

Keith E Mostov

List of Publications by Year in descending order

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166
papers

17,962
citations

12322

69
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13365

130
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211
all docs

211
docs citations

211
times ranked

15551
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines and definitions for research on epithelial-mesenchymal transition. <i>Nature Reviews Molecular Cell Biology</i> , 2020, 21, 341-352.	16.1	1,195
2	From cells to organs: building polarized tissue. <i>Nature Reviews Molecular Cell Biology</i> , 2008, 9, 887-901.	16.1	695
3	An Fc receptor structurally related to MHC class I antigens. <i>Nature</i> , 1989, 337, 184-187.	13.7	683
4	PTEN-Mediated Apical Segregation of Phosphoinositides Controls Epithelial Morphogenesis through Cdc42. <i>Cell</i> , 2007, 128, 383-397.	13.5	653
5	A dual PI3 kinase/mTOR inhibitor reveals emergent efficacy in glioma. <i>Cancer Cell</i> , 2006, 9, 341-349.	7.7	575
6	Building epithelial architecture: insights from three-dimensional culture models. <i>Nature Reviews Molecular Cell Biology</i> , 2002, 3, 531-537.	16.1	554
7	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
8	The receptor for transepithelial transport of IgA and IgM contains multiple immunoglobulin-like domains. <i>Nature</i> , 1984, 308, 37-43.	13.7	518
9	Transepithelial Transport of Immunoglobulins. <i>Annual Review of Immunology</i> , 1994, 12, 63-84.	9.5	434
10	Rac1 orientates epithelial apical polarity through effects on basolateral laminin assembly. <i>Nature Cell Biology</i> , 2001, 3, 831-838.	4.6	416
11	The Polymeric Immunoglobulin Receptor Translocates Pneumococci across Human Nasopharyngeal Epithelial Cells. <i>Cell</i> , 2000, 102, 827-837.	13.5	365
12	Membrane traffic in polarized epithelial cells. <i>Current Opinion in Cell Biology</i> , 2000, 12, 483-490.	2.6	357
13	β 21-Integrin Orients Epithelial Polarity via Rac1 and Laminin. <i>Molecular Biology of the Cell</i> , 2005, 16, 433-445.	0.9	317
14	Polymeric immunoglobulin receptor expressed in MDCK cells transcytoses IgA. <i>Cell</i> , 1986, 46, 613-621.	13.5	310
15	An autonomous signal for basolateral sorting in the cytoplasmic domain of the polymeric immunoglobulin receptor. <i>Cell</i> , 1991, 66, 65-75.	13.5	303
16	Polarized epithelial membrane traffic: conservation and plasticity. <i>Nature Cell Biology</i> , 2003, 5, 287-293.	4.6	290
17	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.	4.6	267
18	Regulation of cell polarity during epithelial morphogenesis. <i>Current Opinion in Cell Biology</i> , 2008, 20, 227-234.	2.6	236

