

Keith E Mostov

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

156
papers

15,205
citations

67
h-index

122
g-index

211
ext. papers

16,735
ext. citations

12.2
avg, IF

6.39
L-index

#	Paper	IF	Citations
156	Ciliary Hedgehog signaling patterns the digestive system to generate mechanical forces driving elongation. <i>Nature Communications</i> , 2021 , 12, 7186	17.4	2
155	Intussusceptive Angiogenesis in Human Metastatic Malignant Melanoma. <i>American Journal of Pathology</i> , 2021 , 191, 2023-2038	5.8	1
154	A Qualitative Change in the Transcriptome Occurs after the First Cell Cycle and Coincides with Lumen Establishment during MDCKII Cystogenesis. <i>iScience</i> , 2020 , 23, 101629	6.1	3
153	Guidelines and definitions for research on epithelial-mesenchymal transition. <i>Nature Reviews Molecular Cell Biology</i> , 2020 , 21, 341-352	48.7	469
152	Simple Rules Determine Distinct Patterns of Branching Morphogenesis. <i>Cell Systems</i> , 2019 , 9, 221-227	10.6	2
151	The phospholipid PI(3,4)P is an apical identity determinant. <i>Nature Communications</i> , 2018 , 9, 5041	17.4	34
150	Fibroblast-derived HGF drives acinar lung cancer cell polarization through integrin-dependent RhoA-ROCK1 inhibition. <i>Cellular Signalling</i> , 2017 , 40, 91-98	4.9	9
149	Afadin orients cell division to position the tubule lumen in developing renal tubules. <i>Development (Cambridge)</i> , 2017 , 144, 3511-3520	6.6	19
148	Par3 integrates Tiam1 and phosphatidylinositol 3-kinase signaling to change apical membrane identity. <i>Molecular Biology of the Cell</i> , 2017 , 28, 252-260	3.5	8
147	Adaptor Protein CD2AP and L-type Lectin LMAN2 Regulate Exosome Cargo Protein Trafficking through the Golgi Complex. <i>Journal of Biological Chemistry</i> , 2016 , 291, 25462-25475	5.4	23
146	cAMP-dependent protein kinase A (PKA) regulates angiogenesis by modulating tip cell behavior in a Notch-independent manner. <i>Development (Cambridge)</i> , 2016 , 143, 3582-3590	6.6	20
145	p114RhoGEF governs cell motility and lumen formation during tubulogenesis through a ROCK-myosin-II pathway. <i>Journal of Cell Science</i> , 2015 , 128, 4317-27	5.3	15
144	Phosphoinositide 3-kinase p110 β promotes lumen formation through the enhancement of apico-basal polarity and basal membrane organization. <i>Nature Communications</i> , 2015 , 6, 5937	17.4	27
143	Rapid functional assay to elucidate the oncogenic activity of unknown mutations (variants of unknown significance).. <i>Journal of Clinical Oncology</i> , 2015 , 33, e22125-e22125	2.2	
142	Identification of the functional significance of mutations using the novel Precision Cancer Analysis System.. <i>Journal of Clinical Oncology</i> , 2015 , 33, e22123-e22123	2.2	
141	Intercellular transfer of GPRC5B via exosomes drives HGF-mediated outward growth. <i>Current Biology</i> , 2014 , 24, 199-204	6.3	30
140	Parasympathetic innervation regulates tubulogenesis in the developing salivary gland. <i>Developmental Cell</i> , 2014 , 30, 449-62	10.2	89

