Renate Renkawitz-Pohl

List of Publications by Year
in descending order

34 papers	1,720 citations	394421 19 h-index	395702 33 g-index
35 all docs	35 docs citations	35 times ranked	1740 citing authors

#	Article	IF	Citations
1	Chromatin dynamics during spermiogenesis. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2014, 1839, 155-168.	1.9	411
2	Transition from a nucleosome-based to a protamine-based chromatin configuration during spermiogenesis in Drosophila. Journal of Cell Science, 2007, 120, 1689-1700.	2.0	193
3	Replacement by Drosophila melanogaster Protamines and Mst77F of Histones during Chromatin Condensation in Late Spermatids and Role of Sesame in the Removal of These Proteins from the Male Pronucleus. Molecular and Cellular Biology, 2005, 25, 6165-6177.	2.3	147
4	The Drosophila don juan (dj) gene encodes a novel sperm specific protein component characterized by an unusual domain of a repetitive amino acid motif. Mechanisms of Development, 1997, 64, 19-30.	1.7	115
5	Myoblast fusion inDrosophila melanogasteris mediated through a fusion-restricted myogenic-adhesive structure (FuRMAS). Developmental Dynamics, 2007, 236, 404-415.	1.8	82
6	Distinct functions of Mst77F and protamines in nuclear shaping and chromatin condensation during Drosophila spermiogenesis. European Journal of Cell Biology, 2010, 89, 326-338.	3.6	81
7	Histone H4 Acetylation is Essential to Proceed from a Histone- to a Protamine-based Chromatin Structure in Spermatid Nuclei of<i>Drosophila melanogaster</i>. Systems Biology in Reproductive Medicine, 2010, 56, 44-61.	2.1	69
8	The formation of syncytia within the visceral musculature of the Drosophila midgut is dependent on duf, sns and mbc. Mechanisms of Development, 2002, 110, 85-96.	1.7	68
9	FuRMAS: triggering myoblast fusion in <i>Drosophila</i>. Developmental Dynamics, 2009, 238, 1513-1525.	1.8	59
10	Drosophila Rolling pebbles colocalises and putatively interacts with alpha-Actinin and the Sls isoform Zormin in the Z-discs of the sarcomere and with Dumbfounded/Kirre, alpha-Actinin and Zormin in the terminal Z-discs. Journal of Muscle Research and Cell Motility, 2006, 27, 93-106.	2.0	34
11	InDrosophila,don juananddon juan likeencode proteins of the spermatid nucleus and the flagellum and both are regulated at the transcriptional level by the TAFII80 cannonball while translational repression is achieved by distinct elements. Developmental Dynamics, 2006, 235, 1053-1064.	1.8	34
12	Blown fuse regulates stretching and outgrowth but not myoblast fusion of the circular visceral muscles in Drosophila. Differentiation, 2006, 74, 608-621.	1.9	32
13	Subunits of the Histone Chaperone CAF1 Also Mediate Assembly of Protamine-Based Chromatin. Cell Reports, 2013, 4, 59-65.	6.4	30
14	Three levels of regulation lead to protamine and Mst77F expression in Drosophila. Developmental Biology, 2013, 377, 33-45.	2.0	30
15	Multinucleated smooth muscles and mononucleated as well as multinucleated striated muscles develop during establishment of the male reproductive organs of Drosophila melanogaster. Developmental Biology, 2012, 370, 86-97.	2.0	29
16	Filopodia-based contact stimulation of cell migration drives tissue morphogenesis. Nature Communications, 2021, 12, 791.	12.8	28
17	H3K79 methylation: a new conserved mark that accompanies H4 hyperacetylation prior to histone-to-protamine transition in <i>Drosophila</i> and rat. Biology Open, 2014, 3, 444-452.	1.2	25
18	<i>Drosophila</i>Swiprosin-1/EFHD2 accumulates at the prefusion complex stage during<i>Drosophila</i>myoblast fusion. Journal of Cell Science, 2011, 124, 3266-3278.	2.0	22

#	ARTICLE	IF	CITATIONS
19	Tethering Membrane Fusion: Common and Different Players in Myoblasts and at the Synapse. Journal of Neurogenetics, 2014, 28, 302-315.	1.4	21
20	Prtl99C Acts Together with Protamines and Safeguards Male Fertility in Drosophila. Cell Reports, 2015, 13, 2327-2335.	6.4	20
21	Myosin heavy chain-like localizes at cell contact sites during Drosophila myoblast fusion and interacts in vitro with Rolling pebbles 7. Experimental Cell Research, 2013, 319, 402-416.	2.6	19
22	The bromodomain-containing protein tBRD-1 is specifically expressed in spermatocytes and is essential for male fertility. Biology Open, 2012, 1, 597-606.	1.2	18
23	The HMG-box-containing proteins tHMG-1 and tHMG-2 interact during the histone-to-protamine transition in Drosophila spermatogenesis. European Journal of Cell Biology, 2015, 94, 46-59.	3.6	18
24	Ex vivo Culture of Drosophila Pupal Testis and Single Male Germ-line Cysts: Dissection, Imaging, and Pharmacological Treatment. Journal of Visualized Experiments, 2014, , 51868.	0.3	17
25	Nejire/dCBP-mediated histone H3 acetylation during spermatogenesis is essential for male fertility in Drosophila melanogaster. PLoS ONE, 2018, 13, e0203622.	2.5	17
26	A New Level of Plasticity:<i>Drosophila</i>Smooth-like Testes Muscles Compensate Failure of Myoblast Fusion. Development (Cambridge), 2015, 143, 329-38.	2.5	16
27	Stage-specific testes proteomics of Drosophila melanogaster identifies essential proteins for male fertility. European Journal of Cell Biology, 2019, 98, 103-115.	3.6	14
28	Distinct genetic programs guide Drosophila circular and longitudinal visceral myoblast fusion. BMC Cell Biology, 2014, 15, 27.	3.0	13
29	Multimerization of Drosophila sperm protein Mst77F causes a unique condensed chromatin structure. Nucleic Acids Research, 2015, 43, 3033-3045.	14.5	13
30	Myotube migration to cover and shape the testis of<i>Drosophila</i>depends on Heartless, Cadherin/Catenin, and myosin II. Biology Open, 2017, 6, 1876-1888.	1.2	13
31	tBRD-1 Selectively Controls Gene Activity in the Drosophila Testis and Interacts with Two New Members of the Bromodomain and Extra-Terminal (BET) Family. PLoS ONE, 2014, 9, e108267.	2.5	13
32	Distinct CoREST complexes act in a cell-type-specific manner. Nucleic Acids Research, 2019, 47, 11649-11666.	14.5	10
33	Role of the Actin Cytoskeleton Within FuRMAS During Drosophila Myoblast Fusion and First Functionally Conserved Factors in Vertebrates. , 2011, , 139-170.		7
34	Drosophila melanogaster tPlus3a and tPlus3b ensure full male fertility by regulating transcription of Y-chromosomal, seminal fluid, and heat shock genes. PLoS ONE, 2019, 14, e0213177.	2.5	2