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19	Epithelial polarity and tubulogenesis in vitro. <i>Trends in Cell Biology</i> , 2003, 13, 169-176.	3.6	230
20	Genetic control of single lumen formation in the zebrafish gut. <i>Nature Cell Biology</i> , 2007, 9, 954-960.	4.6	227
21	NH2-terminal Deletion of β -Catenin Results in Stable Colocalization of Mutant β -Catenin with Adenomatous Polyposis Coli Protein and Altered MDCK Cell Adhesion. <i>Journal of Cell Biology</i> , 1997, 136, 693-706.	2.3	213
22	Deletion of the cytoplasmic domain of the polymeric immunoglobulin receptor prevents basolateral localization and endocytosis. <i>Cell</i> , 1986, 47, 359-364.	13.5	212
23	Molecular Regulation of Lumen Morphogenesis. <i>Current Biology</i> , 2011, 21, R126-R136.	1.8	211
24	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.	0.9	204
25	Exocytosis: The Many Masters of the Exocyst. <i>Current Biology</i> , 2002, 12, R212-R214.	1.8	204
26	Redundant and Distinct Functions for Dynamin-1 and Dynamin-2 Isoforms. <i>Journal of Cell Biology</i> , 1998, 143, 1871-1881.	2.3	197
27	Cell-Polarity Dynamics Controls the Mechanism of Lumen Formation in Epithelial Morphogenesis. <i>Current Biology</i> , 2008, 18, 507-513.	1.8	190
28	A Molecular Switch for the Orientation of Epithelial Cell Polarization. <i>Developmental Cell</i> , 2014, 31, 171-187.	3.1	175
29	EGF induces macropinocytosis and SNX1-modulated recycling of E-cadherin. <i>Journal of Cell Science</i> , 2007, 120, 1818-1828.	1.2	174
30	The SNARE Machinery Is Involved in Apical Plasma Membrane Trafficking in MDCK Cells. <i>Journal of Cell Biology</i> , 1998, 141, 1503-1513.	2.3	169
31	Transcytosis. <i>Cell</i> , 1985, 43, 389-390.	13.5	168
32	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, 2789-2794.	3.3	168
33	Phosphoinositides in Cell Architecture. <i>Cold Spring Harbor Perspectives in Biology</i> , 2011, 3, a004796-a004796.	2.3	158
34	Liver Progenitor Cells Develop Cholangiocyte-Type Epithelial Polarity in Three-dimensional Culture. <i>Molecular Biology of the Cell</i> , 2007, 18, 1472-1479.	0.9	152
35	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, 124-140.	1.3	149
36	A model for structural similarity between different SNARE complexes based on sequence relationships. <i>Trends in Cell Biology</i> , 1998, 8, 260-262.	3.6	142

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37	ERK and MMPs Sequentially Regulate Distinct Stages of Epithelial Tubule Development. <i>Developmental Cell</i> , 2004, 7, 21-32.	3.1	142
38	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, 4259-4275.	0.9	138
39	Slug Is Required for Cell Survival during Partial Epithelial-Mesenchymal Transition of HGF-induced Tubulogenesis. <i>Molecular Biology of the Cell</i> , 2007, 18, 1943-1952.	0.9	135
40	The mammalian retromer regulates transcytosis of the polymeric immunoglobulin receptor. <i>Nature Cell Biology</i> , 2004, 6, 763-769.	4.6	134
41	Regulation of protein traffic in polarized epithelial cells. <i>BioEssays</i> , 1995, 17, 129-138.	1.2	132
42	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, 3207-3214.	1.0	130
43	Dynamics of β -Catenin Interactions with APC Protein Regulate Epithelial Tubulogenesis. <i>Journal of Cell Biology</i> , 1997, 137, 1651-1662.	2.3	125
44	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, 480-493.	1.3	125
45	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
46	Parasympathetic Innervation Regulates Tubulogenesis in the Developing Salivary Gland. <i>Developmental Cell</i> , 2014, 30, 449-462.	3.1	124
47	Identification of <i>Pseudomonas aeruginosa</i> genes required for epithelial cell injury. <i>Molecular Microbiology</i> , 1997, 24, 1249-1262.	1.2	123
48	Polarity in Mammalian Epithelial Morphogenesis. <i>Cold Spring Harbor Perspectives in Biology</i> , 2013, 5, a013789-a013789.	2.3	123
49	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
50	Apical targeting in polarized epithelial cells: There's more afloat than rafts. <i>Trends in Cell Biology</i> , 1997, 7, 393-399.	3.6	117
51	Caveolin-1 Inhibits Epidermal Growth Factor-stimulated Lamellipod Extension and Cell Migration in Metastatic Mammary Adenocarcinoma Cells (MTLn3). <i>Journal of Biological Chemistry</i> , 2000, 275, 20717-20725.	1.6	109
52	Host cell-derived sphingolipids are required for the intracellular growth of <i>Chlamydia trachomatis</i> . <i>Cellular Microbiology</i> , 2000, 2, 627-637.	1.1	107
53	Involvement of RhoA, ROCK I and myosin II in inverted orientation of epithelial polarity. <i>EMBO Reports</i> , 2008, 9, 923-929.	2.0	106
54	Targeting of SNAP-23 and SNAP-25 in Polarized Epithelial Cells. <i>Journal of Biological Chemistry</i> , 1998, 273, 3422-3430.	1.6	98

