Anne Kathrin Voss

List of Publications by Year
in descending order

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93	6,196	61984	74163
papers	citations	43 h-index	75 g-index

93	93	93	8435
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Purification of a pluripotent neural stem cell from the adult mouse brain. Nature, 2001, 412, 736-739.	27.8	629
2	Initiation in Vitro of Growth of Bovine Primordial Follicles1. Biology of Reproduction, 1996, 55, 942-948.	2.7	284
3	The transcription factor Erg is essential for definitive hematopoiesis and the function of adult hematopoietic stem cells. Nature Immunology, 2008, 9, 810-819.	14.5	232
4	TNFR1-dependent cell death drives inflammation in Sharpin-deficient mice. ELife, 2014, 3, .	6.0	232
5	Inhibitors of histone acetyltransferases KAT6A/B induce senescence and arrest tumour growth. Nature, 2018, 560, 253-257.	27.8	182
6	IAPs limit activation of RIP kinases by TNF receptor 1 during development. EMBO Journal, 2012, 31, 1679-1691.	7.8	180
7	Inositol- and folate-resistant neural tube defects in mice lacking the epithelial-specific factor Grhl-3. Nature Medicine, 2003, 9, 1513-1519.	30.7	165
8	Whole-Exome-Sequencing Identifies Mutations in Histone Acetyltransferase Gene KAT6B in Individuals with the Say-Barber-Biesecker Variant of Ohdo Syndrome. American Journal of Human Genetics, 2011, 89, 675-681.	6.2	156
9	Embryogenesis and Adult Life in the Absence of Intrinsic Apoptosis Effectors BAX, BAK, and BOK. Cell, 2018, 173, 1217-1230.e17.	28.9	155
10	Monocytic leukemia zinc finger protein is essential for the development of long-term reconstituting hematopoietic stem cells. Genes and Development, 2006, 20, 1175-1186.	5.9	148
11	Mof (MYST1 or KAT8) Is Essential for Progression of Embryonic Development Past the Blastocyst Stage and Required for Normal Chromatin Architecture. Molecular and Cellular Biology, 2008, 28, 5093-5105.	2.3	148
12	Moz and Retinoic Acid Coordinately Regulate H3K9 Acetylation, Hox Gene Expression, and Segment Identity. Developmental Cell, 2009, 17, 674-686.	7.0	144
13	HBO1 Is Required for H3K14 Acetylation and Normal Transcriptional Activity during Embryonic Development. Molecular and Cellular Biology, 2011, 31, 845-860.	2.3	138
14	Interaction of the PAS B Domain with HSP90 Accelerates Hypoxia-Inducible Factor-1Î± Stabilization. Cellular Physiology and Biochemistry, 2004, 14, 351-360.	1.6	121
15	The Transcriptional Coactivator Querkopf Controls Adult Neurogenesis. Journal of Neuroscience, 2006, 26, 11359-11370.	3.6	117
16	Mutations in a Novel Gene, NHS, Cause the Pleiotropic Effects of Nance-Horan Syndrome, Including Severe Congenital Cataract, Dental Anomalies, and Mental Retardation. American Journal of Human Genetics, 2003, 73, 1120-1130.	6.2	107
17	ERG dependence distinguishes developmental control of hematopoietic stem cell maintenance from hematopoietic specification. Genes and Development, 2011, 25, 251-262.	5.9	99
18	BCL-2 family member BOK is widely expressed but its loss has only minimal impact in mice. Cell Death and Differentiation, 2012, 19, 915-925.	11.2	99

