-of-function mutations in the <i>C9ORF72</i> mouse ortholog cause fatal autoimmune disease. <i>Science Translational Medicine</i> , 2016, 8, 347ra93.	12.4	217
4	Corepressor-dependent silencing of fetal hemoglobin expression by BCL11A. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 6518-6523.	7.1	189
5	Hedgehog modulates cell cycle regulators in stem cells to control hematopoietic regeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 14134-14139.	7.1	162
6	Haploinsufficiency of <i>Dnmt1</i> impairs leukemia stem cell function through derepression of bivalent chromatin domains. <i>Genes and Development</i> , 2012, 26, 344-349.	5.9	121
7	Innate immune pathways and inflammation in hematopoietic aging, clonal hematopoiesis, and MDS. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	88
8	Decline in IGF1 in the bone marrow microenvironment initiates hematopoietic stem cell aging. <i>Cell Stem Cell</i> , 2021, 28, 1473-1482.e7.	11.1	87
9	Progressive alterations in multipotent hematopoietic progenitors underlie lymphoid cell loss in aging. <i>Journal of Experimental Medicine</i> , 2016, 213, 2259-2267.	8.5	80
10	Sequentially inducible mouse models reveal that Npm1 mutation causes malignant transformation of Dnmt3a-mutant clonal hematopoiesis. <i>Leukemia</i> , 2019, 33, 1635-1649.	7.2	74
11	The lethal sex gap: COVID-19. <i>Immunity and Ageing</i> , 2020, 17, 13.	4.2	68
12	Hierarchical and Ontogenic Positions Serve to Define the Molecular Basis of Human Hematopoietic Stem Cell Behavior. <i>Developmental Cell</i> , 2005, 8, 651-663.	7.0	62
13	A Single cis Element Maintains Repression of the Key Developmental Regulator Gata2. <i>PLoS Genetics</i> , 2010, 6, e1001103.	3.5	48
14	Context-dependent function of GATA switch-sites in vivo. <i>Blood</i> , 2011, 117, 4769-4772.	1.4	47
15	Leukaemia cell of origin identified by chromatin landscape of bulk tumour cells. <i>Nature Communications</i> , 2016, 7, 12166.	12.8	47
16	Hand in hand: intrinsic and extrinsic drivers of aging and clonal hematopoiesis. <i>Experimental Hematology</i> , 2020, 91, 1-9.	0.4	42
17	A unique population of bone marrow cells migrates to skeletal muscle via hepatocyte growth factor/c-met axis. <i>Journal of Cell Science</i> , 2005, 118, 4343-4352.	2.0	38
18	Actinomycin D Targets NPM1c-Primed Mitochondria to Restore PML-Driven Senescence in AML Therapy. <i>Cancer Discovery</i> , 2021, 11, 3198-3213.	9.4	38

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19	TiF1-gamma plays an essential role in murine hematopoiesis and regulates transcriptional elongation of erythroid genes. <i>Developmental Biology</i> , 2013, 373, 422-430.	2.0	35
20	Hematopoietic stem cell biology: too much of a Wnt thing. <i>Nature Immunology</i> , 2006, 7, 1021-1023.	14.5	34
21	PRMT1-Mediated Translation Regulation Is a Crucial Vulnerability of Cancer. <i>Cancer Research</i> , 2017, 77, 4613-4625.	0.9	30
22	DNA methylation in adult stem cells: New insights into self-renewal. <i>Epigenetics</i> , 2010, 5, 189-193.	2.7	27
23	Wnt3a Activates Dormant c-Kit <sup>+</sup> Bone Marrow-Derived Cells with Short-Term Multilineage Hematopoietic Reconstitution Capacity. <i>Stem Cells</i> , 2010, 28, 1379-1389.	3.2	24
24	Aging-associated decrease in the histone acetyltransferase KAT6B is linked to altered hematopoietic stem cell differentiation. <i>Experimental Hematology</i> , 2020, 82, 43-52.e4.	0.4	18
25	Cell origin-dependent cooperativity of mutant <i>Dnmt3a</i> and <i>Npm1</i> in clonal hematopoiesis and myeloid malignancy. <i>Blood Advances</i> , 2022, 6, 3666-3677.	5.2	8
26	Heritable genetic background alters survival and phenotype of Mll-AF9-induced leukemias. <i>Experimental Hematology</i> , 2020, 89, 61-67.e3.	0.4	3
27	Context-specific tumor suppression by PHF6. <i>Blood</i> , 2019, 133, 1698-1700.	1.4	1
28	Lysine Methyltransferase Kmt5a Restricts Myeloid-Biased Output of Lymphoid-Primed Multipotent Progenitors. <i>Blood</i> , 2016, 128, 1487-1487.	1.4	1
29	The Mediator of Hematopoietic Stem Cell Homeostasis. <i>Cell Stem Cell</i> , 2016, 19, 677-678.	11.1	0
30	Open chromatin profiling as a novel strategy for identifying cancer cell of origin. <i>Molecular and Cellular Oncology</i> , 2016, 3, e1236770.	0.7	0
31	Single-Cell Analysis of Lymphoid-Primed Multipotent Progenitors (LMPPs) Reveal Alterations in Lineage Commitment during Aging. <i>Blood</i> , 2015, 126, 244-244.	1.4	0