

# Dennis Brown

## List of Publications by Year in descending order

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140  
papers

9,717  
citations

26630

56  
h-index

38395

95  
g-index

146  
all docs

146  
docs citations

146  
times ranked

8492  
citing authors

#	ARTICLE	IF	CITATIONS
1	A non-dividing cell population with high pyruvate dehydrogenase kinase activity regulates metabolic heterogeneity and tumorigenesis in the intestine. <i>Nature Communications</i> , 2022, 13, 1503.	12.8	22
2	Simultaneous stabilization of actin cytoskeleton in multiple nephron-specific cells protects the kidney from diverse injury. <i>Nature Communications</i> , 2022, 13, 2422.	12.8	9
3	V-ATPase Domain Assembly is Increased in Ncoa7 KO Mice. <i>FASEB Journal</i> , 2022, 36, .	0.5	0
4	The H <sup>+</sup> -ATPase (V-ATPase): from proton pump to signaling complex in health and disease. <i>American Journal of Physiology - Cell Physiology</i> , 2021, 320, C392-C414.	4.6	71
5	The Evolutionarily Conserved TLDc Domain Defines a New Class of V-ATPase Interacting Proteins. <i>FASEB Journal</i> , 2021, 35, .	0.5	0
6	Actin-related protein 2/3 complex plays a critical role in the aquaporin-2 exocytotic pathway. <i>American Journal of Physiology - Renal Physiology</i> , 2021, 321, F179-F194.	2.7	6
7	Targeting the Trafficking of Kidney Water Channels for Therapeutic Benefit. <i>Annual Review of Pharmacology and Toxicology</i> , 2020, 60, 175-194.	9.4	34
8	Adhesion-PCR Gpr116 (ADGRF5) expression inhibits renal acid secretion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 26470-26481.	7.1	24
9	Chlorpromazine Induces Basolateral Aquaporin-2 Accumulation via F-Actin Depolymerization and Blockade of Endocytosis in Renal Epithelial Cells. <i>Cells</i> , 2020, 9, 1057.	4.1	14
10	Proinflammatory P2Y14 receptor inhibition protects against ischemic acute kidney injury in mice. <i>Journal of Clinical Investigation</i> , 2020, 130, 3734-3749.	8.2	60
11	Inhibition of actin-related protein (Arp) 2/3 complex blocks vasopressin-induced AQP2 membrane accumulation. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0
12	Aquaporin Function: Seek and You Shall Find!. <i>Function</i> , 2020, 2, zqaa041.	2.3	0
13	Sex-dependent differences in water homeostasis in wild-type and V-ATPase B1-subunit deficient mice. <i>PLoS ONE</i> , 2019, 14, e0219940.	2.5	8
14	Meiotic gatekeeper STRA8 suppresses autophagy by repressing Nr1d1 expression during spermatogenesis in mice. <i>PLoS Genetics</i> , 2019, 15, e1008084.	3.5	47
15	Unravelling purinergic regulation in the epididymis: activation of V-ATPase-dependent acidification by luminal ATP and adenosine. <i>Journal of Physiology</i> , 2019, 597, 1957-1973.	2.9	23
16	Inhibition of non-receptor tyrosine kinase Src induces phosphoserine 256-independent aquaporin membrane accumulation. <i>Journal of Physiology</i> , 2019, 597, 1627-1642.	2.9	22
17	Neprilysin colocalizes with the V-ATPase in kidney A-type intercalated cells: possible role in urinary acidification. <i>FASEB Journal</i> , 2019, 33, 544.13.	0.5	0
18	Reply to Edemir: Physiological regulation and single-cell RNA sequencing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E351-E352.	7.1	1

