

Anne Kathrin Voss

List of Publications by Year in descending order

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93
papers

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61984

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docs citations

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times ranked

8435
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#	ARTICLE	IF	CITATIONS
1	The histone lysine acetyltransferase HBO1 (KAT7) regulates hematopoietic stem cell quiescence and self-renewal. <i>Blood</i> , 2022, 139, 845-858.	1.4	25
2	Loss of TAF8 causes TFIID dysfunction and p53-mediated apoptotic neuronal cell death. <i>Cell Death and Differentiation</i> , 2022, 29, 1013-1027.	11.2	6
3	Some mice lacking intrinsic, as well as death receptor induced apoptosis and necroptosis, can survive to adulthood. <i>Cell Death and Disease</i> , 2022, 13, 317.	6.3	5
4	The histone acetyltransferase HBO1 promotes efficient tip cell sprouting during angiogenesis. <i>Development (Cambridge)</i> , 2021, 148, .	2.5	4
5	The essentials of developmental apoptosis. <i>F1000Research</i> , 2020, 9, 148.	1.6	84
6	Downregulation of the GHRH/GH/IGF-1 axis in a mouse model of BÅrjjeson-Forssman-Lehman Syndrome. <i>Development (Cambridge)</i> , 2020, 147, .	2.5	4
7	MOZ directs the distal-less homeobox gene expression program during craniofacial development. <i>Development (Cambridge)</i> , 2019, 146, .	2.5	17
8	Are transplantable stem cells required for adult hematopoiesis?. <i>Experimental Hematology</i> , 2019, 75, 1-10.	0.4	12
9	Loss of p53 Causes Stochastic Aberrant X-Chromosome Inactivation and Female-Specific Neural Tube Defects. <i>Cell Reports</i> , 2019, 27, 442-454.e5.	6.4	37
10	Chromatin regulation by Histone H4 acetylation at Lysine 16 during cell death and differentiation in the myeloid compartment. <i>Nucleic Acids Research</i> , 2019, 47, 5016-5037.	14.5	23
11	PHF6 regulates hematopoietic stem and progenitor cells and its loss synergizes with expression of TLX3 to cause leukemia. <i>Blood</i> , 2019, 133, 1729-1741.	1.4	40
12	Homozygous TAF8 mutation in a patient with intellectual disability results in undetectable TAF8 protein, but preserved RNA polymerase II transcription. <i>Human Molecular Genetics</i> , 2018, 27, 2171-2186.	2.9	22
13	Subtle Changes in the Levels of BCL-2 Proteins Cause Severe Craniofacial Abnormalities. <i>Cell Reports</i> , 2018, 24, 3285-3295.e4.	6.4	35
14	Mutant TRP53 exerts a target gene-selective dominant-negative effect to drive tumor development. <i>Genes and Development</i> , 2018, 32, 1420-1429.	5.9	29
15	Embryogenesis and Adult Life in the Absence of Intrinsic Apoptosis Effectors BAX, BAK, and BOK. <i>Cell</i> , 2018, 173, 1217-1230.e17.	28.9	155
16	Inhibitors of histone acetyltransferases KAT6A/B induce senescence and arrest tumour growth. <i>Nature</i> , 2018, 560, 253-257.	27.8	182
17	Histone Lysine and Genomic Targets of Histone Acetyltransferases in Mammals. <i>BioEssays</i> , 2018, 40, e1800078.	2.5	88
18	Cortical Layer Inversion and Dereglulation of Reelin Signaling in the Absence of SOCS6 and SOCS7. <i>Cerebral Cortex</i> , 2017, 27, bhv253.	2.9	13

