Michael J Caplan

List of Publications by Year
in descending order

160 papers	9,836 citations	34105 52 h-index	37204 96 g-index
166 all docs	166 docs citations	166 times ranked	11919 citing authors

#	Article	IF	Citations
1	AMPK and Polycystic Kidney Disease Drug Development: An Interesting Off-Target Target. Frontiers in Medicine, 2022, 9, 753418.	2.6	6
2	Membrane phosphoinositides and renal epithelial cell polarity determination in the Xenopus pronephros in vivo. FASEB Journal, 2022, 36, .	0.5	0
3	Polycystin 1 ciliary localization is regulated by its aGPCR activity. FASEB Journal, 2022, 36, .	0.5	0
4	Physiology and Physiology, 2021. Physiology, 2021, 36, 268-269.	3.1	0
5	Î²3 adrenergic receptor as potential therapeutic target in ADPKD. Physiological Reports, 2021, 9, e15058.	1.7	7
6	Mechanisms involved in AMPK-mediated deposition of tight junction components to the plasma membrane. American Journal of Physiology - Cell Physiology, 2020, 318, C486-C501.	4.6	5
7	A cut above (and below): Protein cleavage in the regulation of polycystin trafficking and signaling. Cellular Signalling, 2020, 72, 109634.	3.6	15
8	Chloride channels regulate differentiation and barrier functions of the mammalian airway. ELife, 2020, 9, .	6.0	20
9	Everything You Always Wanted to Know about Î²3-AR * (* But Were Afraid to Ask). Cells, 2019, 8, 357.	4.1	86
10	Polycystin-1 regulates bone development through an interaction with the transcriptional coactivator TAZ. Human Molecular Genetics, 2019, 28, 16-30.	2.9	25
11	Novel protein trafficking and signaling pathways in kidney physiology and pathophysiology. FASEB Journal, 2019, 33, 20.2.	0.5	0
12	Polycystin 1 is an atypical adhesion GPCR that responds to nonâ€canonical WNT signals and inhibits GSK3Î². FASEB Journal, 2019, 33, 863.10.	0.5	1
13	Holding open the door reveals a new view of polycystin channel function. EMBO Reports, 2019, 20, e49156.	4.5	3
14	The Polycystin Complex Reveals Its Complexity. Biochemistry, 2018, 57, 6917-6918.	2.5	2
15	Implications of AMPK in the Formation of Epithelial Tight Junctions. International Journal of Molecular Sciences, 2018, 19, 2040.	4.1	39
16	Metabolism and mitochondria in polycystic kidney disease research andÂtherapy. Nature Reviews Nephrology, 2018, 14, 678-687.	9.6	122
17	Newly synthesized polycystinâ€1 takes different trafficking pathways to the apical and ciliary membranes. Traffic, 2018, 19, 933-945.	2.7	10
18	The secretory pathway at 50: a golden anniversary for some momentous grains of silver. Molecular Biology of the Cell, 2017, 28, 229-232.	2.1	8

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19	The polycystins are modulated by cellular oxygen-sensing pathways and regulate mitochondrial function. Molecular Biology of the Cell, 2017, 28, 261-269.	2.1	73
20	2016 Robert W. Berliner Award for Excellence in Renal Physiology. American Journal of Physiology - Renal Physiology, 2016, 310, F803-F804.	2.7	0
21	The tail of polycystin-1 pays the kidney a complement. American Journal of Physiology - Renal Physiology, 2016, 310, F1180-F1181.	2.7	0
22	Investigation of peanut oral immunotherapy with CpG/peanut nanoparticles in a murine model of peanut allergy. Journal of Allergy and Clinical Immunology, 2016, 138, 536-543.e4.	2.9	83
23	Artificial bacterial biomimetic nanoparticles synergize pathogen-associated molecular patterns for vaccine efficacy. Biomaterials, 2016, 97, 85-96.	11.4	66
