

Alex P Gould

List of Publications by Year in descending order

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53
papers

5,376
citations

172457

29
h-index

189892

50
g-index

60
all docs

60
docs citations

60
times ranked

5963
citing authors

#	ARTICLE	IF	CITATIONS
1	Antioxidant Role for Lipid Droplets in a Stem Cell Niche of Drosophila. <i>Cell</i> , 2015, 163, 340-353.	28.9	455
2	Lipid droplet functions beyond energy storage. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2017, 1862, 1260-1272.	2.4	402
3	Fat cells reactivate quiescent neuroblasts via TOR and glial insulin relays in Drosophila. <i>Nature</i> , 2011, 471, 508-512.	27.8	357
4	Specialized hepatocyte-like cells regulate Drosophila lipid metabolism. <i>Nature</i> , 2007, 445, 275-280.	27.8	350
5	Temporal Transcription Factors and Their Targets Schedule the End of Neural Proliferation in Drosophila. <i>Cell</i> , 2008, 133, 891-902.	28.9	303
6	Multi-isotope imaging mass spectrometry quantifies stem cell division and metabolism. <i>Nature</i> , 2012, 481, 516-519.	27.8	274
7	Initiation of Rhombomeric Hoxb4 Expression Requires Induction by Somites and a Retinoid Pathway. <i>Neuron</i> , 1998, 21, 39-51.	8.1	260
8	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, 1684-1688.	7.1	255
9	Positive cross-regulation and enhancer sharing: two mechanisms for specifying overlapping Hox expression patterns.. <i>Genes and Development</i> , 1997, 11, 900-913.	5.9	234
10	Anaplastic Lymphoma Kinase Spares Organ Growth during Nutrient Restriction in Drosophila. <i>Cell</i> , 2011, 146, 435-447.	28.9	211
11	Functions of mammalian Polycomb group and trithorax group related genes. <i>Current Opinion in Genetics and Development</i> , 1997, 7, 488-494.	3.3	194
12	A Pulse of the Drosophila Hox Protein Abdominal-A Schedules the End of Neural Proliferation via Neuroblast Apoptosis. <i>Neuron</i> , 2003, 37, 209-219.	8.1	192
13	Targets of homeotic gene control in Drosophila. <i>Nature</i> , 1990, 348, 308-312.	27.8	169
14	Selectivity, sharing and competitive interactions in the regulation of Hoxb genes. <i>EMBO Journal</i> , 1998, 17, 1788-1798.	7.8	145
15	The Development and Functions of Oenocytes. <i>Annual Review of Entomology</i> , 2014, 59, 405-425.	11.8	140
16	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, 2249-2253.	7.1	118
17	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, 3835-3845.	2.5	109
18	Postmitotic Specification of Drosophila Insulinergic Neurons from Pioneer Neurons. <i>PLoS Biology</i> , 2008, 6, e58.	5.6	104

