

Stefan E Luschnig

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

2,324
citations

304602

22
h-index

302012

39
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47
all docs

47
docs citations

47
times ranked

2564
citing authors

#	ARTICLE	IF	CITATIONS
1	Branching Morphogenesis of the <i>Drosophila</i> Tracheal System. <i>Annual Review of Cell and Developmental Biology</i> , 2003, 19, 623-647.	4.0	307
2	serpentine and vermiform Encode Matrix Proteins with Chitin Binding and Deacetylation Domains that Limit Tracheal Tube Length in <i>Drosophila</i> . <i>Current Biology</i> , 2006, 16, 186-194.	1.8	301
3	Genome-wide identification of mRNAs associated with the translational regulator PUMILIO in <i>Drosophila melanogaster</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 4487-4492.	3.3	264
4	Requirement for chitin biosynthesis in epithelial tube morphogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 17014-17019.	3.3	137
5	Pumilio Binds <i>para</i> mRNA and Requires Nanos and Brat to Regulate Sodium Current in <i>Drosophila</i> Motoneurons. <i>Journal of Neuroscience</i> , 2008, 28, 2099-2109.	1.7	105
6	Sec24-Dependent Secretion Drives Cell-Autonomous Expansion of Tracheal Tubes in <i>Drosophila</i> . <i>Current Biology</i> , 2010, 20, 62-68.	1.8	101
7	Src42A-dependent polarized cell shape changes mediate epithelial tube elongation in <i>Drosophila</i> . <i>Nature Cell Biology</i> , 2012, 14, 526-534.	4.6	96
8	An F1 Genetic Screen for Maternal-Effect Mutations Affecting Embryonic Pattern Formation in <i>Drosophila melanogaster</i> . <i>Genetics</i> , 2004, 167, 325-342.	1.2	85
9	The Triple-Repeat Protein Anakonda Controls Epithelial Tricellular Junction Formation in <i>Drosophila</i> . <i>Developmental Cell</i> , 2015, 33, 535-548.	3.1	72
10	Î³-Tubulin37C and Î³-tubulin ring complex protein 75 Are Essential for bicoid RNA Localization during <i>Drosophila</i> Oogenesis. <i>Developmental Cell</i> , 2002, 3, 685-696.	3.1	70
11	Kinase-activity-independent functions of atypical protein kinase C in <i>Drosophila</i> . <i>Journal of Cell Science</i> , 2009, 122, 3759-3771.	1.2	67
12	The <i>Drosophila</i> SHC Adaptor Protein Is Required for Signaling by a Subset of Receptor Tyrosine Kinases. <i>Molecular Cell</i> , 2000, 5, 231-241.	4.5	63
13	The transmembrane protein Macroglobulin complement-related is essential for septate junction formation and epithelial barrier function in <i>Drosophila</i> . <i>Development (Cambridge)</i> , 2014, 141, 899-908.	1.2	63
14	Krapfen/dMyd88 is required for the establishment of dorsoventral pattern in the <i>Drosophila</i> embryo. <i>Mechanisms of Development</i> , 2003, 120, 219-226.	1.7	43
15	Luminal matrices: An inside view on organ morphogenesis. <i>Experimental Cell Research</i> , 2014, 321, 64-70.	1.2	43
16	Î³COP Is Required for Apical Protein Secretion and Epithelial Morphogenesis in <i>Drosophila melanogaster</i> . <i>PLoS ONE</i> , 2008, 3, e3241.	1.1	43
17	Staccato/Unc-13-4 controls secretory lysosome-mediated lumen fusion during epithelial tube Anastomosis. <i>Nature Cell Biology</i> , 2016, 18, 727-739.	4.6	42
18	Polarization-resolved microscopy reveals a muscle myosin motor-independent mechanism of molecular actin ordering during sarcomere maturation. <i>PLoS Biology</i> , 2018, 16, e2004718.	2.6	42

