

Alex P Gould

List of Publications by Citations

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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.

52
papers

4,203
citations

28
h-index

60
g-index

60
ext. papers

4,917
ext. citations

13.6
avg, IF

5.6
L-index

#	Paper	IF	Citations
52	Specialized hepatocyte-like cells regulate Drosophila lipid metabolism. <i>Nature</i> , 2007 , 445, 275-80	50.4	298
51	Fat cells reactivate quiescent neuroblasts via TOR and glial insulin relays in Drosophila. <i>Nature</i> , 2011 , 471, 508-12	50.4	279
50	Antioxidant Role for Lipid Droplets in a Stem Cell Niche of Drosophila. <i>Cell</i> , 2015 , 163, 340-53	56.2	276
49	Initiation of rhombomeric Hoxb4 expression requires induction by somites and a retinoid pathway. <i>Neuron</i> , 1998 , 21, 39-51	13.9	242
48	Temporal transcription factors and their targets schedule the end of neural proliferation in Drosophila. <i>Cell</i> , 2008 , 133, 891-902	56.2	241
47	Detecting conserved regulatory elements with the model genome of the Japanese puffer fish, <i>Fugu rubripes</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995 , 92, 1684-8	11.5	236
46	Multi-isotope imaging mass spectrometry quantifies stem cell division and metabolism. <i>Nature</i> , 2012 , 481, 516-9	50.4	224
45	Lipid droplet functions beyond energy storage. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2017 , 1862, 1260-1272	5	221
44	Positive cross-regulation and enhancer sharing: two mechanisms for specifying overlapping Hox expression patterns. <i>Genes and Development</i> , 1997 , 11, 900-13	12.6	205
43	Functions of mammalian Polycomb group and trithorax group related genes. <i>Current Opinion in Genetics and Development</i> , 1997 , 7, 488-94	4.9	179
42	Anaplastic lymphoma kinase spares organ growth during nutrient restriction in Drosophila. <i>Cell</i> , 2011 , 146, 435-47	56.2	164
41	A pulse of the Drosophila Hox protein Abdominal-A schedules the end of neural proliferation via neuroblast apoptosis. <i>Neuron</i> , 2003 , 37, 209-19	13.9	164
40	Targets of homeotic gene control in Drosophila. <i>Nature</i> , 1990 , 348, 308-12	50.4	144
39	Selectivity, sharing and competitive interactions in the regulation of Hoxb genes. <i>EMBO Journal</i> , 1998 , 17, 1788-98	13	126
38	Expression of the zinc-finger gene PLZF at rhombomere boundaries in the vertebrate hindbrain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995 , 92, 2249-53	11.5	110
37	The development and functions of oenocytes. <i>Annual Review of Entomology</i> , 2014 , 59, 405-25	21.8	96
36	The role of kreisler in segmentation during hindbrain development. <i>Developmental Biology</i> , 1999 , 211, 220-37	3.1	89

