

Michael J Caplan

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.

147
papers

8,289
citations

49
h-index

89
g-index

166
ext. papers

9,109
ext. citations

8
avg, IF

5.77
L-index

#	Paper	IF	Citations
147	AMPK and Polycystic Kidney Disease Drug Development: An Interesting Off-Target Target.. <i>Frontiers in Medicine</i> , 2022 , 9, 753418	4.9	1
146	β adrenergic receptor as potential therapeutic target in ADPKD. <i>Physiological Reports</i> , 2021 , 9, e15058	2.6	0
145	Mechanisms involved in AMPK-mediated deposition of tight junction components to the plasma membrane. <i>American Journal of Physiology - Cell Physiology</i> , 2020 , 318, C486-C501	5.4	4
144	Chloride channels regulate differentiation and barrier functions of the mammalian airway. <i>ELife</i> , 2020 , 9,	8.9	10
143	A cut above (and below): Protein cleavage in the regulation of polycystin trafficking and signaling. <i>Cellular Signalling</i> , 2020 , 72, 109634	4.9	3
142	Everything You Always Wanted to Know about βAR * (* But Were Afraid to Ask). <i>Cells</i> , 2019 , 8,	7.9	47
141	Novel protein trafficking and signaling pathways in kidney physiology and pathophysiology. <i>FASEB Journal</i> , 2019 , 33, 20.2	0.9	
140	Polycystin 1 is an atypical adhesion GPCR that responds to non-canonical WNT signals and inhibits GSK3β <i>FASEB Journal</i> , 2019 , 33, 863.10	0.9	0
139	Holding open the door reveals a new view of polycystin channel function. <i>EMBO Reports</i> , 2019 , 20, e491565	5.6	1
138	Polycystin-1 regulates bone development through an interaction with the transcriptional coactivator TAZ. <i>Human Molecular Genetics</i> , 2019 , 28, 16-30	5.6	13
137	Implications of AMPK in the Formation of Epithelial Tight Junctions. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	27
136	Metabolism and mitochondria in polycystic kidney disease research and therapy. <i>Nature Reviews Nephrology</i> , 2018 , 14, 678-687	14.9	72
135	Newly synthesized polycystin-1 takes different trafficking pathways to the apical and ciliary membranes. <i>Traffic</i> , 2018 , 19, 933-945	5.7	9
134	The Polycystin Complex Reveals Its Complexity. <i>Biochemistry</i> , 2018 , 57, 6917-6918	3.2	2
133	The secretory pathway at 50: a golden anniversary for some momentous grains of silver. <i>Molecular Biology of the Cell</i> , 2017 , 28, 229-232	3.5	6
132	The polycystins are modulated by cellular oxygen-sensing pathways and regulate mitochondrial function. <i>Molecular Biology of the Cell</i> , 2017 , 28, 261-269	3.5	49
131	2016 Robert W. Berliner Award for Excellence in Renal Physiology. <i>American Journal of Physiology - Renal Physiology</i> , 2016 , 310, F803-F804	4.3	