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55	Defects in Type III Secretion Correlate with Internalization of <i>Pseudomonas aeruginosa</i> by Epithelial Cells. <i>Infection and Immunity</i> , 1998, 66, 1413-1420.	1.0	96
56	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, 9364-9375.	1.1	96
57	<i>Pseudomonas aeruginosa</i> exploits a PIP3-dependent pathway to transform apical into basolateral membrane. <i>Journal of Cell Biology</i> , 2007, 177, 21-27.	2.3	95
58	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, 748-763.	0.9	93
59	Caspase induction by IgA antimitochondrial antibody: IgA-mediated biliary injury in primary biliary cirrhosis. <i>Hepatology</i> , 2004, 39, 1415-1422.	3.6	93
60	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, 1693-1700.	0.9	91
61	The SRC Family Protein Tyrosine Kinase p62 yes Controls Polymeric IgA Transcytosis In Vivo. <i>Molecular Cell</i> , 1999, 4, 627-632.	4.5	87
62	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, 2845-2855.	0.9	85
63	Long-term culture of hepatic progenitors derived from mouse Dlk+ hepatoblasts. <i>Journal of Cell Science</i> , 2004, 117, 6425-6434.	1.2	83
64	Direct Interaction between Rab3b and the Polymeric Immunoglobulin Receptor Controls Ligand-Stimulated Transcytosis in Epithelial Cells. <i>Developmental Cell</i> , 2002, 2, 219-228.	3.1	82
65	The Exocyst Affects Protein Synthesis by Acting on the Translocation Machinery of the Endoplasmic Reticulum. <i>Journal of Biological Chemistry</i> , 2003, 278, 20954-20960.	1.6	81
66	Chapter 13 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, 329-337.	0.5	78
67	Protease-activated Receptor-1 Down-regulation. <i>Journal of Biological Chemistry</i> , 2000, 275, 31255-31265.	1.6	76
68	A kinase cascade leading to Rab11-FIP5 controls transcytosis of the polymeric immunoglobulin receptor. <i>Nature Cell Biology</i> , 2010, 12, 1143-1153.	4.6	76
69	Polarity proteins PAR6 and aPKC regulate cell death through GSK-3 β in 3D epithelial morphogenesis. <i>Journal of Cell Science</i> , 2007, 120, 2309-2317.	1.2	73
70	Hepatocyte Growth Factor Alters the Polarity of Madin-Darby Canine Kidney Cell Monolayers. <i>Journal of Biological Chemistry</i> , 1997, 272, 3471-3472.	1.6	71
71	Co-translational membrane integration of calcium pump protein without signal sequence cleavage. <i>Nature</i> , 1981, 292, 87-88.	13.7	70
72	<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, 939-953.	1.0	67