#	ARTICLE	IF	CITATIONS
19	Regulating neural proliferation in the <i>Drosophila</i> CNS. <i>Current Opinion in Neurobiology</i> , 2010, 20, 50-57.	4.2	102
20	The Role of kreisler in Segmentation during Hindbrain Development. <i>Developmental Biology</i> , 1999, 211, 220-237.	2.0	94
21	Temporal control of neuronal diversity: common regulatory principles in insects and vertebrates?. <i>Development (Cambridge)</i> , 2008, 135, 3481-3489.	2.5	87
22	Brainy but not too brainy: starting and stopping neuroblast divisions in <i>Drosophila</i> . <i>Trends in Neurosciences</i> , 2005, 28, 30-36.	8.6	81
23	Early-life exposure to low-dose oxidants can increase longevity via microbiome remodelling in <i>Drosophila</i> . <i>Nature Communications</i> , 2018, 9, 975.	12.8	76
24	Direct crossregulation between retinoic acid receptor \hat{I}^2 and Hox genes during hindbrain segmentation. <i>Development (Cambridge)</i> , 2005, 132, 503-513.	2.5	65
25	Developmental diet regulates <i>Drosophila</i> lifespan via lipid autotoxins. <i>Nature Communications</i> , 2017, 8, 1384.	12.8	63
26	Protection of Neuronal Diversity at the Expense of Neuronal Numbers during Nutrient Restriction in the <i>Drosophila</i> Visual System. <i>Cell Reports</i> , 2013, 3, 587-594.	6.4	59
27	Hypoxic Regulation of Hand1 Controls the Fetal-Neonatal Switch in Cardiac Metabolism. <i>PLoS Biology</i> , 2013, 11, e1001666.	5.6	53
28	<i>abdominal A</i> specifies one cell type in <i>Drosophila</i> by regulating one principal target gene. <i>Development (Cambridge)</i> , 2002, 129, 2957-2963.	2.5	51
29	A novel family of single VWC domain proteins in invertebrates. <i>FEBS Letters</i> , 2007, 581, 5268-5274.	2.8	37
30	The sex of specific neurons controls female body growth in <i>Drosophila</i> . <i>PLoS Biology</i> , 2017, 15, e2002252.	5.6	36
31	EGF Receptor Signaling Regulates Pulses of Cell Delamination from the <i>Drosophila</i> Ectoderm. <i>Developmental Cell</i> , 2004, 7, 885-895.	7.0	27
32	Hox proteins drive cell segregation and non-autonomous apical remodelling during hindbrain segmentation. <i>Development (Cambridge)</i> , 2014, 141, 1492-1502.	2.5	26
33	Adipose triglyceride lipase protects renal cell endocytosis in a <i>Drosophila</i> dietary model of chronic kidney disease. <i>PLoS Biology</i> , 2021, 19, e3001230.	5.6	26
34	Cryogenic OrbiSIMS Localizes Semi-volatile Molecules in Biological Tissues. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 18194-18200.	13.8	23
35	Stable isotope analysis of dynamic lipidomics. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2017, 1862, 792-796.	2.4	22
36	<i>Drosophila</i> Spidey/Kar Regulates Oenocyte Growth via PI3-Kinase Signaling. <i>PLoS Genetics</i> , 2016, 12, e1006154.	3.5	22

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37	A <i>Drosophila</i> 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.	2.4	21
38	Insect oenocytes: a model system for studying cell-fate specification by Hox genes. <i>Journal of Anatomy</i> , 2001, 199, 25-33.	1.5	20
39	Insect oenocytes: a model system for studying cell-fate specification by Hox genes. <i>Journal of Anatomy</i> , 2001, 199, 25-33.	1.5	15
40	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, 12046-12054.	6.5	15
41	Histidine is selectively required for the growth of Myc-dependent dedifferentiation tumours in the <i>Drosophila</i> CNS. <i>EMBO Journal</i> , 2019, 38, .	7.8	15
42	Functions of Stress-Induced Lipid Droplets in the Nervous System. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 863907.	3.7	14
43	Homeobox cooperativity. <i>Trends in Genetics</i> , 1992, 8, 297-300.	6.7	6
44	An Improved Method for Measuring Absolute Metabolite Concentrations in Small Biofluid or Tissue Samples. <i>Journal of Proteome Research</i> , 2019, 18, 1503-1512.	3.7	6
45	Metabolic decisions in development and disease – a Keystone Symposia report. <i>Annals of the New York Academy of Sciences</i> , 2021, 1506, 55-73.	3.8	6
46	Applying an Adaptive Watershed to the Tissue Cell Quantification During T-Cell Migration and Embryonic Development. <i>Methods in Molecular Biology</i> , 2010, 616, 207-228.	0.9	6
47	Sex-lethal in neurons controls female body growth in <i>Drosophila</i> . <i>Fly</i> , 2018, 12, 133-141.	1.7	5
48	Cryogenic Orbitrap SIMS Localizes Semi-volatile Molecules in Biological Tissues. <i>Angewandte Chemie</i> , 2020, 132, 18351-18357.	2.0	5
49	Quantification of fetal organ sparing in maternal low-protein dietary models. <i>Wellcome Open Research</i> , 0, 6, 218.	1.8	5
50	Developmental diet impacts on <i>Drosophila</i> lifespan via lipid autotoxins. <i>Mechanisms of Development</i> , 2017, 145, S132.	1.7	1
51	03-P021 Live imaging of Hox-induced neuroepithelial cell clusters. <i>Mechanisms of Development</i> , 2009, 126, S73.	1.7	0
52	Two Negatives Make a Positive for Insulin Secretion and Growth. <i>Developmental Cell</i> , 2019, 48, 11-12.	7.0	0
53	Quantification of fetal organ sparing in maternal low-protein dietary models. <i>Wellcome Open Research</i> , 0, 6, 218.	1.8	0