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19	Essential role for the histone acetyltransferase KAT7 in T cell development, fitness, and survival. <i>Journal of Leukocyte Biology</i> , 2017, 101, 887-892.	3.3	25
20	MOZ and BMI1 act synergistically to maintain hematopoietic stem cells. <i>Experimental Hematology</i> , 2017, 47, 83-97.e8.	0.4	15
21	MOZ (KAT6A) is essential for the maintenance of classically defined adult hematopoietic stem cells. <i>Blood</i> , 2016, 128, 2307-2318.	1.4	74
22	Acetylation of the Cd8 Locus by KAT6A Determines Memory T Cell Diversity. <i>Cell Reports</i> , 2016, 16, 3311-3321.	6.4	25
23	MOF maintains transcriptional programs regulating cellular stress response. <i>Oncogene</i> , 2016, 35, 2698-2710.	5.9	51
24	MOZ regulates B-cell progenitors and, consequently, Moz haploinsufficiency dramatically retards MYC-induced lymphoma development. <i>Blood</i> , 2015, 125, 1910-1921.	1.4	47
25	Response to Heard et al. <i>EMBO Journal</i> , 2015, 34, 2396-2397.	7.8	5
26	MOZ (MYST3, KAT6A) inhibits senescence via the INK4A-ARF pathway. <i>Oncogene</i> , 2015, 34, 5807-5820.	5.9	61
27	MOZ and BMI1 play opposing roles during <i>Hox</i> gene activation in ES cells and in body segment identity specification in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 5437-5442.	7.1	28
28	The class II PI 3-kinase, PI3KC2 β , links platelet internal membrane structure to shear-dependent adhesive function. <i>Nature Communications</i> , 2015, 6, 6535.	12.8	67
29	Mesodermal expression of Moz is necessary for cardiac septum development. <i>Developmental Biology</i> , 2015, 403, 22-29.	2.0	21
30	TNFR1-dependent cell death drives inflammation in Sharpin-deficient mice. <i>ELife</i> , 2014, 3, .	6.0	232
31	A new mouse model of Canavan leukodystrophy displays hearing impairment due to central nervous system dysmyelination. <i>DMM Disease Models and Mechanisms</i> , 2014, 7, 649-57.	2.4	12
32	Excessive versus Physiologically Relevant Levels of Retinoic Acid in Embryonic Stem Cell Differentiation. <i>Stem Cells</i> , 2014, 32, 1451-1458.	3.2	16
33	Regulation of germinal center responses and B-cell memory by the chromatin modifier MOZ. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 9585-9590.	7.1	52
34	Pro-apoptotic BIM is an essential initiator of physiological endothelial cell death independent of regulation by FOXO3. <i>Cell Death and Differentiation</i> , 2014, 21, 1687-1695.	11.2	19
35	Loss of <i>caspase-2</i> augments lymphomagenesis and enhances genomic instability in <i>Atm</i> -deficient mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 19920-19925.	7.1	65
36	Consequences of the combined loss of BOK and BAK or BOK and BAX. <i>Cell Death and Disease</i> , 2013, 4, e650-e650.	6.3	62

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37	IAPs limit activation of RIP kinases by TNF receptor 1 during development. <i>EMBO Journal</i> , 2012, 31, 1679-1691.	7.8	180
38	Querkopf is a key marker of self-renewal and multipotency of adult neural stem cells. <i>Journal of Cell Science</i> , 2012, 125, 295-309.	2.0	38
39	Proteomic and Metabolomic Analyses of Mitochondrial Complex I-deficient Mouse Model Generated by Spontaneous B2 Short Interspersed Nuclear Element (SINE) Insertion into NADH Dehydrogenase (Ubiquinone) Fe-S Protein 4 (Ndufs4) Gene. <i>Journal of Biological Chemistry</i> , 2012, 287, 20652-20663.	3.4	58
40	Migration of sympathetic preganglionic neurons in the spinal cord of a C3G-deficient mouse suggests that C3G acts in the reelin signaling pathway. <i>Journal of Comparative Neurology</i> , 2012, 520, 3194-3202.	1.6	8
41	MOZ Regulates the Tbx1 Locus, and Moz Mutation Partially Phenocopies DiGeorge Syndrome. <i>Developmental Cell</i> , 2012, 23, 652-663.	7.0	84
42	BCL-2 family member BOK is widely expressed but its loss has only minimal impact in mice. <i>Cell Death and Differentiation</i> , 2012, 19, 915-925.	11.2	99
43	Chromatin Immunoprecipitation of Mouse Embryos. <i>Methods in Molecular Biology</i> , 2012, 809, 335-352.	0.9	13
44	ERG dependence distinguishes developmental control of hematopoietic stem cell maintenance from hematopoietic specification. <i>Genes and Development</i> , 2011, 25, 251-262.	5.9	99
45	Whole-Exome-Sequencing Identifies Mutations in Histone Acetyltransferase Gene KAT6B in Individuals with the Say-Barber-Biesecker Variant of Ohdo Syndrome. <i>American Journal of Human Genetics</i> , 2011, 89, 675-681.	6.2	156
46	Respiratory distress and perinatal lethality in Nedd4-2-deficient mice. <i>Nature Communications</i> , 2011, 2, 287.	12.8	85
47	HBO1 Is Required for H3K14 Acetylation and Normal Transcriptional Activity during Embryonic Development. <i>Molecular and Cellular Biology</i> , 2011, 31, 845-860.	2.3	138
48	Disruption of the histone acetyltransferase MYST4 leads to a Noonan syndrome-like phenotype and hyperactivated MAPK signaling in humans and mice. <i>Journal of Clinical Investigation</i> , 2011, 121, 3479-3491.	8.2	89
49	Gene Network Disruptions and Neurogenesis Defects in the Adult Ts1Cje Mouse Model of Down Syndrome. <i>PLoS ONE</i> , 2010, 5, e11561.	2.5	44
50	NHS-A isoform of the NHS gene is a novel interactor of ZO-1. <i>Experimental Cell Research</i> , 2009, 315, 2358-2372.	2.6	22
51	MYST family histone acetyltransferases take center stage in stem cells and development. <i>BioEssays</i> , 2009, 31, 1050-1061.	2.5	96
52	Moz and Retinoic Acid Coordinately Regulate H3K9 Acetylation, Hox Gene Expression, and Segment Identity. <i>Developmental Cell</i> , 2009, 17, 674-686.	7.0	144
53	The transcription factor Erg is essential for definitive hematopoiesis and the function of adult hematopoietic stem cells. <i>Nature Immunology</i> , 2008, 9, 810-819.	14.5	232
54	Mof (MYST1 or KAT8) Is Essential for Progression of Embryonic Development Past the Blastocyst Stage and Required for Normal Chromatin Architecture. <i>Molecular and Cellular Biology</i> , 2008, 28, 5093-5105.	2.3	148

