Keith E Mostov

List of Publications by Citations

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	An Fc receptor structurally related to MHC class I antigens. *Nature*, **1989**, 337, 184-7	50.4	616
155	From cells to organs: building polarized tissue. *Nature Reviews Molecular Cell Biology*, **2008**, 9, 887-901	48.7	598
154	PTEN-mediated apical segregation of phosphoinositides controls epithelial morphogenesis through Cdc42. *Cell*, **2007**, 128, 383-97	56.2	574
153	A dual PI3 kinase/mTOR inhibitor reveals emergent efficacy in glioma. *Cancer Cell*, **2006**, 9, 341-9	24.3	532
152	Opinion: Building epithelial architecture: insights from three-dimensional culture models. *Nature Reviews Molecular Cell Biology*, **2002**, 3, 531-7	48.7	488
151	The receptor for transepithelial transport of IgA and IgM contains multiple immunoglobulin-like domains. *Nature*, **1984**, 308, 37-43	50.4	475
150	Guidelines and definitions for research on epithelial-mesenchymal transition. *Nature Reviews Molecular Cell Biology*, **2020**, 21, 341-352	48.7	469
149	A molecular network for de novo generation of the apical surface and lumen. *Nature Cell Biology*, **2010**, 12, 1035-45	23.4	439
148	Transepithelial transport of immunoglobulins. *Annual Review of Immunology*, **1994**, 12, 63-84	34.7	399
147	Rac1 orientates epithelial apical polarity through effects on basolateral laminin assembly. *Nature Cell Biology*, **2001**, 3, 831-8	23.4	377
146	Membrane traffic in polarized epithelial cells. *Current Opinion in Cell Biology*, **2000**, 12, 483-90	9	339
145	The polymeric immunoglobulin receptor translocates pneumococci across human nasopharyngeal epithelial cells. *Cell*, **2000**, 102, 827-37	56.2	332
144	An autonomous signal for basolateral sorting in the cytoplasmic domain of the polymeric immunoglobulin receptor. *Cell*, **1991**, 66, 65-75	56.2	281
143	Polymeric immunoglobulin receptor expressed in MDCK cells transcytoses IgA. *Cell*, **1986**, 46, 613-21	56.2	276
142	Beta1-integrin orients epithelial polarity via Rac1 and laminin. *Molecular Biology of the Cell*, **2005**, 16, 433-45	3.5	264
141	Polarized epithelial membrane traffic: conservation and plasticity. *Nature Cell Biology*, **2003**, 5, 287-93	23.4	255
140	Phosphatidylinositol-3,4,5-trisphosphate regulates the formation of the basolateral plasma membrane in epithelial cells. *Nature Cell Biology*, **2006**, 8, 963-70	23.4	233

139	Epithelial polarity and tubulogenesis in vitro. *Trends in Cell Biology*, **2003**, 13, 169-76	18.3	211
138	NH2-terminal deletion of beta-catenin results in stable colocalization of mutant beta-catenin with adenomatous polyposis coli protein and altered MDCK cell adhesion. *Journal of Cell Biology*, **1997**, 136, 693-706	7.3	204
137	Regulation of cell polarity during epithelial morphogenesis. *Current Opinion in Cell Biology*, **2008**, 20, 227-34	9	202
136	Genetic control of single lumen formation in the zebrafish gut. *Nature Cell Biology*, **2007**, 9, 954-60	23.4	194
135	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. *Developmental Biology*, **1998**, 204, 64-79	3.1	193
134	Deletion of the cytoplasmic domain of the polymeric immunoglobulin receptor prevents basolateral localization and endocytosis. *Cell*, **1986**, 47, 359-64	56.2	193
133	Exocytosis: the many masters of the exocyst. *Current Biology*, **2002**, 12, R212-4	6.3	187
132	Redundant and distinct functions for dynamin-1 and dynamin-2 isoforms. *Journal of Cell Biology*, **1998**, 143, 1871-81	7.3	187
131	Molecular regulation of lumen morphogenesis. *Current Biology*, **2011**, 21, R126-36	6.3	173
130	Cell-polarity dynamics controls the mechanism of lumen formation in epithelial morphogenesis. *Current Biology*, **2008**, 18, 507-13	6.3	164
129	Transcytosis. *Cell*, **1985**, 43, 389-90	56.2	160
