

# Michael J Caplan

## List of Publications by Citations

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49  
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89  
g-index

166  
ext. papers

9,109  
ext. citations

8  
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L-index

#	Paper	IF	Citations
147	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> , <b>2013</b> , 110, 4410-5	11.5	640
146	Curcumin, a major constituent of turmeric, corrects cystic fibrosis defects. <i>Science</i> , <b>2004</b> , 304, 600-2	33.3	473
145	Exosome release of $\beta$ -catenin: a novel mechanism that antagonizes Wnt signaling. <i>Journal of Cell Biology</i> , <b>2010</b> , 190, 1079-91	7.3	379
144	The uptake and intracellular fate of PLGA nanoparticles in epithelial cells. <i>Biomaterials</i> , <b>2009</b> , 30, 2790-8	15.6	331
143	Regulation of myocardial glucose uptake and transport during ischemia and energetic stress. <i>American Journal of Cardiology</i> , <b>1999</b> , 83, 25H-30H	3	252
142	Monoclonal antibody to Na,K-ATPase: immunocytochemical localization along nephron segments. <i>Kidney International</i> , <b>1985</b> , 28, 899-913	9.9	241
141	Inflammasome-activating nanoparticles as modular systems for optimizing vaccine efficacy. <i>Vaccine</i> , <b>2009</b> , 27, 3013-21	4.1	235
140	Mechanical stimuli induce cleavage and nuclear translocation of the polycystin-1 C terminus. <i>Journal of Clinical Investigation</i> , <b>2004</b> , 114, 1433-43	15.9	219
139	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> , <b>2006</b> , 103, 17272-7	11.5	214
138	Intracellular sorting and polarized cell surface delivery of (Na <sup>+</sup> ,K <sup>+</sup> )ATPase, an endogenous component of MDCK cell basolateral plasma membranes. <i>Cell</i> , <b>1986</b> , 46, 623-31	56.2	209
137	Activating AMP-activated protein kinase (AMPK) slows renal cystogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 2462-7	11.5	208
136	The cell biology of polycystic kidney disease. <i>Journal of Cell Biology</i> , <b>2010</b> , 191, 701-10	7.3	183
135	Calcium-pump inhibitors induce functional surface expression of Delta F508-CFTR protein in cystic fibrosis epithelial cells. <i>Nature Medicine</i> , <b>2002</b> , 8, 485-92	50.5	179
134	Dependence on pH of polarized sorting of secreted proteins. <i>Nature</i> , <b>1987</b> , 329, 632-5	50.4	177
133	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> , <b>2009</b> , 106, 2059-64	11.5	169
132	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> , <b>2013</b> , 132, 170-81	11.5	150
131	Low-flow ischemia leads to translocation of canine heart GLUT-4 and GLUT-1 glucose transporters to the sarcolemma in vivo. <i>Circulation</i> , <b>1997</b> , 95, 415-22	16.7	146