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19	MYST family histone acetyltransferases take center stage in stem cells and development. BioEssays, 2009, 31, 1050-1061.	2.5	96
20	Disruption of the histone acetyltransferase MYST4 leads to a Noonan syndromeâ€“like phenotype and hyperactivated MAPK signaling in humans and mice. Journal of Clinical Investigation, 2011, 121, 3479-3491.	8.2	89
21	Histone Lysine and Genomic Targets of Histone Acetyltransferases in Mammals. BioEssays, 2018, 40, e1800078.	2.5	88
22	Respiratory distress and perinatal lethality in Nedd4-2-deficient mice. Nature Communications, 2011, 2, 287.	12.8	85
23	MOZ Regulates the Tbx1 Locus, and Moz Mutation Partially Phenocopies DiGeorge Syndrome. Developmental Cell, 2012, 23, 652-663.	7.0	84
24	The essentials of developmental apoptosis. F1000Research, 2020, 9, 148.	1.6	84
25	C3G regulates cortical neuron migration, preplate splitting and radial glial cell attachment. Development (Cambridge), 2008, 135, 2139-2149.	2.5	78
26	The Transcription Factors c-rel and RelA Control Epidermal Development and Homeostasis in Embryonic and Adult Skin via Distinct Mechanisms. Molecular and Cellular Biology, 2004, 24, 5733-5745.	2.3	75
27	MOZ (KAT6A) is essential for the maintenance of classically defined adult hematopoietic stem cells. Blood, 2016, 128, 2307-2318.	1.4	74
28	The Diverse Biological Roles of MYST Histone Acetyltransferase Family Proteins. Cell Cycle, 2007, 6, 696-704.	2.6	72
29	Efficiency assessment of the gene trap approach. , 1998, 212, 171-180.		67
30	The class II PI 3-kinase, PI3KC2Î±, links platelet internal membrane structure to shear-dependent adhesive function. Nature Communications, 2015, 6, 6535.	12.8	67
31	Loss of caspase-2 augments lymphomagenesis and enhances genomic instability in Atm -deficient mice. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 19920-19925.	7.1	65
32	The guanine nucleotide exchange factor C3G is necessary for the formation of focal adhesions and vascular maturation. Development (Cambridge), 2003, 130, 355-367.	2.5	64
33	Consequences of the combined loss of BOK and BAK or BOK and BAX. Cell Death and Disease, 2013, 4, e650-e650.	6.3	62
34	MOZ (MYST3, KAT6A) inhibits senescence via the INK4A-ARF pathway. Oncogene, 2015, 34, 5807-5820.	5.9	61
35	Germ Line Chimeras from Female ES Cells. Experimental Cell Research, 1997, 230, 45-49.	2.6	60
36	Hrk/DP5 contributes to the apoptosis of select neuronal populations but is dispensable for haematopoietic cell apoptosis. Journal of Cell Science, 2007, 120, 2044-2052.	2.0	59

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37	Senescence of aortic endothelial cells in culture: Effects of basic fibroblast growth factor expression on cell phenotype, migration, and proliferation. Journal of Cellular Physiology, 1993, 157, 279-288.	4.1	58
38	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. Journal of Biological Chemistry, 2012, 287, 20652-20663.	3.4	58
39	Development of hydrocephalus in mice lacking SOCS7. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 15446-15451.	7.1	57
40	The Murine Gene, Traube, Is Essential for the Growth of Preimplantation Embryos. Developmental Biology, 2000, 227, 324-342.	2.0	54
41	Regulation of germinal center responses and B-cell memory by the chromatin modifier MOZ. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 9585-9590.	7.1	52
42	Absence of Suppressor of Cytokine Signalling 3 Reduces Self-Renewal and Promotes Differentiation in Murine Embryonic Stem Cells. Stem Cells, 2006, 24, 604-614.	3.2	51
43	MOF maintains transcriptional programs regulating cellular stress response. Oncogene, 2016, 35, 2698-2710.	5.9	51
44	Transcriptional profiling of mouse and human ES cells identifies SLAIN1, a novel stem cell gene. Developmental Biology, 2006, 293, 90-103.	2.0	50
45	MOZ regulates B-cell progenitors and, consequently, Moz haploinsufficiency dramatically retards MYC-induced lymphoma development. Blood, 2015, 125, 1910-1921.	1.4	47
46	Gcm1 expression defines three stages of chorio-allantoic interaction during placental development. Mechanisms of Development, 2002, 115, 27-34.	1.7	46
47	Protein and gene expression analysis of Phf6, the gene mutated in the BÃ¶rjesonâ€“Forssmanâ€“Lehmann Syndrome of intellectual disability and obesity. Gene Expression Patterns, 2007, 7, 858-871.	0.8	45
48	Gene Network Disruptions and Neurogenesis Defects in the Adult Ts1Cje Mouse Model of Down Syndrome. PLoS ONE, 2010, 5, e11561.	2.5	44
49	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
50	C3G regulates the size of the cerebral cortex neural precursor population. EMBO Journal, 2006, 25, 3652-3663.	7.8	43
51	Oxytocin Secretion by Bovine Granulosa Cells: Effects of Stage of Follicular Development, Gonadotropins, and Coculture with Theca Interna. Endocrinology, 1991, 128, 1991-1999.	2.8	42
52	The genes coding for the MYST family histone acetyltransferases, Tip60 and Mof, are expressed at high levels during sperm development. Gene Expression Patterns, 2007, 7, 657-665.	0.8	40
53	PHF6 regulates hematopoietic stem and progenitor cells and its loss synergizes with expression of TLX3 to cause leukemia. Blood, 2019, 133, 1729-1741.	1.4	40
54	Querkopf is a key marker of self-renewal and multipotency of adult neural stem cells. Journal of Cell Science, 2012, 125, 295-309.	2.0	38