128	The SNARE machinery is involved in apical plasma membrane trafficking in MDCK cells. *Journal of Cell Biology*, **1998**, 141, 1503-13	7.3	159
127	Rab GTPase-Myo5B complexes control membrane recycling and epithelial polarization. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 2789-94	11.5	138
126	Liver progenitor cells develop cholangiocyte-type epithelial polarity in three-dimensional culture. *Molecular Biology of the Cell*, **2007**, 18, 1472-9	3.5	138
125	Definition of distinct compartments in polarized Madin-Darby canine kidney (MDCK) cells for membrane-volume sorting, polarized sorting and apical recycling. *Traffic*, **2000**, 1, 124-40	5.7	138
124	EGF induces macropinocytosis and SNX1-modulated recycling of E-cadherin. *Journal of Cell Science*, **2007**, 120, 1818-28	5.3	135
123	Phosphoinositides in cell architecture. *Cold Spring Harbor Perspectives in Biology*, **2011**, 3, a004796	10.2	134
122	ERK and MMPs sequentially regulate distinct stages of epithelial tubule development. *Developmental Cell*, **2004**, 7, 21-32	10.2	133

121	Exocyst is involved in cystogenesis and tubulogenesis and acts by modulating synthesis and delivery of basolateral plasma membrane and secretory proteins. *Molecular Biology of the Cell*, **2000**, 11, 4259-75	3.5	128
120	A molecular switch for the orientation of epithelial cell polarization. *Developmental Cell*, **2014**, 31, 171-87	10.2	124
119	The mammalian retromer regulates transcytosis of the polymeric immunoglobulin receptor. *Nature Cell Biology*, **2004**, 6, 763-9	23.4	124
118	Slug is required for cell survival during partial epithelial-mesenchymal transition of HGF-induced tubulogenesis. *Molecular Biology of the Cell*, **2007**, 18, 1943-52	3.5	120
117	Regulation of protein traffic in polarized epithelial cells. *BioEssays*, **1995**, 17, 129-38	4.1	119
116	Apical and basolateral endocytic pathways of MDCK cells meet in acidic common endosomes distinct from a nearly-neutral apical recycling endosome. *Traffic*, **2000**, 1, 480-93	5.7	118
115	Dynamics of beta-catenin interactions with APC protein regulate epithelial tubulogenesis. *Journal of Cell Biology*, **1997**, 137, 1651-62	7.3	117
114	Identification of Pseudomonas aeruginosa genes required for epithelial cell injury. *Molecular Microbiology*, **1997**, 24, 1249-62	4.1	114
113	A model for structural similarity between different SNARE complexes based on sequence relationships. *Trends in Cell Biology*, **1998**, 8, 260-2	18.3	113
112	The Cdc42 GEF Intersectin 2 controls mitotic spindle orientation to form the lumen during epithelial morphogenesis. *Journal of Cell Biology*, **2010**, 189, 725-38	7.3	105
111	Apical targeting in polarized epithelial cells: There's more afloat than rafts. *Trends in Cell Biology*, **1997**, 7, 393-9	18.3	101
110	Pili binding to asialo-GM1 on epithelial cells can mediate cytotoxicity or bacterial internalization by Pseudomonas aeruginosa. *Infection and Immunity*, **1999**, 67, 3207-14	3.7	100
109	Synaptotagmin-like proteins control the formation of a single apical membrane domain in epithelial cells. *Nature Cell Biology*, **2012**, 14, 838-49	23.4	98
108	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. *Journal of Biological Chemistry*, **2000**, 275, 20717-25	5.4	98
107	Host cell-derived sphingolipids are required for the intracellular growth of Chlamydia trachomatis. *Cellular Microbiology*, **2000**, 2, 627-37	3.9	97
106	Involvement of RhoA, ROCK I and myosin II in inverted orientation of epithelial polarity. *EMBO Reports*, **2008**, 9, 923-9	6.5	95
105	Polarity in mammalian epithelial morphogenesis. *Cold Spring Harbor Perspectives in Biology*, **2013**, 5,	10.2	94
104	Targeting of SNAP-23 and SNAP-25 in polarized epithelial cells. *Journal of Biological Chemistry*, **1998**, 273, 3422-30	5.4	91

103	Parasympathetic innervation regulates tubulogenesis in the developing salivary gland. *Developmental Cell*, **2014**, 30, 449-62	10.2	89