130	Polycystin-1 C-terminal tail associates with beta-catenin and inhibits canonical Wnt signaling. <i>Human Molecular Genetics</i> , <b>2008</b> , 17, 3105-17	5.6	142
129	Macrophages promote cyst growth in polycystic kidney disease. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2011</b> , 22, 1809-14	12.7	137
128	Transport protein trafficking in polarized cells. <i>Annual Review of Cell and Developmental Biology</i> , <b>2003</b> , 19, 333-66	12.6	107
127	Partial correction of cystic fibrosis defects with PLGA nanoparticles encapsulating curcumin. <i>Molecular Pharmaceutics</i> , <b>2010</b> , 7, 86-93	5.6	103
126	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> , <b>1998</b> , 273, 26862-9	5.4	99
125	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> , <b>1997</b> , 90, 501-10	56.2	97
124	Polycystin-2 and phosphodiesterase 4C are components of a ciliary A-kinase anchoring protein complex that is disrupted in cystic kidney diseases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 10679-84	11.5	96
123	TLR9-targeted biodegradable nanoparticles as immunization vectors protect against West Nile encephalitis. <i>Journal of Immunology</i> , <b>2010</b> , 185, 2989-97	5.3	95
122	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> , <b>2003</b> , 100, 15560-5	11.5	95
121	Evidence for a high and specific concentration of (Na <sup>+</sup> ,K <sup>+</sup> )ATPase in the plasma membrane of the osteoclast. <i>Cell</i> , <b>1986</b> , 46, 311-20	56.2	89
120	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> , <b>1998</b> , 273, 25616-27	5.4	83
119	Cell-specific sorting of biogenic amine transporters expressed in epithelial cells. <i>Journal of Biological Chemistry</i> , <b>1996</b> , 271, 18100-6	5.4	83
118	Membrane proteins follow multiple pathways to the basolateral cell surface in polarized epithelial cells. <i>Journal of Cell Biology</i> , <b>2009</b> , 186, 269-82	7.3	74
117	Polycystin-1 distribution is modulated by polycystin-2 expression in mammalian cells. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 36786-93	5.4	73
116	Metabolism and mitochondria in polycystic kidney disease research and therapy. <i>Nature Reviews Nephrology</i> , <b>2018</b> , 14, 678-687	14.9	72
115	Na <sup>+</sup> ,K <sup>+</sup> -ATPase in the choroid plexus. Regulation by serotonin/protein kinase C pathway. <i>Journal of Biological Chemistry</i> , <b>1995</b> , 270, 2427-30	5.4	71
114	A transmembrane segment determines the steady-state localization of an ion-transporting adenosine triphosphatase. <i>Journal of Cell Biology</i> , <b>2000</b> , 148, 769-78	7.3	70
113	Regulated intramembrane proteolysis: signaling pathways and biological functions. <i>Physiology</i> , <b>2011</b> , 26, 34-44	9.8	69

112	Additive effects of hyperinsulinemia and ischemia on myocardial GLUT1 and GLUT4 translocation in vivo. <i>Circulation</i> , <b>1998</b> , 98, 2180-6	16.7	68
111	Trafficking to the apical and basolateral membranes in polarized epithelial cells. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2014</b> , 25, 1375-86	12.7	67
110	Preactivation of AMPK by metformin may ameliorate the epithelial cell damage caused by renal ischemia. <i>American Journal of Physiology - Renal Physiology</i> , <b>2011</b> , 301, F1346-57	4.3	67
109	Exon loss accounts for differential sorting of Na-K-Cl cotransporters in polarized epithelial cells. <i>Molecular Biology of the Cell</i> , <b>2008</b> , 19, 4341-51	3.5	66
108	Investigation of peanut oral immunotherapy with CpG/peanut nanoparticles in a murine model of peanut allergy. <i>Journal of Allergy and Clinical Immunology</i> , <b>2016</b> , 138, 536-543.e4	11.5	65
107	Ion pumps in polarized cells: sorting and regulation of the Na <sup>+</sup> , K <sup>+</sup> - and H <sup>+</sup> , K <sup>+</sup> -ATPases. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 29617-20	5.4	62
106	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> , <b>2010</b> , 21, 4338-48	3.5	57
105	Sorting of two polytopic proteins, the gamma-aminobutyric acid and betaine transporters, in polarized epithelial cells. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 6584-92	5.4	57
104	Polycystin-1 Is a Cardiomyocyte Mechanosensor That Governs L-Type Ca <sup>2+</sup> Channel Protein Stability. <i>Circulation</i> , <b>2015</b> , 131, 2131-42	16.7	56
103	The Bsecretase cleavage product of polycystin-1 regulates TCF and CHOP-mediated transcriptional activation through a p300-dependent mechanism. <i>Developmental Cell</i> , <b>2012</b> , 22, 197-210	10.2	56
102	CFTR is required for PKA-regulated ATP sensitivity of Kir1.1 potassium channels in mouse kidney. <i>Journal of Clinical Investigation</i> , <b>2006</b> , 116, 797-807	15.9	53
101	Polycystic kidney disease: pathogenesis and potential therapies. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2011</b> , 1812, 1337-43	6.9	51
100	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> , <b>2007</b> , 104, 16696-701	11.5	50
99	Polarized expression of GABA transporters in Madin-Darby canine kidney cells and cultured hippocampal neurons. <i>Journal of Biological Chemistry</i> , <b>1996</b> , 271, 6917-24	5.4	50
98	The polycystins are modulated by cellular oxygen-sensing pathways and regulate mitochondrial function. <i>Molecular Biology of the Cell</i> , <b>2017</b> , 28, 261-269	3.5	49
97	Artificial bacterial biomimetic nanoparticles synergize pathogen-associated molecular patterns for vaccine efficacy. <i>Biomaterials</i> , <b>2016</b> , 97, 85-96	15.6	49
96	ATP1A1, a member of the non-gastric H,K-ATPase family, functions as a sodium pump. <i>Journal of Biological Chemistry</i> , <b>1998</b> , 273, 27772-8	5.4	48
95	Everything You Always Wanted to Know about PAR * (* But Were Afraid to Ask). <i>Cells</i> , <b>2019</b> , 8,	7.9	47