139	A molecular switch for the orientation of epithelial cell polarization. <i>Developmental Cell</i> , 2014 , 31, 171-87	10.2	124
138	Host cell polarity proteins participate in innate immunity to <i>Pseudomonas aeruginosa</i> infection. <i>Cell Host and Microbe</i> , 2014 , 15, 636-43	23.4	30
137	Polarity in mammalian epithelial morphogenesis. <i>Cold Spring Harbor Perspectives in Biology</i> , 2013 , 5,	10.2	94
136	Polarity, cell division, and out-of-equilibrium dynamics control the growth of epithelial structures. <i>Journal of Cell Biology</i> , 2013 , 203, 359-72	7.3	36
135	Apical targeting of the formin Diaphanous in <i>Drosophila</i> tubular epithelia. <i>ELife</i> , 2013 , 2, e00666	8.9	46
134	Polarity, cell division, and out-of-equilibrium dynamics control the growth of epithelial structures. <i>Journal of General Physiology</i> , 2013 , 142, 1425OIA43	3.4	
133	Regulation of intrahepatic biliary duct morphogenesis by Claudin 15-like b. <i>Developmental Biology</i> , 2012 , 361, 68-78	3.1	39
132	Synaptotagmin-like proteins control the formation of a single apical membrane domain in epithelial cells. <i>Nature Cell Biology</i> , 2012 , 14, 838-49	23.4	98
131	Scrib regulates HGF-mediated epithelial morphogenesis and is stabilized by Sgt1-HSP90. <i>Journal of Cell Science</i> , 2012 , 125, 4147-57	5.3	15
130	Grainyhead-like 2 regulates epithelial morphogenesis by establishing functional tight junctions through the organization of a molecular network among claudin3, claudin4, and Rab25. <i>Molecular Biology of the Cell</i> , 2012 , 23, 2845-55	3.5	69
129	Cyclic AMP regulates formation of mammary epithelial acini in vitro. <i>Molecular Biology of the Cell</i> , 2012 , 23, 2973-81	3.5	16
128	Cell height: Tao rising. <i>Journal of Cell Biology</i> , 2012 , 199, 1023-4	7.3	3
127	cAMP regulates polarization and apoptosis during mammary epithelial acini formation in vitro. <i>FASEB Journal</i> , 2012 , 26, 1152.15	0.9	
126	Scrib regulates HGF-mediated epithelial morphogenesis and is stabilized by Sgt1-HSP90. <i>Development (Cambridge)</i> , 2012 , 139, e1808-e1808	6.6	
125	Scrib regulates HGF-mediated epithelial morphogenesis and is stabilized by Sgt1-HSP90. <i>Development (Cambridge)</i> , 2012 , 139, e1-e1	6.6	
124	<i>Pseudomonas aeruginosa</i> interacts with epithelial cells rapidly forming aggregates that are internalized by a Lyn-dependent mechanism. <i>Cellular Microbiology</i> , 2011 , 13, 1212-22	3.9	24
123	Molecular regulation of lumen morphogenesis. <i>Current Biology</i> , 2011 , 21, R126-36	6.3	173
122	Transcriptional profiling identifies TNS4 function in epithelial tubulogenesis. <i>Current Biology</i> , 2011 , 21, 161-6	6.3	20