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73	Penetration and Co-localization in MDCK Cell Mitochondria of IgA Derived from Patients with Primary Biliary Cirrhosis. <i>Journal of Autoimmunity</i> , 1998, 11, 573-580.	3.0	66
74	Pak1 and PIX regulate contact inhibition during epithelial wound healing. <i>EMBO Journal</i> , 2003, 22, 4155-4165.	3.5	66
75	Apical targeting of the formin Diaphanous in <i>Drosophila</i> tubular epithelia. <i>ELife</i> , 2013, 2, e00666.	2.8	62
76	The Role of Syntaxins in the Specificity of Vesicle Targeting in Polarized Epithelial Cells. <i>Molecular Biology of the Cell</i> , 2005, 16, 5784-5792.	0.9	61
77	Simulating Properties of In Vitro Epithelial Cell Morphogenesis. <i>PLoS Computational Biology</i> , 2006, 2, e129.	1.5	58
78	Phosphoinositides Control Epithelial Development. <i>Cell Cycle</i> , 2007, 6, 1957-1961.	1.3	58
79	Intracellular Redirection of Plasma Membrane Trafficking after Loss of Epithelial Cell Polarity. <i>Molecular Biology of the Cell</i> , 2000, 11, 3045-3060.	0.9	55
80	Disruption of Apical-Basal Polarity of Human Embryonic Stem Cells Enhances Hematoendothelial Differentiation. <i>Stem Cells</i> , 2007, 25, 2215-2223.	1.4	54
81	The phospholipid PI(3,4)P2 is an apical identity determinant. <i>Nature Communications</i> , 2018, 9, 5041.	5.8	54
82	p120 catenin is required for normal renal tubulogenesis and glomerulogenesis. <i>Development (Cambridge)</i> , 2011, 138, 2099-2109.	1.2	50
83	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, 1409-1427.	0.9	49
84	Morphological and Biochemical Analysis of Rac1 in Three-dimensional Epithelial Cell Cultures. <i>Methods in Enzymology</i> , 2006, 406, 676-691.	0.4	49
85	Dimerization of the Polymeric Immunoglobulin Receptor Controls Its Transcytotic Trafficking. <i>Molecular Biology of the Cell</i> , 1998, 9, 901-915.	0.9	48
86	Role of Tyrosine Phosphorylation in Ligand-induced Regulation of Transcytosis of the Polymeric Ig Receptor. <i>Molecular Biology of the Cell</i> , 1998, 9, 1787-1802.	0.9	47
87	Cse1l Is a Negative Regulator of CFTR-Dependent Fluid Secretion. <i>Current Biology</i> , 2010, 20, 1840-1845.	1.8	47
88	Host Cell Polarity Proteins Participate in Innate Immunity to <i>Pseudomonas aeruginosa</i> Infection. <i>Cell Host and Microbe</i> , 2014, 15, 636-643.	5.1	47
89	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-F885.	1.3	46
90	Polarity, cell division, and out-of-equilibrium dynamics control the growth of epithelial structures. <i>Journal of Cell Biology</i> , 2013, 203, 359-372.	2.3	45

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91	Regulation of intrahepatic biliary duct morphogenesis by Claudin 15-like b. <i>Developmental Biology</i> , 2012, 361, 68-78.	0.9	43
92	Epithelial Cell Polarity Alters Rho-GTPase Responses to <i>Pseudomonas aeruginosa</i> . <i>Molecular Biology of the Cell</i> , 2004, 15, 411-419.	0.9	42
93	Calmodulin Binds to the Basolateral Targeting Signal of the Polymeric Immunoglobulin Receptor. <i>Journal of Biological Chemistry</i> , 1996, 271, 1336-1342.	1.6	39
94	Immunoglobulin Transport and the Polymeric Immunoglobulin Receptor. , 2005, , 211-250.		38
95	Phosphoinositide 3-kinase regulates the role of retromer in transcytosis of the polymeric immunoglobulin receptor. <i>Experimental Cell Research</i> , 2007, 313, 707-718.	1.2	38
96	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, 2486-2494.	0.9	38
97	Intercellular Transfer of GPRC5B via Exosomes Drives HGF-Mediated Outward Growth. <i>Current Biology</i> , 2014, 24, 199-204.	1.8	38
98	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-F1640.	1.3	37
99	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.	5.8	37
100	Wortmannin inhibits transcytosis of dimeric IgA by the polymeric immunoglobulin receptor. <i>FEBS Letters</i> , 1995, 376, 74-76.	1.3	35
101	<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, 1212-1222.	1.1	35
102	Sorting of plasma membrane proteins in epithelial cells. <i>Current Opinion in Cell Biology</i> , 1991, 3, 647-653.	2.6	34
103	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-C494.	2.1	33
104	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.	1.6	33
105	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, 3443-3446.	1.0	33
106	MDCK Cystogenesis Driven by Cell Stabilization within Computational Analogues. <i>PLoS Computational Biology</i> , 2011, 7, e1002030.	1.5	32
107	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, 5247-5248.	3.3	30
108	Identification of a Cytoplasmic Signal for Apical Transcytosis. <i>Traffic</i> , 2009, 10, 1128-1142.	1.3	30