130	Newly synthesized and recycling pools of the apical protein gp135 do not occupy the same compartments. <i>Traffic</i> , 2016 , 17, 1272-1285	5.7	4
129	Investigation of peanut oral immunotherapy with CpG/peanut nanoparticles in a murine model of peanut allergy. <i>Journal of Allergy and Clinical Immunology</i> , 2016 , 138, 536-543.e4	11.5	65
128	Artificial bacterial biomimetic nanoparticles synergize pathogen-associated molecular patterns for vaccine efficacy. <i>Biomaterials</i> , 2016 , 97, 85-96	15.6	49
127	Polycystin-1 Is a Cardiomyocyte Mechanosensor That Governs L-Type Ca ²⁺ Channel Protein Stability. <i>Circulation</i> , 2015 , 131, 2131-42	16.7	56
126	Akt Substrate of 160 kD Regulates Na ⁺ ,K ⁺ -ATPase Trafficking in Response to Energy Depletion and Renal Ischemia. <i>Journal of the American Society of Nephrology: JASN</i> , 2015 , 26, 2765-76	12.7	14
125	Developmental lung malformations in children: recent advances in imaging techniques, classification system, and imaging findings. <i>Journal of Thoracic Imaging</i> , 2015 , 30, 29-43; quiz 44-5	5.6	13
124	The periciliary ring in polarized epithelial cells is a hot spot for delivery of the apical protein gp135. <i>Journal of Cell Biology</i> , 2015 , 211, 287-94	7.3	13
123	Knockdown of ezrin causes intrahepatic cholestasis by the dysregulation of bile fluidity in the bile duct epithelium in mice. <i>Hepatology</i> , 2015 , 61, 1660-71	11.2	17
122	Dual pulse-chase microscopy reveals early divergence in the biosynthetic trafficking of the Na,K-ATPase and E-cadherin. <i>Molecular Biology of the Cell</i> , 2015 , 26, 4401-11	3.5	9
121	Chemical and Physical Sensors in the Regulation of Renal Function. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2015 , 10, 1626-35	6.9	13
120	The periciliary ring in polarized epithelial cells is a hot spot for delivery of the apical protein gp135. <i>Journal of General Physiology</i> , 2015 , 146, 1466OIA69	3.4	
119	Trafficking to the apical and basolateral membranes in polarized epithelial cells. <i>Journal of the American Society of Nephrology: JASN</i> , 2014 , 25, 1375-86	12.7	67
118	Incidental mucocele of the appendix in a 15-year-old girl. <i>Pediatric Emergency Care</i> , 2014 , 30, 555-7	1.4	6
117	Polycystin-1 cleavage and the regulation of transcriptional pathways. <i>Pediatric Nephrology</i> , 2014 , 29, 505-11	3.2	24
116	SNAP-tag to monitor trafficking of membrane proteins in polarized epithelial cells. <i>Methods in Molecular Biology</i> , 2014 , 1174, 171-82	1.4	4
115	Activation of the Ca ²⁺ -sensing receptor induces deposition of tight junction components to the epithelial cell plasma membrane. <i>Journal of Cell Science</i> , 2013 , 126, 5132-42	5.3	32
114	Olfactory receptor responding to gut microbiota-derived signals plays a role in renin secretion and blood pressure regulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 4410-5	11.5	640
113	Antigen-specific, antibody-coated, exosome-like nanovesicles deliver suppressor T-cell microRNA-150 to effector T cells to inhibit contact sensitivity. <i>Journal of Allergy and Clinical Immunology</i> , 2013 , 132, 170-81	11.5	150

112 Epithelial Cell Structure and Polarity **2013**, 3-43

111 Autosomal Dominant Polycystic Kidney Disease **2013**, 2645-2688

1

110 Epithelial morphogenesis of MDCK cells in three-dimensional collagen culture is modulated by interleukin-8. *American Journal of Physiology - Cell Physiology*, **2013**, 304, C966-75 5.4 19

109 The ß-secretase cleavage product of polycystin-1 regulates TCF and CHOP-mediated transcriptional activation through a p300-dependent mechanism. *Developmental Cell*, **2012**, 22, 197-210 10.2 56

108 VIP17/MAL expression modulates epithelial cyst formation and ciliogenesis. *American Journal of Physiology - Cell Physiology*, **2012**, 303, C862-71 5.4 8

107 Novel sensory signaling systems in the kidney. *Current Opinion in Nephrology and Hypertension*, **2012**, 21, 404-9 3.5 10

106 Biosynthetic sorting of the sodium pump: Visualization of the segregation of newly synthesized epithelial Na,K-ATPase from apically directed proteins. *FASEB Journal*, **2012**, 26, 885.6 0.9

105 AS160: a new Na,K-ATPase partner that regulates the trafficking of the sodium pump in response to energy depletion and renal ischemia. *FASEB Journal*, **2012**, 26, lb808 0.9

104 Role of Calcineurin in Polycystin Protein Trafficking to the Primary Cilium in LLCPK Cells. *FASEB Journal*, **2012**, 26, 868.3 0.9

103 Polycystin-1 stimulates skeletogenesis via TAZ-mediated activation of RunX2. *FASEB Journal*, **2012**, 26, lb811 0.9

102 Polycystic kidney disease: pathogenesis and potential therapies. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2011**, 1812, 1337-43 6.9 51

101 Interactions between ß-catenin and the HSlo potassium channel regulates HSlo surface expression. *PLoS ONE*, **2011**, 6, e28264 3.7 18

100 Regulated intramembrane proteolysis: signaling pathways and biological functions. *Physiology*, **2011**, 26, 34-44 9.8 69

99 Macrophages promote cyst growth in polycystic kidney disease. *Journal of the American Society of Nephrology: JASN*, **2011**, 22, 1809-14 12.7 137

98 Polycystin-2 and phosphodiesterase 4C are components of a ciliary A-kinase anchoring protein complex that is disrupted in cystic kidney diseases. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 10679-84 11.5 96

