

Enrique Rodriguez-Boulan

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

4,054
citations

236925

25
h-index

330143

37
g-index

40
all docs

40
docs citations

40
times ranked

4576
citing authors

#	ARTICLE	IF	CITATIONS
1	Organization and execution of the epithelial polarity programme. <i>Nature Reviews Molecular Cell Biology</i> , 2014, 15, 225-242.	37.0	609
2	Organization of vesicular trafficking in epithelia. <i>Nature Reviews Molecular Cell Biology</i> , 2005, 6, 233-247.	37.0	570
3	Sec6/8 Complex Is Recruited to Cell-Cell Contacts and Specifies Transport Vesicle Delivery to the Basal-Lateral Membrane in Epithelial Cells. <i>Cell</i> , 1998, 93, 731-740.	28.9	492
4	Polarity of Epithelial and Neuronal Cells. <i>Annual Review of Cell Biology</i> , 1992, 8, 395-427.	26.1	421
5	Integral and peripheral protein composition of the apical and basolateral membrane domains in MDCK cells. <i>Journal of Membrane Biology</i> , 1989, 107, 277-286.	2.1	236
6	Ezrin Promotes Morphogenesis of Apical Microvilli and Basal Infoldings in Retinal Pigment Epithelium. <i>Journal of Cell Biology</i> , 1999, 147, 1533-1548.	5.2	145
7	Preferred apical distribution of glycosyl-phosphatidylinositol (GPI) anchored proteins: A highly conserved feature of the polarized epithelial cell phenotype. <i>Journal of Membrane Biology</i> , 1990, 113, 155-167.	2.1	140
8	Mechanisms regulating tissue-specific polarity of monocarboxylate transporters and their chaperone CD147 in kidney and retinal epithelia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 16245-16250.	7.1	128
9	Protein sorting in the Golgi complex: Shifting paradigms. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2005, 1744, 455-464.	4.1	122
10	Targeting of transmembrane and GPI-anchored forms of N-CAM to opposite domains of a polarized epithelial cell. <i>Nature</i> , 1991, 353, 76-77.	27.8	114
11	Emerging functional roles for the glycosyl-phosphatidylinositol membrane protein anchor. <i>Journal of Membrane Biology</i> , 1990, 117, 1-10.	2.1	107
12	Development of polarity in cerebellar granule neurons. <i>Journal of Neurobiology</i> , 1997, 32, 223-236.	3.6	98
13	Morphogenesis of the Retinal Pigment Epithelium: Toward Understanding Retinal Degenerative Diseases. <i>Annals of the New York Academy of Sciences</i> , 1998, 857, 1-12.	3.8	88
14	Plasma membrane protein polarity and trafficking in RPE cells: Past, present and future. <i>Experimental Eye Research</i> , 2014, 126, 5-15.	2.6	86
15	Slitrk5 Mediates BDNF-Dependent TrkB Receptor Trafficking and Signaling. <i>Developmental Cell</i> , 2015, 33, 690-702.	7.0	81
16	Concerted regulation of retinal pigment epithelium basement membrane and barrier function by angiocrine factors. <i>Nature Communications</i> , 2017, 8, 15374.	12.8	64
17	Single-cell profiling reveals an endothelium-mediated immunomodulatory pathway in the eye choroid. <i>Journal of Experimental Medicine</i> , 2020, 217, .	8.5	55
18	Retinal pigment epithelium polarity in health and blinding diseases. <i>Current Opinion in Cell Biology</i> , 2020, 62, 37-45.	5.4	50

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19	Epithelial trafficking: new routes to familiar places. <i>Current Opinion in Cell Biology</i> , 2004, 16, 436-442.	5.4	47
20	Basolateral Sorting Signals Regulating Tissue-Specific Polarity of Heteromeric Monocarboxylate Transporters in Epithelia. <i>Traffic</i> , 2011, 12, 483-498.	2.7	45
21	Apolipoprotein L-1 renal risk variants form active channels at the plasma membrane driving cytotoxicity. <i>ELife</i> , 2020, 9, .	6.0	45
22	Polarity signals in epithelial cells. <i>Journal of Cell Science</i> , 1993, 1993, 9-12.	2.0	40
23	Retinal pigment epithelial cells promote spatial reorganization and differentiation of retina photoreceptors. <i>Journal of Neuroscience Research</i> , 2008, 86, 3503-3514.	2.9	35
24	Quantitative proteomics of MDCK cells identify unrecognized roles of clathrin adaptor AP-1 in polarized distribution of surface proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 11796-11805.	7.1	35
25	Accurate measurement of fast endocytic recycling kinetics in real time. <i>Journal of Cell Science</i> , 2020, 133, .	2.0	33
26	Lipofuscin causes atypical necroptosis through lysosomal membrane permeabilization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	30
27	An emerging role for IQGAP1 in tight junction control. <i>Small GTPases</i> , 2018, 9, 375-383.	1.6	22
28	Clathrin and clathrin adaptor AP-1 control apical trafficking of megalin in the biosynthetic and recycling routes. <i>Molecular Biology of the Cell</i> , 2019, 30, 1716-1728.	2.1	21
29	IQGAP1 Controls Tight Junction Formation Through Differential Regulation of Claudin Recruitment. <i>Journal of Cell Science</i> , 2015, 128, 853-62.	2.0	18
30	Chapter 6 Protein Sorting in the Secretory Pathway. <i>Current Topics in Membranes and Transport</i> , 1985, 24, 251-294.	0.6	17
31	Copper(II) import and reduction are dependent on His-Met clusters in the extracellular amino terminus of human copper transporter-1. <i>Journal of Biological Chemistry</i> , 2022, 298, 101631.	3.4	14
32	Response: The "Tail" of the Twin Adaptors. <i>Developmental Cell</i> , 2013, 27, 247-248.	7.0	13
33	Basolateral sorting of chloride channel 2 is mediated by interactions between a dileucine motif and the clathrin adaptor AP-1. <i>Molecular Biology of the Cell</i> , 2015, 26, 1728-1742.	2.1	13
34	Apical CLCA2 in retinal pigment epithelium is crucial for survival of the outer retina. <i>FASEB Journal</i> , 2021, 35, e21689.	0.5	6
35	Structural and functional analysis of endosomal compartments in epithelial cells. <i>Methods in Cell Biology</i> , 2015, 130, 271-288.	1.1	5
36	Protein Kinase C Delta Is Necessary for the secretion of Collagen Type I from Vascular Smooth Muscle Cells. <i>FASEB Journal</i> , 2008, 22, 609-609.	0.5	2

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37	Development of polarity in cerebellar granule neurons. , 1997, 32, 223.		1
38	Cell-Cell and Cell-Extracellular Matrix Communication Pathways Identified in the Polarized Surface Proteome of Retinal Pigment Epithelial Cells. FASEB Journal, 2020, 34, 1-1.	0.5	1