

# Michael Buszczak

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

3,499  
citations

172457

29  
h-index

206112

48  
g-index

63  
all docs

63  
docs citations

63  
times ranked

4698  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Carnegie Protein Trap Library: A Versatile Tool for Drosophila Developmental Studies. <i>Genetics</i> , 2007, 175, 1505-1531.	2.9	529
2	Transforming activity of an oncoprotein-encoding circular RNA from human papillomavirus. <i>Nature Communications</i> , 2019, 10, 2300.	12.8	218
3	Nanotubes mediate niche stem-cell signalling in the Drosophila testis. <i>Nature</i> , 2015, 523, 329-332.	27.8	179
4	Cellular Differences in Protein Synthesis Regulate Tissue Homeostasis. <i>Cell</i> , 2014, 159, 242-251.	28.9	177
5	The Drosophila melanogaster Cajal body. <i>Journal of Cell Biology</i> , 2006, 172, 875-884.	5.2	176
6	Changes in rRNA Transcription Influence Proliferation and Cell Fate Within a Stem Cell Lineage. <i>Science</i> , 2014, 343, 298-301.	12.6	172
7	Exploring Strategies for Protein Trapping in Drosophila. <i>Genetics</i> , 2007, 175, 1089-1104.	2.9	149
8	Efficient Protein Trafficking Requires Trailer Hitch, a Component of a Ribonucleoprotein Complex Localized to the ER in Drosophila. <i>Developmental Cell</i> , 2005, 9, 675-685.	7.0	147
9	Systematic Discovery of Rab GTPases with Synaptic Functions in Drosophila. <i>Current Biology</i> , 2011, 21, 1704-1715.	3.9	122
10	<i>Drosophila</i> Stem Cells Share a Common Requirement for the Histone H2B Ubiquitin Protease Scrawny. <i>Science</i> , 2009, 323, 248-251.	12.6	113
11	New components of the Drosophila fusome suggest it plays novel roles in signaling and transport. <i>Developmental Biology</i> , 2008, 317, 59-71.	2.0	97
12	Repression of Pumilio Protein Expression by Rbfox1 Promotes Germ Cell Differentiation. <i>Developmental Cell</i> , 2016, 36, 562-571.	7.0	84
13	Searching Chromatin for Stem Cell Identity. <i>Cell</i> , 2006, 125, 233-236.	28.9	83
14	Insect metamorphosis: Out with the old, in with the new. <i>Current Biology</i> , 2000, 10, R830-R833.	3.9	82
15	Loss of lysine-specific demethylase 1 nonautonomously causes stem cell tumors in the <i>Drosophila</i> ovary. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 7064-7069.	7.1	82
16	Specialized Intercellular Communications via Cytonemes and Nanotubes. <i>Annual Review of Cell and Developmental Biology</i> , 2018, 34, 59-84.	9.4	70
17	The Drosophila P68 RNA helicase regulates transcriptional deactivation by promoting RNA release from chromatin. <i>Genes and Development</i> , 2006, 20, 977-989.	5.9	63
18	Mei-P26 regulates the maintenance of ovarian germline stem cells by promoting BMP signaling. <i>Development (Cambridge)</i> , 2012, 139, 1547-1556.	2.5	62