94	AMP-activated protein kinase (AMPK) activation and glycogen synthase kinase-3 $\beta$ (GSK-3 $\beta$ ) inhibition induce Ca <sup>2+</sup> -independent deposition of tight junction components at the plasma membrane. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 16879-90	5-4	43
93	Polycystin-2 regulates proliferation and branching morphogenesis in kidney epithelial cells. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 137-44	5-4	43
92	The roles of carbohydrate chains of the beta-subunit on the functional expression of gastric H(+),K(+)-ATPase. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 8324-30	5-4	41
91	Aquaporin-2: COOH terminus is necessary but not sufficient for routing to the apical membrane. <i>American Journal of Physiology - Renal Physiology</i> , <b>2002</b> , 282, F330-40	4-3	37
90	The cell biology of ion pumps: sorting and regulation. <i>European Journal of Cell Biology</i> , <b>2000</b> , 79, 557-63	6-1	36
89	The NH(2)-terminus of norepinephrine transporter contains a basolateral localization signal for epithelial cells. <i>Molecular Biology of the Cell</i> , <b>2001</b> , 12, 3797-807	3-5	35
88	Activation of the Ca <sup>2+</sup> -sensing receptor induces deposition of tight junction components to the epithelial cell plasma membrane. <i>Journal of Cell Science</i> , <b>2013</b> , 126, 5132-42	5-3	32
87	AS160 associates with the Na <sup>+</sup> ,K <sup>+</sup> -ATPase and mediates the adenosine monophosphate-stimulated protein kinase-dependent regulation of sodium pump surface expression. <i>Molecular Biology of the Cell</i> , <b>2010</b> , 21, 4400-8	3-5	32
86	Arrestins and spinophilin competitively regulate Na <sup>+</sup> ,K <sup>+</sup> -ATPase trafficking through association with a large cytoplasmic loop of the Na <sup>+</sup> ,K <sup>+</sup> -ATPase. <i>Molecular Biology of the Cell</i> , <b>2007</b> , 18, 4508-18	3-5	31
85	Polycystin-1 C-terminal cleavage is modulated by polycystin-2 expression. <i>Journal of Biological Chemistry</i> , <b>2009</b> , 284, 21011-26	5-4	30
84	The C-terminal tail of the polycystin-1 protein interacts with the Na,K-ATPase alpha-subunit. <i>Molecular Biology of the Cell</i> , <b>2005</b> , 16, 5087-93	3-5	29
83	Implications of AMPK in the Formation of Epithelial Tight Junctions. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6-3	27
82	MAL/VIP17, a new player in the regulation of NKCC2 in the kidney. <i>Molecular Biology of the Cell</i> , <b>2010</b> , 21, 3985-97	3-5	27
81	Polarized traffic towards the cell surface: how to find the route. <i>Biology of the Cell</i> , <b>2009</b> , 102, 75-91	3-5	25
80	Polycystin-1 cleavage and the regulation of transcriptional pathways. <i>Pediatric Nephrology</i> , <b>2014</b> , 29, 505-11	3-2	24
79	Protein trafficking in polarized cells. <i>International Review of Cell and Molecular Biology</i> , <b>2008</b> , 270, 145-75		24
78	Sorting of H,K-ATPase beta-subunit in MDCK and LLC-PK cells is independent of mu 1B adaptin expression. <i>Traffic</i> , <b>2004</b> , 5, 449-61	5-7	24
77	Gastric parietal cell acid secretion in mice can be regulated independently of H/K ATPase endocytosis. <i>Gastroenterology</i> , <b>2004</b> , 127, 145-54	13-3	24

