Willy M Baarends

List of Publications by Year
in descending order

35 papers	2,052 citations	448610 19 h-index	511568 30 g-index
40 all docs	40 docs citations	40 times ranked	3183 citing authors

#	Article	IF	Citations
1	High Resolution View on the Regulation of Recombinase Accumulation in Mammalian Meiosis. Frontiers in Cell and Developmental Biology, 2021, 9, 672191.	1.8	10
2	BRCA2 binding through a cryptic repeated motif to HSF2BP oligomers does not impact meiotic recombination. Nature Communications, 2021, 12, 4605.	5.8	8
3	Genetic dissection of spermatogenic arrest through exome analysis: clinical implications for the management of azoospermic men. Genetics in Medicine, 2020, 22, 1956-1966.	1.1	88
4	Super-resolution imaging of RAD51 and DMC1 in DNA repair foci reveals dynamic distribution patterns in meiotic prophase. PLoS Genetics, 2020, 16, e1008595.	1.5	27
5	Title is missing!. , 2020, 16, e1008595.		0
6	Title is missing!. , 2020, 16, e1008595.		0
7	Title is missing!. , 2020, 16, e1008595.		0
8	Title is missing!. , 2020, 16, e1008595.		0
9	Title is missing!. , 2020, 16, e1008595.		0
10	Title is missing!. , 2020, 16, e1008595.		0
11	HSF2BP Interacts with a Conserved Domain of BRCA2 and Is Required for Mouse Spermatogenesis. Cell Reports, 2019, 27, 3790-3798.e7.	2.9	49
12	A novel approach to differentiate rat embryonic stem cells in vitro reveals a role for RNF12 in activation of X chromosome inactivation. Scientific Reports, 2019, 9, 6068.	1.6	3
13	Meiotic arrest occurs most frequently at metaphase and is often incomplete in azoospermic men. Fertility and Sterility, 2019, 112, 1059-1070.e3.	0.5	17
14	SMoLR: visualization and analysis of single-molecule localization microscopy data in R. BMC Bioinformatics, 2019, 20, 30.	1.2	14
15	Live cell analyses of synaptonemal complex dynamics and chromosome movements in cultured mouse testis tubules and embryonic ovaries. Chromosoma, 2018, 127, 341-359.	1.0	19
16	Repair of exogenous DNA double-strand breaks promotes chromosome synapsis in SPO11-mutant mouse meiocytes, and is altered in the absence of HORMAD1. DNA Repair, 2018, 63, 25-38.	1.3	37
17	Simultaneous RNAâ€“DNA FISH in Mouse Preimplantation Embryos. Methods in Molecular Biology, 2018, 1861, 131-147.	0.4	2
18	Silencing markers are retained on pericentric heterochromatin during murine primordial germ cell development. Epigenetics and Chromatin, 2017, 10, 11.	1.8	17

#	Article	IF	Citations
19	Genomes of Ellobius species provide insight into the evolutionary dynamics of mammalian sex chromosomes. Genome Research, 2016, 26, 1202-1210.	2.4	37
20	An essential role for UBE2A/HR6A in learning and memory and mGLUR-dependent long-term depression. Human Molecular Genetics, 2016, 25, 1-8.	1.4	30
21	Round Spermatid Injection Rescues Female Lethality of a Paternally Inherited Xist Deletion in Mouse. PLoS Genetics, 2016, 12, e1006358.	1.5	7
22	Incomplete meiotic sex chromosome inactivation in the domestic dog. BMC Genomics, 2015, 16, 291.	1.2	14
23	Paternal heterochromatin formation in human embryos is H3K9/HP1 directed and primed by sperm-derived histone modifications. Nature Communications, 2014, 5, 5868.	5.8	101
24	Chromatin dynamics during spermiogenesis. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2014, 1839, 155-168.	0.9	411
25	SPO11-Independent DNA Repair Foci and Their Role in Meiotic Silencing. PLoS Genetics, 2013, 9, e1003538.	1.5	69
26	Human RAD18 Interacts with Ubiquitylated Chromatin Components and Facilitates RAD9 Recruitment to DNA Double Strand Breaks. PLoS ONE, 2011, 6, e23155.	1.1	20
27	Meiotic silencing and fragmentation of the male germline restricted chromosome in zebra finch. Chromosoma, 2010, 119, 311-324.	1.0	32
28	The ubiquitin-conjugating enzyme HR6B is required for maintenance of X chromosome silencing in mouse spermatocytes and spermatids. BMC Genomics, 2010, 11, 367.	1.2	35
29	DNA double strand break repair, chromosome synapsis and transcriptional silencing in meiosis. Epigenetics, 2010, 5, 255-266.	1.3	106
30	Female Meiotic Sex Chromosome Inactivation in Chicken. PLoS Genetics, 2009, 5, e1000466.	1.5	98
31	Dynamic localization of human RAD18 during the cell cycle and a functional connection with DNA double-strand break repair. DNA Repair, 2009, 8, 190-201.	1.3	21
32	Increased frequency of asynapsis and associated meiotic silencing of heterologous chromatin in the presence of irradiation-induced extra DNA double strand breaks. Developmental Biology, 2008, 317, 270-281.	0.9	31
33	Increased phosphorylation and dimethylation of XY body histones in the Hr6b-knockout mouse is associated with derepression of the X chromosome. Journal of Cell Science, 2007, 120, 1841-1851.	1.2	53
34	Mouse Sycp1 functions in synaptonemal complex assembly, meiotic recombination, and XY body formation. Genes and Development, 2005, 19, 1376-1389.	2.7	409
35	Silencing of Unpaired Chromatin and Histone H2A Ubiquitination in Mammalian Meiosis. Molecular and Cellular Biology, 2005, 25, 1041-1053.	1.1	279