#	ARTICLE	IF	CITATIONS
19	Finding a niche: studies from the <i>Drosophila</i> ovary. <i>Stem Cell Research and Therapy</i> , 2011, 2, 45.	5.5	61
20	Signaling by Cellular Protrusions: Keeping the Conversation Private. <i>Trends in Cell Biology</i> , 2016, 26, 526-534.	7.9	59
21	Lsd1 Restricts the Number of Germline Stem Cells by Regulating Multiple Targets in Escort Cells. <i>PLoS Genetics</i> , 2014, 10, e1004200.	3.5	58
22	Mei-P26 Cooperates with Bam, Bgcn and Sxl to Promote Early Germline Development in the <i>Drosophila</i> Ovary. <i>PLoS ONE</i> , 2013, 8, e58301.	2.5	58
23	p53 activity is selectively licensed in the <i>Drosophila</i> stem cell compartment. <i>ELife</i> , 2014, 3, e01530.	6.0	56
24	GCNA Preserves Genome Integrity and Fertility Across Species. <i>Developmental Cell</i> , 2020, 52, 38-52.e10.	7.0	53
25	Nuclear bodies in the <i>Drosophila</i> germinal vesicle. <i>Chromosome Research</i> , 2006, 14, 465-475.	2.2	52
26	The Wnt pathway limits BMP signaling outside of the germline stem cell niche in <i>Drosophila</i> ovaries. <i>Developmental Biology</i> , 2016, 417, 50-62.	2.0	49
27	<i>Drosophila</i> Ataxin 2-binding protein 1 marks an intermediate step in the molecular differentiation of female germline cysts. <i>Development (Cambridge)</i> , 2010, 137, 3167-3176.	2.5	42
28	Systematic discovery of genetic modulation by Jumonji histone demethylases in <i>Drosophila</i> . <i>Scientific Reports</i> , 2017, 7, 5240.	3.3	38
29	Inhibition of the de novo pyrimidine biosynthesis pathway limits ribosomal RNA transcription causing nucleolar stress in glioblastoma cells. <i>PLoS Genetics</i> , 2020, 16, e1009117.	3.5	38
30	Dcas Is Required for importin- $\beta$ Nuclear Export and Mechano-Sensory Organ Cell Fate Specification in <i>Drosophila</i> . <i>Developmental Biology</i> , 2002, 244, 396-406.	2.0	33
31	<i>Drosophila</i> metamorphosis: The only way is USP?. <i>Current Biology</i> , 1998, 8, R879-R882.	3.9	32
32	JmjC domain proteins modulate circadian behaviors and sleep in <i>Drosophila</i> . <i>Scientific Reports</i> , 2018, 8, 815.	3.3	30
33	Variants in GCNA, X-linked germ-cell genome integrity gene, identified in men with primary spermatogenic failure. <i>Human Genetics</i> , 2021, 140, 1169-1182.	3.8	27
34	The Dynamic Regulation of mRNA Translation and Ribosome Biogenesis During Germ Cell Development and Reproductive Aging. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 710186.	3.7	27
35	Similarities of <i>Drosophila</i> rab GTPases Based on Expression Profiling: Completion and Analysis of the rab-Gal4 Kit. <i>PLoS ONE</i> , 2012, 7, e40912.	2.5	23
36	Alcohol-Induced Behaviors Require a Subset of <i>Drosophila</i> JmjC Domain Histone Demethylases in the Nervous System. <i>Alcoholism: Clinical and Experimental Research</i> , 2017, 41, 2015-2024.	2.4	20

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37	The <i>Drosophila</i> ribosome protein S5 paralog RpS5b promotes germ cell and follicle cell differentiation during oogenesis. <i>Development (Cambridge)</i> , 2021, 148, .	2.5	19
38	Importin-9 regulates chromosome segregation and packaging in <i>Drosophila</i> germ cells. <i>Journal of Cell Science</i> , 2021, 134, .	2.0	18
39	The homeostatic regulation of ribosome biogenesis. <i>Seminars in Cell and Developmental Biology</i> , 2023, 136, 13-26.	5.0	18
40	Msl3 promotes germline stem cell differentiation in female <i>Drosophila</i> . <i>Development (Cambridge)</i> , 2022, 149, .	2.5	17
41	<i>Drosophila</i> CG2469 Encodes a Homolog of Human CTR9 and Is Essential for Development. <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 3849-3857.	1.8	14
42	Keeping stem cells under control: New insights into the mechanisms that limit niche stem cell signaling within the reproductive system. <i>Molecular Reproduction and Development</i> , 2016, 83, 675-683.	2.0	11
43	Labeling of heterochronic ribosomes reveals C1ORF109 and SPATA5 control a late step in human ribosome assembly. <i>Cell Reports</i> , 2022, 38, 110597.	6.4	11
44	Recombineering Homologous Recombination Constructs in <i>Drosophila</i> . <i>Journal of Visualized Experiments</i> , 2013, , e50346.	0.3	9
45	Autophagy Keeps the Balance in Tissue Homeostasis. <i>Developmental Cell</i> , 2019, 49, 499-500.	7.0	8
46	Live-Cell Imaging of the Adult <i>Drosophila</i> Ovary Using Confocal Microscopy. <i>Methods in Molecular Biology</i> , 2017, 1463, 85-91.	0.9	3
47	A Competitive Cell Fate Switch. <i>Developmental Cell</i> , 2014, 31, 261-262.	7.0	2
48	Title is missing!. , 2020, 16, e1009117.		0
49	Title is missing!. , 2020, 16, e1009117.		0
50	Title is missing!. , 2020, 16, e1009117.		0
51	Title is missing!. , 2020, 16, e1009117.		0