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55	C3G regulates cortical neuron migration, preplate splitting and radial glial cell attachment. <i>Development (Cambridge)</i> , 2008, 135, 2139-2149.	2.5	78
56	Hrk/DP5 contributes to the apoptosis of select neuronal populations but is dispensable for haematopoietic cell apoptosis. <i>Journal of Cell Science</i> , 2007, 120, 2044-2052.	2.0	59
57	The Diverse Biological Roles of MYST Histone Acetyltransferase Family Proteins. <i>Cell Cycle</i> , 2007, 6, 696-704.	2.6	72
58	The genes coding for the MYST family histone acetyltransferases, Tip60 and Mof, are expressed at high levels during sperm development. <i>Gene Expression Patterns</i> , 2007, 7, 657-665.	0.8	40
59	Protein and gene expression analysis of Phf6, the gene mutated in the BÄrrjesonâ€“Forssmanâ€“Lehmann Syndrome of intellectual disability and obesity. <i>Gene Expression Patterns</i> , 2007, 7, 858-871.	0.8	45
60	Transcriptional profiling of mouse and human ES cells identifies SLAIN1, a novel stem cell gene. <i>Developmental Biology</i> , 2006, 293, 90-103.	2.0	50
61	C3G regulates the size of the cerebral cortex neural precursor population. <i>EMBO Journal</i> , 2006, 25, 3652-3663.	7.8	43
62	Absence of Suppressor of Cytokine Signalling 3 Reduces Self-Renewal and Promotes Differentiation in Murine Embryonic Stem Cells. <i>Stem Cells</i> , 2006, 24, 604-614.	3.2	51
63	The Transcriptional Coactivator Querkopf Controls Adult Neurogenesis. <i>Journal of Neuroscience</i> , 2006, 26, 11359-11370.	3.6	117
64	Monocytic leukemia zinc finger protein is essential for the development of long-term reconstituting hematopoietic stem cells. <i>Genes and Development</i> , 2006, 20, 1175-1186.	5.9	148
65	Breaking an Absolute Species Barrier: Transgenic Mice Expressing the Mink PrP Gene Are Susceptible to Transmissible Mink Encephalopathy. <i>Journal of Virology</i> , 2005, 79, 14971-14975.	3.4	19
66	Querkopf, a histone acetyltransferase, is essential for embryonic neurogenesis. <i>Frontiers in Bioscience - Landmark</i> , 2004, 9, 24.	3.0	17
67	The Transcription Factors c-rel and RelA Control Epidermal Development and Homeostasis in Embryonic and Adult Skin via Distinct Mechanisms. <i>Molecular and Cellular Biology</i> , 2004, 24, 5733-5745.	2.3	75
68	Development of hydrocephalus in mice lacking SOCS7. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 15446-15451.	7.1	57
69	Interaction of the PAS B Domain with HSP90 Accelerates Hypoxia-Inducible Factor-1Î± Stabilization. <i>Cellular Physiology and Biochemistry</i> , 2004, 14, 351-360.	1.6	121
70	Inositol- and folate-resistant neural tube defects in mice lacking the epithelial-specific factor Grhl-3. <i>Nature Medicine</i> , 2003, 9, 1513-1519.	30.7	165
71	Mutations in a Novel Gene, NHS, Cause the Pleiotropic Effects of Nance-Horan Syndrome, Including Severe Congenital Cataract, Dental Anomalies, and Mental Retardation. <i>American Journal of Human Genetics</i> , 2003, 73, 1120-1130.	6.2	107
72	The guanine nucleotide exchange factor C3G is necessary for the formation of focal adhesions and vascular maturation. <i>Development (Cambridge)</i> , 2003, 130, 355-367.	2.5	64