121	p120 catenin is required for normal renal tubulogenesis and glomerulogenesis. <i>Development (Cambridge)</i> , 2011 , 138, 2099-109	6.6	44
120	Reduced immunoglobulin A transcytosis associated with immunoglobulin A nephropathy and nasopharyngeal carcinoma. <i>Journal of Biological Chemistry</i> , 2011 , 286, 44921-5	5.4	5
119	Rab GTPase-Myo5B complexes control membrane recycling and epithelial polarization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 2789-94	11.5	138
118	Phosphoinositides in cell architecture. <i>Cold Spring Harbor Perspectives in Biology</i> , 2011 , 3, a004796	10.2	134
117	MDCK cystogenesis driven by cell stabilization within computational analogues. <i>PLoS Computational Biology</i> , 2011 , 7, e1002030	5	24
116	Laying the foundation for epithelia: insights into polarized basement membrane deposition. <i>EMBO Reports</i> , 2010 , 11, 329-30	6.5	5
115	A molecular network for de novo generation of the apical surface and lumen. <i>Nature Cell Biology</i> , 2010 , 12, 1035-45	23.4	439
114	A kinase cascade leading to Rab11-FIP5 controls transcytosis of the polymeric immunoglobulin receptor. <i>Nature Cell Biology</i> , 2010 , 12, 1143-53	23.4	67
113	The Cdc42 GEF Intersectin 2 controls mitotic spindle orientation to form the lumen during epithelial morphogenesis. <i>Journal of Cell Biology</i> , 2010 , 189, 725-38	7.3	105
112	Simulation of lung alveolar epithelial wound healing in vitro. <i>Journal of the Royal Society Interface</i> , 2010 , 7, 1157-70	4.1	8
111	STAT1 is required for redifferentiation during Madin-Darby canine kidney tubulogenesis. <i>Molecular Biology of the Cell</i> , 2010 , 21, 3926-33	3.5	13
110	<i>Pseudomonas aeruginosa</i> -mediated damage requires distinct receptors at the apical and basolateral surfaces of the polarized epithelium. <i>Infection and Immunity</i> , 2010 , 78, 939-53	3.7	49
109	Cse1l is a negative regulator of CFTR-dependent fluid secretion. <i>Current Biology</i> , 2010 , 20, 1840-5	6.3	42
108	A computational approach to understand in vitro alveolar morphogenesis. <i>PLoS ONE</i> , 2009 , 4, e4819	3.7	14
107	Nectin proteins are expressed at early stages of nephrogenesis and play a role in renal epithelial cell morphogenesis. <i>American Journal of Physiology - Renal Physiology</i> , 2009 , 296, F564-74	4.3	12
106	Liver progenitor cells fold up a cell monolayer into a double-layered structure during tubular morphogenesis. <i>Molecular Biology of the Cell</i> , 2009 , 20, 2486-94	3.5	32
105	Computational investigation of epithelial cell dynamic phenotype in vitro. <i>Theoretical Biology and Medical Modelling</i> , 2009 , 6, 8	2.3	14
104	Identification of a cytoplasmic signal for apical transcytosis. <i>Traffic</i> , 2009 , 10, 1128-42	5.7	25

103	Polarity is destiny. <i>Cell</i> , 2009 , 139, 660-2	56.2	3
102	A computational approach to resolve cell level contributions to early glandular epithelial cancer progression. <i>BMC Systems Biology</i> , 2009 , 3, 122	3.5	23
101	Involvement of RhoA, ROCK I and myosin II in inverted orientation of epithelial polarity. <i>EMBO Reports</i> , 2008 , 9, 923-9	6.5	95
100	From cells to organs: building polarized tissue. <i>Nature Reviews Molecular Cell Biology</i> , 2008 , 9, 887-901	48.7	598
99	Regulation of cell polarity during epithelial morphogenesis. <i>Current Opinion in Cell Biology</i> , 2008 , 20, 227-34	9	202
98	Cell-polarity dynamics controls the mechanism of lumen formation in epithelial morphogenesis. <i>Current Biology</i> , 2008 , 18, 507-13	6.3	164
97	Focal adhesion components are essential for mammalian cell cytokinesis. <i>Cell Cycle</i> , 2008 , 7, 2868-76	4.7	22
96	In silico simulation of epithelial cell tubulogenesis. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2008 , 2008, 1036-9	0.9	1
95	Formation of Multicellular Epithelial Structures. <i>Novartis Foundation Symposium</i> , 2008 , 193-205		3
94	Genetic control of single lumen formation in the zebrafish gut. <i>Nature Cell Biology</i> , 2007 , 9, 954-60	23.4	194
93	Phosphoinositide 3-kinase regulates the role of retromer in transcytosis of the polymeric immunoglobulin receptor. <i>Experimental Cell Research</i> , 2007 , 313, 707-18	4.2	33
92	Disruption of apical-basal polarity of human embryonic stem cells enhances hematoendothelial differentiation. <i>Stem Cells</i> , 2007 , 25, 2215-23	5.8	50
91	EGF induces macropinocytosis and SNX1-modulated recycling of E-cadherin. <i>Journal of Cell Science</i> , 2007 , 120, 1818-28	5.3	135
90	Liver progenitor cells develop cholangiocyte-type epithelial polarity in three-dimensional culture. <i>Molecular Biology of the Cell</i> , 2007 , 18, 1472-9	3.5	138
89	Rac1 is required for reorientation of polarity and lumen formation through a PI 3-kinase-dependent pathway. <i>American Journal of Physiology - Renal Physiology</i> , 2007 , 293, F1633-40	4.3	34
88	Phosphoinositides control epithelial development. <i>Cell Cycle</i> , 2007 , 6, 1957-61	4.7	52
87	Slug is required for cell survival during partial epithelial-mesenchymal transition of HGF-induced tubulogenesis. <i>Molecular Biology of the Cell</i> , 2007 , 18, 1943-52	3.5	120
86	<i>Pseudomonas aeruginosa</i> exploits a PIP3-dependent pathway to transform apical into basolateral membrane. <i>Journal of Cell Biology</i> , 2007 , 177, 21-7	7.3	82

