

Leanne M Wiedemann

List of Publications by Year in descending order

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43
papers

7,879
citations

201674
27
h-index

243625
44
g-index

45
all docs

45
docs citations

45
times ranked

10076
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of the haematopoietic stem cell niche and control of the niche size. <i>Nature</i> , 2003, 425, 836-841.	27.8	2,633
2	BMP signaling inhibits intestinal stem cell self-renewal through suppression of Wnt β -catenin signaling. <i>Nature Genetics</i> , 2004, 36, 1117-1121.	21.4	948
3	PTEN maintains haematopoietic stem cells and acts in lineage choice and leukaemia prevention. <i>Nature</i> , 2006, 441, 518-522.	27.8	767
4	Sequencing of the sea lamprey (<i>Petromyzon marinus</i>) genome provides insights into vertebrate evolution. <i>Nature Genetics</i> , 2013, 45, 415-421.	21.4	588
5	Unique fusion of bcr and c-abl genes in Philadelphia chromosome positive acute lymphoblastic leukemia. <i>Cell</i> , 1987, 51, 33-40.	28.9	400
6	PTEN-deficient intestinal stem cells initiate intestinal polyposis. <i>Nature Genetics</i> , 2007, 39, 189-198.	21.4	391
7	Global Analysis of H3K4 Methylation Defines MLL Family Member Targets and Points to a Role for MLL1-Mediated H3K4 Methylation in the Regulation of Transcriptional Initiation by RNA Polymerase II. <i>Molecular and Cellular Biology</i> , 2009, 29, 6074-6085.	2.3	308
8	The sea lamprey germline genome provides insights into programmed genome rearrangement and vertebrate evolution. <i>Nature Genetics</i> , 2018, 50, 270-277.	21.4	262
9	Bone Morphogenetic Protein Signaling Inhibits Hair Follicle Anagen Induction by Restricting Epithelial Stem/Progenitor Cell Activation and Expansion. <i>Stem Cells</i> , 2006, 24, 2826-2839.	3.2	147
10	HEX: a novel homeobox gene expressed during haematopoiesis and conserved between mouse and human. <i>Nucleic Acids Research</i> , 1993, 21, 1245-1249.	14.5	142
11	Chapter 8 Hox Genes and Segmentation of the Vertebrate Hindbrain. <i>Current Topics in Developmental Biology</i> , 2009, 88, 103-137.	2.2	133
12	MLL2, the second human homolog of the <i>Drosophila</i> trithorax gene, maps to 19q13.1 and is amplified in solid tumor cell lines. <i>Oncogene</i> , 1999, 18, 7975-7984.	5.9	100
13	Regulation of dihydrofolate reductase gene expression in mouse fibroblasts during the transition from the resting to growing state. <i>Journal of Cellular Physiology</i> , 1978, 97, 397-406.	4.1	93
14	<i>Hoxb1</i> Enhancer and Control of Rhombomere 4 Expression: Complex Interplay between PREP1-PBX1-HOXB1 Binding Sites. <i>Molecular and Cellular Biology</i> , 2005, 25, 8541-8552.	2.3	83
15	Expression of <i>Hoxa2</i> in rhombomere 4 is regulated by a conserved cross-regulatory mechanism dependent upon <i>Hoxb1</i> . <i>Developmental Biology</i> , 2007, 302, 646-660.	2.0	73
16	Exon scrambling of MLL transcripts occur commonly and mimic partial genomic duplication of the gene. <i>Gene</i> , 1998, 208, 167-176.	2.2	71
17	The leukaemic oncoproteins Bcr-Abl and Tel-Abl (ETV6/Abl) have altered substrate preferences and activate similar intracellular signalling pathways. <i>Oncogene</i> , 2000, 19, 1684-1690.	5.9	69
18	A regulatory module embedded in the coding region of <i>Hoxa2</i> controls expression in rhombomere 2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 20077-20082.	7.1	67