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73	Gcm1 expression defines three stages of chorio-allantoic interaction during placental development. <i>Mechanisms of Development</i> , 2002, 115, 27-34.	1.7	46
74	Purification of a pluripotent neural stem cell from the adult mouse brain. <i>Nature</i> , 2001, 412, 736-739.	27.8	629
75	Identification of Novel Genes by Gene Trap Mutagenesis. , 2001, 175, 377-396.		2
76	A new gene trap construct enriching for insertion events near the 5' end of genes. <i>Transgenic Research</i> , 2000, 9, 395-404.	2.4	7
77	The Murine Gene, Traube, Is Essential for the Growth of Preimplantation Embryos. <i>Developmental Biology</i> , 2000, 227, 324-342.	2.0	54
78	Expression of PTTG and prc1 genes during telencephalic neurogenesis. <i>Mechanisms of Development</i> , 2000, 92, 301-304.	1.7	15
79	Efficiency assessment of the gene trap approach. , 1998, 212, 171-180.		67
80	Distribution of a murine protein tyrosine phosphatase BL- β -galactosidase fusion protein suggests a role in neurite outgrowth. , 1998, 212, 250-257.		18
81	Compensation for a gene trap mutation in the murine microtubule-associated protein 4 locus by alternative polyadenylation and alternative splicing. , 1998, 212, 258-266.		43
82	Germ Line Chimeras from Female ES Cells. <i>Experimental Cell Research</i> , 1997, 230, 45-49.	2.6	60
83	Initiation in Vitro of Growth of Bovine Primordial Follicles1. <i>Biology of Reproduction</i> , 1996, 55, 942-948.	2.7	284
84	Senescence of aortic endothelial cells in culture: Effects of basic fibroblast growth factor expression on cell phenotype, migration, and proliferation. <i>Journal of Cellular Physiology</i> , 1993, 157, 279-288.	4.1	58
85	Oxytocin gene expression and action in bovine preovulatory follicles. <i>Regulatory Peptides</i> , 1993, 45, 257-261.	1.9	9
86	Estradiol-17 β has a Biphasic Effect on Oxytocin Secretion by Bovine Granulosa Cells1. <i>Biology of Reproduction</i> , 1993, 48, 1404-1409.	2.7	35
87	Levels of messenger ribonucleic acid for cholesterol side-chain cleavage cytochrome P-450 and 3 beta-hydroxysteroid dehydrogenase in bovine preovulatory follicles decrease after the luteinizing hormone surge. <i>Endocrinology</i> , 1993, 132, 888-894.	2.8	11
88	Levels of messenger ribonucleic acid for cytochrome P450 17 alpha-hydroxylase and P450 aromatase in preovulatory bovine follicles decrease after the luteinizing hormone surge. <i>Endocrinology</i> , 1993, 132, 2239-2245.	2.8	22
89	Oxytocin/neurophysin-I messenger ribonucleic acid in bovine granulosa cells increases after the luteinizing hormone (LH) surge and is stimulated by LH in vitro. <i>Endocrinology</i> , 1992, 131, 2755-2762.	2.8	13
90	Oxytocin stimulates progesterone production by bovine granulosa cells isolated before, but not after, the luteinizing hormone surge. <i>Molecular and Cellular Endocrinology</i> , 1991, 78, 17-24.	3.2	26

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91	Cell-specific, developmentally and hormonally regulated expression of the rabbit uteroglobin transgene and the endogenous mouse uteroglobin gene in transgenic mice. <i>Mechanisms of Development</i> , 1991, 34, 57-67.	1.7	29
92	Oxytocin Secretion by Bovine Granulosa Cells: Effects of Stage of Follicular Development, Gonadotropins, and Coculture with Theca Interna. <i>Endocrinology</i> , 1991, 128, 1991-1999.	2.8	42
93	A comparison of mouse and rabbit embryos for the production of transgenic animals by pronuclear microinjection. <i>Theriogenology</i> , 1990, 34, 813-824.	2.1	7