Bernhard G Herrmann

List of Publications by Year
in descending order

40 papers	4,844 citations	24 h-index (257101)	38 g-index (315357)
41 all docs	41 docs citations	41 times ranked	5761 citing authors

#	Article	IF	Citations
1	PWD/Ph-Encoded Genetic Variants Modulate the Cellular Wnt/Î²-Catenin Response to Suppress <i>Apc</i>Min-Triggered Intestinal Tumor Formation. Cancer Research, 2021, 81, 38-49.	0.4	0
2	Generation of Mouse Pluripotent Stem Cell-derived Trunk-like Structures: An in vitro Model of Post-implantation Embryogenesis. Bio-protocol, 2021, 11, e4042.	0.2	3
3	RAC1 controls progressive movement and competitiveness of mammalian spermatozoa. PLoS Genetics, 2021, 17, e1009308.	1.5	9
4	Modeling mammalian trunk development in a dish. Developmental Biology, 2021, 474, 5-15.	0.9	18
5	A 37â€…kb region upstream of <i>brachyury</i> comprising a notochord enhancer is essential for notochord and tail development. Development (Cambridge), 2021, 148, .	1.2	9
6	Mouse embryonic stem cells self-organize into trunk-like structures with neural tube and somites. Science, 2020, 370, .	6.0	193
7	Cell type-dependent differential activation of ERK by oncogenic KRAS in colon cancer and intestinal epithelium. Nature Communications, 2019, 10, 2919.	5.8	70
8	Two isoforms of the RAC-specific guanine nucleotide exchange factor TIAM2 act oppositely on transmission ratio distortion by the mouse t-haplotype. PLoS Genetics, 2019, 15, e1007964.	1.5	17
9	BRACHYURY directs histone acetylation to target loci during mesoderm development. EMBO Reports, 2018, 19, 118-134.	2.0	23
10	Oncogenic Î²-catenin and PIK3CA instruct network states and cancer phenotypes in intestinal organoids. Journal of Cell Biology, 2017, 216, 1567-1577.	2.3	29
11	Patterning and gastrulation defects caused by the<i>tw18</i>lethal are due to loss of<i>Ppp2r1a</i>. Biology Open, 2017, 6, 752-764.	0.6	14
12	Antagonistic Activities of Sox2 and Brachyury Control the Fate Choice of Neuro-Mesodermal Progenitors. Developmental Cell, 2017, 42, 514-526.e7.	3.1	139
13	Different Concentrations of FGF Ligands, FGF2 or FGF8 Determine Distinct States of WNT-Induced Presomitic Mesoderm. Stem Cells, 2016, 34, 1790-1800.	1.4	23
14	Mechanisms of long noncoding RNA function in development and disease. Cellular and Molecular Life Sciences, 2016, 73, 2491-2509.	2.4	831
15	Analysis of the Fam181 gene family during mouse development reveals distinct strain-specific expression patterns, suggesting a role in nervous system development and function. Gene, 2016, 575, 438-451.	1.0	13
16	Long noncoding RNAs in organogenesis: making the difference. Trends in Genetics, 2015, 31, 329-335.	2.9	68
17	Genome-wide Association Study and Meta-Analysis Identify ISL1 as Genome-wide Significant Susceptibility Gene for Bladder Exstrophy. PLoS Genetics, 2015, 11, e1005024.	1.5	41
18	An Image-Based Genetic Assay Identifies Genes in T1D Susceptibility Loci Controlling Cellular Antiviral Immunity in Mouse. PLoS ONE, 2014, 9, e108777.	1.1	6

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19	Upk3b Is Dispensable for Development and Integrity of Urothelium and Mesothelium. PLoS ONE, 2014, 9, e112112.	1.1	42
20	Immunochip SNP array identifies novel genetic variants conferring susceptibility to candidaemia. Nature Communications, 2014, 5, 4675.	5.8	76
21	Genome-wide association study and mouse expression data identify a highly conserved 32 kb intergenic region between WNT3 and WNT9b as possible susceptibility locus for isolated classic exstrophy of the bladder. Human Molecular Genetics, 2014, 23, 5536-5544.	1.4	19
22	Whole-exome resequencing reveals recessive mutations in TRAP1 in individuals with CAKUT and VACTERL association. Kidney International, 2014, 85, 1310-1317.	2.6	106
23	SRF is essential for mesodermal cell migration during elongation of the embryonic body axis. Mechanisms of Development, 2014, 133, 23-35.	1.7	14
24	The long non-coding RNA<i><i>Fendrr</i></i>links epigenetic control mechanisms to gene regulatory networks in mammalian embryogenesis. RNA Biology, 2013, 10, 1579-1585.	1.5	158
25	The Nucleoside Diphosphate Kinase Gene Nme3 Acts as Quantitative Trait Locus Promoting Non-Mendelian Inheritance. PLoS Genetics, 2012, 8, e1002567.	1.5	38
26	In vivo knockdown of Brachyury results in skeletal defects and urorectal malformations resembling caudal regression syndrome. Developmental Biology, 2012, 372, 55-67.	0.9	48
27	The mouse <i>t</i>-haplotype:. , 2012, , 297-314.		22
28	Wnt and BMP signals control intestinal adenoma cell fates. International Journal of Cancer, 2012, 131, 2242-2252.	2.3	21
29	An inducible RNA interference system for the functional dissection of mouse embryogenesis. Nucleic Acids Research, 2010, 38, e122-e122.	6.5	25
30	Retention of gene products in syncytial spermatids promotes non-Mendelian inheritance as revealed by the <i>t complex responder</i>. Genes and Development, 2009, 23, 2705-2710.	2.7	46
31	The t-complex-encoded guanine nucleotide exchange factor Fgd2 reveals that two opposing signaling pathways promote transmission ratio distortion in the mouse. Genes and Development, 2007, 21, 143-147.	2.7	69
32	Expression of <i>Msgn1</i> in the presomitic mesoderm is controlled by synergism of WNT signalling and <i>Tbx6</i>. EMBO Reports, 2007, 8, 784-789.	2.0	88
33	The t complexâ€“encoded GTPase-activating protein Tagap1 acts as a transmission ratio distorter in mice. Nature Genetics, 2005, 37, 969-973.	9.4	80
34	WNT signaling, in synergy with T/TBX6, controls Notch signaling by regulating Dll1 expression in the presomitic mesoderm of mouse embryos. Genes and Development, 2004, 18, 2712-2717.	2.7	153
35	Segmentation in vertebrates: clock and gradient finally joined. Genes and Development, 2004, 18, 2060-2067.	2.7	194
36	Brachyury is a target gene of the Wnt/Î²-catenin signaling pathway. Mechanisms of Development, 2000, 91, 249-258.	1.7	269

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37	A protein kinase encoded by the t complex responder gene causes non-mendelian inheritance. Nature, 1999, 402, 141-146.	13.7	166
38	Distinct regulatory control of the Brachyury gene in axial and non-axial mesoderm suggests separation of mesoderm lineages early in mouse gastrulation. Mechanisms of Development, 1996, 56, 139-149.	1.7	72
39	Cloning of the T gene required in mesoderm formation in the mouse. Nature, 1990, 343, 617-622.	13.7	818
40	Expression pattern of the mouse T gene and its role in mesoderm formation. Nature, 1990, 343, 657-659.	13.7	799