97 Activating AMP-activated protein kinase (AMPK) slows renal cystogenesis. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 2462-7 11.5 208

96 AMP-activated protein kinase (AMPK) activation and glycogen synthase kinase-3ß (GSK-3ß) inhibition induce Ca²⁺-independent deposition of tight junction components at the plasma membrane. *Journal of Biological Chemistry*, **2011**, 286, 16879-90 5.4 43

95 Preactivation of AMPK by metformin may ameliorate the epithelial cell damage caused by renal ischemia. *American Journal of Physiology - Renal Physiology*, **2011**, 301, F1346-57 4.3 67

94	Renal cystic disease proteins play critical roles in the organization of the olfactory epithelium. <i>PLoS ONE</i> , 2011 , 6, e19694	3.7	18
93	Protein phosphatase 2A interacts with the Na,K-ATPase and modulates its trafficking by inhibition of its association with arrestin. <i>PLoS ONE</i> , 2011 , 6, e29269	3.7	24
92	Lymphocytes accelerate epithelial tight junction assembly: role of AMP-activated protein kinase (AMPK). <i>PLoS ONE</i> , 2010 , 5, e12343	3.7	17
91	The cell biology of polycystic kidney disease. <i>Journal of Cell Biology</i> , 2010 , 191, 701-10	7.3	183
90	Exosome release of β -catenin: a novel mechanism that antagonizes Wnt signaling. <i>Journal of Cell Biology</i> , 2010 , 190, 1079-91	7.3	379
89	AS160 associates with the Na ⁺ ,K ⁺ -ATPase and mediates the adenosine monophosphate-stimulated protein kinase-dependent regulation of sodium pump surface expression. <i>Molecular Biology of the Cell</i> , 2010 , 21, 4400-8	3.5	32
88	Polycystin-1 surface localization is stimulated by polycystin-2 and cleavage at the G protein-coupled receptor proteolytic site. <i>Molecular Biology of the Cell</i> , 2010 , 21, 4338-48	3.5	57
87	TLR9-targeted biodegradable nanoparticles as immunization vectors protect against West Nile encephalitis. <i>Journal of Immunology</i> , 2010 , 185, 2989-97	5.3	95
86	MAL/VIP17, a new player in the regulation of NKCC2 in the kidney. <i>Molecular Biology of the Cell</i> , 2010 , 21, 3985-97	3.5	27
85	Association with β -COP regulates the trafficking of the newly synthesized Na,K-ATPase. <i>Journal of Biological Chemistry</i> , 2010 , 285, 33737-46	5.4	10
84	Partial correction of cystic fibrosis defects with PLGA nanoparticles encapsulating curcumin. <i>Molecular Pharmaceutics</i> , 2010 , 7, 86-93	5.6	103
83	Ligand-modified gene carriers increased uptake in target cells but reduced DNA release and transfection efficiency. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2010 , 6, 334-43	6	21
82	Exosome-release of beta-catenin: A novel mechanism to antagonize Wnt signaling. <i>FASEB Journal</i> , 2010 , 24, 715.3	0.9	
81	Functional expression of the olfactory signaling system in the kidney. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 2059-64	11.5	169
80	POSH stimulates the ubiquitination and the clathrin-independent endocytosis of ROMK1 channels. <i>Journal of Biological Chemistry</i> , 2009 , 284, 29614-24	5.4	21
79	Polycystin-1 C-terminal cleavage is modulated by polycystin-2 expression. <i>Journal of Biological Chemistry</i> , 2009 , 284, 21011-26	5.4	30
78	Detecting the surface localization and cytoplasmic cleavage of membrane-bound proteins. <i>Methods in Cell Biology</i> , 2009 , 94, 223-39	1.8	6
77	Membrane proteins follow multiple pathways to the basolateral cell surface in polarized epithelial cells. <i>Journal of Cell Biology</i> , 2009 , 186, 269-82	7.3	74

