

# Alejo E Rodríguez-Fraticelli

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

2,743  
citations

471371

17  
h-index

552653

26  
g-index

31  
all docs

31  
docs citations

31  
times ranked

4239  
citing authors

#	ARTICLE	IF	CITATIONS
1	A molecular network for de novo generation of the apical surface and lumen. <i>Nature Cell Biology</i> , 2010, 12, 1035-1045.	4.6	529
2	Lineage tracing on transcriptional landscapes links state to fate during differentiation. <i>Science</i> , 2020, 367, .	6.0	426
3	Clonal analysis of lineage fate in native haematopoiesis. <i>Nature</i> , 2018, 553, 212-216.	13.7	410
4	Cell-Polarity Dynamics Controls the Mechanism of Lumen Formation in Epithelial Morphogenesis. <i>Current Biology</i> , 2008, 18, 507-513.	1.8	190
5	An Engineered CRISPR-Cas9 Mouse Line for Simultaneous Readout of Lineage Histories and Gene Expression Profiles in Single Cells. <i>Cell</i> , 2020, 181, 1410-1422.e27.	13.5	172
6	Single-cell lineage tracing unveils a role for TCF15 in haematopoiesis. <i>Nature</i> , 2020, 583, 585-589.	13.7	150
7	Synaptotagmin-like proteins control the formation of a single apical membrane domain in epithelial cells. <i>Nature Cell Biology</i> , 2012, 14, 838-849.	4.6	124
8	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.	2.3	121
9	Reconstructed Single-Cell Fate Trajectories Define Lineage Plasticity Windows during Differentiation of Human PSC-Derived Distal Lung Progenitors. <i>Cell Stem Cell</i> , 2020, 26, 593-608.e8.	5.2	114
10	Cell confinement controls centrosome positioning and lumen initiation during epithelial morphogenesis. <i>Journal of Cell Biology</i> , 2012, 198, 1011-1023.	2.3	103
11	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.	3.1	81
12	Developmental regulation of apical endocytosis controls epithelial patterning in vertebrate tubular organs. <i>Nature Cell Biology</i> , 2015, 17, 241-250.	4.6	60
13	Divide and polarize: recent advances in the molecular mechanism regulating epithelial tubulogenesis. <i>Current Opinion in Cell Biology</i> , 2011, 23, 638-646.	2.6	37
14	Na <sup>+</sup> /K <sup>+</sup> -ATPase Is a New Interacting Partner for the Neuronal Glycine Transporter GlyT2 That Downregulates Its Expression In Vitro and In Vivo. <i>Journal of Neuroscience</i> , 2013, 33, 14269-14281.	1.7	35
15	Mouse multipotent progenitor 5 cells are located at the interphase between hematopoietic stem and progenitor cells. <i>Blood</i> , 2021, 137, 3218-3224.	0.6	27
16	Chapter 3 Acquisition of Membrane Polarity in Epithelial Tube Formation. <i>International Review of Cell and Molecular Biology</i> , 2009, 274, 129-182.	1.6	19
17	Picking up the threads: extracellular matrix signals in epithelial morphogenesis. <i>Current Opinion in Cell Biology</i> , 2014, 30, 83-90.	2.6	19
18	Mechanical control of epithelial lumen formation. <i>Small GTPases</i> , 2013, 4, 136-140.	0.7	18

#	ARTICLE	IF	CITATIONS
19	Micropattern-based platform as a physiologically relevant model to study epithelial morphogenesis and nephrotoxicity. <i>Biomaterials</i> , 2019, 218, 119339.	5.7	17
20	Systems analysis of hematopoiesis using single-cell lineage tracing. <i>Current Opinion in Hematology</i> , 2021, 28, 18-27.	1.2	12
21	Smoothelin-like 2 Inhibits Coronin-1B to Stabilize the Apical Actin Cortex during Epithelial Morphogenesis. <i>Current Biology</i> , 2021, 31, 696-706.e9.	1.8	7
22	Methods for Analysis of Apical Lumen Trafficking Using Micropatterned 3D Systems. <i>Methods in Cell Biology</i> , 2013, 118, 105-123.	0.5	6
23	Single-cell lineage tracing approaches in hematology research: technical considerations. <i>Experimental Hematology</i> , 2020, 89, 26-36.	0.2	3
24	Cell-Polarity Dynamics Controls the Mechanism of Lumen Formation in Epithelial Morphogenesis. <i>Current Biology</i> , 2008, 18, 1016.	1.8	1
25	KIF16B delivers for transcytosis. <i>EMBO Journal</i> , 2013, 32, 2093-2095.	3.5	1
26	Cell-Polarity Dynamics Controls the Mechanism of Lumen Formation in Epithelial Morphogenesis. <i>Current Biology</i> , 2008, 18, 630.	1.8	0
27	Phosphoinositides Coated Beads Binding Assay. <i>Bio-protocol</i> , 2014, 4, .	0.2	0
28	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