85	Formation of cysts by alveolar type II cells in three-dimensional culture reveals a novel mechanism for epithelial morphogenesis. <i>Molecular Biology of the Cell</i> , 2007 , 18, 1693-700	3.5	77
84	PTEN-mediated apical segregation of phosphoinositides controls epithelial morphogenesis through Cdc42. <i>Cell</i> , 2007 , 128, 383-97	56.2	574
83	Catch the KIF5B train to the apical surface. <i>Developmental Cell</i> , 2007 , 13, 457-8	10.2	4
82	Polarity proteins PAR6 and aPKC regulate cell death through GSK-3beta in 3D epithelial morphogenesis. <i>Journal of Cell Science</i> , 2007 , 120, 2309-17	5.3	62
81	A dual PI3 kinase/mTOR inhibitor reveals emergent efficacy in glioma. <i>Cancer Cell</i> , 2006 , 9, 341-9	24.3	532
80	Simulating properties of in vitro epithelial cell morphogenesis. <i>PLoS Computational Biology</i> , 2006 , 2, e129		48
79	Vesicle transport, cilium formation, and membrane specialization: the origins of a sensory organelle. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 18383-4	11.5	24
78	mTOR is out of control in polycystic kidney disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 5247-8	11.5	24
77	Morphological and biochemical analysis of Rac1 in three-dimensional epithelial cell cultures. <i>Methods in Enzymology</i> , 2006 , 406, 676-91	1.7	47
76	Phosphatidylinositol-3,4,5-trisphosphate regulates the formation of the basolateral plasma membrane in epithelial cells. <i>Nature Cell Biology</i> , 2006 , 8, 963-70	23.4	233
75	An in vitro model of intussusceptive angiogenesis. <i>FASEB Journal</i> , 2006 , 20, A31	0.9	
74	Immunoglobulin Transport and the Polymeric Immunoglobulin Receptor 2005 , 211-250		30
73	Beta1-integrin orients epithelial polarity via Rac1 and laminin. <i>Molecular Biology of the Cell</i> , 2005 , 16, 433-45	3.5	264
72	The role of syntaxins in the specificity of vesicle targeting in polarized epithelial cells. <i>Molecular Biology of the Cell</i> , 2005 , 16, 5784-92	3.5	52
71	Formation of multicellular epithelial structures. <i>Novartis Foundation Symposium</i> , 2005 , 269, 193-200; discussion 200-5, 223-30		7
70	Long-term culture of hepatic progenitors derived from mouse Dlk+ hepatoblasts. <i>Journal of Cell Science</i> , 2004 , 117, 6425-34	5.3	74
69	Epithelial cell polarity alters Rho-GTPase responses to <i>Pseudomonas aeruginosa</i> . <i>Molecular Biology of the Cell</i> , 2004 , 15, 411-9	3.5	39
68	The mammalian retromer regulates transcytosis of the polymeric immunoglobulin receptor. <i>Nature Cell Biology</i> , 2004 , 6, 763-9	23.4	124

