

Fernando MartÃ- n Belmonte

List of Publications by Year in descending order

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51
papers

4,048
citations

236925

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all docs

53
docs citations

53
times ranked

5223
citing authors

#	ARTICLE	IF	CITATIONS
1	Actomyosin fibers DApLE epithelial apical junctions. <i>Journal of Cell Biology</i> , 2022, 221, .	5.2	0
2	Deciphering the interplay between autophagy and polarity in epithelial tubulogenesis. <i>Seminars in Cell and Developmental Biology</i> , 2022, 131, 160-172.	5.0	3
3	Tip-end fusion of a rod-shaped secretory organelle. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, .	5.4	2
4	Smoothelin-like 2 Inhibits Coronin-1B to Stabilize the Apical Actin Cortex during Epithelial Morphogenesis. <i>Current Biology</i> , 2021, 31, 696-706.e9.	3.9	7
5	Breast cancer has a new metabolic Achilles' heel. <i>Nature Metabolism</i> , 2021, 3, 590-592.	11.9	1
6	Intercalate or invaginate: PI(3,4,5)P3 governs a membrane constriction switch in cell shaping. <i>Developmental Cell</i> , 2021, 56, 2542-2544.	7.0	0
7	Methods to Generate Tube Micropatterns for Epithelial Morphogenetic Analyses and Tissue Engineering. <i>Methods in Molecular Biology</i> , 2021, 2179, 227-242.	0.9	0
8	Apical poles without neighbouring cells. <i>Nature Materials</i> , 2020, 19, 935-937.	27.5	0
9	The vertebrate epithelial apical junctional complex: Dynamic interplay between Rho GTPase activity and cell polarization processes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2020, 1862, 183398.	2.6	13
10	Micropattern-based platform as a physiologically relevant model to study epithelial morphogenesis and nephrotoxicity. <i>Biomaterials</i> , 2019, 218, 119339.	11.4	17
11	Sfrp3 modulates stromal-epithelial crosstalk during mammary gland development by regulating Wnt levels. <i>Nature Communications</i> , 2019, 10, 2481.	12.8	10
12	Mechanosensitive adhesion complexes in epithelial architecture and cancer onset. <i>Current Opinion in Cell Biology</i> , 2018, 50, 42-49.	5.4	43
13	Signaling Networks in Epithelial Tube Formation. <i>Cold Spring Harbor Perspectives in Biology</i> , 2017, 9, a027946.	5.5	24
14	Endocytic turnover of Rab8 controls cell polarization. <i>Journal of Cell Science</i> , 2017, 130, 1147-1157.	2.0	21
15	DIDO as a Switchboard that Regulates Self-Renewal and Differentiation in Embryonic Stem Cells. <i>Stem Cell Reports</i> , 2017, 8, 1062-1075.	4.8	25
16	Phosphatase of regenerating liver (PRL)-3 disrupts epithelial architecture by altering the post-mitotic midbody position. <i>Journal of Cell Science</i> , 2016, 129, 4130-4142.	2.0	33
17	Developmental regulation of apical endocytosis controls epithelial patterning in vertebrate tubular organs. <i>Nature Cell Biology</i> , 2015, 17, 241-250.	10.3	60
18	Semaphorin-Plexin Signaling Controls Mitotic Spindle Orientation during Epithelial Morphogenesis and Repair. <i>Developmental Cell</i> , 2015, 33, 299-313.	7.0	56