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109	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.	1.2	29
110	Developing renal tubules orient cell division via Afadin to position the tubule lumen. <i>Development (Cambridge)</i> , 2017, 144, 3511-3520.	1.2	27
111	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, 18383-18384.	3.3	26
112	A computational approach to resolve cell level contributions to early glandular epithelial cancer progression. <i>BMC Systems Biology</i> , 2009, 3, 122.	3.0	25
113	Role of Rab Proteins in Epithelial Membrane Traffic. <i>International Review of Cytology</i> , 2003, 232, 59-88.	6.2	24
114	Focal adhesion components are essential for mammalian cell cytokinesis. <i>Cell Cycle</i> , 2008, 7, 2868-2876.	1.3	24
115	Catch the β 41B Train to the Basolateral Surface. <i>Cell</i> , 1999, 99, 121-122.	13.5	22
116	Transcriptional Profiling Identifies TNS4 Function in Epithelial Tubulogenesis. <i>Current Biology</i> , 2011, 21, 161-166.	1.8	22
117	P114RhoGEF governs cell motility and lumen formation during tubulogenesis via ROCK-myosin II pathway. <i>Journal of Cell Science</i> , 2015, 128, 4317-27.	1.2	22
118	Cyclic AMP regulates formation of mammary epithelial acini in vitro. <i>Molecular Biology of the Cell</i> , 2012, 23, 2973-2981.	0.9	21
119	[40] Biosynthesis, processing, and function of secretory component. <i>Methods in Enzymology</i> , 1983, 98, 458-466.	0.4	18
120	Analysis of Membrane Traffic in Polarized Epithelial Cells. <i>Current Protocols in Cell Biology</i> , 2001, 12, 15.5.1-15.5.18.	2.3	18
121	Computational investigation of epithelial cell dynamic phenotype in vitro. <i>Theoretical Biology and Medical Modelling</i> , 2009, 6, 8.	2.1	17
122	Protein traffic in polarized epithelial cells: the polymeric immunoglobulin receptor as a model system. <i>Journal of Cell Science</i> , 1993, 1993, 21-26.	1.2	16
123	Fibroblast-derived HGF drives acinar lung cancer cell polarization through integrin-dependent RhoA-ROCK1 inhibition. <i>Cellular Signalling</i> , 2017, 40, 91-98.	1.7	16
124	A Computational Approach to Understand In Vitro Alveolar Morphogenesis. <i>PLoS ONE</i> , 2009, 4, e4819.	1.1	15
125	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-F574.	1.3	15
126	Scrib regulates HGF-mediated epithelial morphogenesis and is stabilized by Sgt1-HSP90. <i>Journal of Cell Science</i> , 2012, 125, 4147-57.	1.2	15

