

Mathias Beller

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

2,074
citations

516215

16
h-index

525886

27
g-index

33
all docs

33
docs citations

33
times ranked

2908
citing authors

#	ARTICLE	IF	CITATIONS
1	COPI Complex Is a Regulator of Lipid Homeostasis. <i>PLoS Biology</i> , 2008, 6, e292.	2.6	293
2	Control of Fat Storage by a <i>Drosophila</i> PAT Domain Protein. <i>Current Biology</i> , 2003, 13, 603-606.	1.8	256
3	Lipid droplets: A dynamic organelle moves into focus. <i>FEBS Letters</i> , 2010, 584, 2176-2182.	1.3	227
4	Characterization of the <i>Drosophila</i> Lipid Droplet Subproteome. <i>Molecular and Cellular Proteomics</i> , 2006, 5, 1082-1094.	2.5	223
5	Lipid Droplets Control the Maternal Histone Supply of <i>Drosophila</i> Embryos. <i>Current Biology</i> , 2012, 22, 2104-2113.	1.8	185
6	The why, when and how of lipid droplet diversity. <i>Journal of Cell Science</i> , 2017, 130, 315-324.	1.2	185
7	PERILIPIN-Dependent Control of Lipid Droplet Structure and Fat Storage in <i>Drosophila</i> . <i>Cell Metabolism</i> , 2010, 12, 521-532.	7.2	166
8	Membrane Asymmetry Imposes Directionality on Lipid Droplet Emergence from the ER. <i>Developmental Cell</i> , 2019, 50, 25-42.e7.	3.1	114
9	Lipid Droplet Contact Sites in Health and Disease. <i>Trends in Cell Biology</i> , 2021, 31, 345-358.	3.6	88
10	Antagonistic action of Bicoid and the repressor Capicua determines the spatial limits of <i>Drosophila</i> head gene expression domains. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 21695-21700.	3.3	70
11	The evolutionary 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.	1.2	48
12	The impact of genome variation and diet on the metabolic phenotype and microbiome composition of <i>Drosophila melanogaster</i> . <i>Scientific Reports</i> , 2018, 8, 6215.	1.6	47
13	A Luciferase-fragment Complementation Assay to Detect Lipid Droplet-associated Protein-Protein Interactions. <i>Molecular and Cellular Proteomics</i> , 2017, 16, 329-345.	2.5	24
14	Lipid droplet subset targeting of the <i>Drosophila</i> protein CG2254/dmLdsdh1. <i>Journal of Cell Science</i> , 2017, 130, 3141-3157.	1.2	21
15	One hundred years of high-throughput <i>Drosophila</i> research. <i>Chromosome Research</i> , 2006, 14, 349-362.	1.0	18
16	Bicoid - morphogen function revisited. <i>Fly</i> , 2010, 4, 236-240.	0.9	17
17	Sequestration to lipid droplets promotes histone availability by preventing turnover of excess histones. <i>Development (Cambridge)</i> , 2021, 148, .	1.2	17
18	Control of <i>Drosophila</i> Growth and Survival by the Lipid Droplet-Associated Protein CG9186/Sturkopf. <i>Cell Reports</i> , 2019, 26, 3726-3740.e7.	2.9	14

#	ARTICLE	IF	CITATIONS
19	FlySilico: Flux balance modeling of Drosophila larval growth and resource allocation. Scientific Reports, 2019, 9, 17156.	1.6	14
20	A Class of Diacylglycerol Acyltransferase 1 Inhibitors Identified by a Combination of Phenotypic High-throughput Screening, Genomics, and Genetics. EBioMedicine, 2016, 8, 49-59.	2.7	13
21	High-Content C. elegans Screen Identifies Natural Compounds Impacting Mitochondria-Lipid Homeostasis and Promoting Healthspan. Cells, 2022, 11, 100.	1.8	9
22	Grease onâ€”Perspectives in lipid droplet biology. Seminars in Cell and Developmental Biology, 2020, 108, 94-101.	2.3	6
23	CG32803 is the fly homolog of LDAF1 and influences lipid storage in vivo. Insect Biochemistry and Molecular Biology, 2021, 133, 103512.	1.2	6
24	A stem cell based in vitro model of NAFLD enables the analysis of patient specific individual metabolic adaptations in response to a high fat diet and AdipoRon interference. Biology Open, 2021, 10, .	0.6	6
25	Identification and expression of Ima, a novel Ral-interacting Drosophila protein. Mechanisms of Development, 2002, 119, S253-S260.	1.7	2
26	Predicting gene expression level in E. coli from mRNA sequence information. , 2019, , .		1
27	Modeling Drosophila gut microbe interactions reveals metabolic interconnectivity. IScience, 2021, 24, 103216.	1.9	1
28	Visualization of endogenous gut bacteria in Drosophila melanogaster using fluorescence in situ hybridization. PLoS ONE, 2021, 16, e0247376.	1.1	0