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19	EGFR controls IQGAP basolateral membrane localization and mitotic spindle orientation during epithelial morphogenesis. <i>EMBO Journal</i> , 2014, 33, 129-145.	7.8	37
20	Picking up the threads: extracellular matrix signals in epithelial morphogenesis. <i>Current Opinion in Cell Biology</i> , 2014, 30, 83-90.	5.4	19
21	Cargo Sorting in the Endocytic Pathway: A Key Regulator of Cell Polarity and Tissue Dynamics. <i>Cold Spring Harbor Perspectives in Biology</i> , 2014, 6, a016899-a016899.	5.5	60
22	Methods for Analysis of Apical Lumen Trafficking Using Micropatterned 3D Systems. <i>Methods in Cell Biology</i> , 2013, 118, 105-123.	1.1	6
23	Crossroads of Wnt and Hippo in epithelial tissues. <i>Trends in Cell Biology</i> , 2013, 23, 380-389.	7.9	35
24	KIF16B delivers for transcytosis. <i>EMBO Journal</i> , 2013, 32, 2093-2095.	7.8	1
25	Mechanical control of epithelial lumen formation. <i>Small GTPases</i> , 2013, 4, 136-140.	1.6	18
26	Cell confinement controls centrosome positioning and lumen initiation during epithelial morphogenesis. <i>Journal of Cell Biology</i> , 2012, 198, 1011-1023.	5.2	103
27	Synaptotagmin-like proteins control the formation of a single apical membrane domain in epithelial cells. <i>Nature Cell Biology</i> , 2012, 14, 838-849.	10.3	124
28	Epithelial cell polarity, stem cells and cancer. <i>Nature Reviews Cancer</i> , 2012, 12, 23-38.	28.4	476
29	Divide and polarize: recent advances in the molecular mechanism regulating epithelial tubulogenesis. <i>Current Opinion in Cell Biology</i> , 2011, 23, 638-646.	5.4	37
30	A molecular network for de novo generation of the apical surface and lumen. <i>Nature Cell Biology</i> , 2010, 12, 1035-1045.	10.3	529
31	The Cdc42 GEF Intersectin 2 controls mitotic spindle orientation to form the lumen during epithelial morphogenesis. <i>Journal of Cell Biology</i> , 2010, 189, 725-738.	5.2	121
32	The Formin INF2 Regulates Basolateral-to-Apical Transcytosis and Lumen Formation in Association with Cdc42 and MAL2. <i>Developmental Cell</i> , 2010, 18, 814-827.	7.0	81
33	Chapter 3 Acquisition of Membrane Polarity in Epithelial Tube Formation. <i>International Review of Cell and Molecular Biology</i> , 2009, 274, 129-182.	3.2	19
34	Regulation of cell polarity during epithelial morphogenesis. <i>Current Opinion in Cell Biology</i> , 2008, 20, 227-234.	5.4	236
35	Cell-Polarity Dynamics Controls the Mechanism of Lumen Formation in Epithelial Morphogenesis. <i>Current Biology</i> , 2008, 18, 507-513.	3.9	190
36	Cell-Polarity Dynamics Controls the Mechanism of Lumen Formation in Epithelial Morphogenesis. <i>Current Biology</i> , 2008, 18, 630.	3.9	0

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37	Cell-Polarity Dynamics Controls the Mechanism of Lumen Formation in Epithelial Morphogenesis. <i>Current Biology</i> , 2008, 18, 1016.	3.9	1
38	Phosphoinositides Control Epithelial Development. <i>Cell Cycle</i> , 2007, 6, 1957-1961.	2.6	58
39	PTEN-Mediated Apical Segregation of Phosphoinositides Controls Epithelial Morphogenesis through Cdc42. <i>Cell</i> , 2007, 128, 383-397.	28.9	653
40	The hole picture. <i>Nature</i> , 2006, 442, 363-364.	27.8	7
41	Phosphatidylinositol-3,4,5-trisphosphate regulates the formation of the basolateral plasma membrane in epithelial cells. <i>Nature Cell Biology</i> , 2006, 8, 963-970.	10.3	267
42	Expression and Distribution of MAL2, an Essential Element of the Machinery for Basolateral-to-Apical Transcytosis, in Human Thyroid Epithelial Cells. <i>Endocrinology</i> , 2004, 145, 1011-1016.	2.8	21
43	MAL regulates clathrin-mediated endocytosis at the apical surface of Madin-Darby canine kidney cells. <i>Journal of Cell Biology</i> , 2003, 163, 155-164.	5.2	36
44	Isolation of Lipid Raft-Associated Proteolipids. , 2003, 228, 223-230.		1
45	MAL2, a novel raft protein of the MAL family, is an essential component of the machinery for transcytosis in hepatoma HepG2 cells. <i>Journal of Cell Biology</i> , 2002, 159, 37-44.	5.2	124
46	MARVEL: a conserved domain involved in membrane apposition events. <i>Trends in Biochemical Sciences</i> , 2002, 27, 599-601.	7.5	199
47	MAL Mediates Apical Transport of Secretory Proteins in Polarized Epithelial Madin-Darby Canine Kidney Cells. <i>Journal of Biological Chemistry</i> , 2001, 276, 49337-49342.	3.4	56
48	Thyroglobulin Is Selected as Luminal Protein Cargo for Apical Transport via Detergent-resistant Membranes in Epithelial Cells. <i>Journal of Biological Chemistry</i> , 2000, 275, 41074-41081.	3.4	29
49	The Amino-Terminal Nine Amino Acid Sequence of Poliovirus Capsid VP4 Protein Is Sufficient To Confer N-Myristoylation and Targeting to Detergent-Insoluble Membranes. <i>Biochemistry</i> , 2000, 39, 1083-1090.	2.5	28
50	The MAL Proteolipid Is Necessary for Normal Apical Transport and Accurate Sorting of the Influenza Virus Hemagglutinin in Madin-Darby Canine Kidney Cells. <i>Journal of Cell Biology</i> , 1999, 145, 141-151.	5.2	161
51	The Smoothelin-Like 2, Cortactin and Coronin-1B Network Controls the Apical Actin Cortex During Epithelial Morphogenesis. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0