Dennis Brown

List of Publications by Year
in descending order

140 papers	9,717 citations	26610 56 h-index	38368 95 g-index
146 all docs	146 docs citations	146 times ranked	8492 citing authors

#	Article	IF	Citations
1	Macrophages Facilitate Electrical Conduction in the Heart. Cell, 2017, 169, 510-522.e20.	13.5	703
2	V-ATPase interacts with ARNO and Arf6 in early endosomes and regulates the protein degradative pathway. Nature Cell Biology, 2006, 8, 124-136.	4.6	430
3	Renal Vacuolar H+-ATPase. Physiological Reviews, 2004, 84, 1263-1314.	13.1	397
4	An H+-ATPase in opposite plasma membrane domains in kidney epithelial cell subpopulations. Nature, 1988, 331, 622-624.	13.7	270
5	The ins and outs of aquaporin-2 trafficking. American Journal of Physiology - Renal Physiology, 2003, 284, F893-F901.	1.3	248
6	Acidification of the male reproductive tract by a proton pumping(H+)-ATPase. Nature Medicine, 1996, 2, 470-472.	15.2	238
7	Animal plasma membrane energization by proton-motive V-ATPases. BioEssays, 1999, 21, 637-648.	1.2	232
8	Nitric oxide and atrial natriuretic factor stimulate cGMP-dependent membrane insertion of aquaporin 2 in renal epithelial cells. Journal of Clinical Investigation, 2000, 106, 1115-1126.	3.9	206
9	Bicarbonate-regulated Adenylyl Cyclase (sAC) Is a Sensor That Regulates pH-dependent V-ATPase Recycling. Journal of Biological Chemistry, 2003, 278, 49523-49529.	1.6	202
10	Transcriptomes of major renal collecting duct cell types in mouse identified by single-cell RNA-seq. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E9989-E9998.	3.3	198
11	Noncanonical Control of Vasopressin Receptor Type 2 Signaling by Retromer and Arrestin. Journal of Biological Chemistry, 2013, 288, 27849-27860.	1.6	185
12	Regulation of Luminal Acidification by the V-ATPase. Physiology, 2013, 28, 318-329.	1.6	159
13	Transepithelial Projections from Basal Cells Are Luminal Sensors in Pseudostratified Epithelia. Cell, 2008, 135, 1108-1117.	13.5	145
14	Polarity, integrin, and extracellular matrix dynamics in the postischemic rat kidney. American Journal of Physiology - Cell Physiology, 1998, 275, C711-C731.	2.1	137
15	The B1 Subunit of the H+ATPase Is a PDZ Domain-binding Protein. Journal of Biological Chemistry, 2000, 275, 18219-18224.	1.6	136
16	Intra-endosomal pH-sensitive Recruitment of the Arf-nucleotide Exchange Factor ARNO and Arf6 from Cytoplasm to Proximal Tubule Endosomes. Journal of Biological Chemistry, 2001, 276, 18540-18550.	1.6	132
17	Inhibition of endocytosis causes phosphorylation (S256)-independent plasma membrane accumulation of AQP2. American Journal of Physiology - Renal Physiology, 2004, 286, F233-F243.	1.3	128
18	Regulation of the V-ATPase in kidney epithelial cells: dual role in acidâ€“base homeostasis and vesicle trafficking. Journal of Experimental Biology, 2009, 212, 1762-1772.	0.8	128

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19	The B1-subunit of the H+ ATPase is required for maximal urinary acidification. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 13616-13621.	3.3	126
20	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.	1.3	125
21	New insights into the regulation of V-ATPase-dependent proton secretion. American Journal of Physiology - Renal Physiology, 2007, 292, F1-F10.	1.3	122
22	Regulation of AE1 anion exchanger and H + -ATPase in rat cortex by acute metabolic acidosis and alkalosis. Kidney International, 1997, 51, 125-137.	2.6	119
23	Localization of pH regulating proteins H+ATPase and exchanger in the guinea pig inner ear. Hearing Research, 1997, 114, 21-34.	0.9	114
24	Heat Shock Protein 70 Interacts with Aquaporin-2 and Regulates Its Trafficking. Journal of Biological Chemistry, 2007, 282, 28721-28732.	1.6	111
25	Regulation of luminal acidification in the male reproductive tract via cellâ€“cell crosstalk. Journal of Experimental Biology, 2009, 212, 1753-1761.	0.8	108
26	Aquaporin-2 localization in clathrin-coated pits: inhibition of endocytosis by dominant-negative dynamin. American Journal of Physiology - Renal Physiology, 2002, 282, F998-F1011.	1.3	107
27	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.	1.3	102
28	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.	2.1	99
29	Mapping the H+ (V)-ATPase interactome: identification of proteins involved in trafficking, folding, assembly and phosphorylation. Scientific Reports, 2015, 5, 14827.	1.6	98
30	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*. Endocrinology, 1998, 139, 3935-3945.	1.4	97
31	Physiological importance of endosomal acidification: potential role in proximal tubulopathies. Current Opinion in Nephrology and Hypertension, 2002, 11, 527-537.	1.0	91
32	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.	1.3	91
33	CFTR interacts with ZO-1 to regulate tight junction assembly and epithelial differentiation via the ZONAB pathway. Journal of Cell Science, 2014, 127, 4396-408.	1.2	89
34	Modulation of the Actin Cytoskeleton via Gelsolin Regulates Vacuolar H+-ATPase Recycling. Journal of Biological Chemistry, 2005, 280, 8452-8463.	1.6	88
35	Basolateral Distribution of Caveolin-1 in the Kidney: Absence from H+-ATPase-coated Endocytic Vesicles in Intercalated Cells. Journal of Histochemistry and Cytochemistry, 1998, 46, 205-214.	1.3	87
36	Deletion of hensin/DMBT1 blocks conversion of Î²- to Î±-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.	3.3	87