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55	Loss of p53 Causes Stochastic Aberrant X-Chromosome Inactivation and Female-Specific Neural Tube Defects. Cell Reports, 2019, 27, 442-454.e5.	6.4	37
56	Estradiol-17Î² has a Biphasic Effect on Oxytocin Secretion by Bovine Granulosa Cells1. Biology of Reproduction, 1993, 48, 1404-1409.	2.7	35
57	Subtle Changes in the Levels of BCL-2 Proteins Cause Severe Craniofacial Abnormalities. Cell Reports, 2018, 24, 3285-3295.e4.	6.4	35
58	Cell-specific, developmentally and hormonally regulated expression of the rabbit uteroglobin transgene and the endogenous mouse uteroglobin gene in transgenic mice. Mechanisms of Development, 1991, 34, 57-67.	1.7	29
59	Mutant TRP53 exerts a target gene-selective dominant-negative effect to drive tumor development. Genes and Development, 2018, 32, 1420-1429.	5.9	29
60	MOZ and BMI1 play opposing roles during Hox gene activation in ES cells and in body segment identity specification in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 5437-5442.	7.1	28
61	Oxytocin stimulates progesterone production by bovine granulosa cells isolated before, but not after, the luteinizing hormone surge. Molecular and Cellular Endocrinology, 1991, 78, 17-24.	3.2	26
62	Acetylation of the Cd8 Locus by KAT6A Determines Memory T Cell Diversity. Cell Reports, 2016, 16, 3311-3321.	6.4	25
63	Essential role for the histone acetyltransferase KAT7 in T cell development, fitness, and survival. Journal of Leukocyte Biology, 2017, 101, 887-892.	3.3	25
64	The histone lysine acetyltransferase HBO1 (KAT7) regulates hematopoietic stem cell quiescence and self-renewal. Blood, 2022, 139, 845-858.	1.4	25
65	Chromatin regulation by Histone H4 acetylation at Lysine 16 during cell death and differentiation in the myeloid compartment. Nucleic Acids Research, 2019, 47, 5016-5037.	14.5	23
66	NHS-A isoform of the NHS gene is a novel interactor of ZO-1. Experimental Cell Research, 2009, 315, 2358-2372.	2.6	22
67	Homozygous TAF8 mutation in a patient with intellectual disability results in undetectable TAF8 protein, but preserved RNA polymerase II transcription. Human Molecular Genetics, 2018, 27, 2171-2186.	2.9	22
68	Levels of messenger ribonucleic acid for cytochrome P450 17 alpha- hydroxylase and P450 aromatase in preovulatory bovine follicles decrease after the luteinizing hormone surge. Endocrinology, 1993, 132, 2239-2245.	2.8	22
69	Mesodermal expression of Moz is necessary for cardiac septum development. Developmental Biology, 2015, 403, 22-29.	2.0	21
70	Breaking an Absolute Species Barrier: Transgenic Mice Expressing the Mink PrP Gene Are Susceptible to Transmissible Mink Encephalopathy. Journal of Virology, 2005, 79, 14971-14975.	3.4	19
71	Pro-apoptotic BIM is an essential initiator of physiological endothelial cell death independent of regulation by FOXO3. Cell Death and Differentiation, 2014, 21, 1687-1695.	11.2	19
72	Distribution of a murine protein tyrosine phosphatase BL-Î²-galactosidase fusion protein suggests a role in neurite outgrowth. , 1998, 212, 250-257.		18