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127	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, 441-451.	1.8	14
128	Transepithelial Transport of Immunoglobulins: A Model of Protein Sorting and Transcytosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1989, 1, 257-262.	1.4	14
129	SIGNAL TRANSDUCTION: A New Thread in an Intricate Web. <i>Science</i> , 2001, 294, 1845-1847.	6.0	14
130	Inflationary pressures. <i>Nature</i> , 2007, 449, 549-550.	13.7	13
131	STAT1 Is Required for Redifferentiation during Madin-Darby Canine Kidney Tubulogenesis. <i>Molecular Biology of the Cell</i> , 2010, 21, 3926-3933.	0.9	13
132	Intussusceptive Angiogenesis in Human Metastatic Malignant Melanoma. <i>American Journal of Pathology</i> , 2021, 191, 2023-2038.	1.9	13
133	Par3 integrates Tiam1 and phosphatidylinositol 3-kinase signaling to change apical membrane identity. <i>Molecular Biology of the Cell</i> , 2017, 28, 252-260.	0.9	12
134	Polymeric Immunoglobulin Receptor. <i>International Review of Cytology</i> , 1993, 137B, 157-168.	6.2	11
135	Ciliary Hedgehog signaling patterns the digestive system to generate mechanical forces driving elongation. <i>Nature Communications</i> , 2021, 12, 7186.	5.8	11
136	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.	1.9	10
137	Just mix and patch. <i>Nature</i> , 2003, 422, 267-268.	13.7	9
138	Simple Rules Determine Distinct Patterns of Branching Morphogenesis. <i>Cell Systems</i> , 2019, 9, 221-227.	2.9	9
139	Connecting apical endocytosis to the intracellular traffic infrastructure in polarized hepatocytes. <i>Gastroenterology</i> , 2000, 119, 1791-1794.	0.6	8
140	Formation of Multicellular Epithelial Structures. <i>Novartis Foundation Symposium</i> , 2008, , 193-205.	1.2	8
141	Simulation of lung alveolar epithelial wound healing in vitro. <i>Journal of the Royal Society Interface</i> , 2010, 7, 1157-1170.	1.5	8
142	Formation of multicellular epithelial structures. <i>Novartis Foundation Symposium</i> , 2005, 269, 193-200; discussion 200-5, 223-30.	1.2	8
143	The hole picture. <i>Nature</i> , 2006, 442, 363-364.	13.7	7
144	Reduced Immunoglobulin A Transcytosis Associated with Immunoglobulin A Nephropathy and Nasopharyngeal Carcinoma. <i>Journal of Biological Chemistry</i> , 2011, 286, 44921-44925.	1.6	7

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145	Laying the foundation for epithelia: insights into polarized basement membrane deposition. EMBO Reports, 2010, 11, 329-330.	2.0	6
146	Catch the KIF5B Train to the Apical Surface. Developmental Cell, 2007, 13, 457-458.	3.1	5
147	Cell height: Tao rising. Journal of Cell Biology, 2012, 199, 1023-1024.	2.3	4
148	Polarity Is Destiny. Cell, 2009, 139, 660-662.	13.5	3
149	In silico simulation of epithelial cell tubulogenesis. , 2008, 2008, 1036-9.		2
150	Both the G α and $\beta\gamma$ subunits of the heterotrimeric G protein, Gs, control the sorting of the polymeric immunoglobulin receptor into transcytotic vesicles. Biochemical Society Transactions, 1994, 22, 463-468.	1.6	1
151	Cell-Polarity Dynamics Controls the Mechanism of Lumen Formation in Epithelial Morphogenesis. Current Biology, 2008, 18, 1016.	1.8	1
152	An in vitro model of intussusceptive angiogenesis. FASEB Journal, 2006, 20, A31.	0.2	1
153	Scrib regulates HGF-mediated epithelial morphogenesis and is stabilized by Sgt1-HSP90. Development (Cambridge), 2012, 139, e1-e1.	1.2	1
154	Simulation modeling of in vitro epithelial morphogenesis and malignancy. Journal of Critical Care, 2007, 22, 347-348.	1.0	0
155	Cell-Polarity Dynamics Controls the Mechanism of Lumen Formation in Epithelial Morphogenesis. Current Biology, 2008, 18, 630.	1.8	0
156	185: p120 Catenin Regulates Epithelial Tubulogenesis in Proximal Tubules. American Journal of Kidney Diseases, 2010, 55, B78.	2.1	0
157	Cse1l Is a Negative Regulator of CFTR-Dependent Fluid Secretion. Current Biology, 2010, 20, 2157.	1.8	0
158	Simulating Properties of In Vitro Epithelial Cell Morphogenesis. PLoS Computational Biology, 2005, preprint, e129.	1.5	0
159	cAMP regulates polarization and apoptosis during mammary epithelial acini formation in vitro. FASEB Journal, 2012, 26, 1152.15.	0.2	0
160	Scrib regulates HGF-mediated epithelial morphogenesis and is stabilized by Sgt1-HSP90. Development (Cambridge), 2012, 139, e1808-e1808.	1.2	0
161	Polarity, cell division, and out-of-equilibrium dynamics control the growth of epithelial structures. Journal of General Physiology, 2013, 142, 1425OIA43.	0.9	0
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