

Sol Sotillos

List of Publications by Year in descending order

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24
papers

874
citations

623188

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26
all docs

26
docs citations

26
times ranked

1005
citing authors

#	ARTICLE	IF	CITATIONS
1	DaPKC-dependent phosphorylation of Crumbs is required for epithelial cell polarity in <i>Drosophila</i> . <i>Journal of Cell Biology</i> , 2004, 166, 549-557.	2.3	216
2	Scutoids are a geometrical solution to three-dimensional packing of epithelia. <i>Nature Communications</i> , 2018, 9, 2960.	5.8	98
3	Compartmentalisation of Rho regulators directs cell invagination during tissue morphogenesis. <i>Development (Cambridge)</i> , 2006, 133, 4257-4267.	1.2	96
4	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
5	Regulated Crb accumulation controls apical constriction and invagination in <i>Drosophila</i> tracheal cells. <i>Journal of Cell Science</i> , 2011, 124, 240-251.	1.2	58
6	Interactions between the Notch, EGFR, and decapentaplegic signaling pathways regulate vein differentiation during <i>Drosophila</i> pupal wing development. <i>Developmental Dynamics</i> , 2005, 232, 738-752.	0.8	56
7	Common Origin of Insect Trachea and Endocrine Organs from a Segmentally Repeated Precursor. <i>Current Biology</i> , 2014, 24, 76-81.	1.8	44
8	Monocyte activation: rapid induction of $\alpha 1 \beta 2$ (VLA-1) integrin expression by lipopolysaccharide and interferon- γ . <i>European Journal of Immunology</i> , 1995, 25, 2701-2705.	1.6	40
9	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
10	Regulation of decapentaplegic expression during <i>Drosophila</i> wing veins pupal development. <i>Mechanisms of Development</i> , 2006, 123, 241-251.	1.7	22
11	Polarized Subcellular Localization of JAK/STAT Components Is Required for Efficient Signaling. <i>Current Biology</i> , 2008, 18, 624-629.	1.8	21
12	Hematopoietic Cell-Type-Dependent Regulation of Leukocyte Integrin Functional Activity: CD11b and CD11c Expression Inhibits LFA-1-Dependent Aggregation of Differentiated U937 Cells. <i>Cellular Immunology</i> , 1995, 164, 163-169.	1.4	18
13	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
14	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
15	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
16	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
17	JAK-STAT pathway in <i>Drosophila</i> morphogenesis. <i>Jak-stat</i> , 2013, 2, e26089.	2.2	10
18	JAK/STAT Signalling: STAT Cannot Play with Ken and Barbie. <i>Current Biology</i> , 2006, 16, R98-R100.	1.8	7

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19	Nuclear fallout provides a new link between aPKC and polarized cell trafficking. BMC Biology, 2016, 14, 32.	1.7	5
20	Functional analysis of the Drosophila RhoGAP Cvc protein and its equivalence to the human DLC3 and DLC1 proteins. Scientific Reports, 2018, 8, 4601.	1.6	5
21	Nuf and Rip11 requirement for polarity determinant recycling during Drosophila development. Small GTPases, 2018, 9, 352-359.	0.7	4
22	Role of the achaete-scute complex genes in the development of the adult peripheral nervous system of Drosophila melanogaster. , 2005, , 296-309.		0
23	Evoâ€œDevo: When Four Became Two Plus Two. Current Biology, 2020, 30, R655-R657.	1.8	0
24	Regulated Crb accumulation controls apical constriction and invagination in <i>Drosophila</i> tracheal cells. Development (Cambridge), 2011, 138, e0307-e0307.	1.2	0