102	Induced expression of Rnd3 is associated with transformation of polarized epithelial cells by the Raf-MEK-extracellular signal-regulated kinase pathway. *Molecular and Cellular Biology*, **2000**, 20, 9364-75	4.8	89
101	Defects in type III secretion correlate with internalization of Pseudomonas aeruginosa by epithelial cells. *Infection and Immunity*, **1998**, 66, 1413-20	3.7	87
100	Hepatocyte growth factor switches orientation of polarity and mode of movement during morphogenesis of multicellular epithelial structures. *Molecular Biology of the Cell*, **2003**, 14, 748-63	3.5	85
99	Pseudomonas aeruginosa exploits a PIP3-dependent pathway to transform apical into basolateral membrane. *Journal of Cell Biology*, **2007**, 177, 21-7	7.3	82
98	The SRC family protein tyrosine kinase p62yes controls polymeric IgA transcytosis in vivo. *Molecular Cell*, **1999**, 4, 627-32	17.6	81
97	Caspase induction by IgA antimitochondrial antibody: IgA-mediated biliary injury in primary biliary cirrhosis. *Hepatology*, **2004**, 39, 1415-22	11.2	80
96	Direct interaction between Rab3b and the polymeric immunoglobulin receptor controls ligand-stimulated transcytosis in epithelial cells. *Developmental Cell*, **2002**, 2, 219-28	10.2	80
95	Formation of cysts by alveolar type II cells in three-dimensional culture reveals a novel mechanism for epithelial morphogenesis. *Molecular Biology of the Cell*, **2007**, 18, 1693-700	3.5	77
94	The exocyst affects protein synthesis by acting on the translocation machinery of the endoplasmic reticulum. *Journal of Biological Chemistry*, **2003**, 278, 20954-60	5.4	75
93	Long-term culture of hepatic progenitors derived from mouse Dlk+ hepatoblasts. *Journal of Cell Science*, **2004**, 117, 6425-34	5.3	74
92	Expression and analysis of the polymeric immunoglobulin receptor in Madin-Darby canine kidney cells using retroviral vectors. *Methods in Cell Biology*, **1989**, 32, 329-37	1.8	72
91	Grainyhead-like 2 regulates epithelial morphogenesis by establishing functional tight junctions through the organization of a molecular network among claudin3, claudin4, and Rab25. *Molecular Biology of the Cell*, **2012**, 23, 2845-55	3.5	69
90	A kinase cascade leading to Rab11-FIP5 controls transcytosis of the polymeric immunoglobulin receptor. *Nature Cell Biology*, **2010**, 12, 1143-53	23.4	67
89	Protease-activated receptor-1 down-regulation: a mutant HeLa cell line suggests novel requirements for PAR1 phosphorylation and recruitment to clathrin-coated pits. *Journal of Biological Chemistry*, **2000**, 275, 31255-65	5.4	66
88	Hepatocyte growth factor alters the polarity of Madin-Darby canine kidney cell monolayers. *Journal of Biological Chemistry*, **1997**, 272, 3471-7	5.4	63
87	Co-translational membrane integration of calcium pump protein without signal sequence cleavage. *Nature*, **1981**, 292, 87-8	50.4	63
86	Polarity proteins PAR6 and aPKC regulate cell death through GSK-3beta in 3D epithelial morphogenesis. *Journal of Cell Science*, **2007**, 120, 2309-17	5.3	62

85	Pak1 and PIX regulate contact inhibition during epithelial wound healing. *EMBO Journal*, **2003**, 22, 4155-65	13	62
84	Penetration and co-localization in MDCK cell mitochondria of IgA derived from patients with primary biliary cirrhosis. *Journal of Autoimmunity*, **1998**, 11, 573-80	15.5	60
83	Phosphoinositides control epithelial development. *Cell Cycle*, **2007**, 6, 1957-61	4.7	52
82	The role of syntaxins in the specificity of vesicle targeting in polarized epithelial cells. *Molecular Biology of the Cell*, **2005**, 16, 5784-92	3.5	52
81	Disruption of apical-basal polarity of human embryonic stem cells enhances hematoendothelial differentiation. *Stem Cells*, **2007**, 25, 2215-23	5.8	50
80	Pseudomonas aeruginosa-mediated damage requires distinct receptors at the apical and basolateral surfaces of the polarized epithelium. *Infection and Immunity*, **2010**, 78, 939-53	3.7	49