24	Newly synthesized and recycling pools of the apical protein gp135 do not occupy the same compartments. Traffic, 2016, 17, 1272-1285.	2.7	4
25	The periciliary ring in polarized epithelial cells is a hot spot for delivery of the apical protein gp135. Journal of Cell Biology, 2015, 211, 287-294.	5.2	14
26	Knockdown of ezrin causes intrahepatic cholestasis by the dysregulation of bile fluidity in the bile duct epithelium in mice. Hepatology, 2015, 61, 1660-1671.	7.3	27
27	Dual pulse-chase microscopy reveals early divergence in the biosynthetic trafficking of the Na,K-ATPase and E-cadherin. Molecular Biology of the Cell, 2015, 26, 4401-4411.	2.1	11
28	Chemical and Physical Sensors in the Regulation of Renal Function. Clinical Journal of the American Society of Nephrology: CJASN, 2015, 10, 1626-1635.	4.5	14
29	Polycystin-1 Is a Cardiomyocyte Mechanosensor That Governs L-Type Ca ²⁺ Channel Protein Stability. Circulation, 2015, 131, 2131-2142.	1.6	71
30	Akt Substrate of 160 kD Regulates Na+,K+-ATPase Trafficking in Response to Energy Depletion and Renal Ischemia. Journal of the American Society of Nephrology: JASN, 2015, 26, 2765-2776.	6.1	17
31	Developmental Lung Malformations in Children. Journal of Thoracic Imaging, 2015, 30, 29-45.	1.5	15
32	The periciliary ring in polarized epithelial cells is a hot spot for delivery of the apical protein gp135. Journal of General Physiology, 2015, 146, 1466OIA69.	1.9	0
33	Trafficking to the Apical and Basolateral Membranes in Polarized Epithelial Cells. Journal of the American Society of Nephrology: JASN, 2014, 25, 1375-1386.	6.1	90
34	Incidental Mucocele of the Appendix in a 15-Year-Old Girl. Pediatric Emergency Care, 2014, 30, 555-557.	0.9	6
35	Polycystin-1 cleavage and the regulation of transcriptional pathways. Pediatric Nephrology, 2014, 29, 505-511.	1.7	25
36	SNAP-Tag to Monitor Trafficking of Membrane Proteins in Polarized Epithelial Cells. Methods in Molecular Biology, 2014, 1174, 171-182.	0.9	4

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37	Activation of the calcium-sensing receptor induces deposition of tight junction components to the epithelial cell plasma membrane. Journal of Cell Science, 2013, 126, 5132-42.	2.0	35
38	Olfactory receptor responding to gut microbiota-derived signals plays a role in renin secretion and blood pressure regulation. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 4410-4415.	7.1	893
39	Antigen-specific, antibody-coated, exosome-like nanovesicles deliver suppressor T-cell microRNA-150 to effector T cells to inhibit contact sensitivity. Journal of Allergy and Clinical Immunology, 2013, 132, 170-181.e9.	2.9	187
40	Epithelial Cell Structure and Polarity. , 2013, , 3-43.		0
41	Autosomal Dominant Polycystic Kidney Disease. , 2013, , 2645-2688.		1
42	An inversin convergence. Focus on â€œInversin modulates the cortical actin network during mitosisâ€• American Journal of Physiology - Cell Physiology, 2013, 305, C22-C23.	4.6	4
43	Epithelial morphogenesis of MDCK cells in three-dimensional collagen culture is modulated by interleukin-8. American Journal of Physiology - Cell Physiology, 2013, 304, C966-C975.	4.6	26
44	VIP17/MAL expression modulates epithelial cyst formation and ciliogenesis. American Journal of Physiology - Cell Physiology, 2012, 303, C862-C871.	4.6	8
45	Novel sensory signaling systems in the kidney. Current Opinion in Nephrology and Hypertension, 2012, 21, 404-409.	2.0	17