35	Regulating neural proliferation in the Drosophila CNS. <i>Current Opinion in Neurobiology</i> , 2010 , 20, 50-7	7.6	85
34	Postmitotic specification of Drosophila insulinergic neurons from pioneer neurons. <i>PLoS Biology</i> , 2008 , 6, e58	9.7	83
33	Drosophila Grainyhead specifies late programmes of neural proliferation by regulating the mitotic activity and Hox-dependent apoptosis of neuroblasts. <i>Development (Cambridge)</i> , 2005 , 132, 3835-45	6.6	83
32	Temporal control of neuronal diversity: common regulatory principles in insects and vertebrates?. <i>Development (Cambridge)</i> , 2008 , 135, 3481-9	6.6	80
31	Brainy but not too brainy: starting and stopping neuroblast divisions in Drosophila. <i>Trends in Neurosciences</i> , 2005 , 28, 30-6	13.3	72
30	Direct crossregulation between retinoic acid receptor {beta} and Hox genes during hindbrain segmentation. <i>Development (Cambridge)</i> , 2005 , 132, 503-13	6.6	57
29	Protection of neuronal diversity at the expense of neuronal numbers during nutrient restriction in the Drosophila visual system. <i>Cell Reports</i> , 2013 , 3, 587-94	10.6	48
28	Early-life exposure to low-dose oxidants can increase longevity via microbiome remodelling in Drosophila. <i>Nature Communications</i> , 2018 , 9, 975	17.4	45
27	abdominal A specifies one cell type in Drosophila by regulating one principal target gene. <i>Development (Cambridge)</i> , 2002 , 129, 2957-2963	6.6	45
26	Hypoxic regulation of hand1 controls the fetal-neonatal switch in cardiac metabolism. <i>PLoS Biology</i> , 2013 , 11, e1001666	9.7	41
25	Developmental diet regulates Drosophila lifespan via lipid autotoxins. <i>Nature Communications</i> , 2017 , 8, 1384	17.4	34
24	A novel family of single VWC-domain proteins in invertebrates. <i>FEBS Letters</i> , 2007 , 581, 5268-74	3.8	28
23	The sex of specific neurons controls female body growth in Drosophila. <i>PLoS Biology</i> , 2017 , 15, e2002252	9.7	24
22	EGF receptor signaling regulates pulses of cell delamination from the Drosophila ectoderm. <i>Developmental Cell</i> , 2004 , 7, 885-95	10.2	22
21	Hox proteins drive cell segregation and non-autonomous apical remodelling during hindbrain segmentation. <i>Development (Cambridge)</i> , 2014 , 141, 1492-502	6.6	20
20	Insect oenocytes: a model system for studying cell-fate specification by Hox genes. <i>Journal of Anatomy</i> , 2001 , 199, 25-33	2.9	17
19	Drosophila Spidey/Kar Regulates Oenocyte Growth via PI3-Kinase Signaling. <i>PLoS Genetics</i> , 2016 , 12, e1006154	6	17
18	Stable isotope analysis of dynamic lipidomics. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2017 , 1862, 792-796	5	16

17	A Drosophila model for primary coenzyme Q deficiency and dietary rescue in the developing nervous system. <i>DMM Disease Models and Mechanisms</i> , 2010 , 3, 799-806	4.1	15
16	Insect oenocytes: a model system for studying cell-fate specification by Hox genes. <i>Journal of Anatomy</i> , 2001 , 199, 25-33	2.9	14
15	Volume determination with two standards allows absolute quantification and improved chemometric analysis of metabolites by NMR from submicroliter samples. <i>Analytical Chemistry</i> , 2013 , 85, 12046-54	7.8	12
14	Cryogenic OrbiSIMS Localizes Semi-Volatile Molecules in Biological Tissues. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 18194-18200	16.4	10
13	Histidine is selectively required for the growth of Myc-dependent dedifferentiation tumours in the CNS. <i>EMBO Journal</i> , 2019 , 38,	13	6
12	Homeobox cooperativity. <i>Trends in Genetics</i> , 1992 , 8, 297-300	8.5	6
11	Applying an adaptive watershed to the tissue cell quantification during T-cell migration and embryonic development. <i>Methods in Molecular Biology</i> , 2010 , 616, 207-28	1.4	6
10	Adipose triglyceride lipase protects renal cell endocytosis in a Drosophila dietary model of chronic kidney disease. <i>PLoS Biology</i> , 2021 , 19, e3001230	9.7	4
9	An Improved Method for Measuring Absolute Metabolite Concentrations in Small Biofluid or Tissue Samples. <i>Journal of Proteome Research</i> , 2019 , 18, 1503-1512	5.6	4
8	Sex-lethal in neurons controls female body growth in Drosophila. <i>Fly</i> , 2018 , 12, 133-141	1.3	1
7	Adipose Triglyceride Lipase protects the endocytosis of renal cells on a high fat diet in Drosophila		1
6	Metabolic decisions in development and disease-a Keystone Symposia report. <i>Annals of the New York Academy of Sciences</i> , 2021 ,	6.5	1
5	Functions of Stress-Induced Lipid Droplets in the Nervous System.. <i>Frontiers in Cell and Developmental Biology</i> , 2022 , 10, 863907	5.7	1
4	Quantification of fetal organ sparing in maternal low-protein dietary models. <i>Wellcome Open Research</i> , 6 , 218	4.8	0
3	Cryogenic OrbiSIMS Localizes Semi-Volatile Molecules in Biological Tissues. <i>Angewandte Chemie</i> , 2020 , 132, 18351-18357	3.6	
2	Two Negatives Make a Positive for Insulin Secretion and Growth. <i>Developmental Cell</i> , 2019 , 48, 11-12	10.2	
1	Quantification of fetal organ sparing in maternal low-protein dietary models. <i>Wellcome Open Research</i> , 6 , 218	4.8	