79	Intracellular redirection of plasma membrane trafficking after loss of epithelial cell polarity. *Molecular Biology of the Cell*, **2000**, 11, 3045-60	3.5	49
78	Simulating properties of in vitro epithelial cell morphogenesis. *PLoS Computational Biology*, **2006**, 2, e129	3	48
77	Transduction of basolateral-to-apical signals across epithelial cells: ligand-stimulated transcytosis of the polymeric immunoglobulin receptor requires two signals. *Molecular Biology of the Cell*, **1999**, 10, 1409-27	3.5	48
76	Morphological and biochemical analysis of Rac1 in three-dimensional epithelial cell cultures. *Methods in Enzymology*, **2006**, 406, 676-91	1.7	47
75	Dimerization of the polymeric immunoglobulin receptor controls its transcytotic trafficking. *Molecular Biology of the Cell*, **1998**, 9, 901-15	3.5	46
74	Apical targeting of the formin Diaphanous in Drosophila tubular epithelia. *ELife*, **2013**, 2, e00666	8.9	46
73	Role of tyrosine phosphorylation in ligand-induced regulation of transcytosis of the polymeric Ig receptor. *Molecular Biology of the Cell*, **1998**, 9, 1787-802	3.5	45
72	p120 catenin is required for normal renal tubulogenesis and glomerulogenesis. *Development (Cambridge)*, **2011**, 138, 2099-109	6.6	44
71	Cse1l is a negative regulator of CFTR-dependent fluid secretion. *Current Biology*, **2010**, 20, 1840-5	6.3	42
70	Localization of GFP-tagged concentrative nucleoside transporters in a renal polarized epithelial cell line. *American Journal of Physiology - Renal Physiology*, **2001**, 280, F879-85	4.3	42
69	Regulation of intrahepatic biliary duct morphogenesis by Claudin 15-like b. *Developmental Biology*, **2012**, 361, 68-78	3.1	39
68	Epithelial cell polarity alters Rho-GTPase responses to Pseudomonas aeruginosa. *Molecular Biology of the Cell*, **2004**, 15, 411-9	3.5	39

67	Polarity, cell division, and out-of-equilibrium dynamics control the growth of epithelial structures. *Journal of Cell Biology*, **2013**, 203, 359-72	7.3	36
66	Calmodulin binds to the basolateral targeting signal of the polymeric immunoglobulin receptor. *Journal of Biological Chemistry*, **1996**, 271, 1336-42	5.4	36
65	Rac1 is required for reorientation of polarity and lumen formation through a PI 3-kinase-dependent pathway. *American Journal of Physiology - Renal Physiology*, **2007**, 293, F1633-40	4.3	34
64	The phospholipid PI(3,4)P is an apical identity determinant. *Nature Communications*, **2018**, 9, 5041	17.4	34
63	Phosphoinositide 3-kinase regulates the role of retromer in transcytosis of the polymeric immunoglobulin receptor. *Experimental Cell Research*, **2007**, 313, 707-18	4.2	33
62	Liver progenitor cells fold up a cell monolayer into a double-layered structure during tubular morphogenesis. *Molecular Biology of the Cell*, **2009**, 20, 2486-94	3.5	32
61	Wortmannin inhibits transcytosis of dimeric IgA by the polymeric immunoglobulin receptor. *FEBS Letters*, **1995**, 376, 74-6	3.8	31
60	Susceptibility of epithelial cells to Pseudomonas aeruginosa invasion and cytotoxicity is upregulated by hepatocyte growth factor. *Infection and Immunity*, **1998**, 66, 3443-6	3.7	31
59	Intercellular transfer of GPRC5B via exosomes drives HGF-mediated outward growth. *Current Biology*, **2014**, 24, 199-204	6.3	30
58	Host cell polarity proteins participate in innate immunity to Pseudomonas aeruginosa infection. *Cell Host and Microbe*, **2014**, 15, 636-43	23.4	30
57	Immunoglobulin Transport and the Polymeric Immunoglobulin Receptor **2005**, 211-250		30
56	Sorting of plasma membrane proteins in epithelial cells. *Current Opinion in Cell Biology*, **1991**, 3, 647-53	9	30
55	Hepatocyte growth factor induces MDCK cell morphogenesis without causing loss of tight junction functional integrity. *American Journal of Physiology - Cell Physiology*, **2004**, 286, C482-94	5.4	29