46	The Î³-Secretase Cleavage Product of Polycystin-1 Regulates TCF and CHOP-Mediated Transcriptional Activation through a p300-Dependent Mechanism. Developmental Cell, 2012, 22, 197-210.	7.0	61
47	Biosynthetic sorting of the sodium pump: Visualization of the segregation of newly synthesized epithelial Na,Kâ€ATPase from apically directed proteins. FASEB Journal, 2012, 26, 885.6.	0.5	0
48	AS160: a new Na,Kâ€ATPase partner that regulates the trafficking of the sodium pump in response to energy depletion and renal ischemia. FASEB Journal, 2012, 26, lb808.	0.5	0
49	Role of Calcineurin in Polycystin Protein Trafficking to the Primary Cilium in LLCPK Cells. FASEB Journal, 2012, 26, 868.3.	0.5	0
50	Polycystinâ€1 stimulates skeletogenesis via TAZâ€mediated activation of RunX2. FASEB Journal, 2012, 26, lb811.	0.5	1
51	Regulated Intramembrane Proteolysis: Signaling Pathways and Biological Functions. Physiology, 2011, 26, 34-44.	3.1	87
52	Polycystic kidney disease: Pathogenesis and potential therapies. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2011, 1812, 1337-1343.	3.8	63
53	Interactions between Î²-Catenin and the HSlo Potassium Channel Regulates HSlo Surface Expression. PLoS ONE, 2011, 6, e28264.	2.5	21
54	Look Who's Talking. . . .. Physiology, 2011, 26, 306-306.	3.1	0

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55	Macrophages Promote Cyst Growth in Polycystic Kidney Disease. Journal of the American Society of Nephrology: JASN, 2011, 22, 1809-1814.	6.1	192
56	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, 10679-10684.	7.1	117
57	Activating AMP-activated protein kinase (AMPK) slows renal cystogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 2462-2467.	7.1	276
58	AMP-activated Protein Kinase (AMPK) Activation and Glycogen Synthase Kinase-3Î² (GSK-3Î²) Inhibition Induce Ca2+-independent Deposition of Tight Junction Components at the Plasma Membrane. Journal of Biological Chemistry, 2011, 286, 16879-16890.	3.4	46
59	Preactivation of AMPK by metformin may ameliorate the epithelial cell damage caused by renal ischemia. American Journal of Physiology - Renal Physiology, 2011, 301, F1346-F1357.	2.7	81
60	Renal Cystic Disease Proteins Play Critical Roles in the Organization of the Olfactory Epithelium. PLoS ONE, 2011, 6, e19694.	2.5	20
61	Protein Phosphatase 2A Interacts with the Na+,K+-ATPase and Modulates Its Trafficking by Inhibition of Its Association with Arrestin. PLoS ONE, 2011, 6, e29269.	2.5	25
62	Ligand-modified gene carriers increased uptake in target cells but reduced DNA release and transfection efficiency. Nanomedicine: Nanotechnology, Biology, and Medicine, 2010, 6, 334-343.	3.3	23
63	Polarized traffic towards the cell surface: how to find the route. Biology of the Cell, 2010, 102, 75-91.	2.0	28
64	Telling kidneys to cease and decyst. Nature Medicine, 2010, 16, 751-752.	30.7	6
65	Lymphocytes Accelerate Epithelial Tight Junction Assembly: Role of AMP-Activated Protein Kinase (AMPK). PLoS ONE, 2010, 5, e12343.	2.5	21
66	The cell biology of polycystic kidney disease. Journal of Cell Biology, 2010, 191, 701-710.	5.2	232
67	Exosome release of Î²-catenin: a novel mechanism that antagonizes Wnt signaling. Journal of Cell Biology, 2010, 190, 1079-1091.	5.2	455
68	AS160 Associates with the Na⁺,K⁺-ATPase and Mediates the Adenosine Monophosphate-stimulated Protein Kinase-dependent Regulation of Sodium Pump Surface Expression. Molecular Biology of the Cell, 2010, 21, 4400-4408.	2.1	37
