

Mathias Beller

List of Publications by Citations

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Version: 2024-04-26

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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.

30
papers

1,591
citations

15
h-index

33
g-index

33
ext. papers

1,864
ext. citations

6.8
avg, IF

4.67
L-index

#	Paper	IF	Citations
30	COPI complex is a regulator of lipid homeostasis. <i>PLoS Biology</i> , 2008 , 6, e292	9.7	242
29	Control of fat storage by a Drosophila PAT domain protein. <i>Current Biology</i> , 2003 , 13, 603-6	6.3	220
28	Characterization of the Drosophila lipid droplet subproteome. <i>Molecular and Cellular Proteomics</i> , 2006 , 5, 1082-94	7.6	201
27	Lipid droplets: a dynamic organelle moves into focus. <i>FEBS Letters</i> , 2010 , 584, 2176-82	3.8	199
26	Lipid droplets control the maternal histone supply of Drosophila embryos. <i>Current Biology</i> , 2012 , 22, 2104-13	6.3	140
25	The why, when and how of lipid droplet diversity. <i>Journal of Cell Science</i> , 2017 , 130, 315-324	5.3	134
24	PERILIPIN-dependent control of lipid droplet structure and fat storage in Drosophila. <i>Cell Metabolism</i> , 2010 , 12, 521-32	24.6	125
23	Membrane Asymmetry Imposes Directionality on Lipid Droplet Emergence from the ER. <i>Developmental Cell</i> , 2019 , 50, 25-42.e7	10.2	71
22	Antagonistic action of Bicoid and the repressor Capicua determines the spatial limits of Drosophila head gene expression domains. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 21695-700	11.5	63
21	The evolutionarily conserved protein CG9186 is associated with lipid droplets, required for their positioning and for fat storage. <i>Journal of Cell Science</i> , 2013 , 126, 2198-212	5.3	39
20	The impact of genome variation and diet on the metabolic phenotype and microbiome composition of Drosophila melanogaster. <i>Scientific Reports</i> , 2018 , 8, 6215	4.9	29
19	A Luciferase-fragment Complementation Assay to Detect Lipid Droplet-associated Protein-Protein Interactions. <i>Molecular and Cellular Proteomics</i> , 2017 , 16, 329-345	7.6	22
18	Lipid Droplet Contact Sites in Health and Disease. <i>Trends in Cell Biology</i> , 2021 , 31, 345-358	18.3	18
17	One hundred years of high-throughput Drosophila research. <i>Chromosome Research</i> , 2006 , 14, 349-62	4.4	17
16	Targeting of the protein CG2254/Ldsdh1 to a subset of lipid droplets. <i>Journal of Cell Science</i> , 2017 , 130, 3141-3157	5.3	16
15	Bicoid--morphogen function revisited. <i>Fly</i> , 2010 , 4, 236-40	1.3	15
14	A Class of Diacylglycerol Acyltransferase 1 Inhibitors Identified by a Combination of Phenotypic High-throughput Screening, Genomics, and Genetics. <i>EBioMedicine</i> , 2016 , 8, 49-59	8.8	9

13	Control of Drosophila Growth and Survival by the Lipid Droplet-Associated Protein CG9186/Sturkopf. <i>Cell Reports</i> , 2019 , 26, 3726-3740.e7	10.6	8
12	FlySilico: Flux balance modeling of Drosophila larval growth and resource allocation. <i>Scientific Reports</i> , 2019 , 9, 17156	4.9	5
11	Grease on-Perspectives in lipid droplet biology. <i>Seminars in Cell and Developmental Biology</i> , 2020 , 108, 94-101	7.5	4
10	Sequestration to lipid droplets promotes histone availability by preventing turnover of excess histones. <i>Development (Cambridge)</i> , 2021 , 148,	6.6	4
9	High-Content Screen Identifies Natural Compounds Impacting Mitochondria-Lipid Homeostasis and Promoting Healthspan.. <i>Cells</i> , 2021 , 11,	7.9	4
8	Identification and expression of Ima, a novel Ral-interacting Drosophila protein. <i>Mechanisms of Development</i> , 2002 , 119 Suppl 1, S253-60	1.7	2
7	Automatisierte Mikroskopie und Bild - analyse der zellulären Lipidspeicherung. <i>BioSpektrum</i> , 2016 , 22, 392-394	0.1	1
6	A stem cell based model of NAFLD enables the analysis of patient specific individual metabolic adaptations in response to a high fat diet and AdipoRon interference. <i>Biology Open</i> , 2021 , 10,	2.2	1
5	Sequestration to lipid droplets promotes histone availability by preventing turnover of excess histones		1
4	CG32803 is the fly homolog of LDAF1 and influences lipid storage in vivo. <i>Insect Biochemistry and Molecular Biology</i> , 2021 , 133, 103512	4.5	1
3	Identification and expression of Ima, a novel Ral-interacting Drosophila protein. <i>Gene Expression Patterns</i> , 2002 , 2, 289-96	1.5	
2	Modeling gut microbe interactions reveals metabolic interconnectivity. <i>iScience</i> , 2021 , 24, 103216	6.1	
1	Visualization of endogenous gut bacteria in Drosophila melanogaster using fluorescence in situ hybridization. <i>PLoS ONE</i> , 2021 , 16, e0247376	3.7	