67	Caspase induction by IgA antimitochondrial antibody: IgA-mediated biliary injury in primary biliary cirrhosis. <i>Hepatology</i> , 2004 , 39, 1415-22	11.2	80
66	Hepatocyte growth factor induces MDCK cell morphogenesis without causing loss of tight junction functional integrity. <i>American Journal of Physiology - Cell Physiology</i> , 2004 , 286, C482-94	5.4	29
65	ERK and MMPs sequentially regulate distinct stages of epithelial tubule development. <i>Developmental Cell</i> , 2004 , 7, 21-32	10.2	133
64	Role of rab proteins in epithelial membrane traffic. <i>International Review of Cytology</i> , 2003 , 232, 59-88		23
63	Pak1 and PIX regulate contact inhibition during epithelial wound healing. <i>EMBO Journal</i> , 2003 , 22, 4155-65	6.5	62
62	Epithelial polarity and tubulogenesis in vitro. <i>Trends in Cell Biology</i> , 2003 , 13, 169-76	18.3	211
61	Polarized epithelial membrane traffic: conservation and plasticity. <i>Nature Cell Biology</i> , 2003 , 5, 287-93	23.4	255
60	Hepatocyte growth factor switches orientation of polarity and mode of movement during morphogenesis of multicellular epithelial structures. <i>Molecular Biology of the Cell</i> , 2003 , 14, 748-63	3.5	85
59	The exocyst affects protein synthesis by acting on the translocation machinery of the endoplasmic reticulum. <i>Journal of Biological Chemistry</i> , 2003 , 278, 20954-60	5.4	75
58	Exocytosis: the many masters of the exocyst. <i>Current Biology</i> , 2002 , 12, R212-4	6.3	187
57	Opinion: Building epithelial architecture: insights from three-dimensional culture models. <i>Nature Reviews Molecular Cell Biology</i> , 2002 , 3, 531-7	48.7	488
56	Direct interaction between Rab3b and the polymeric immunoglobulin receptor controls ligand-stimulated transcytosis in epithelial cells. <i>Developmental Cell</i> , 2002 , 2, 219-28	10.2	80
55	Rac1 orientates epithelial apical polarity through effects on basolateral laminin assembly. <i>Nature Cell Biology</i> , 2001 , 3, 831-8	23.4	377
54	Signal transduction. A new thread in an intricate web. <i>Science</i> , 2001 , 294, 1845-7	33.3	13
53	Analysis of membrane traffic in polarized epithelial cells. <i>Current Protocols in Cell Biology</i> , 2001 , Chapter 15, 15.5.1-15.5.18	2.3	18
52	Localization of GFP-tagged concentrative nucleoside transporters in a renal polarized epithelial cell line. <i>American Journal of Physiology - Renal Physiology</i> , 2001 , 280, F879-85	4.3	42
51	Host cell-derived sphingolipids are required for the intracellular growth of Chlamydia trachomatis. <i>Cellular Microbiology</i> , 2000 , 2, 627-37	3.9	97
50	Definition of distinct compartments in polarized Madin-Darby canine kidney (MDCK) cells for membrane-volume sorting, polarized sorting and apical recycling. <i>Traffic</i> , 2000 , 1, 124-40	5.7	138

