

James Castelli-Gair HombrÃ-a

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

1,648
citations

430442

18
h-index

360668

35
g-index

40
all docs

40
docs citations

40
times ranked

1484
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of the first invertebrate interleukin JAK/STAT receptor, the <i>Drosophila</i> gene <i>domeless</i> . <i>Current Biology</i> , 2001, 11, 1700-1705.	1.8	320
2	Beyond homeosis – HOX function in morphogenesis and organogenesis. <i>Differentiation</i> , 2003, 71, 461-476.	1.0	164
3	Characterisation of <i>Upd2</i> , a <i>Drosophila</i> JAK/STAT pathway ligand. <i>Developmental Biology</i> , 2005, 288, 420-433.	0.9	159
4	The Fertile Field of <i>Drosophila</i> JAK/STAT Signalling. <i>Current Biology</i> , 2002, 12, R569-R575.	1.8	154
5	Compartmentalisation of Rho regulators directs cell invagination during tissue morphogenesis. <i>Development (Cambridge)</i> , 2006, 133, 4257-4267.	1.2	96
6	Coordinated Control of Cell Adhesion, Polarity, and Cytoskeleton Underlies Hox-Induced Organogenesis in <i>Drosophila</i> . <i>Current Biology</i> , 2006, 16, 2206-2216.	1.8	88
7	Study of the Posterior Spiracles of <i>Drosophila</i> as a Model to Understand the Genetic and Cellular Mechanisms Controlling Morphogenesis. <i>Developmental Biology</i> , 1999, 214, 197-210.	0.9	67
8	<i>crossveinless-c</i> is a RhoGAP required for actin reorganisation during morphogenesis. <i>Development (Cambridge)</i> , 2005, 132, 2389-2400.	1.2	62
9	Opposing roles for <i>Drosophila</i> JAK/STAT signalling during cellular proliferation. <i>Oncogene</i> , 2005, 24, 2503-2511.	2.6	56
10	Novel level of signalling control in the JAK/STAT pathway revealed by in situ visualisation of protein-protein interaction during <i>Drosophila</i> development. <i>Development (Cambridge)</i> , 2003, 130, 3077-3084.	1.2	44
11	Common Origin of Insect Trachea and Endocrine Organs from a Segmentally Repeated Precursor. <i>Current Biology</i> , 2014, 24, 76-81.	1.8	44
12	Interactions of Polycomb and <i>trithorax</i> with cis regulatory regions of <i>Ultrabithorax</i> during the development of <i>Drosophila melanogaster</i> . <i>EMBO Journal</i> , 1990, 9, 4267-4275.	3.5	39
13	JAK/STAT signalling in <i>Drosophila</i> controls cell motility during germ cell migration. <i>Developmental Dynamics</i> , 2006, 235, 958-966.	0.8	33
14	Plasticity of <i>Drosophila</i> Stat DNA binding shows an evolutionary basis for Stat transcription factor preferences. <i>EMBO Reports</i> , 2008, 9, 1114-1120.	2.0	31
15	Antagonism Versus Cooperativity with TALE Cofactors at the Base of the Functional Diversification of Hox Protein Function. <i>PLoS Genetics</i> , 2013, 9, e1003252.	1.5	28
16	An efficient approach to isolate STAT regulated enhancers uncovers STAT92E fundamental role in <i>Drosophila</i> tracheal development. <i>Developmental Biology</i> , 2010, 340, 571-582.	0.9	27
17	In vivo Hox binding specificity revealed by systematic changes to a single cis regulatory module. <i>Nature Communications</i> , 2019, 10, 3597.	5.8	27
18	Hox-controlled reorganisation of intrasegmental patterning cues underlies <i>Drosophila</i> posterior spiracle organogenesis. <i>Development (Cambridge)</i> , 2005, 132, 3093-3102.	1.2	23

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19	Polarized Subcellular Localization of JAK/STAT Components Is Required for Efficient Signaling. <i>Current Biology</i> , 2008, 18, 624-629.	1.8	21
20	JAK/STAT and Hox Dynamic Interactions in an Organogenetic Gene Cascade. <i>PLoS Genetics</i> , 2015, 11, e1005412.	1.5	21
21	Disclosing JAK/STAT links to cell adhesion and cell polarity. <i>Seminars in Cell and Developmental Biology</i> , 2008, 19, 370-378.	2.3	17
22	Src kinases mediate the interaction of the apical determinant Bazooka/PAR3 with STAT92E and increase signalling efficiency in <i>Drosophila</i> ectodermal cells. <i>Development (Cambridge)</i> , 2013, 140, 1507-1516.	1.2	17
23	Positive and negative cis-regulatory elements in the bithoraxoid region of the <i>Drosophila</i> Ultrabithorax gene. <i>Molecular Genetics and Genomics</i> , 1992, 234, 177-184.	2.4	16
24	Genetic control of morphogenesis - Hox induced organogenesis of the posterior spiracles. <i>International Journal of Developmental Biology</i> , 2009, 53, 1349-1358.	0.3	14
25	Forces shaping a Hox morphogenetic gene network. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 4303-4308.	3.3	10
26	JAK-STAT pathway in <i>Drosophila</i> morphogenesis. <i>Jak-stat</i> , 2013, 2, e26089.	2.2	10
27	Butterfly eyespot serial homology: enter the Hox genes. <i>BMC Biology</i> , 2011, 9, 26.	1.7	9
28	Precise long-range migration results from short-range stepwise migration during ring gland organogenesis. <i>Developmental Biology</i> , 2016, 414, 45-57.	0.9	9
29	Anterior Hox Genes and the Process of Cephalization. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 718175.	1.8	9
30	Ultrabithorax protein expression in breakpoint mutants: localization of single, co-operative and redundant cis regulatory elements. <i>Roux's Archives of Developmental Biology</i> , 1994, 203, 411-421.	1.2	7
31	JAK/STAT Signalling: STAT Cannot Play with Ken and Barbie. <i>Current Biology</i> , 2006, 16, R98-R100.	1.8	7
32	Organogenetic Gene Networks. , 2016, , .		7
33	Functional analysis of the <i>Drosophila</i> RhoGAP Cvc protein and its equivalence to the human DLC3 and DLC1 proteins. <i>Scientific Reports</i> , 2018, 8, 4601.	1.6	5
34	Characterizing the embryonic development of <i>B. hygida</i> (Diptera: Sciaridae) following enzymatic treatment to permeabilize the serosal cuticle. <i>Mechanisms of Development</i> , 2018, 154, 270-276.	1.7	4
35	Why should we care about fly tumors?. <i>Jak-stat</i> , 2013, 2, e23203.	2.2	2
36	Cell Signalling: Combining Pathways for Diversification and Reproducibility. <i>Current Biology</i> , 2016, 26, R1153-R1155.	1.8	1

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37	Models for Studying Organogenetic Gene Networks in the 21st Century. , 2016, , 1-7.		0
38	Evo“Devo: When Four Became Two Plus Two. Current Biology, 2020, 30, R655-R657.	1.8	0