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19	The ammonia transporter RhCG modulates urinary acidification by interacting with the vacuolar proton-ATPases in renal intercalated cells. <i>Kidney International</i> , 2018, 93, 390-402.	5.2	13
20	Extracellular Adenosine Stimulates Vacuolar ATPase-Dependent Proton Secretion in Medullary Intercalated Cells. <i>Journal of the American Society of Nephrology: JASN</i> , 2018, 29, 545-556.	6.1	22
21	Novel Proinflammatory Function of Renal Intercalated Cells. <i>Annals of Nutrition and Metabolism</i> , 2018, 72, 11-16.	1.9	15
22	Protein phosphatase 2C is responsible for VP-induced dephosphorylation of AQP2 serine 261. <i>American Journal of Physiology - Renal Physiology</i> , 2017, 313, F404-F413.	2.7	23
23	Macrophages Facilitate Electrical Conduction in the Heart. <i>Cell</i> , 2017, 169, 510-522.e20.	28.9	703
24	Covalent Modulators of the Vacuolar ATPase. <i>Journal of the American Chemical Society</i> , 2017, 139, 639-642.	13.7	39
25	Intercalated Cell Depletion and Vacuolar H <sup>+</sup> -ATPase Mistargeting in an Ae1 R607H Knockin Model. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 1507-1520.	6.1	36
26	Transcriptomes of major renal collecting duct cell types in mouse identified by single-cell RNA-seq. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E9989-E9998.	7.1	198
27	Direct interaction of ezrin and AQP2 and its role in AQP2 trafficking. <i>Journal of Cell Science</i> , 2017, 130, 2914-2925.	2.0	28
28	APS Takes a Look in the Mirror. <i>Physiology</i> , 2016, 31, 384-385.	3.1	1
29	EGF Receptor Inhibition by Erlotinib Increases Aquaporin 2-Mediated Renal Water Reabsorption. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 3105-3116.	6.1	44
30	Characterization of the putative phosphorylation sites of the AQP2 C terminus and their role in AQP2 trafficking in LLC-PK <sub>1</sub> cells. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 309, F673-F679.	2.7	27
31	Mapping the H <sup>+</sup> (V)-ATPase interactome: identification of proteins involved in trafficking, folding, assembly and phosphorylation. <i>Scientific Reports</i> , 2015, 5, 14827.	3.3	98
32	Renal Intercalated Cells Sense and Mediate Inflammation via the P2Y <sub>14</sub> Receptor. <i>PLoS ONE</i> , 2015, 10, e0121419.	2.5	72
33	Ionic imbalance, in addition to molecular crowding, abates cytoskeletal dynamics and vesicle motility during hypertonic stress. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E3104-13.	7.1	42
34	Characterizing the Interactions of Organic Nanoparticles with Renal Epithelial Cells <i>in Vivo</i> . <i>ACS Nano</i> , 2015, 9, 3641-3653.	14.6	54
35	V <sub>a</sub> -ATPase B1 Subunit Knockout Mice Have A Gender-Dependent Defect In Urine Concentrating Ability. <i>FASEB Journal</i> , 2015, 29, 962.4.	0.5	0
36	Erlotinib, an EGF receptor antagonist, induces aquaporin 2 (AQP2) phosphorylation and increases water reabsorption in lithium treated mice. <i>FASEB Journal</i> , 2015, 29, 809.16.	0.5	0

