

# Christina Rathke

## List of Publications by Citations

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**Version:** 2024-04-29

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24  
papers

887  
citations

12  
h-index

24  
g-index

24  
ext. papers

1,073  
ext. citations

6.4  
avg, IF

3.87  
L-index

#	Paper	IF	Citations
24	Chromatin dynamics during spermiogenesis. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , <b>2014</b> , 1839, 155-68	6	297
23	Transition from a nucleosome-based to a protamine-based chromatin configuration during spermiogenesis in Drosophila. <i>Journal of Cell Science</i> , <b>2007</b> , 120, 1689-700	5.3	152
22	Active promoters and insulators are marked by the centrosomal protein 190. <i>EMBO Journal</i> , <b>2009</b> , 28, 877-88	13	124
21	Distinct functions of Mst77F and protamines in nuclear shaping and chromatin condensation during Drosophila spermiogenesis. <i>European Journal of Cell Biology</i> , <b>2010</b> , 89, 326-38	6.1	66
20	Subunits of the histone chaperone CAF1 also mediate assembly of protamine-based chromatin. <i>Cell Reports</i> , <b>2013</b> , 4, 59-65	10.6	27
19	H3K79 methylation directly precedes the histone-to-protamine transition in mammalian spermatids and is sensitive to bacterial infections. <i>Andrology</i> , <b>2014</b> , 2, 655-65	4.2	27
18	In Drosophila, don juan and don juan like encode proteins of the spermatid nucleus and the flagellum and both are regulated at the transcriptional level by the TAF II80 cannonball while translational repression is achieved by distinct elements. <i>Developmental Dynamics</i> , <b>2006</b> , 235, 1053-64	2.9	27
17	Tumour-associated missense mutations in the dMi-2 ATPase alters nucleosome remodelling properties in a mutation-specific manner. <i>Nature Communications</i> , <b>2018</b> , 9, 2112	17.4	23
16	Three levels of regulation lead to protamine and Mst77F expression in Drosophila. <i>Developmental Biology</i> , <b>2013</b> , 377, 33-45	3.1	21
15	H3K79 methylation: a new conserved mark that accompanies H4 hyperacetylation prior to histone-to-protamine transition in Drosophila and rat. <i>Biology Open</i> , <b>2014</b> , 3, 444-52	2.2	18
14	The bromodomain-containing protein tBRD-1 is specifically expressed in spermatocytes and is essential for male fertility. <i>Biology Open</i> , <b>2012</b> , 1, 597-606	2.2	17
13	tBRD-1 selectively controls gene activity in the Drosophila testis and interacts with two new members of the bromodomain and extra-terminal (BET) family. <i>PLoS ONE</i> , <b>2014</b> , 9, e108267	3.7	13
12	Prtl99C Acts Together with Protamines and Safeguards Male Fertility in Drosophila. <i>Cell Reports</i> , <b>2015</b> , 13, 2327-2335	10.6	12
11	The HMG-box-containing proteins tHMG-1 and tHMG-2 interact during the histone-to-protamine transition in Drosophila spermatogenesis. <i>European Journal of Cell Biology</i> , <b>2015</b> , 94, 46-59	6.1	11
10	Multimerization of Drosophila sperm protein Mst77F causes a unique condensed chromatin structure. <i>Nucleic Acids Research</i> , <b>2015</b> , 43, 3033-45	20.1	10
9	Ex vivo culture of Drosophila pupal testis and single male germ-line cysts: dissection, imaging, and pharmacological treatment. <i>Journal of Visualized Experiments</i> , <b>2014</b> , 51868	1.6	9
8	tBRD-1 and tBRD-2 regulate expression of genes necessary for spermatid differentiation. <i>Biology Open</i> , <b>2017</b> , 6, 439-448	2.2	8

7	Murine and Human Spermatids Are Characterized by Numerous, Newly Synthesized and Differentially Expressed Transcription Factors and Bromodomain-Containing Proteins. <i>Biology of Reproduction</i> , <b>2016</b> , 95, 4	3.9	7
6	Stage-specific testes proteomics of <i>Drosophila melanogaster</i> identifies essential proteins for male fertility. <i>European Journal of Cell Biology</i> , <b>2019</b> , 98, 103-115	6.1	6
5	Nejire/dCBP-mediated histone H3 acetylation during spermatogenesis is essential for male fertility in <i>Drosophila melanogaster</i> . <i>PLoS ONE</i> , <b>2018</b> , 13, e0203622	3.7	6
4	Analysis of Chromatin Dynamics During <i>Drosophila</i> Spermatogenesis. <i>Methods in Molecular Biology</i> , <b>2017</b> , 1471, 289-303	1.4	2
3	Distinct CoREST complexes act in a cell-type-specific manner. <i>Nucleic Acids Research</i> , <b>2019</b> , 47, 11649-11666	1.6	2
2	Widespread colocalization of the <i>Drosophila</i> histone acetyltransferase homolog MYST5 with DREF and insulator proteins at active genes. <i>Chromosoma</i> , <b>2017</b> , 126, 165-178	2.8	1
1	<i>Drosophila melanogaster</i> tPlus3a and tPlus3b ensure full male fertility by regulating transcription of Y-chromosomal, seminal fluid, and heat shock genes. <i>PLoS ONE</i> , <b>2019</b> , 14, e0213177	3.7	1