69	Polycystin-1 Surface Localization Is Stimulated by Polycystin-2 and Cleavage at the G Protein-coupled Receptor Proteolytic Site. Molecular Biology of the Cell, 2010, 21, 4338-4348.	2.1	67
70	Systems Biology and the Biology of Systems. Physiology, 2010, 25, 58-58.	3.1	1
71	TLR9-Targeted Biodegradable Nanoparticles as Immunization Vectors Protect against West Nile Encephalitis. Journal of Immunology, 2010, 185, 2989-2997.	0.8	104
72	MAL/VIP17, a New Player in the Regulation of NKCC2 in the Kidney. Molecular Biology of the Cell, 2010, 21, 3985-3997.	2.1	30

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73	Association with Î²-COP Regulates the Trafficking of the Newly Synthesized Na,K-ATPase*. Journal of Biological Chemistry, 2010, 285, 33737-33746.	3.4	13
74	Partial Correction of Cystic Fibrosis Defects with PLGA Nanoparticles Encapsulating Curcumin. Molecular Pharmaceutics, 2010, 7, 86-93.	4.6	123
75	Exosomeâ€release of betaâ€catenin: A novel mechanism to antagonize Wnt signaling. FASEB Journal, 2010, 24, 715.3.	0.5	0
76	Interesting Times. Physiology, 2009, 24, 74-74.	3.1	1
77	Functional expression of the olfactory signaling system in the kidney. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 2059-2064.	7.1	189
78	POSH Stimulates the Ubiquitination and the Clathrin-independent Endocytosis of ROMK1 Channels. Journal of Biological Chemistry, 2009, 284, 29614-29624.	3.4	24
79	Polycystin-1 C-terminal Cleavage Is Modulated by Polycystin-2 Expression. Journal of Biological Chemistry, 2009, 284, 21011-21026.	3.4	32
80	Detecting the Surface Localization and Cytoplasmic Cleavage of Membrane-Bound Proteins. Methods in Cell Biology, 2009, 94, 223-239.	1.1	6
81	Membrane proteins follow multiple pathways to the basolateral cell surface in polarized epithelial cells. Journal of Cell Biology, 2009, 186, 269-282.	5.2	85
82	The uptake and intracellular fate of PLGA nanoparticles in epithelial cells. Biomaterials, 2009, 30, 2790-2798.	11.4	363
83	Dystroglycan and AMP Kinase: Polarity's Protectors when the Power Goes Out. Developmental Cell, 2009, 16, 1-2.	7.0	3
84	Inflammasome-activating nanoparticles as modular systems for optimizing vaccine efficacy. Vaccine, 2009, 27, 3013-3021.	3.8	261
85	Chapter 4 Protein Trafficking in Polarized Cells. International Review of Cell and Molecular Biology, 2008, 270, 145-179.	3.2	27
86	The Cytoplasmic Tail Dileucine Motif LL572 Determines the Glycosylation Pattern of Membrane-type 1 Matrix Metalloproteinase. Journal of Biological Chemistry, 2008, 283, 35410-35418.	3.4	18
87	Expression of Tetraspan Protein CD63 Activates Protein-tyrosine Kinase (PTK) and Enhances the PTK-induced Inhibition of ROMK Channels. Journal of Biological Chemistry, 2008, 283, 7674-7681.	3.4	21
88	Exon Loss Accounts for Differential Sorting of Na-K-Cl Cotransporters in Polarized Epithelial Cells. Molecular Biology of the Cell, 2008, 19, 4341-4351.	2.1	75
89	Polycystin-1 C-terminal tail associates with Î²-catenin and inhibits canonical Wnt signaling. Human Molecular Genetics, 2008, 17, 3105-3117.	2.9	163
90	Epithelial junctions and polarity: complexes and kinases. Current Opinion in Nephrology and Hypertension, 2008, 17, 506-512.	2.0	16

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91	Epithelial Cell Structure and Polarity. , 2008, , 1-34.		0
92	Autosomal Dominant Polycystic Kidney Disease and Inherited Cystic Diseases. , 2008, , 2283-2313.		0