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37	Nanoparticle Interactions With Renal Epithelial Cells in vivo. <i>FASEB Journal</i> , 2015, 29, 664.4.	0.5	0
38	High-throughput chemical screening identifies AG-490 as a stimulator of aquaporin 2 membrane expression and urine concentration. <i>American Journal of Physiology - Cell Physiology</i> , 2014, 307, C597-C605.	4.6	20
39	CFTR interacts with ZO-1 to regulate tight junction assembly and epithelial differentiation via the ZONAB pathway. <i>Journal of Cell Science</i> , 2014, 127, 4396-408.	2.0	89
40	High-resolution helium ion microscopy of epididymal epithelial cells and their interaction with spermatozoa. <i>Molecular Human Reproduction</i> , 2014, 20, 929-937.	2.8	36
41	Noncanonical Control of Vasopressin Receptor Type 2 Signaling by Retromer and Arrestin. <i>Journal of Biological Chemistry</i> , 2013, 288, 27849-27860.	3.4	185
42	Basolateral targeting and microtubule-dependent transcytosis of the aquaporin-2 water channel. <i>American Journal of Physiology - Cell Physiology</i> , 2013, 304, C38-C48.	4.6	57
43	Altered V-ATPase expression in renal intercalated cells isolated from B1 subunit-deficient mice by fluorescence-activated cell sorting. <i>American Journal of Physiology - Renal Physiology</i> , 2013, 304, F522-F532.	2.7	30
44	Regulation of Luminal Acidification by the V-ATPase. <i>Physiology</i> , 2013, 28, 318-329.	3.1	159
45	High Resolution Helium Ion Scanning Microscopy of the Rat Kidney. <i>PLoS ONE</i> , 2013, 8, e57051.	2.5	77
46	Vacuolar proton pump a4 subunit is critical for inner ear development and renal function. <i>FASEB Journal</i> , 2013, 27, 1115.24.	0.5	0
47	Autophagy is induced by hypertonic stress and is associated with microtubule-dependent pericentrosomal clustering of autolysosomes. <i>FASEB Journal</i> , 2013, 27, 728.2.	0.5	0
48	The choroid plexus regulation of cerebrospinal fluid pH. <i>FASEB Journal</i> , 2013, 27, 730.11.	0.5	0
49	New insights into the dynamic regulation of water and acid-base balance by renal epithelial cells. <i>American Journal of Physiology - Cell Physiology</i> , 2012, 302, C1421-C1433.	4.6	59
50	AQP2 is necessary for vasopressin- and forskolin-mediated filamentous actin depolymerization in renal epithelial cells. <i>Biology Open</i> , 2012, 1, 101-108.	1.2	32
51	Molecular Mechanisms of Acid-Base Sensing by the Kidney. <i>Journal of the American Society of Nephrology: JASN</i> , 2012, 23, 774-780.	6.1	78
52	Differential, Phosphorylation Dependent Trafficking of AQP2 in LLC-PK1 Cells. <i>PLoS ONE</i> , 2012, 7, e32843.	2.5	44
53	Loss of the V-ATPase B1 Subunit Isoform Expressed in Non-Neuronal Cells of the Mouse Olfactory Epithelium Impairs Olfactory Function. <i>PLoS ONE</i> , 2012, 7, e45395.	2.5	16
54	Aquaporin 2 Promotes Cell Migration and Epithelial Morphogenesis. <i>Journal of the American Society of Nephrology: JASN</i> , 2012, 23, 1506-1517.	6.1	68

