James Castelli-Gair HombrÃ-a

List of Publications by Year
in descending order

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	Anterior Hox Genes and the Process of Cephalization. Frontiers in Cell and Developmental Biology, 2021, 9, 718175.	1.8	9
2	Evoâ€“Devo: When Four Became Two Plus Two. Current Biology, 2020, 30, R655-R657.	1.8	0
3	In vivo Hox binding specificity revealed by systematic changes to a single cis regulatory module. Nature Communications, 2019, 10, 3597.	5.8	27
4	Functional analysis of the Drosophila RhoGAP Cv-c protein and its equivalence to the human DLC3 and DLC1 proteins. Scientific Reports, 2018, 8, 4601.	1.6	5
5	Characterizing the embryonic development of B. hygida (Diptera: Sciaridae) following enzymatic treatment to permeabilize the serosal cuticle. Mechanisms of Development, 2018, 154, 270-276.	1.7	4
6	Precise long-range migration results from short-range stepwise migration during ring gland organogenesis. Developmental Biology, 2016, 414, 45-57.	0.9	9
7	Organogenetic Gene Networks. , 2016, , .		7
8	Models for Studying Organogenetic Gene Networks in the 21st Century. , 2016, , 1-7.		0
9	Cell Signalling: Combining Pathways for Diversification and Reproducibility. Current Biology, 2016, 26, R1153-R1155.	1.8	1
10	JAK/STAT and Hox Dynamic Interactions in an Organogenetic Gene Cascade. PLoS Genetics, 2015, 11, e1005412.	1.5	21
11	Common Origin of Insect Trachea and Endocrine Organs from a Segmentally Repeated Precursor. Current Biology, 2014, 24, 76-81.	1.8	44
12	Forces shaping a Hox morphogenetic gene network. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 4303-4308.	3.3	10
13	Antagonism Versus Cooperativity with TALE Cofactors at the Base of the Functional Diversification of Hox Protein Function. PLoS Genetics, 2013, 9, e1003252.	1.5	28
14	Src kinases mediate the interaction of the apical determinant Bazooka/PAR3 with STAT92E and increase signalling efficiency in Drosophila ectodermal cells. Development (Cambridge), 2013, 140, 1507-1516.	1.2	17
15	JAK-STAT pathway inDrosophilamorphogenesis. Jak-stat, 2013, 2, e26089.	2.2	10
16	Why should we care about fly tumors?. Jak-stat, 2013, 2, e23203.	2.2	2
17	Butterfly eyespot serial homology: enter the Hox genes. BMC Biology, 2011, 9, 26.	1.7	9
18	An efficient approach to isolate STAT regulated enhancers uncovers STAT92E fundamental role in Drosophila tracheal development. Developmental Biology, 2010, 340, 571-582.	0.9	27

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19	Genetic control of morphogenesis - Hox induced organogenesis of the posterior spiracles. International Journal of Developmental Biology, 2009, 53, 1349-1358.	0.3	14
20	Plasticity of Drosophila Stat DNA binding shows an evolutionary basis for Stat transcription factor preferences. EMBO Reports, 2008, 9, 1114-1120.	2.0	31
21	Polarized Subcellular Localization of JAK/STAT Components Is Required for Efficient Signaling. Current Biology, 2008, 18, 624-629.	1.8	21
22	Disclosing JAK/STAT links to cell adhesion and cell polarity. Seminars in Cell and Developmental Biology, 2008, 19, 370-378.	2.3	17
23	Compartmentalisation of Rho regulators directs cell invagination during tissue morphogenesis. Development (Cambridge), 2006, 133, 4257-4267.	1.2	96
24	JAK/STAT Signalling: STAT Cannot Play with Ken and Barbie. Current Biology, 2006, 16, R98-R100.	1.8	7
25	Coordinated Control of Cell Adhesion, Polarity, and Cytoskeleton Underlies Hox-Induced Organogenesis in Drosophila. Current Biology, 2006, 16, 2206-2216.	1.8	88
26	JAK/STAT signalling inDrosophila controls cell motility during germ cell migration. Developmental Dynamics, 2006, 235, 958-966.	0.8	33
27	Opposing roles for Drosophila JAK/STAT signalling during cellular proliferation. Oncogene, 2005, 24, 2503-2511.	2.6	56
28	crossveinless-c is a RhoGAP required for actin reorganisation during morphogenesis. Development (Cambridge), 2005, 132, 2389-2400.	1.2	62
29	Hox-controlled reorganisation of intrasegmental patterning cues underlies Drosophila posterior spiracle organogenesis. Development (Cambridge), 2005, 132, 3093-3102.	1.2	23
30	Characterisation of Upd2, a Drosophila JAK/STAT pathway ligand. Developmental Biology, 2005, 288, 420-433.	0.9	159
31	Beyond homeosisâ€"HOX function in morphogenesis and organogenesis. Differentiation, 2003, 71, 461-476.	1.0	164
32	Novel level of signalling control in the JAK/STAT pathway revealed by in situ visualisation of protein-protein interaction during Drosophiladevelopment. Development (Cambridge), 2003, 130, 3077-3084.	1.2	44
33	The Fertile Field of Drosophila JAK/STAT Signalling. Current Biology, 2002, 12, R569-R575.	1.8	154
34	Identification of the first invertebrate interleukin JAK/STAT receptor, the Drosophila gene domeless. Current Biology, 2001, 11, 1700-1705.	1.8	320
35	Study of the Posterior Spiracles of Drosophila as a Model to Understand the Genetic and Cellular Mechanisms Controlling Morphogenesis. Developmental Biology, 1999, 214, 197-210.	0.9	67
36	Ultrabithorax protein expression in breakpoint mutants: localization of single, co-operative and redundant cis regulatory elements. Roux's Archives of Developmental Biology, 1994, 203, 411-421.	1.2	7

#	Article	IF	Citations
37	Positive and negative cis-regulatory elements in the bithoraxoid region of the Drosophila Ultrabithorax gene. Molecular Genetics and Genomics, 1992, 234, 177-184.	2.4	16
38	Interactions of Polycomb and trithorax with cis regulatory regions of Ultrabithorax during the development of Drosophila melanogaster.. EMBO Journal, 1990, 9, 4267-4275.	3.5	39