49	Apical and basolateral endocytic pathways of MDCK cells meet in acidic common endosomes distinct from a nearly-neutral apical recycling endosome. <i>Traffic</i> , 2000 , 1, 480-93	5.7	118
48	Membrane traffic in polarized epithelial cells. <i>Current Opinion in Cell Biology</i> , 2000 , 12, 483-90	9	339
47	Induced expression of Rnd3 is associated with transformation of polarized epithelial cells by the Raf-MEK-extracellular signal-regulated kinase pathway. <i>Molecular and Cellular Biology</i> , 2000 , 20, 9364-75	4.8	89
46	Caveolin-1 inhibits epidermal growth factor-stimulated lamellipod extension and cell migration in metastatic mammary adenocarcinoma cells (MTLn3). Transformation suppressor effects of adenovirus-mediated gene delivery of caveolin-1. <i>Journal of Biological Chemistry</i> , 2000 , 275, 20717-25	5.4	98
45	Intracellular redirection of plasma membrane trafficking after loss of epithelial cell polarity. <i>Molecular Biology of the Cell</i> , 2000 , 11, 3045-60	3.5	49
44	Exocyst is involved in cystogenesis and tubulogenesis and acts by modulating synthesis and delivery of basolateral plasma membrane and secretory proteins. <i>Molecular Biology of the Cell</i> , 2000 , 11, 4259-75	3.5	128
43	Protease-activated receptor-1 down-regulation: a mutant HeLa cell line suggests novel requirements for PAR1 phosphorylation and recruitment to clathrin-coated pits. <i>Journal of Biological Chemistry</i> , 2000 , 275, 31255-65	5.4	66
42	The polymeric immunoglobulin receptor translocates pneumococci across human nasopharyngeal epithelial cells. <i>Cell</i> , 2000 , 102, 827-37	56.2	332
41	Connecting apical endocytosis to the intracellular traffic infrastructure in polarized hepatocytes. <i>Gastroenterology</i> , 2000 , 119, 1791-4	13.3	7
40	Transduction of basolateral-to-apical signals across epithelial cells: ligand-stimulated transcytosis of the polymeric immunoglobulin receptor requires two signals. <i>Molecular Biology of the Cell</i> , 1999 , 10, 1409-27	3.5	48
39	The SRC family protein tyrosine kinase p62yes controls polymeric IgA transcytosis in vivo. <i>Molecular Cell</i> , 1999 , 4, 627-32	17.6	81
38	Catch the mu1B train to the basolateral surface. <i>Cell</i> , 1999 , 99, 121-2	56.2	20
37	Pili binding to asialo-GM1 on epithelial cells can mediate cytotoxicity or bacterial internalization by <i>Pseudomonas aeruginosa</i> . <i>Infection and Immunity</i> , 1999 , 67, 3207-14	3.7	100
36	A model for structural similarity between different SNARE complexes based on sequence relationships. <i>Trends in Cell Biology</i> , 1998 , 8, 260-2	18.3	113
35	Morphogenetic mechanisms of epithelial tubulogenesis: MDCK cell polarity is transiently rearranged without loss of cell-cell contact during scatter factor/hepatocyte growth factor-induced tubulogenesis. <i>Developmental Biology</i> , 1998 , 204, 64-79	3.1	193
34	Penetration and co-localization in MDCK cell mitochondria of IgA derived from patients with primary biliary cirrhosis. <i>Journal of Autoimmunity</i> , 1998 , 11, 573-80	15.5	60
33	The SNARE machinery is involved in apical plasma membrane trafficking in MDCK cells. <i>Journal of Cell Biology</i> , 1998 , 141, 1503-13	7.3	159
32	Targeting of SNAP-23 and SNAP-25 in polarized epithelial cells. <i>Journal of Biological Chemistry</i> , 1998 , 273, 3422-30	5.4	91