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73	Querkopf, a histone acetyltransferase, is essential for embryonic neurogenesis. Frontiers in Bioscience - Landmark, 2004, 9, 24.	3.0	17
74	MOZ directs the distal-less homeobox gene expression program during craniofacial development. Development (Cambridge), 2019, 146, .	2.5	17
75	Excessive versus Physiologically Relevant Levels of Retinoic Acid in Embryonic Stem Cell Differentiation. Stem Cells, 2014, 32, 1451-1458.	3.2	16
76	Expression of PTTG and prc1 genes during telencephalic neurogenesis. Mechanisms of Development, 2000, 92, 301-304.	1.7	15
77	MOZ and BMI1 act synergistically to maintain hematopoietic stem cells. Experimental Hematology, 2017, 47, 83-97.e8.	0.4	15
78	Cortical Layer Inversion and Deregulation of Reelin Signaling in the Absence of SOCS6 and SOCS7. Cerebral Cortex, 2017, 27, bhv253.	2.9	13
79	Chromatin Immunoprecipitation of Mouse Embryos. Methods in Molecular Biology, 2012, 809, 335-352.	0.9	13
80	Oxytocin/neurophysin-I messenger ribonucleic acid in bovine granulosa cells increases after the luteinizing hormone (LH) surge and is stimulated by LH in vitro. Endocrinology, 1992, 131, 2755-2762.	2.8	13
81	A new mouse model of Canavan leukodystrophy displays hearing impairment due to central nervous system dysmyelination. DMM Disease Models and Mechanisms, 2014, 7, 649-57.	2.4	12
82	Are transplantable stem cells required for adult hematopoiesis?. Experimental Hematology, 2019, 75, 1-10.	0.4	12
83	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. Endocrinology, 1993, 132, 888-894.	2.8	11
84	Oxytocin gene expression and action in bovine preovulatory follicles. Regulatory Peptides, 1993, 45, 257-261.	1.9	9
85	Migration of sympathetic preganglionic neurons in the spinal cord of a C3Gâ€deficient mouse suggests that C3G acts in the reelin signaling pathway. Journal of Comparative Neurology, 2012, 520, 3194-3202.	1.6	8
86	A comparison of mouse and rabbit embryos for the production of transgenic animals by pronuclear microinjection. Theriogenology, 1990, 34, 813-824.	2.1	7
87	A new gene trap construct enriching for insertion events near the 5' end of genes. Transgenic Research, 2000, 9, 395-404.	2.4	7
88	Loss of TAF8 causes TFIID dysfunction and p53-mediated apoptotic neuronal cell death. Cell Death and Differentiation, 2022, 29, 1013-1027.	11.2	6
89	Response to Heard etÂal. EMBO Journal, 2015, 34, 2396-2397.	7.8	5
90	Some mice lacking intrinsic, as well as death receptor induced apoptosis and necroptosis, can survive to adulthood. Cell Death and Disease, 2022, 13, 317.	6.3	5

#	Article	IF	Citations
91	The histone acetyltransferase HBO1 promotes efficient tip cell sprouting during angiogenesis. Development (Cambridge), 2021, 148, .	2.5	4
92	Downregulation of the GHRH/GH/IGF-1 axis in a mouse model of BÃ¶rjeson-Forssman-Lehman Syndrome. Development (Cambridge), 2020, 147, .	2.5	4
93	Identification of Novel Genes by Gene Trap Mutagenesis. , 2001, 175, 377-396.		2