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55	The Cell Biology of Vasopressin Action. , 2012, , 353-383.		4
56	Regulation of V-ATPase recycling via a RhoA- and ROCKII-dependent pathway in epididymal clear cells. American Journal of Physiology - Cell Physiology, 2011, 301, C31-C43.	4.6	31
57	Simvastatin enhances aquaporin-2 surface expression and urinary concentration in vasopressin-deficient Brattleboro rats through modulation of Rho GTPase. American Journal of Physiology - Renal Physiology, 2011, 301, F309-F318.	2.7	87
58	Calcitonin Has a Vasopressin-like Effect on Aquaporin-2 Trafficking and Urinary Concentration. Journal of the American Society of Nephrology: JASN, 2011, 22, 59-72.	6.1	57
59	Is caveolin involved in normal proximal tubule function? Presence in model PT systems but absence in situ. American Journal of Physiology - Renal Physiology, 2011, 300, F199-F206.	2.7	41
60	Angiotensin II Stimulates H <sup>+</sup> -ATPase Activity in Intercalated Cells from Isolated Mouse Connecting Tubules and Cortical Collecting Ducts. Cellular Physiology and Biochemistry, 2011, 28, 513-520.	1.6	28
61	Aldosterone stimulates vacuolar H <sup>+</sup> -ATPase activity in renal acid-secretory intercalated cells mainly via a protein kinase C-dependent pathway. American Journal of Physiology - Cell Physiology, 2011, 301, C1251-C1261.	4.6	47
62	Aldolase directly interacts with ARNO and modulates cell morphology and acidic vesicle distribution. American Journal of Physiology - Cell Physiology, 2011, 300, C1442-C1455.	4.6	74
63	AQP2 is Necessary for Vasopressin Mediated Filamentous Actin Depolymerization in Renal Epithelial Cells. FASEB Journal, 2011, 25, lb623.	0.5	0
64	Role of purinergic signaling pathways in V-ATPase recruitment to apical membrane of acidifying epididymal clear cells. American Journal of Physiology - Cell Physiology, 2010, 298, C817-C830.	4.6	59
65	cAMP stimulates apical V-ATPase accumulation, microvillar elongation, and proton extrusion in kidney collecting duct A-intercalated cells. American Journal of Physiology - Renal Physiology, 2010, 298, F643-F654.	2.7	102
66	Deletion of hensin/DMBT1 blocks conversion of $\hat{I}^2$ - to $\hat{I}^{\pm}$ -intercalated cells and induces distal renal tubular acidosis. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 21872-21877.	7.1	87
67	Proteomic analysis of V-ATPase-rich cells harvested from the kidney and epididymis by fluorescence-activated cell sorting. American Journal of Physiology - Cell Physiology, 2010, 298, C1326-C1342.	4.6	41
68	The absence of a clathrin adapter confers unique polarity essential to proximal tubule function. Kidney International, 2010, 78, 382-388.	5.2	45
69	Actin cytoskeleton remodeling by RhoA and ROCKII regulates vacuolar H <sup>+</sup> -ATPase (V <sup>+</sup> ATPase) recycling in epididymal clear cells. FASEB Journal, 2010, 24, 1002.10.	0.5	0
70	Regulation of Vacuolar H <sup>+</sup> -ATPase (V-ATPase) Recycling Via a RhoA- and ROCKII-Dependent Pathway in Epididymal Clear Cells.. Biology of Reproduction, 2010, 83, 87-87.	2.7	0
71	The V-ATPase B1-subunit promoter drives expression of Cre recombinase in intercalated cells of the kidney. Kidney International, 2009, 75, 435-439.	5.2	49
72	Regulation of the V-ATPase in kidney epithelial cells: dual role in acid-base homeostasis and vesicle trafficking. Journal of Experimental Biology, 2009, 212, 1762-1772.	1.7	128

