Stefano De Renzis

List of Publications by Citations

23 papers	2,130 citations	16 h-index	26 g-index
26 ext. papers	2,492 ext. citations	12.6 avg, IF	4.83 L-index

#	Paper	IF	Citations
23	Distinct membrane domains on endosomes in the recycling pathway visualized by multicolor imaging of Rab4, Rab5, and Rab11. *Journal of Cell Biology*, **2000**, 149, 901-14	7.3	812
22	Divalent Rab effectors regulate the sub-compartmental organization and sorting of early endosomes. *Nature Cell Biology*, **2002**, 4, 124-33	23.4	266
21	Unmasking activation of the zygotic genome using chromosomal deletions in the Drosophila embryo. *PLoS Biology*, **2007**, 5, e117	9.7	201
20	Interaction of the phosphotyrosine interaction/phosphotyrosine binding-related domains of Fe65 with wild-type and mutant Alzheimer's beta-amyloid precursor proteins. *Journal of Biological Chemistry*, **1997**, 272, 6399-405	5.4	126
19	An Optogenetic Method to Modulate Cell Contractility during Tissue Morphogenesis. *Developmental Cell*, **2015**, 35, 646-660	10.2	120
18	Guided morphogenesis through optogenetic activation of Rho signalling during early Drosophila embryogenesis. *Nature Communications*, **2018**, 9, 2366	17.4	92
17	Fe65 and the protein network centered around the cytosolic domain of the Alzheimer's beta-amyloid precursor protein. *FEBS Letters*, **1998**, 434, 1-7	3.8	92
16	Tubular endocytosis drives remodelling of the apical surface during epithelial morphogenesis in Drosophila. *Nature Communications*, **2013**, 4, 2244	17.4	68
15	Dorsal-ventral pattern of Delta trafficking is established by a Snail-Tom-Neuralized pathway. *Developmental Cell*, **2006**, 10, 257-64	10.2	66
14	Principles and applications of optogenetics in developmental biology. *Development (Cambridge)*, **2019**, 146,	6.6	49
13	Self-Organized Nuclear Positioning Synchronizes the Cell Cycle in Drosophila Embryos. *Cell*, **2019**, 177, 925-941.e17	56.2	44
12	Optogenetic Control of Protein Function: From Intracellular Processes to Tissue Morphogenesis. *Trends in Cell Biology*, **2016**, 26, 864-874	18.3	44
11	Downregulation of basal myosin-II is required for cell shape changes and tissue invagination. *EMBO Journal*, **2018**, 37,	13	38
10	Plasma membrane phosphoinositide balance regulates cell shape during Drosophila embryo morphogenesis. *Journal of Cell Biology*, **2014**, 205, 395-408	7.3	31
9	Optogenetic inhibition of Delta reveals digital Notch signalling output during tissue differentiation. *EMBO Reports*, **2019**, 20, e47999	6.5	21
8	Cross-linker-mediated regulation of actin network organization controls tissue morphogenesis. *Journal of Cell Biology*, **2019**, 218, 2743-2761	7.3	16
7	Using optogenetics to tackle systems-level questions of multicellular morphogenesis. *Current Opinion in Cell Biology*, **2020**, 66, 19-27	9	14

List of Publications

6	Cell and tissue manipulation with ultrashort infrared laser pulses in light-sheet microscopy. *Scientific Reports*, **2020**, 10, 1942	4.9	11
5	-spectrin is required for ratcheting apical pulsatile constrictions during tissue invagination. *EMBO Reports*, **2020**, 21, e49858	6.5	7
4	Desensitisation of Notch signalling through dynamic adaptation in the nucleus. *EMBO Journal*, **2021**, 40, e107245	13	4
3	Morphogenesis: Guiding Embryonic Development with Light. *Current Biology*, **2020**, 30, R998-R1001	6.3	3
2	Membrane-actin interactions in morphogenesis: Lessons learned from Drosophila cellularization.. *Seminars in Cell and Developmental Biology*, **2022**,	7.5	3
1	Cell division in tissues enables macrophage infiltration.. *Science*, **2022**, 376, 394-396	33.3	1