31	Role of tyrosine phosphorylation in ligand-induced regulation of transcytosis of the polymeric Ig receptor. <i>Molecular Biology of the Cell</i> , 1998 , 9, 1787-802	3.5	45
30	Dimerization of the polymeric immunoglobulin receptor controls its transcytotic trafficking. <i>Molecular Biology of the Cell</i> , 1998 , 9, 901-15	3.5	46
29	Redundant and distinct functions for dynamin-1 and dynamin-2 isoforms. <i>Journal of Cell Biology</i> , 1998 , 143, 1871-81	7.3	187
28	Defects in type III secretion correlate with internalization of <i>Pseudomonas aeruginosa</i> by epithelial cells. <i>Infection and Immunity</i> , 1998 , 66, 1413-20	3.7	87
27	Susceptibility of epithelial cells to <i>Pseudomonas aeruginosa</i> invasion and cytotoxicity is upregulated by hepatocyte growth factor. <i>Infection and Immunity</i> , 1998 , 66, 3443-6	3.7	31
26	Hepatocyte growth factor alters the polarity of Madin-Darby canine kidney cell monolayers. <i>Journal of Biological Chemistry</i> , 1997 , 272, 3471-7	5.4	63
25	NH2-terminal deletion of beta-catenin results in stable colocalization of mutant beta-catenin with adenomatous polyposis coli protein and altered MDCK cell adhesion. <i>Journal of Cell Biology</i> , 1997 , 136, 693-706	7.3	204
24	Dynamics of beta-catenin interactions with APC protein regulate epithelial tubulogenesis. <i>Journal of Cell Biology</i> , 1997 , 137, 1651-62	7.3	117
23	Apical targeting in polarized epithelial cells: There's more afloat than rafts. <i>Trends in Cell Biology</i> , 1997 , 7, 393-9	18.3	101
22	Identification of <i>Pseudomonas aeruginosa</i> genes required for epithelial cell injury. <i>Molecular Microbiology</i> , 1997 , 24, 1249-62	4.1	114
21	Calmodulin binds to the basolateral targeting signal of the polymeric immunoglobulin receptor. <i>Journal of Biological Chemistry</i> , 1996 , 271, 1336-42	5.4	36
20	Wortmannin inhibits transcytosis of dimeric IgA by the polymeric immunoglobulin receptor. <i>FEBS Letters</i> , 1995 , 376, 74-6	3.8	31
19	Regulation of protein traffic in polarized epithelial cells. <i>BioEssays</i> , 1995 , 17, 129-38	4.1	119
18	Transepithelial transport of immunoglobulins. <i>Annual Review of Immunology</i> , 1994 , 12, 63-84	34.7	399
17	Both the Gs alpha and beta gamma subunits of the heterotrimeric G protein, Gs, control the sorting of the polymeric immunoglobulin receptor into transcytotic vesicles. <i>Biochemical Society Transactions</i> , 1994 , 22, 463-8	5.1	1
16	Protein traffic in polarized epithelial cells: the polymeric immunoglobulin receptor as a model system. <i>Journal of Cell Science</i> , 1993 , 17, 21-6	5.3	14
15	Polymeric immunoglobulin receptor. <i>International Review of Cytology</i> , 1992 , 137B, 157-68		10
14	Sorting of plasma membrane proteins in epithelial cells. <i>Current Opinion in Cell Biology</i> , 1991 , 3, 647-53	9	30

13	An autonomous signal for basolateral sorting in the cytoplasmic domain of the polymeric immunoglobulin receptor. <i>Cell</i> , 1991 , 66, 65-75	56.2	281
12	Transepithelial transport of immunoglobulins: a model of protein sorting and transcytosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1989 , 1, 257-62	5.7	12
11	Expression and analysis of the polymeric immunoglobulin receptor in Madin-Darby canine kidney cells using retroviral vectors. <i>Methods in Cell Biology</i> , 1989 , 32, 329-37	1.8	72
10	An Fc receptor structurally related to MHC class I antigens. <i>Nature</i> , 1989 , 337, 184-7	50.4	616
9	Polymeric immunoglobulin receptor expressed in MDCK cells transcytoses IgA. <i>Cell</i> , 1986 , 46, 613-21	56.2	276
8	Deletion of the cytoplasmic domain of the polymeric immunoglobulin receptor prevents basolateral localization and endocytosis. <i>Cell</i> , 1986 , 47, 359-64	56.2	193
7	Transcytosis. <i>Cell</i> , 1985 , 43, 389-90	56.2	160
6	The receptor for transepithelial transport of IgA and IgM contains multiple immunoglobulin-like domains. <i>Nature</i> , 1984 , 308, 37-43	50.4	475
5	Transcellular transport of polymeric immunoglobulin by secretory component: a model system for studying intracellular protein sorting. <i>Annals of the New York Academy of Sciences</i> , 1983 , 409, 441-51	6.5	14
4	Biosynthesis, processing, and function of secretory component. <i>Methods in Enzymology</i> , 1983 , 98, 458-66.7		17
3	Co-translational membrane integration of calcium pump protein without signal sequence cleavage. <i>Nature</i> , 1981 , 292, 87-8	50.4	63
2	Ciliary signaling-patterned smooth muscle drives tubular elongation		2
1	Fibroblast-derived HGF drives acinar lung cancer cell polarization through integrin-dependent RhoA-ROCK1 inhibition		1