Savraj S Grewal

List of Publications by Year
in descending order

23 papers	1,491 citations	471061 17 h-index	676716 22 g-index
98 all docs	98 docs citations	98 times ranked	1923 citing authors

#	Article	IF	Citations
1	Myc-dependent regulation of ribosomal RNA synthesis during Drosophila development. Nature Cell Biology, 2005, 7, 295-302.	4.6	356
2	Insulin/TOR signaling in growth and homeostasis: A view from the fly world. International Journal of Biochemistry and Cell Biology, 2009, 41, 1006-1010.	1.2	220
3	Activated STAT regulates growth and induces competitive interactions independently of Myc, Yorkie, Wingless and ribosome biogenesis. Development (Cambridge), 2012, 139, 4051-4061.	1.2	112
4	<i>Drosophila</i> RNA polymerase III repressor Maf1 controls body size and developmental timing by modulating tRNA _i ^{Met} synthesis and systemic insulin signaling. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 1139-1144.	3.3	100
5	Nutrient/TOR-dependent regulation of RNA polymerase III controls tissue and organismal growth in<i>Drosophila</i>. EMBO Journal, 2012, 31, 1916-1930.	3.5	84
6	Why should cancer biologists care about tRNAs? tRNA synthesis, mRNA translation and the control of growth. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2015, 1849, 898-907.	0.9	83
7	<i>Drosophila</i> TIF-IA is required for ribosome synthesis and cell growth and is regulated by the TOR pathway. Journal of Cell Biology, 2007, 179, 1105-1113.	2.3	82
8	The Sex Determination Gene transformer Regulates Male-Female Differences in Drosophila Body Size. PLoS Genetics, 2015, 11, e1005683.	1.5	78
9	Nutritional control of gene expression in Drosophila larvae via TOR, Myc and a novel cis-regulatory element. BMC Cell Biology, 2010, 11, 7.	3.0	63
10	The Immune Deficiency Pathway Regulates Metabolic Homeostasis in <i>Drosophila</i>. Journal of Immunology, 2019, 202, 2747-2759.	0.4	50
11	Rheb-TOR signaling promotes protein synthesis, but not glucose or amino acid import, in Drosophila. BMC Biology, 2007, 5, 10.	1.7	41
12	Investigation of protein synthesis in <i>Drosophila</i> larvae using puromycin labelling. Biology Open, 2017, 6, 1229-1234.	0.6	39
13	TORC1 modulation in adipose tissue is required for organismal adaptation to hypoxia in Drosophila. Nature Communications, 2019, 10, 1878.	5.8	28
14	Ras/ERK-signalling promotes tRNA synthesis and growth via the RNA polymerase III repressor Maf1 in Drosophila. PLoS Genetics, 2018, 14, e1007202.	1.5	27
15	TIF-IA-Dependent Regulation of Ribosome Synthesis in Drosophila Muscle Is Required to Maintain Systemic Insulin Signaling and Larval Growth. PLoS Genetics, 2014, 10, e1004750.	1.5	23
16	Controlling animal growth and body size â€“ does fruit fly physiology point the way?. F1000 Biology Reports, 2012, 4, 12.	4.0	23
17	The EGF/Ras pathway controls growth in Drosophila via ribosomal RNA synthesis. Developmental Biology, 2018, 439, 19-29.	0.9	22
18	Tolerance to Hypoxia Is Promoted by FOXO Regulation of the Innate Immunity Transcription Factor NF-ÎºB/Relish in <i>Drosophila</i>. Genetics, 2020, 215, 1013-1025.	1.2	22

#	Article	IF	Citations
19	An investigation of nutrient-dependent mRNA translation in <i>Drosophila</i> larvae. Biology Open, 2014, 3, 1020-1031.	0.6	16
20	Early-life hypoxia alters adult physiology and reduces stress resistance and lifespan in <i>Drosophila</i>. Journal of Experimental Biology, 2020, 223, .	0.8	8
21	Adipose mitochondrial metabolism controls body growth by modulating systemic cytokine and insulin signaling. Cell Reports, 2022, 39, 110802.	2.9	6
22	TOR signalling is required for host lipid metabolic remodelling and survival following enteric infection in <i>Drosophila</i>. DMM Disease Models and Mechanisms, 2022, 15, .	1.2	4
23	identification of genes encoding RNA polymerase subunits. MicroPublication Biology, 2020, 2020, .	0.1	0