76	The uptake and intracellular fate of PLGA nanoparticles in epithelial cells. <i>Biomaterials</i> , 2009 , 30, 2790-815.6	331
75	Dystroglycan and AMP kinase: polarity protectors when the power goes out. <i>Developmental Cell</i> , 2009 , 16, 1-2	10.2 3
74	Inflammasome-activating nanoparticles as modular systems for optimizing vaccine efficacy. <i>Vaccine</i> , 2009 , 27, 3013-21	4.1 235
73	Polarized traffic towards the cell surface: how to find the route. <i>Biology of the Cell</i> , 2009 , 102, 75-91	3.5 25
72	Protein trafficking in polarized cells. <i>International Review of Cell and Molecular Biology</i> , 2008 , 270, 145-76	24
71	The cytoplasmic tail dileucine motif LL572 determines the glycosylation pattern of membrane-type 1 matrix metalloproteinase. <i>Journal of Biological Chemistry</i> , 2008 , 283, 35410-8	5.4 17
70	Expression of tetraspan protein CD63 activates protein-tyrosine kinase (PTK) and enhances the PTK-induced inhibition of ROMK channels. <i>Journal of Biological Chemistry</i> , 2008 , 283, 7674-81	5.4 20
69	Exon loss accounts for differential sorting of Na-K-Cl cotransporters in polarized epithelial cells. <i>Molecular Biology of the Cell</i> , 2008 , 19, 4341-51	3.5 66
68	Polycystin-1 C-terminal tail associates with beta-catenin and inhibits canonical Wnt signaling. <i>Human Molecular Genetics</i> , 2008 , 17, 3105-17	5.6 142
67	Epithelial junctions and polarity: complexes and kinases. <i>Current Opinion in Nephrology and Hypertension</i> , 2008 , 17, 506-12	3.5 14
66	Epithelial Cell Structure and Polarity 2008 , 1-34	
65	Autosomal Dominant Polycystic Kidney Disease and Inherited Cystic Diseases 2008 , 2283-2313	
64	POSH decreases ROMK1 channel activity through stimulating clathrin-independent and dynamin-dependent endocytosis. <i>FASEB Journal</i> , 2008 , 22, 1180.1	0.9
63	Apical membrane expression of NKCC2 is directed by a domain within its cytoplasmic C-terminus. <i>FASEB Journal</i> , 2008 , 22, 935.4	0.9
62	MAL decreases the internalization of the aquaporin-2 water channel. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 16696-701	11.5 50
61	Arrestins and spinophilin competitively regulate Na ⁺ ,K ⁺ -ATPase trafficking through association with a large cytoplasmic loop of the Na ⁺ ,K ⁺ -ATPase. <i>Molecular Biology of the Cell</i> , 2007 , 18, 4508-18	3.5 31
60	The future of the pump. <i>Journal of Clinical Gastroenterology</i> , 2007 , 41 Suppl 2, S217-22	3 10
59	Tetraspan proteins: regulators of renal structure and function. <i>Current Opinion in Nephrology and Hypertension</i> , 2007 , 16, 353-8	3.5 15

58	An extracellular loop of the human non-gastric H,K-ATPase alpha-subunit is involved in apical plasma membrane polarization. <i>Cellular Physiology and Biochemistry</i> , 2006 , 18, 75-84	3.9	7
57	AMP-activated protein kinase regulates the assembly of epithelial tight junctions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 17272-7	11.5	214
56	Polycystin-2 regulates proliferation and branching morphogenesis in kidney epithelial cells. <i>Journal of Biological Chemistry</i> , 2006 , 281, 137-44	5.4	43
55	CFTR is required for PKA-regulated ATP sensitivity of Kir1.1 potassium channels in mouse kidney. <i>Journal of Clinical Investigation</i> , 2006 , 116, 797-807	15.9	53
54	The C-terminal tail of the polycystin-1 protein interacts with the Na,K-ATPase alpha-subunit. <i>Molecular Biology of the Cell</i> , 2005 , 16, 5087-93	3.5	29
53	Physiology and Physiology: Back to the Future. <i>Physiology</i> , 2004 , 19, 232-232	9.8	3
52	The COOH-terminal tail of the GAT-2 GABA transporter contains a novel motif that plays a role in basolateral targeting. <i>American Journal of Physiology - Cell Physiology</i> , 2004 , 286, C1071-7	5.4	20
51	Sorting of H,K-ATPase beta-subunit in MDCK and LLC-PK cells is independent of mu 1B adaptin expression. <i>Traffic</i> , 2004 , 5, 449-61	5.7	24
50	Gastric parietal cell acid secretion in mice can be regulated independently of H/K ATPase endocytosis. <i>Gastroenterology</i> , 2004 , 127, 145-54	13.3	24
49	Curcumin, a major constituent of turmeric, corrects cystic fibrosis defects. <i>Science</i> , 2004 , 304, 600-2	33.3	473
48	Mechanical stimuli induce cleavage and nuclear translocation of the polycystin-1 C terminus. <i>Journal of Clinical Investigation</i> , 2004 , 114, 1433-43	15.9	219
47	Transport protein trafficking in polarized cells. <i>Annual Review of Cell and Developmental Biology</i> , 2003 , 19, 333-66	12.6	107
46	The tetraspanin CD63 enhances the internalization of the H,K-ATPase beta-subunit. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 15560-5	11.5	95
45	Polycystin-1 distribution is modulated by polycystin-2 expression in mammalian cells. <i>Journal of Biological Chemistry</i> , 2003 , 278, 36786-93	5.4	73
44	Ion pump-interacting proteins: promising new partners. <i>Annals of the New York Academy of Sciences</i> , 2003 , 986, 360-8	6.5	19
43	Aquaporin-2: COOH terminus is necessary but not sufficient for routing to the apical membrane. <i>American Journal of Physiology - Renal Physiology</i> , 2002 , 282, F330-40	4.3	37
42	Cell biology of ABC transporters. <i>Kidney International</i> , 2002 , 62, 1514-1515	9.9	
41	Calcium-pump inhibitors induce functional surface expression of Delta F508-CFTR protein in cystic fibrosis epithelial cells. <i>Nature Medicine</i> , 2002 , 8, 485-92	50.5	179