76	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> , <b>2000</b> , 275, 1749-56	5-4	24
75	Protein phosphatase 2A interacts with the Na,K-ATPase and modulates its trafficking by inhibition of its association with arrestin. <i>PLoS ONE</i> , <b>2011</b> , 6, e29269	3-7	24
74	POSH stimulates the ubiquitination and the clathrin-independent endocytosis of ROMK1 channels. <i>Journal of Biological Chemistry</i> , <b>2009</b> , 284, 29614-24	5-4	21
73	Ligand-modified gene carriers increased uptake in target cells but reduced DNA release and transfection efficiency. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2010</b> , 6, 334-43	6	21
72	Cell surface biotinylation in the determination of epithelial membrane polarity. <i>Cytotechnology</i> , <b>1992</b> , 14, 173-180		21
71	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> , <b>2008</b> , 283, 7674-81	5-4	20
70	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> , <b>2004</b> , 286, C1071-7	5-4	20
69	Epithelial morphogenesis of MDCK cells in three-dimensional collagen culture is modulated by interleukin-8. <i>American Journal of Physiology - Cell Physiology</i> , <b>2013</b> , 304, C966-75	5-4	19
68	Ion pump-interacting proteins: promising new partners. <i>Annals of the New York Academy of Sciences</i> , <b>2003</b> , 986, 360-8	6-5	19
67	Interactions between $\beta$ -catenin and the HSlo potassium channel regulates HSlo surface expression. <i>PLoS ONE</i> , <b>2011</b> , 6, e28264	3-7	18
66	Extracellular domains, transmembrane segments, and intracellular domains interact to determine the cation selectivity of Na,K- and gastric H,K-ATPase. <i>Biochemistry</i> , <b>2002</b> , 41, 9803-12	3-2	18
65	Renal cystic disease proteins play critical roles in the organization of the olfactory epithelium. <i>PLoS ONE</i> , <b>2011</b> , 6, e19694	3-7	18
64	Knockdown of ezrin causes intrahepatic cholestasis by the dysregulation of bile fluidity in the bile duct epithelium in mice. <i>Hepatology</i> , <b>2015</b> , 61, 1660-71	11.2	17
63	Lymphocytes accelerate epithelial tight junction assembly: role of AMP-activated protein kinase (AMPK). <i>PLoS ONE</i> , <b>2010</b> , 5, e12343	3-7	17
62	The cytoplasmic tail dileucine motif LL572 determines the glycosylation pattern of membrane-type 1 matrix metalloproteinase. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 35410-8	5-4	17
61	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> , <b>2001</b> , 276, 9133-40	5-4	16
60	Differential localization of human nongastric H(+)-K(+)-ATPase ATP1AL1 in polarized renal epithelial cells. <i>American Journal of Physiology - Renal Physiology</i> , <b>2000</b> , 279, F417-25	4-3	16
59	Tetraspan proteins: regulators of renal structure and function. <i>Current Opinion in Nephrology and Hypertension</i> , <b>2007</b> , 16, 353-8	3-5	15

