

BÃ©nÃ©dicte Sanson

List of Publications by Year in descending order

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35
papers

2,504
citations

331670

21
h-index

501196

28
g-index

44
all docs

44
docs citations

44
times ranked

2323
citing authors

#	ARTICLE	IF	CITATIONS
1	Uncoupling cadherin-based adhesion from wingless signalling in <i>Drosophila</i> . <i>Nature</i> , 1996, 383, 627-630.	27.8	343
2	Tissue tectonics: morphogenetic strain rates, cell shape change and intercalation. <i>Nature Methods</i> , 2009, 6, 458-464.	19.0	241
3	Cell shape changes indicate a role for extrinsic tensile forces in <i>Drosophila</i> germ-band extension. <i>Nature Cell Biology</i> , 2009, 11, 859-864.	10.3	227
4	An actomyosin-based barrier inhibits cell mixing at compartmental boundaries in <i>Drosophila</i> embryos. <i>Nature Cell Biology</i> , 2010, 12, 60-65.	10.3	216
5	Analysis of the expression patterns, subcellular localisations and interaction partners of <i>Drosophila</i> proteins using a pigP protein trap library. <i>Development (Cambridge)</i> , 2014, 141, 3994-4005.	2.5	160
6	Generating patterns from fields of cells. <i>EMBO Reports</i> , 2001, 2, 1083-1088.	4.5	131
7	The glypican Dally-like is required for Hedgehog signalling in the embryonic epidermis of <i>Drosophila</i> . <i>Development (Cambridge)</i> , 2003, 130, 6245-6255.	2.5	131
8	Epithelial polarity and morphogenesis. <i>Current Opinion in Cell Biology</i> , 2011, 23, 540-546.	5.4	128
9	Mechanical Coupling between Endoderm Invagination and Axis Extension in <i>Drosophila</i> . <i>PLoS Biology</i> , 2015, 13, e1002292.	5.6	128
10	Subcellular localisations of the CPTI collection of YFP-tagged proteins in <i>Drosophila</i> embryos. <i>Development (Cambridge)</i> , 2014, 141, 4006-4017.	2.5	105
11	Unipolar distributions of junctional Myosin II identify cell stripe boundaries that drive cell intercalation throughout <i>Drosophila</i> axis extension. <i>ELife</i> , 2016, 5, .	6.0	95
12	Engrailed and Hedgehog Make the Range of Wingless Asymmetric in <i>Drosophila</i> Embryos. <i>Cell</i> , 1999, 98, 207-216.	28.9	80
13	Actomyosin-Driven Tension at Compartmental Boundaries Orients Cell Division Independently of Cell Geometry In Vivo. <i>Developmental Cell</i> , 2018, 47, 727-740.e6.	7.0	72
14	The tricellular vertex-specific adhesion molecule Sidekick facilitates polarised cell intercalation during <i>Drosophila</i> axis extension. <i>PLoS Biology</i> , 2019, 17, e3000522.	5.6	54
15	Tension and Epithelial Morphogenesis in <i>Drosophila</i> Early Embryos. <i>Current Topics in Developmental Biology</i> , 2011, 95, 145-187.	2.2	51
16	A Screen for Identifying Genes Interacting With Armadillo, the <i>Drosophila</i> Homolog of β -Catenin. <i>Genetics</i> , 1999, 153, 1753-1766.	2.9	50
17	Establishment and maintenance of compartmental boundaries: role of contractile actomyosin barriers. <i>Cellular and Molecular Life Sciences</i> , 2011, 68, 1897-1910.	5.4	47
18	Endoribonuclease RegB from bacteriophage T4 is necessary for the degradation of early but not middle or late mRNAs Edited by M. Yaniv. <i>Journal of Molecular Biology</i> , 2000, 297, 1063-1074.	4.2	44

#	ARTICLE	IF	CITATIONS
19	Geometry can provide long-range mechanical guidance for embryogenesis. <i>PLoS Computational Biology</i> , 2017, 13, e1005443.	3.2	42
20	Dual Role of the Sequence-specific Bacteriophage T4 Endoribonuclease RegB. <i>Journal of Molecular Biology</i> , 1993, 233, 429-446.	4.2	36
21	Suppression of epithelial folding at actomyosin-enriched compartment boundaries downstream of Wingless signalling in <i>Drosophila</i> . <i>Development (Cambridge)</i> , 2018, 145, .	2.5	24
22	Post-transcriptional controls in bacteriophage T4: roles of the sequence-specific endoribonuclease RegB. <i>FEMS Microbiology Reviews</i> , 1995, 17, 141-150.	8.6	23
23	Embryo-scale epithelial buckling forms a propagating furrow that initiates gastrulation. <i>Nature Communications</i> , 2022, 13, .	12.8	22
24	Cell sorting and morphogenesis in early <i>Drosophila</i> embryos. <i>Seminars in Cell and Developmental Biology</i> , 2020, 107, 147-160.	5.0	14
25	An in vivo model of apoptosis: linking cell behaviours and caspase substrates in embryos lacking DIAP1. <i>Journal of Cell Science</i> , 2007, 120, 2594-2608.	2.0	11
26	Adhesion-regulated junction slippage controls cell intercalation dynamics in an Apposed-Cortex Adhesion Model. <i>PLoS Computational Biology</i> , 2022, 18, e1009812.	3.2	9
27	A Screen for Genes Regulating the Wingless Gradient in <i>Drosophila</i> Embryos. <i>Genetics</i> , 2005, 170, 749-766.	2.9	6
28	Performing Chromophore-Assisted Laser Inactivation in <i>Drosophila</i> Embryos Using GFP. <i>Methods in Molecular Biology</i> , 2016, 1478, 161-176.	0.9	3
29	Joint Motion Estimation and Source Identification Using Convective Regularisation with an Application to the Analysis of Laser Nanoablations. , 2021, , 191-227.		0
30	Title is missing!. , 2019, 17, e3000522.		0
31	Title is missing!. , 2019, 17, e3000522.		0
32	Title is missing!. , 2019, 17, e3000522.		0
33	Title is missing!. , 2019, 17, e3000522.		0
34	Title is missing!. , 2019, 17, e3000522.		0
35	Title is missing!. , 2019, 17, e3000522.		0