40	Extracellular domains, transmembrane segments, and intracellular domains interact to determine the cation selectivity of Na,K- and gastric H,K-ATPase. <i>Biochemistry</i> , 2002 , 41, 9803-12	3.2	18
39	Ion pump sorting in polarized renal epithelial cells. <i>Kidney International</i> , 2001 , 60, 427-30	9.9	7
38	The NH ₂ -terminus of norepinephrine transporter contains a basolateral localization signal for epithelial cells. <i>Molecular Biology of the Cell</i> , 2001 , 12, 3797-807	3.5	35
37	The C-terminal tail of the metabotropic glutamate receptor subtype 7 is necessary but not sufficient for cell surface delivery and polarized targeting in neurons and epithelia. <i>Journal of Biological Chemistry</i> , 2001 , 276, 9133-40	5.4	16
36	Ion pumps in polarized cells: sorting and regulation of the Na ⁺ , K ⁺ - and H ⁺ , K ⁺ -ATPases. <i>Journal of Biological Chemistry</i> , 2001 , 276, 29617-20	5.4	62
35	Differential localization of human nongastric H(+)-K(+)-ATPase ATP1AL1 in polarized renal epithelial cells. <i>American Journal of Physiology - Renal Physiology</i> , 2000 , 279, F417-25	4.3	16
34	The roles of carbohydrate chains of the beta-subunit on the functional expression of gastric H(+),K(+)-ATPase. <i>Journal of Biological Chemistry</i> , 2000 , 275, 8324-30	5.4	41
33	Residues of the fourth transmembrane segments of the Na,K-ATPase and the gastric H,K-ATPase contribute to cation selectivity. <i>Journal of Biological Chemistry</i> , 2000 , 275, 1749-56	5.4	24
32	The cell biology of ion pumps: sorting and regulation. <i>European Journal of Cell Biology</i> , 2000 , 79, 557-63	6.1	36
31	A transmembrane segment determines the steady-state localization of an ion-transporting adenosine triphosphatase. <i>Journal of Cell Biology</i> , 2000 , 148, 769-78	7.3	70
30	Cation selectivity of gastric H,K-ATPase and Na,K-ATPase chimeras. <i>Journal of Biological Chemistry</i> , 1999 , 274, 18374-81	5.4	15
29	Regulation of myocardial glucose uptake and transport during ischemia and energetic stress. <i>American Journal of Cardiology</i> , 1999 , 83, 25H-30H	3	252
28	Gastric H ⁺ /K ⁺ -ATPase: targeting signals in the regulation of physiologic function. <i>Current Opinion in Cell Biology</i> , 1998 , 10, 468-73	9	11
27	Identification of sorting determinants in the C-terminal cytoplasmic tails of the gamma-aminobutyric acid transporters GAT-2 and GAT-3. <i>Journal of Biological Chemistry</i> , 1998 , 273, 25616-27	5.4	83
26	Additive effects of hyperinsulinemia and ischemia on myocardial GLUT1 and GLUT4 translocation in vivo. <i>Circulation</i> , 1998 , 98, 2180-6	16.7	68
25	Tyrosine-based membrane protein sorting signals are differentially interpreted by polarized Madin-Darby canine kidney and LLC-PK1 epithelial cells. <i>Journal of Biological Chemistry</i> , 1998 , 273, 26862-9	5.4	99
24	ATP1AL1, a member of the non-gastric H,K-ATPase family, functions as a sodium pump. <i>Journal of Biological Chemistry</i> , 1998 , 273, 27772-8	5.4	48
23	Expression of neurotransmitter transport systems in polarized cells. <i>Methods in Enzymology</i> , 1998 , 296, 370-88	1.7	2