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73	Regulation of luminal acidification in the male reproductive tract <i>via</i> cell-cell crosstalk. Journal of Experimental Biology, 2009, 212, 1753-1761.	1.7	108
74	Sensing, Signaling and Sorting Events in Kidney Epithelial Cell Physiology. Traffic, 2009, 10, 275-284.	2.7	56
75	V-ATPase/small GTPase/aldolase complex and regulation of endosomal/lysosomal protein degradative pathway. FASEB Journal, 2009, 23, 877.4.	0.5	0
76	Regulation of vacuolar H <sup>+</sup> -ATPase (V-ATPase) recycling via a RhoA-dependent pathway in epididymal clear cells. FASEB Journal, 2009, 23, 796.16.	0.5	0
77	Transepithelial Projections from Basal Cells Are Luminal Sensors in Pseudostratified Epithelia. Cell, 2008, 135, 1108-1117.	28.9	145
78	Bypassing Vasopressin Receptor Signaling Pathways in Nephrogenic Diabetes Insipidus. Seminars in Nephrology, 2008, 28, 266-278.	1.6	62
79	The phosphorylation state of serine 256 is dominant over that of serine 261 in the regulation of AQP2 trafficking in renal epithelial cells. American Journal of Physiology - Renal Physiology, 2008, 295, F290-F294.	2.7	91
80	V-ATPase expression in the mouse olfactory epithelium. American Journal of Physiology - Cell Physiology, 2008, 295, C923-C930.	4.6	32
81	Association of soluble adenylyl cyclase with the V-ATPase in renal epithelial cells. American Journal of Physiology - Renal Physiology, 2008, 294, F130-F138.	2.7	69
82	A fluorimetry-based ssYFP secretion assay to monitor vasopressin-induced exocytosis in LLC-PK <sub>1</sub> cells expressing aquaporin-2. American Journal of Physiology - Cell Physiology, 2008, 295, C1476-C1487.	4.6	46
83	Alkaline pH- and cAMP-induced V-ATPase membrane accumulation is mediated by protein kinase A in epididymal clear cells. American Journal of Physiology - Cell Physiology, 2008, 294, C488-C494.	4.6	82
84	Acute Hypertonicity Alters Aquaporin-2 Trafficking and Induces a MAPK-dependent Accumulation at the Plasma Membrane of Renal Epithelial Cells. Journal of Biological Chemistry, 2008, 283, 26643-26661.	3.4	55
85	Effects of the renal medullary pH and ionic environment on vasopressin binding and signaling. Kidney International, 2008, 74, 1557-1567.	5.2	18
86	Phosphorylation events and the modulation of aquaporin 2 cell surface expression. Current Opinion in Nephrology and Hypertension, 2008, 17, 491-498.	2.0	78
87	Expression and Functional Role of the Bradykinin Type 2 Receptor in Epididymal Principal Cells.. Biology of Reproduction, 2008, 78, 124-124.	2.7	0
88	Relocalization of the V-ATPase B2 subunit to the apical membrane of epididymal clear cells of mice deficient in the B1 subunit. American Journal of Physiology - Cell Physiology, 2007, 293, C199-C210.	4.6	49
89	Alix (AIP1) is a vasopressin receptor (V2R)-interacting protein that increases lysosomal degradation of the V2R. American Journal of Physiology - Renal Physiology, 2007, 292, F1303-F1313.	2.7	18
90	Compensatory membrane expression of the V-ATPase B2 subunit isoform in renal medullary intercalated cells of B1-deficient mice. American Journal of Physiology - Renal Physiology, 2007, 293, F1915-F1926.	2.7	60

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91	New insights into the regulation of V-ATPase-dependent proton secretion. American Journal of Physiology - Renal Physiology, 2007, 292, F1-F10.	2.7	122
92	Heat Shock Protein 70 Interacts with Aquaporin-2 and Regulates Its Trafficking. Journal of Biological Chemistry, 2007, 282, 28721-28732.	3.4	111
93	Protein Kinase A (PKA) Regulates Vacuolar H <sup>+</sup> -ATPase (V <sub>a</sub> -ATPase) Recycling in Epididymal Clear Cells. FASEB Journal, 2007, 21, A1337.	0.5	0
94	Aquaporin 2 (AQP2) and vasopressin type 2 receptor (V2R) endocytosis in kidney epithelial cells: AQP2 is located in $\beta$ -endocytosis-resistant <sup>TM</sup> membrane domains after vasopressin treatment. Biology of the Cell, 2006, 98, 215-232.	2.0	46
95	V-ATPase interacts with ARNO and Arf6 in early endosomes and regulates the protein degradative pathway. Nature Cell Biology, 2006, 8, 124-136.	10.3	430
96	Methyl- $\beta$ -cyclodextrin induces vasopressin-independent apical accumulation of aquaporin-2 in the isolated, perfused rat kidney. American Journal of Physiology - Renal Physiology, 2006, 291, F246-F253.	2.7	48
97	V <sub>a</sub> -ATPase Interacts with ARNO and Arf6 in Early Endosomes and Regulates the Protein Degradative Pathway. FASEB Journal, 2006, 20, .	0.5	1
98	V-ATPase B1-subunit promoter drives expression of EGFP in intercalated cells of kidney, clear cells of epididymis and airway cells of lung in transgenic mice. American Journal of Physiology - Cell Physiology, 2005, 288, C1134-C1144.	4.6	99
99	Stimulation of AQP2 membrane insertion in renal epithelial cells in vitro and in vivo by the cGMP phosphodiesterase inhibitor sildenafil citrate (Viagra). American Journal of Physiology - Renal Physiology, 2005, 288, F1103-F1112.	2.7	125
100	The B1-subunit of the H <sup>+</sup> -ATPase is required for maximal urinary acidification. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 13616-13621.	7.1	126
101	Modulation of the Actin Cytoskeleton via Gelsolin Regulates Vacuolar H <sup>+</sup> -ATPase Recycling. Journal of Biological Chemistry, 2005, 280, 8452-8463.	3.4	88
102	Inhibition of endocytosis causes phosphorylation (S256)-independent plasma membrane accumulation of AQP2. American Journal of Physiology - Renal Physiology, 2004, 286, F233-F243.	2.7	128
103	Renal Vacuolar H <sup>+</sup> -ATPase. Physiological Reviews, 2004, 84, 1263-1314.	28.8	397
104	Expression of the 56-kDa B2 subunit isoform of the vacuolar H <sup>+</sup> -ATPase in proton-secreting cells of the kidney and epididymis. American Journal of Physiology - Cell Physiology, 2004, 287, C149-C162.	4.6	80
105	Bicarbonate-regulated Adenylyl Cyclase (sAC) Is a Sensor That Regulates pH-dependent V-ATPase Recycling. Journal of Biological Chemistry, 2003, 278, 49523-49529.	3.4	202
106	Hypertonicity Is Involved in Redirecting the Aquaporin-2 Water Channel into the Basolateral, Instead of the Apical, Plasma Membrane of Renal Epithelial Cells. Journal of Biological Chemistry, 2003, 278, 1101-1107.	3.4	72
107	The ins and outs of aquaporin-2 trafficking. American Journal of Physiology - Renal Physiology, 2003, 284, F893-F901.	2.7	248
108	Functional role of the NPxxY motif in internalization of the type 2 vasopressin receptor in LLC-PK1 cells. American Journal of Physiology - Cell Physiology, 2003, 285, C750-C762.	4.6	54