54	Phosphoinositide 3-kinase p110 promotes lumen formation through the enhancement of apico-basal polarity and basal membrane organization. *Nature Communications*, **2015**, 6, 5937	17.4	27
53	Identification of a cytoplasmic signal for apical transcytosis. *Traffic*, **2009**, 10, 1128-42	5.7	25
52	Pseudomonas aeruginosa interacts with epithelial cells rapidly forming aggregates that are internalized by a Lyn-dependent mechanism. *Cellular Microbiology*, **2011**, 13, 1212-22	3.9	24
51	MDCK cystogenesis driven by cell stabilization within computational analogues. *PLoS Computational Biology*, **2011**, 7, e1002030	5	24
50	Vesicle transport, cilium formation, and membrane specialization: the origins of a sensory organelle. *Proceedings of the National Academy of Sciences of the United States of America*, **2006**, 103, 18383-4	11.5	24

49	mTOR is out of control in polycystic kidney disease. *Proceedings of the National Academy of Sciences of the United States of America*, **2006**, 103, 5247-8	11.5	24
48	Adaptor Protein CD2AP and L-type Lectin LMAN2 Regulate Exosome Cargo Protein Trafficking through the Golgi Complex. *Journal of Biological Chemistry*, **2016**, 291, 25462-25475	5.4	23
47	A computational approach to resolve cell level contributions to early glandular epithelial cancer progression. *BMC Systems Biology*, **2009**, 3, 122	3.5	23
46	Role of rab proteins in epithelial membrane traffic. *International Review of Cytology*, **2003**, 232, 59-88		23
45	Focal adhesion components are essential for mammalian cell cytokinesis. *Cell Cycle*, **2008**, 7, 2868-76	4.7	22
44	Transcriptional profiling identifies TNS4 function in epithelial tubulogenesis. *Current Biology*, **2011**, 21, 161-6	6.3	20
43	Catch the mu1B train to the basolateral surface. *Cell*, **1999**, 99, 121-2	56.2	20
42	cAMP-dependent protein kinase A (PKA) regulates angiogenesis by modulating tip cell behavior in a Notch-independent manner. *Development (Cambridge)*, **2016**, 143, 3582-3590	6.6	20
41	Afadin orients cell division to position the tubule lumen in developing renal tubules. *Development (Cambridge)*, **2017**, 144, 3511-3520	6.6	19
40	Analysis of membrane traffic in polarized epithelial cells. *Current Protocols in Cell Biology*, **2001**, Chapter 15, 15.5.1-15.5.18	2.3	18
39	Biosynthesis, processing, and function of secretory component. *Methods in Enzymology*, **1983**, 98, 458-66	1.7	17
38	Cyclic AMP regulates formation of mammary epithelial acini in vitro. *Molecular Biology of the Cell*, **2012**, 23, 2973-81	3.5	16
37	p114RhoGEF governs cell motility and lumen formation during tubulogenesis through a ROCK-myosin-II pathway. *Journal of Cell Science*, **2015**, 128, 4317-27	5.3	15
36	Scrib regulates HGF-mediated epithelial morphogenesis and is stabilized by Sgt1-HSP90. *Journal of Cell Science*, **2012**, 125, 4147-57	5.3	15
35	A computational approach to understand in vitro alveolar morphogenesis. *PLoS ONE*, **2009**, 4, e4819	3.7	14
34	Computational investigation of epithelial cell dynamic phenotype in vitro. *Theoretical Biology and Medical Modelling*, **2009**, 6, 8	2.3	14
33	Protein traffic in polarized epithelial cells: the polymeric immunoglobulin receptor as a model system. *Journal of Cell Science*, **1993**, 17, 21-6	5.3	14
32	Transcellular transport of polymeric immunoglobulin by secretory component: a model system for studying intracellular protein sorting. *Annals of the New York Academy of Sciences*, **1983**, 409, 441-51	6.5	14

31	STAT1 is required for redifferentiation during Madin-Darby canine kidney tubulogenesis. *Molecular Biology of the Cell*, **2010**, 21, 3926-33	3.5	13
30	Signal transduction. A new thread in an intricate web. *Science*, **2001**, 294, 1845-7	33.3	13
29	Nectin proteins are expressed at early stages of nephrogenesis and play a role in renal epithelial cell morphogenesis. *American Journal of Physiology - Renal Physiology*, **2009**, 296, F564-74	4.3	12