22	Signals and Mechanisms of Sorting in Epithelial Polarity. <i>Advances in Molecular and Cell Biology</i> , 1998 , 95-131		
21	A tyrosine-based signal regulates H-K-ATPase-mediated potassium reabsorption in the kidney. <i>American Journal of Physiology - Renal Physiology</i> , 1998 , 275, F818-26	4.3	13
20	Effects of okadaic acid, calyculin A, and PDBu on state of phosphorylation of rat renal Na ⁺ -K ⁺ -ATPase. <i>American Journal of Physiology - Renal Physiology</i> , 1998 , 275, F863-9	4.3	15
19	Sorting of two polytopic proteins, the gamma-aminobutyric acid and betaine transporters, in polarized epithelial cells. <i>Journal of Biological Chemistry</i> , 1997 , 272, 6584-92	5.4	57
18	Sorting and trafficking of ion transport proteins in polarized epithelial cells. <i>Current Opinion in Nephrology and Hypertension</i> , 1997 , 6, 455-9	3.5	5
17	Epithelial Cell Polarity: Challenges and Methodologies 1997 , 665-688		
16	A tyrosine-based signal targets H/K-ATPase to a regulated compartment and is required for the cessation of gastric acid secretion. <i>Cell</i> , 1997 , 90, 501-10	56.2	97
15	Sorting of ion pumps in polarized epithelial cells. <i>Annals of the New York Academy of Sciences</i> , 1997 , 834, 514-23	6.5	6
14	Low-flow ischemia leads to translocation of canine heart GLUT-4 and GLUT-1 glucose transporters to the sarcolemma in vivo. <i>Circulation</i> , 1997 , 95, 415-22	16.7	146
13	Cell-specific sorting of biogenic amine transporters expressed in epithelial cells. <i>Journal of Biological Chemistry</i> , 1996 , 271, 18100-6	5.4	83
12	Polarized expression of GABA transporters in Madin-Darby canine kidney cells and cultured hippocampal neurons. <i>Journal of Biological Chemistry</i> , 1996 , 271, 6917-24	5.4	50
11	Na ⁺ ,K ⁽⁺⁾ -ATPase in the choroid plexus. Regulation by serotonin/protein kinase C pathway. <i>Journal of Biological Chemistry</i> , 1995 , 270, 2427-30	5.4	71
10	The generation of epithelial polarity in mammalian and Drosophila embryos. <i>Seminars in Developmental Biology</i> , 1995 , 6, 39-46		5
9	Sorting of the gastric H,K-ATPase in endocrine and epithelial cells. <i>Annals of the New York Academy of Sciences</i> , 1994 , 733, 212-22	6.5	4
8	Chapter 8 Synthesis and Sorting of Ion Pumps in Polarized Cells. <i>Current Topics in Membranes</i> , 1994 , 41, 143-168	2.2	2
7	Sorting of ion transport proteins in polarized cells. <i>Journal of Cell Science</i> , 1993 , 17, 13-20	5.3	9
6	Cell surface biotinylation in the determination of epithelial membrane polarity. <i>Cytotechnology</i> , 1992 , 14, 173-180		21
5	Chapter 2 Biogenesis and Sorting of Plasma Membrane Proteins. <i>Current Topics in Membranes</i> , 1991 , 39, 37-86	2.2	5

4	Dependence on pH of polarized sorting of secreted proteins. <i>Nature</i> , 1987 , 329, 632-5	50.4	177
3	Evidence for a high and specific concentration of (Na ⁺ ,K ⁺)ATPase in the plasma membrane of the osteoclast. <i>Cell</i> , 1986 , 46, 311-20	56.2	89
2	Intracellular sorting and polarized cell surface delivery of (Na ⁺ ,K ⁺)ATPase, an endogenous component of MDCK cell basolateral plasma membranes. <i>Cell</i> , 1986 , 46, 623-31	56.2	209
1	Monoclonal antibody to Na,K-ATPase: immunocytochemical localization along nephron segments. <i>Kidney International</i> , 1985 , 28, 899-913	9.9	241