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19	<i>Drosophila</i> Brakeless Interacts with Atrophin and Is Required for Tailless-Mediated Transcriptional Repression in Early Embryos. <i>PLoS Biology</i> , 2007, 5, e145.	2.6	36
20	The <i>Drosophila</i> Sec7 domain guanine nucleotide exchange factor protein Gartenzweg localizes at the cis-Golgi and is essential for epithelial tube expansion. <i>Journal of Cell Science</i> , 2012, 125, 1318-1328.	1.2	35
21	<i>Drosophila</i> p24 homologues eclair and baisier are necessary for the activity of the maternally expressed Tkv receptor during early embryogenesis. <i>Mechanisms of Development</i> , 2004, 121, 1259-1273.	1.7	30
22	The ETS domain transcriptional repressor Anterior open inhibits MAP kinase and Wingless signaling to couple tracheal cell fate with branch identity. <i>Development (Cambridge)</i> , 2013, 140, 1240-1249.	1.2	29
23	Tube fusion: Making connections in branched tubular networks. <i>Seminars in Cell and Developmental Biology</i> , 2014, 31, 82-90.	2.3	29
24	miR-190 Enhances HIF-Dependent Responses to Hypoxia in <i>Drosophila</i> by Inhibiting the Prolyl-4-hydroxylase Fatiga. <i>PLoS Genetics</i> , 2016, 12, e1006073.	1.5	25
25	A genetically encoded biosensor for visualizing hypoxia responses <i>in vivo</i> . <i>Biology Open</i> , 2017, 6, 296-304.	0.6	23
26	The adherens junction-associated LIM domain protein Smallish regulates epithelial morphogenesis. <i>Journal of Cell Biology</i> , 2018, 217, 1079-1095.	2.3	20
27	Transient opening of tricellular vertices controls paracellular transport through the follicle epithelium during <i>Drosophila</i> oogenesis. <i>Developmental Cell</i> , 2021, 56, 1083-1099.e5.	3.1	19
28	Multiple Nonsense-Mediated mRNA Processes Require <i>Smg5</i> in <i>Drosophila</i> . <i>Genetics</i> , 2018, 209, 1073-1084.	1.2	18
29	Wollknäuel is required for embryo patterning and encodes the <i>Drosophila</i> ALG5 UDP-glucose:dolichyl-phosphate glucosyltransferase. <i>Development (Cambridge)</i> , 2008, 135, 1745-1749.	1.2	16
30	The Transmembrane Proteins M6 and Anakonda Cooperate to Initiate Tricellular Junction Assembly in Epithelia of <i>Drosophila</i> . <i>Current Biology</i> , 2020, 30, 4254-4262.e5.	1.8	16
31	Matrix metalloproteinase 1 modulates invasive behavior of tracheal branches during entry into <i>Drosophila</i> flight muscles. <i>ELife</i> , 2019, 8, .	2.8	16
32	Localization and Activation of the <i>Drosophila</i> Protease Easter Require the ER-Resident Saposin-like Protein Seele. <i>Current Biology</i> , 2010, 20, 1953-1958.	1.8	10
33	Cells into tubes: Molecular and physical principles underlying lumen formation in tubular organs. <i>Current Topics in Developmental Biology</i> , 2021, 143, 37-74.	1.0	10
34	Faithful mRNA splicing depends on the Prp19 complex subunit <i>faint sausage</i> and is required for tracheal branching morphogenesis in <i>Drosophila</i> . <i>Development (Cambridge)</i> , 2017, 144, 657-663.	1.2	9
35	Rabs on the fly: Functions of Rab GTPases during development. <i>Small GTPases</i> , 2019, 10, 89-98.	0.7	9
36	Tracheal tube fusion in <i>Drosophila</i> involves release of extracellular vesicles from multivesicular bodies. <i>Journal of Cell Science</i> , 2022, 135, .	1.2	8

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37	Control of Germline <i>torso</i> Expression by the BTB/POZ Domain Protein Pipsqueak Is Required for Embryonic Terminal Patterning in <i>Drosophila</i> . <i>Genetics</i> , 2011, 187, 513-521.	1.2	6
38	Using migrating cells as probes to illuminate features in live embryonic tissues. <i>Science Advances</i> , 2020, 6, .	4.7	6
39	PI(4,5)P2 controls slit diaphragm formation and endocytosis in <i>Drosophila</i> nephrocytes. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 248.	2.4	6
40	The <i>Drosophila</i> Sec7 domain guanine nucleotide exchange factor protein Gartenzweg localizes at the cis-Golgi and is essential for epithelial tube expansion. <i>Development (Cambridge)</i> , 2012, 139, e708-e708.	1.2	0