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109	Physiological importance of endosomal acidification: potential role in proximal tubulopathies. <i>Current Opinion in Nephrology and Hypertension</i> , 2002, 11, 527-537.	2.0	91
110	Aquaporin-2 localization in clathrin-coated pits: inhibition of endocytosis by dominant-negative dynamin. <i>American Journal of Physiology - Renal Physiology</i> , 2002, 282, F998-F1011.	2.7	107
111	Absence of aquaporin-4 water channels from kidneys of the desert rodent <i>Dipodomys merriami merriami</i> . <i>American Journal of Physiology - Renal Physiology</i> , 2001, 280, F794-F802.	2.7	31
112	Remodeling the cellular profile of collecting ducts by chronic carbonic anhydrase inhibition. <i>American Journal of Physiology - Renal Physiology</i> , 2001, 280, F437-F448.	2.7	80
113	Intra-endosomal pH-sensitive Recruitment of the Arf-nucleotide Exchange Factor ARNO and Arf6 from Cytoplasm to Proximal Tubule Endosomes. <i>Journal of Biological Chemistry</i> , 2001, 276, 18540-18550.	3.4	132
114	Transcytosis of Retinol-Binding Protein across Renal Proximal Tubule Cells after Megalin (gp) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 T	6.1	64
115	Recycling of AQP2 occurs through a temperature- and bafilomycin-sensitive <i>trans-Golgi-associated</i> compartment. <i>American Journal of Physiology - Renal Physiology</i> , 2000, 278, F317-F326.	2.7	60
116	Long-term regulation of urea transporter expression by vasopressin in Brattleboro rats. <i>American Journal of Physiology - Renal Physiology</i> , 2000, 278, F620-F627.	2.7	34
117	Tetanus toxin-mediated cleavage of cellubrevin inhibits proton secretion in the male reproductive tract. <i>American Journal of Physiology - Renal Physiology</i> , 2000, 278, F717-F725.	2.7	53
118	Potassium depletion increases proton pump (H <sup>+</sup> -ATPase) activity in intercalated cells of cortical collecting duct. <i>American Journal of Physiology - Renal Physiology</i> , 2000, 279, F195-F202.	2.7	32
119	The B1 Subunit of the H <sup>+</sup> -ATPase Is a PDZ Domain-binding Protein. <i>Journal of Biological Chemistry</i> , 2000, 275, 18219-18224.	3.4	136
120	Nitric oxide and atrial natriuretic factor stimulate cGMP-dependent membrane insertion of aquaporin 2 in renal epithelial cells. <i>Journal of Clinical Investigation</i> , 2000, 106, 1115-1126.	8.2	206
121	Expression of NCAM recapitulates tubulogenic development in kidneys recovering from acute ischemia. <i>American Journal of Physiology - Renal Physiology</i> , 1999, 277, F454-F463.	2.7	59
122	Animal plasma membrane energization by proton-motive V-ATPases. <i>BioEssays</i> , 1999, 21, 637-648.	2.5	232
123	Localization of Sodium Bicarbonate Cotransporter (NBC) Protein and Messenger Ribonucleic Acid in Rat Epididymis1. <i>Biology of Reproduction</i> , 1999, 60, 573-579.	2.7	71
124	Animal plasma membrane energization by proton-motive V-ATPases. <i>BioEssays</i> , 1999, 21, 637-648.	2.5	4
125	Basolateral Distribution of Caveolin-1 in the Kidney: Absence from H <sup>+</sup> -ATPase-coated Endocytic Vesicles in Intercalated Cells. <i>Journal of Histochemistry and Cytochemistry</i> , 1998, 46, 205-214.	2.5	87
126	Immunoexpression of Aquaporin-1 in the Efferent Ducts of the Rat and Marmoset Monkey during Development, Its Modulation by Estrogens, and Its Possible Role in Fluid Resorption*. <i>Endocrinology</i> , 1998, 139, 3935-3945.	2.8	97