28	Transepithelial transport of immunoglobulins: a model of protein sorting and transcytosis. *American Journal of Respiratory Cell and Molecular Biology*, **1989**, 1, 257-62	5.7	12
27	Polymeric immunoglobulin receptor. *International Review of Cytology*, **1992**, 137B, 157-68		10
26	Fibroblast-derived HGF drives acinar lung cancer cell polarization through integrin-dependent RhoA-ROCK1 inhibition. *Cellular Signalling*, **2017**, 40, 91-98	4.9	9
25	Par3 integrates Tiam1 and phosphatidylinositol 3-kinase signaling to change apical membrane identity. *Molecular Biology of the Cell*, **2017**, 28, 252-260	3.5	8
24	Simulation of lung alveolar epithelial wound healing in vitro. *Journal of the Royal Society Interface*, **2010**, 7, 1157-70	4.1	8
23	Connecting apical endocytosis to the intracellular traffic infrastructure in polarized hepatocytes. *Gastroenterology*, **2000**, 119, 1791-4	13.3	7
22	Formation of multicellular epithelial structures. *Novartis Foundation Symposium*, **2005**, 269, 193-200; discussion 200-5, 223-30		7
21	Laying the foundation for epithelia: insights into polarized basement membrane deposition. *EMBO Reports*, **2010**, 11, 329-30	6.5	5
20	Reduced immunoglobulin A transcytosis associated with immunoglobulin A nephropathy and nasopharyngeal carcinoma. *Journal of Biological Chemistry*, **2011**, 286, 44921-5	5.4	5
19	Catch the KIF5B train to the apical surface. *Developmental Cell*, **2007**, 13, 457-8	10.2	4
18	Polarity is destiny. *Cell*, **2009**, 139, 660-2	56.2	3
17	Cell height: Tao rising. *Journal of Cell Biology*, **2012**, 199, 1023-4	7.3	3
16	Formation of Multicellular Epithelial Structures. *Novartis Foundation Symposium*, **2008**, 193-205		3
15	A Qualitative Change in the Transcriptome Occurs after the First Cell Cycle and Coincides with Lumen Establishment during MDCKII Cystogenesis. *IScience*, **2020**, 23, 101629	6.1	3
14	Simple Rules Determine Distinct Patterns of Branching Morphogenesis. *Cell Systems*, **2019**, 9, 221-227	10.6	2

13	Ciliary Hedgehog signaling patterns the digestive system to generate mechanical forces driving elongation. *Nature Communications*, **2021**, 12, 7186	17.4	2
12	Ciliary signaling-patterned smooth muscle drives tubular elongation		2
11	In silico simulation of epithelial cell tubulogenesis. *Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference*, **2008**, 2008, 1036-9	0.9	1
10	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. *Biochemical Society Transactions*, **1994**, 22, 463-8	5.1	1
9	Fibroblast-derived HGF drives acinar lung cancer cell polarization through integrin-dependent RhoA-ROCK1 inhibition		1
8	Intussusceptive Angiogenesis in Human Metastatic Malignant Melanoma. *American Journal of Pathology*, **2021**, 191, 2023-2038	5.8	1
7	An in vitro model of intussusceptive angiogenesis. *FASEB Journal*, **2006**, 20, A31	0.9	
6	Rapid functional assay to elucidate the oncogenic activity of unknown mutations (variants of unknown significance).. *Journal of Clinical Oncology*, **2015**, 33, e22125-e22125	2.2	
5	Identification of the functional significance of mutations using the novel Precision Cancer Analysis System.. *Journal of Clinical Oncology*, **2015**, 33, e22123-e22123	2.2	
4	cAMP regulates polarization and apoptosis during mammary epithelial acini formation in vitro. *FASEB Journal*, **2012**, 26, 1152.15	0.9	
3	Scrib regulates HGF-mediated epithelial morphogenesis and is stabilized by Sgt1-HSP90. *Development (Cambridge)*, **2012**, 139, e1808-e1808	6.6	
2	Scrib regulates HGF-mediated epithelial morphogenesis and is stabilized by Sgt1-HSP90. *Development (Cambridge)*, **2012**, 139, e1-e1	6.6	
1	Polarity, cell division, and out-of-equilibrium dynamics control the growth of epithelial structures. *Journal of General Physiology*, **2013**, 142, 1425OIA43	3.4	