93	POSH decreases ROMK1 channel activity through stimulating clatharinâ€independent and dynaminâ€dependent endocytosis.. FASEB Journal, 2008, 22, 1180.1.	0.5	0
94	Apical membrane expression of NKCC2 is directed by a domain within its cytoplasmic Câ€terminus. FASEB Journal, 2008, 22, 935.4.	0.5	0
95	MAL decreases the internalization of the aquaporin-2 water channel. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 16696-16701.	7.1	54
96	Arrestins and Spinophilin Competitively Regulate Na⁺,K⁺-ATPase Trafficking through Association with a Large Cytoplasmic Loop of the Na⁺,K⁺-ATPase. Molecular Biology of the Cell, 2007, 18, 4508-4518.	2.1	35
97	The Future of the Pump. Journal of Clinical Gastroenterology, 2007, 41, S217-S222.	2.2	12
98	Tetraspan proteins: regulators of renal structure and function. Current Opinion in Nephrology and Hypertension, 2007, 16, 353-358.	2.0	17
99	Teach Your Children Well. . . .. Physiology, 2007, 22, 298-298.	3.1	1
100	A Failure to Communicate . . .. Physiology, 2006, 21, 156-156.	3.1	0
101	An Extracellular Loop of the Human Non-Gastric H,K-ATPase a-subunit is Involved in Apical Plasma Membrane Polarization. Cellular Physiology and Biochemistry, 2006, 18, 75-84.	1.6	7
102	AMP-activated protein kinase regulates the assembly of epithelial tight junctions. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 17272-17277.	7.1	236
103	Polycystin-2 Regulates Proliferation and Branching Morphogenesis in Kidney Epithelial Cells. Journal of Biological Chemistry, 2006, 281, 137-144.	3.4	49
104	CFTR is required for PKA-regulated ATP sensitivity of Kir1.1 potassium channels in mouse kidney. Journal of Clinical Investigation, 2006, 116, 797-807.	8.2	61
105	The C-Terminal Tail of the Polycystin-1 Protein Interacts with the Na,K-ATPase Î±-Subunit. Molecular Biology of the Cell, 2005, 16, 5087-5093.	2.1	30
106	Mechanical stimuli induce cleavage and nuclear translocation of the polycystin-1 C terminus. Journal of Clinical Investigation, 2005, 115, 788-788.	8.2	1
107	In Celebration of Unsung Heroes. Physiology, 2005, 20, 286-286.	3.1	0
108	Physiology and Physiology: Back to the Future. Physiology, 2004, 19, 232-232.	3.1	3

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109	The COOH-terminal tail of the GAT-2 GABA transporter contains a novel motif that plays a role in basolateral targeting. American Journal of Physiology - Cell Physiology, 2004, 286, C1071-C1077.	4.6	20
110	Sorting of H,K-ATPase Î²-Subunit in MDCK and LLC-PK1 Cells is Independent of Î¼1B Adaptin Expression. Traffic, 2004, 5, 449-461.	2.7	26
111	Gastric parietal cell acid secretion in mice can be regulated independently of H+/K+ ATPase endocytosis. Gastroenterology, 2004, 127, 145-154.	1.3	30
112	Curcumin, a Major Constituent of Turmeric, Corrects Cystic Fibrosis Defects. Science, 2004, 304, 600-602.	12.6	532
113	Mechanical stimuli induce cleavage and nuclear translocation of the polycystin-1 C terminus. Journal of Clinical Investigation, 2004, 114, 1433-1443.	8.2	247
114	Ion Pumpâ€Interacting Proteins: Promising New Partners. Annals of the New York Academy of Sciences, 2003, 986, 360-368.	3.8	19
115	Transport Protein Trafficking in Polarized Cells. Annual Review of Cell and Developmental Biology, 2003, 19, 333-366.	9.4	112
116	The tetraspanin CD63 enhances the internalization of the H,K-ATPase Â-subunit. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 15560-15565.	7.1	101
