

Willy M Baarends

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

36
papers

1,519
citations

17
h-index

38
g-index

40
ext. papers

1,837
ext. citations

6
avg, IF

4.21
L-index

#	Paper	IF	Citations
36	High Resolution View on the Regulation of Recombinase Accumulation in Mammalian Meiosis. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 672191	5.7	2
35	BRCA2 binding through a cryptic repeated motif to HSF2BP oligomers does not impact meiotic recombination. <i>Nature Communications</i> , 2021 , 12, 4605	17.4	0
34	Super-resolution imaging of RAD51 and DMC1 in DNA repair foci reveals dynamic distribution patterns in meiotic prophase. <i>PLoS Genetics</i> , 2020 , 16, e1008595	6	9
33	Genetic dissection of spermatogenic arrest through exome analysis: clinical implications for the management of azoospermic men. <i>Genetics in Medicine</i> , 2020 , 22, 1956-1966	8.1	30
32	Super-resolution imaging of RAD51 and DMC1 in DNA repair foci reveals dynamic distribution patterns in meiotic prophase 2020 , 16, e1008595		
31	Super-resolution imaging of RAD51 and DMC1 in DNA repair foci reveals dynamic distribution patterns in meiotic prophase 2020 , 16, e1008595		
30	Super-resolution imaging of RAD51 and DMC1 in DNA repair foci reveals dynamic distribution patterns in meiotic prophase 2020 , 16, e1008595		
29	Super-resolution imaging of RAD51 and DMC1 in DNA repair foci reveals dynamic distribution patterns in meiotic prophase 2020 , 16, e1008595		
28	Super-resolution imaging of RAD51 and DMC1 in DNA repair foci reveals dynamic distribution patterns in meiotic prophase 2020 , 16, e1008595		
27	Super-resolution imaging of RAD51 and DMC1 in DNA repair foci reveals dynamic distribution patterns in meiotic prophase 2020 , 16, e1008595		
26	HSF2BP Interacts with a Conserved Domain of BRCA2 and Is Required for Mouse Spermatogenesis. <i>Cell Reports</i> , 2019 , 27, 3790-3798.e7	10.6	23
25	A novel approach to differentiate rat embryonic stem cells in vitro reveals a role for RNF12 in activation of X chromosome inactivation. <i>Scientific Reports</i> , 2019 , 9, 6068	4.9	2
24	Meiotic arrest occurs most frequently at metaphase and is often incomplete in azoospermic men. <i>Fertility and Sterility</i> , 2019 , 112, 1059-1070.e3	4.8	8
23	SMoLR: visualization and analysis of single-molecule localization microscopy data in R. <i>BMC Bioinformatics</i> , 2019 , 20, 30	3.6	7
22	Live cell analyses of synaptonemal complex dynamics and chromosome movements in cultured mouse testis tubules and embryonic ovaries. <i>Chromosoma</i> , 2018 , 127, 341-359	2.8	16
21	Repair of exogenous DNA double-strand breaks promotes chromosome synapsis in SPO11-mutant mouse meiocytes, and is altered in the absence of HORMAD1. <i>DNA Repair</i> , 2018 , 63, 25-38	4.3	21
20	Simultaneous RNA-DNA FISH in Mouse Preimplantation Embryos. <i>Methods in Molecular Biology</i> , 2018 , 1861, 131-147	1.4	2

19	Silencing markers are retained on pericentric heterochromatin during murine primordial germ cell development. <i>Epigenetics and Chromatin</i> , 2017 , 10, 11	5.8	10
18	An essential role for UBE2A/HR6A in learning and memory and mGLUR-dependent long-term depression. <i>Human Molecular Genetics</i> , 2016 , 25, 1-8	5.6	17
17	Round Spermatid Injection Rescues Female Lethality of a Paternally Inherited Xist Deletion in Mouse. <i>PLoS Genetics</i> , 2016 , 12, e1006358	6	5
16	Genomes of Ellobius species provide insight into the evolutionary dynamics of mammalian sex chromosomes. <i>Genome Research</i> , 2016 , 26, 1202-10	9.7	27
15	Incomplete meiotic sex chromosome inactivation in the domestic dog. <i>BMC Genomics</i> , 2015 , 16, 291	4.5	7
14	Chromatin dynamics during spermiogenesis. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2014 , 1839, 155-68	6	297
13	Paternal heterochromatin formation in human embryos is H3K9/HP1 directed and primed by sperm-derived histone modifications. <i>Nature Communications</i> , 2014 , 5, 5868	17.4	78
12	SPO11-independent DNA repair foci and their role in meiotic silencing. <i>PLoS Genetics</i> , 2013 , 9, e10035386		51
11	Human RAD18 interacts with ubiquitylated chromatin components and facilitates RAD9 recruitment to DNA double strand breaks. <i>PLoS ONE</i> , 2011 , 6, e23155	3.7	17
10	DNA double strand break repair, chromosome synapsis and transcriptional silencing in meiosis. <i>Epigenetics</i> , 2010 , 5, 255-66	5.7	86
9	Meiotic silencing and fragmentation of the male germline restricted chromosome in zebra finch. <i>Chromosoma</i> , 2010 , 119, 311-24	2.8	27
8	The ubiquitin-conjugating enzyme HR6B is required for maintenance of X chromosome silencing in mouse spermatocytes and spermatids. <i>BMC Genomics</i> , 2010 , 11, 367	4.5	32
7	Female meiotic sex chromosome inactivation in chicken. <i>PLoS Genetics</i> , 2009 , 5, e1000466	6	72
6	Dynamic localization of human RAD18 during the cell cycle and a functional connection with DNA double-strand break repair. <i>DNA Repair</i> , 2009 , 8, 190-201	4.3	19
5	Increased frequency of asynapsis and associated meiotic silencing of heterologous chromatin in the presence of irradiation-induced extra DNA double strand breaks. <i>Developmental Biology</i> , 2008 , 317, 270-81	3.1	27
4	Increased phosphorylation and dimethylation of XY body histones in the Hr6b-knockout mouse is associated with derepression of the X chromosome. <i>Journal of Cell Science</i> , 2007 , 120, 1841-51	5.3	52
3	Mouse Sycp1 functions in synaptonemal complex assembly, meiotic recombination, and XY body formation. <i>Genes and Development</i> , 2005 , 19, 1376-89	12.6	320
2	Silencing of unpaired chromatin and histone H2A ubiquitination in mammalian meiosis. <i>Molecular and Cellular Biology</i> , 2005 , 25, 1041-53	4.8	253

1 A cryptic BRCA2 repeated motif binds to HSF2BP oligomers with no impact on meiotic recombination

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