58	Effects of okadaic acid, calyculin A, and PDBu on state of phosphorylation of rat renal Na <sup>+</sup> -K <sup>+</sup> -ATPase. <i>American Journal of Physiology - Renal Physiology</i> , <b>1998</b> , 275, F863-9	4.3	15
57	Cation selectivity of gastric H,K-ATPase and Na,K-ATPase chimeras. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 18374-81	5.4	15
56	Akt Substrate of 160 kD Regulates Na <sup>+</sup> ,K <sup>+</sup> -ATPase Trafficking in Response to Energy Depletion and Renal Ischemia. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2015</b> , 26, 2765-76	12.7	14
55	Epithelial junctions and polarity: complexes and kinases. <i>Current Opinion in Nephrology and Hypertension</i> , <b>2008</b> , 17, 506-12	3.5	14
54	Developmental lung malformations in children: recent advances in imaging techniques, classification system, and imaging findings. <i>Journal of Thoracic Imaging</i> , <b>2015</b> , 30, 29-43; quiz 44-5	5.6	13
53	The periciliary ring in polarized epithelial cells is a hot spot for delivery of the apical protein gp135. <i>Journal of Cell Biology</i> , <b>2015</b> , 211, 287-94	7.3	13
52	Chemical and Physical Sensors in the Regulation of Renal Function. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , <b>2015</b> , 10, 1626-35	6.9	13
51	A tyrosine-based signal regulates H-K-ATPase-mediated potassium reabsorption in the kidney. <i>American Journal of Physiology - Renal Physiology</i> , <b>1998</b> , 275, F818-26	4.3	13
50	Polycystin-1 regulates bone development through an interaction with the transcriptional coactivator TAZ. <i>Human Molecular Genetics</i> , <b>2019</b> , 28, 16-30	5.6	13
49	Gastric H <sup>+</sup> /K <sup>+</sup> -ATPase: targeting signals in the regulation of physiologic function. <i>Current Opinion in Cell Biology</i> , <b>1998</b> , 10, 468-73	9	11
48	Association with {beta}-COP regulates the trafficking of the newly synthesized Na,K-ATPase. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 33737-46	5.4	10
47	Novel sensory signaling systems in the kidney. <i>Current Opinion in Nephrology and Hypertension</i> , <b>2012</b> , 21, 404-9	3.5	10
46	The future of the pump. <i>Journal of Clinical Gastroenterology</i> , <b>2007</b> , 41 Suppl 2, S217-22	3	10
45	Chloride channels regulate differentiation and barrier functions of the mammalian airway. <i>ELife</i> , <b>2020</b> , 9,	8.9	10
44	Newly synthesized polycystin-1 takes different trafficking pathways to the apical and ciliary membranes. <i>Traffic</i> , <b>2018</b> , 19, 933-945	5.7	9
43	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> , <b>2015</b> , 26, 4401-11	3.5	9
42	Sorting of ion transport proteins in polarized cells. <i>Journal of Cell Science</i> , <b>1993</b> , 17, 13-20	5.3	9
41	VIP17/MAL expression modulates epithelial cyst formation and ciliogenesis. <i>American Journal of Physiology - Cell Physiology</i> , <b>2012</b> , 303, C862-71	5.4	8

40	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> , <b>2006</b> , 18, 75-84	3.9	7
39	Ion pump sorting in polarized renal epithelial cells. <i>Kidney International</i> , <b>2001</b> , 60, 427-30	9.9	7
38	The secretory pathway at 50: a golden anniversary for some momentous grains of silver. <i>Molecular Biology of the Cell</i> , <b>2017</b> , 28, 229-232	3.5	6
37	Incidental mucocele of the appendix in a 15-year-old girl. <i>Pediatric Emergency Care</i> , <b>2014</b> , 30, 555-7	1.4	6
36	Detecting the surface localization and cytoplasmic cleavage of membrane-bound proteins. <i>Methods in Cell Biology</i> , <b>2009</b> , 94, 223-39	1.8	6
35	Sorting of ion pumps in polarized epithelial cells. <i>Annals of the New York Academy of Sciences</i> , <b>1997</b> , 834, 514-23	6.5	6
34	Sorting and trafficking of ion transport proteins in polarized epithelial cells. <i>Current Opinion in Nephrology and Hypertension</i> , <b>1997</b> , 6, 455-9	3.5	5
33	The generation of epithelial polarity in mammalian and Drosophila embryos. <i>Seminars in Developmental Biology</i> , <b>1995</b> , 6, 39-46		5
32	Chapter 2 Biogenesis and Sorting of Plasma Membrane Proteins. <i>Current Topics in Membranes</i> , <b>1991</b> , 39, 37-86	2.2	5
31	Mechanisms involved in AMPK-mediated deposition of tight junction components to the plasma membrane. <i>American Journal of Physiology - Cell Physiology</i> , <b>2020</b> , 318, C486-C501	5.4	4
30	Newly synthesized and recycling pools of the apical protein gp135 do not occupy the same compartments. <i>Traffic</i> , <b>2016</b> , 17, 1272-1285	5.7	4
29	Sorting of the gastric H,K-ATPase in endocrine and epithelial cells. <i>Annals of the New York Academy of Sciences</i> , <b>1994</b> , 733, 212-22	6.5	4
28	SNAP-tag to monitor trafficking of membrane proteins in polarized epithelial cells. <i>Methods in Molecular Biology</i> , <b>2014</b> , 1174, 171-82	1.4	4
27	Dystroglycan and AMP kinase: polarity's protectors when the power goes out. <i>Developmental Cell</i> , <b>2009</b> , 16, 1-2	10.2	3
26	Physiology and Physiology: Back to the Future. <i>Physiology</i> , <b>2004</b> , 19, 232-232	9.8	3
25	A cut above (and below): Protein cleavage in the regulation of polycystin trafficking and signaling. <i>Cellular Signalling</i> , <b>2020</b> , 72, 109634	4.9	3
24	Expression of neurotransmitter transport systems in polarized cells. <i>Methods in Enzymology</i> , <b>1998</b> , 296, 370-88	1.7	2
23	Chapter 8 Synthesis and Sorting of Ion Pumps in Polarized Cells. <i>Current Topics in Membranes</i> , <b>1994</b> , 41, 143-168	2.2	2