117	Polycystin-1 Distribution Is Modulated by Polycystin-2 Expression in Mammalian Cells. Journal of Biological Chemistry, 2003, 278, 36786-36793.	3.4	85
118	How megalin finds its way: identification of a novel apical sorting motif.Focus on â€œIdentification of an apical sorting determinant in the cytoplasmic tail of megalinâ€. American Journal of Physiology - Cell Physiology, 2003, 284, C1101-C1104.	4.6	3
119	Extracellular Domains, Transmembrane Segments, and Intracellular Domains Interact To Determine the Cation Selectivity of Na,K- and Gastric H,K-ATPaseâ€. Biochemistry, 2002, 41, 9803-9812.	2.5	18
120	Aquaporin-2: COOH terminus is necessary but not sufficient for routing to the apical membrane. American Journal of Physiology - Renal Physiology, 2002, 282, F330-F340.	2.7	42
121	Cell biology of ABC transporters. Kidney International, 2002, 62, 1514-1515.	5.2	0
122	Calcium-pump inhibitors induce functional surface expression of Î”F508-CFTR protein in cystic fibrosis epithelial cells. Nature Medicine, 2002, 8, 485-492.	30.7	199
123	Ion pump sorting in polarized renal epithelial cells. Kidney International, 2001, 60, 427-430.	5.2	8
124	The NH₂-terminus of Norepinephrine Transporter Contains a Basolateral Localization Signal for Epithelial Cells. Molecular Biology of the Cell, 2001, 12, 3797-3807.	2.1	36
125	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. Journal of Biological Chemistry, 2001, 276, 9133-9140.	3.4	16
126	Ion Pumps in Polarized Cells: Sorting and Regulation of the Na+,K+- and H+,K+-ATPases. Journal of Biological Chemistry, 2001, 276, 29617-29620.	3.4	77

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127	Differential localization of human nongastric H⁺-K⁺-ATPase ATP1AL1 in polarized renal epithelial cells. American Journal of Physiology - Renal Physiology, 2000, 279, F417-F425.	2.7	19
128	The Roles of Carbohydrate Chains of the Î²-Subunit on the Functional Expression of Gastric H+,K+-ATPase. Journal of Biological Chemistry, 2000, 275, 8324-8330.	3.4	46
129	Residues of the Fourth Transmembrane Segments of the Na,K-ATPase and the Gastric H,K-ATPase Contribute to Cation Selectivity. Journal of Biological Chemistry, 2000, 275, 1749-1756.	3.4	27
130	The cell biology of ion pumps: sorting and regulation. European Journal of Cell Biology, 2000, 79, 557-563.	3.6	36
131	A Transmembrane Segment Determines the Steady-State Localization of an Ion-Transporting Adenosine Triphosphatase. Journal of Cell Biology, 2000, 148, 769-778.	5.2	81
132	Cation Selectivity of Gastric H,K-ATPase and Na,K-ATPase Chimeras. Journal of Biological Chemistry, 1999, 274, 18374-18381.	3.4	15
133	Regulation of myocardial glucose uptake and transport during ischemia and energetic stress. American Journal of Cardiology, 1999, 83, 25-30.	1.6	264
134	Gastric H+/K+-ATPase: targeting signals in the regulation of physiologic function. Current Opinion in Cell Biology, 1998, 10, 468-473.	5.4	13
135	Identification of Sorting Determinants in the C-terminal Cytoplasmic Tails of the Î³-Aminobutyric Acid Transporters GAT-2 and GAT-3. Journal of Biological Chemistry, 1998, 273, 25616-25627.	3.4	89
136	Additive Effects of Hyperinsulinemia and Ischemia on Myocardial GLUT1 and GLUT4 Translocation In Vivo. Circulation, 1998, 98, 2180-2186.	1.6	77
137	Tyrosine-based Membrane Protein Sorting Signals Are Differentially Interpreted by Polarized Madin-Darby Canine Kidney and LLC-PK1 Epithelial Cells. Journal of Biological Chemistry, 1998, 273, 26862-26869.	3.4	109