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127	Polarity, integrin, and extracellular matrix dynamics in the postischemic rat kidney. American Journal of Physiology - Cell Physiology, 1998, 275, C711-C731.	4.6	137
128	Localization of pH regulating proteins H <sup>+</sup> -ATPase and exchanger in the guinea pig inner ear. Hearing Research, 1997, 114, 21-34.	2.0	114
129	Immunolocalization of AE2 anion exchanger in rat kidney. American Journal of Physiology - Renal Physiology, 1997, 273, F601-F614.	2.7	63
130	Localization of the high-affinity glutamate transporter EAAC1 in rat kidney. American Journal of Physiology - Renal Physiology, 1997, 273, F1023-F1029.	2.7	30
131	Redistribution of villin to proximal tubule basolateral membranes after ischemia and reperfusion. American Journal of Physiology - Renal Physiology, 1997, 273, F1003-F1012.	2.7	19
132	Regulation of AE1 anion exchanger and H <sup>+</sup> -ATPase in rat cortex by acute metabolic acidosis and alkalosis. Kidney International, 1997, 51, 125-137.	5.2	119
133	Acidification of the male reproductive tract by a proton pumping(H <sup>+</sup> )-ATPase. Nature Medicine, 1996, 2, 470-472.	30.7	238
134	Endosomal pathways for water channel and proton pump recycling in kidney epithelial cells. Journal of Cell Science, 1993, 1993, 49-59.	2.0	36
135	Junctional complexes and cell polarity in the urinary tubule. Journal of Electron Microscopy Technique, 1988, 9, 145-170.	1.1	22
136	An H <sup>+</sup> -ATPase in opposite plasma membrane domains in kidney epithelial cell subpopulations. Nature, 1988, 331, 622-624.	27.8	270
137	Nonclathrin-coated vesicles are involved in endocytosis in kidney collecting duct intercalated cells. The Anatomical Record, 1987, 218, 237-242.	1.8	46
138	Membrane infrastructure in Urinary Tubules. International Review of Cytology, 1981, 73, 183-242.	6.2	63
139	Freeze-fracture of Xenopus laevis kidney: Rod-shaped particles in the canalicular membrane of the collecting tubule flask cell. Journal of Ultrastructure Research, 1978, 63, 35-40.	1.1	36
140	Surface-Enhanced Raman Scattering for Investigations of Eukaryotic Cells. , 0, , 243-261.		0