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19	Direct crossregulation between retinoic acid receptor $\hat{1}^2$ and Hox genes during hindbrain segmentation. Development (Cambridge), 2005, 132, 503-513.	2.5	65
20	The fusion of <i>TEL</i> and <i>ABL</i> in human acute lymphoblastic leukaemia is a rare event. British Journal of Haematology, 1995, 90, 222-224.	2.5	56
21	Conservation and Diversity in the cis-Regulatory Networks That Integrate Information Controlling Expression of <i>Hoxa2</i> in Hindbrain and Cranial Neural Crest Cells in Vertebrates. Developmental Biology, 2002, 246, 45-56.	2.0	52
22	Evolution of cis elements in the differential expression of two <i>Hoxa2</i> coparalogous genes in pufferfish (<i>Takifugu rubripes</i>). Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 5419-5424.	7.1	50
23	A Hox-TALE regulatory circuit for neural crest patterning is conserved across vertebrates. Nature Communications, 2019, 10, 1189.	12.8	38
24	Characterization of the translocation breakpoint sequences in philadelphia-positive acute lymphoblastic leukemia. Genes Chromosomes and Cancer, 1990, 1, 233-239.	2.8	35
25	Tumor-initiating stem cell shapes its microenvironment into an immunosuppressive barrier and pro-tumorigenic niche. Cell Reports, 2021, 36, 109674.	6.4	33
26	An Activating Mutation in the ATP Binding Site of the ABL Kinase Domain. Journal of Biological Chemistry, 1996, 271, 19585-19591.	3.4	32
27	Isolation and characterization of a Pufferfish MLL (Mixed lineage leukemia)-like gene (fMLL) reveals evolutionary conservation in vertebrate genes related to <i>Drosophila trithorax</i> . Oncogene, 1998, 16, 3233-3241.	5.9	31
28	Haemopoietic transformation by the <i>TEL/ABL</i> oncogene. British Journal of Haematology, 1998, 102, 475-485.	2.5	31
29	MOLECULAR ANALYSIS OF BCR/ABL PRODUCTS IN A CASE OF MYELOYDYSPLASTIC SYNDROME WITH LATE APPEARING PHILADELPHIA CHROMOSOME. British Journal of Haematology, 1991, 78, 130-132.	2.5	23
30	Three functional ribosomal protein genes are unlinked in mouse genome. Somatic Cell and Molecular Genetics, 1987, 13, 77-80.	0.7	21
31	Chromosome 11q23 Abnormalities in Leukaemia. Leukemia and Lymphoma, 1994, 14, 11-17.	1.3	16
32	MLL-ENL cooperates with SCF to transform primary avian multipotent cells. EMBO Journal, 2002, 21, 4297-4306.	7.8	15
33	Inhibition of dihydrofolate reductase gene expression following serum withdrawal or db-cAMP addition in methotrexate-resistant mouse fibroblasts. Experimental Cell Research, 1982, 141, 159-169.	2.6	14
34	Philadelphia chromosome-positive leukaemia: the translocated genes and their gene products. Best Practice and Research: Clinical Haematology, 1992, 5, 897-930.	1.1	14
35	Analysis of the region of the 5' end of the MLL gene involved in genomic duplication events. British Journal of Haematology, 1999, 105, 256-264.	2.5	14
36	Genomic structure, cDNA mapping, and chromosomal localization of the mouse homeobox gene, Hex. Mammalian Genome, 1999, 10, 1023-1025.	2.2	14

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37	How are cancer associated genes activated or inactivated?. European Journal of Cancer, 1992, 28, 248-251.	2.8	10
38	Analyses of fugu <i>hoxa2</i> genes provide evidence for subfunctionalization of neural crest cell and rhombomere cis-regulatory modules during vertebrate evolution. Developmental Biology, 2016, 409, 530-542.	2.0	10
39	Expression and protein-binding studies of the EEN gene family, new interacting partners for dynamin, synaptojanin and huntingtin proteins. Biochemical Journal, 2000, 348, 447.	3.7	8
40	The genomic breakpoint in a patient with Philadelphia-positive acute leukemia is 5' of the breakpoint cluster region. Cancer Genetics and Cytogenetics, 1988, 32, 217-227.	1.0	4
41	Chromosome rearrangement, oncogene activation, and other clonal events in cancer: Their use in molecular diagnostics. Journal of Pathology, 1991, 163, 7-12.	4.5	3
42	Inter-rhombomeric interactions reveal roles for fibroblast growth factors signaling in segmental regulation of <i>EphA4</i> expression. Developmental Dynamics, 2020, 249, 354-368.	1.8	3
43	Etiological Mechanisms in Childhood Acute Lymphoblastic Leukemia. , 1991, , 3-22.		0