138	ATP1AL1, a Member of the Non-gastric H,K-ATPase Family, Functions as a Sodium Pump. Journal of Biological Chemistry, 1998, 273, 27772-27778.	3.4	53
139	[25] Expression of neurotransmitter transport systems in polarized cells. Methods in Enzymology, 1998, 296, 370-388.	1.0	2
140	Signals and Mechanisms of Sorting in Epithelial Polarity. Advances in Molecular and Cell Biology, 1998, , 95-131.	0.1	0
141	A tyrosine-based signal regulates H-K-ATPase-mediated potassium reabsorption in the kidney. American Journal of Physiology - Renal Physiology, 1998, 275, F818-F826.	2.7	16
142	Effects of okadaic acid, calyculin A, and PDBu on state of phosphorylation of rat renal Na⁺-K⁺-ATPase. American Journal of Physiology - Renal Physiology, 1998, 275, F863-F869.	2.7	18
143	Sorting of Two Polytopic Proteins, the Î³-Aminobutyric Acid and Betaine Transporters, in Polarized Epithelial Cells. Journal of Biological Chemistry, 1997, 272, 6584-6592.	3.4	61
144	Sorting and trafficking of ion transport proteins in polarized epithelial cells. Current Opinion in Nephrology and Hypertension, 1997, 6, 455-459.	2.0	5

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145	A Tyrosine-Based Signal Targets H/K-ATPase to a Regulated Compartment and Is Required for the Cessation of Gastric Acid Secretion. Cell, 1997, 90, 501-510.	28.9	99
146	Sorting of Ion Pumps in Polarized Epithelial Cells.. Annals of the New York Academy of Sciences, 1997, 834, 514-523.	3.8	7
147	Low-Flow Ischemia Leads to Translocation of Canine Heart GLUT-4 and GLUT-1 Glucose Transporters to the Sarcolemma In Vivo. Circulation, 1997, 95, 415-422.	1.6	186
148	Cell-specific Sorting of Biogenic Amine Transporters Expressed in Epithelial Cells. Journal of Biological Chemistry, 1996, 271, 18100-18106.	3.4	89
149	Polarized Expression of GABA Transporters in Madin-Darby Canine Kidney Cells and Cultured Hippocampal Neurons. Journal of Biological Chemistry, 1996, 271, 6917-6924.	3.4	54
150	Na+,K+-ATPase in the Choroid Plexus. Journal of Biological Chemistry, 1995, 270, 2427-2430.	3.4	85
151	The generation of epithelial polarity in mammalian and Drosophila embryos. Seminars in Developmental Biology, 1995, 6, 39-46.	1.3	5
152	Sorting of the Gastric H,K-ATPase in Endocrine and Epithelial Cells. Annals of the New York Academy of Sciences, 1994, 733, 212-222.	3.8	4
153	Chapter 8 Synthesis and Sorting of Ion Pumps in Polarized Cells. Current Topics in Membranes, 1994, 41, 143-168.	0.9	2
154	Sorting of ion transport proteins in polarized cells. Journal of Cell Science, 1993, 1993, 13-20.	2.0	11
155	Cell surface biotinylation in the determination of epithelial membrane polarity. Cytotechnology, 1992, 14, 173-180.	0.3	24
156	Chapter 2 Biogenesis and Sorting of Plasma Membrane Proteins. Current Topics in Membranes, 1991, 39, 37-86.	0.9	5
157	Dependence on pH of polarized sorting of secreted proteins. Nature, 1987, 329, 632-635.	27.8	199
158	Evidence for a high and specific concentration of (Na+,K+)ATPase in the plasma membrane of the osteoclast. Cell, 1986, 46, 311-320.	28.9	103
159	Intracellular sorting and polarized cell surface delivery of (Na+,K+)ATPase, an endogenous component of MDCK cell basolateral plasma membranes. Cell, 1986, 46, 623-631.	28.9	234
160	Monoclonal antibody to Na,K-ATPase: Immunocytochemical localization along nephron segments. Kidney International, 1985, 28, 899-913.	5.2	266