22	The Polycystin Complex Reveals Its Complexity. <i>Biochemistry</i> , <b>2018</b> , 57, 6917-6918	3.2	2
21	Autosomal Dominant Polycystic Kidney Disease <b>2013</b> , 2645-2688		1
20	AMPK and Polycystic Kidney Disease Drug Development: An Interesting Off-Target Target.. <i>Frontiers in Medicine</i> , <b>2022</b> , 9, 753418	4.9	1
19	Holding open the door reveals a new view of polycystin channel function. <i>EMBO Reports</i> , <b>2019</b> , 20, e491365	3.6	1
18	β adrenergic receptor as potential therapeutic target in ADPKD. <i>Physiological Reports</i> , <b>2021</b> , 9, e15058	2.6	0
17	Polycystin 1 is an atypical adhesion GPCR that responds to non-canonical WNT signals and inhibits GSK3β <i>FASEB Journal</i> , <b>2019</b> , 33, 863.10	0.9	0
16	2016 Robert W. Berliner Award for Excellence in Renal Physiology. <i>American Journal of Physiology - Renal Physiology</i> , <b>2016</b> , 310, F803-F804	4.3	
15	Epithelial Cell Structure and Polarity <b>2013</b> , 3-43		
14	Epithelial Cell Polarity: Challenges and Methodologies <b>1997</b> , 665-688		
13	Epithelial Cell Structure and Polarity <b>2008</b> , 1-34		
12	Cell biology of ABC transporters. <i>Kidney International</i> , <b>2002</b> , 62, 1514-1515	9.9	
11	Signals and Mechanisms of Sorting in Epithelial Polarity. <i>Advances in Molecular and Cell Biology</i> , <b>1998</b> , 95-131		
10	Autosomal Dominant Polycystic Kidney Disease and Inherited Cystic Diseases <b>2008</b> , 2283-2313		
9	POSH decreases ROMK1 channel activity through stimulating clathrin-independent and dynamin-dependent endocytosis.. <i>FASEB Journal</i> , <b>2008</b> , 22, 1180.1	0.9	
8	Apical membrane expression of NKCC2 is directed by a domain within its cytoplasmic C-terminus. <i>FASEB Journal</i> , <b>2008</b> , 22, 935.4	0.9	
7	Novel protein trafficking and signaling pathways in kidney physiology and pathophysiology. <i>FASEB Journal</i> , <b>2019</b> , 33, 20.2	0.9	
6	The periciliary ring in polarized epithelial cells is a hot spot for delivery of the apical protein gp135. <i>Journal of General Physiology</i> , <b>2015</b> , 146, 1466OIA69	3.4	
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