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37	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.	1.3	87
38	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.	2.1	82
39	Remodeling the cellular profile of collecting ducts by chronic carbonic anhydrase inhibition. American Journal of Physiology - Renal Physiology, 2001, 280, F437-F448.	1.3	80
40	Expression of the 56-kDa B2 subunit isoform of the vacuolar H+-ATPase in proton-secreting cells of the kidney and epididymis. American Journal of Physiology - Cell Physiology, 2004, 287, C149-C162.	2.1	80
41	Phosphorylation events and the modulation of aquaporin 2 cell surface expression. Current Opinion in Nephrology and Hypertension, 2008, 17, 491-498.	1.0	78
42	Molecular Mechanisms of Acid-Base Sensing by the Kidney. Journal of the American Society of Nephrology: JASN, 2012, 23, 774-780.	3.0	78
43	High Resolution Helium Ion Scanning Microscopy of the Rat Kidney. PLoS ONE, 2013, 8, e57051.	1.1	77
44	Aldolase directly interacts with ARNO and modulates cell morphology and acidic vesicle distribution. American Journal of Physiology - Cell Physiology, 2011, 300, C1442-C1455.	2.1	74
45	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.	1.6	72
46	Renal Intercalated Cells Sense and Mediate Inflammation via the P2Y14 Receptor. PLoS ONE, 2015, 10, e0121419.	1.1	72
47	Localization of Sodium Bicarbonate Cotransporter (NBC) Protein and Messenger Ribonucleic Acid in Rat Epididymis1. Biology of Reproduction, 1999, 60, 573-579.	1.2	71
48	The H⁺-ATPase (V-ATPase): from proton pump to signaling complex in health and disease. American Journal of Physiology - Cell Physiology, 2021, 320, C392-C414.	2.1	71
49	Association of soluble adenylyl cyclase with the V-ATPase in renal epithelial cells. American Journal of Physiology - Renal Physiology, 2008, 294, F130-F138.	1.3	69
50	Aquaporin 2 Promotes Cell Migration and Epithelial Morphogenesis. Journal of the American Society of Nephrology: JASN, 2012, 23, 1506-1517.	3.0	68
51	Transcytosis of Retinol-Binding Protein across Renal Proximal Tubule Cells after Megalin (gp) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	3.0	64
52	Membrane infrastructure in Urinary Tubules. International Review of Cytology, 1981, 73, 183-242.	6.2	63
53	Immunolocalization of AE2 anion exchanger in rat kidney. American Journal of Physiology - Renal Physiology, 1997, 273, F601-F614.	1.3	63
54	Bypassing Vasopressin Receptor Signaling Pathways in Nephrogenic Diabetes Insipidus. Seminars in Nephrology, 2008, 28, 266-278.	0.6	62

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55	Recycling of AQP2 occurs through a temperature- and bafilomycin-sensitivetrans-Golgi-associated compartment. American Journal of Physiology - Renal Physiology, 2000, 278, F317-F326.	1.3	60
56	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.	1.3	60
57	Proinflammatory P2Y14 receptor inhibition protects against ischemic acute kidney injury in mice. Journal of Clinical Investigation, 2020, 130, 3734-3749.	3.9	60
58	Expression of NCAM recapitulates tubulogenic development in kidneys recovering from acute ischemia. American Journal of Physiology - Renal Physiology, 1999, 277, F454-F463.	1.3	59
59	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.	2.1	59
60	New insights into the dynamic regulation of water and acid-base balance by renal epithelial cells. American Journal of Physiology - Cell Physiology, 2012, 302, C1421-C1433.	2.1	59
61	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.	3.0	57
62	Basolateral targeting and microtubule-dependent transcytosis of the aquaporin-2 water channel. American Journal of Physiology - Cell Physiology, 2013, 304, C38-C48.	2.1	57
63	Sensing, Signaling and Sorting Events in Kidney Epithelial Cell Physiology. Traffic, 2009, 10, 275-284.	1.3	56
64	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.	1.6	55
65	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.	2.1	54
66	Characterizing the Interactions of Organic Nanoparticles with Renal Epithelial Cells in Vivo. ACS Nano, 2015, 9, 3641-3653.	7.3	54
67	Tetanus toxin-mediated cleavage of cellubrevin inhibits proton secretion in the male reproductive tract. American Journal of Physiology - Renal Physiology, 2000, 278, F717-F725.	1.3	53
68	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.	2.1	49
69	The V-ATPase B1-subunit promoter drives expression of Cre recombinase in intercalated cells of the kidney. Kidney International, 2009, 75, 435-439.	2.6	49
70	Methyl-Î²-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.	1.3	48
71	Aldosterone stimulates vacuolar H⁺-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.	2.1	47
72	Meiotic gatekeeper STRA8 suppresses autophagy by repressing Nr1d1 expression during spermatogenesis in mice. PLoS Genetics, 2019, 15, e1008084.	1.5	47

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73	Nonclathrin-coated vesicles are involved in endocytosis in kidney collecting duct intercalated cells. The Anatomical Record, 1987, 218, 237-242.	2.3	46
74	Aquaporin 2 (AQP2) and vasopressin type 2 receptor (V2R) endocytosis in kidney epithelial cells: AQP2 is located in â€˜endocytosis-resistantâ€™ membrane domains after vasopressin treatment. Biology of the Cell, 2006, 98, 215-232.	0.7	46
75	A fluorimetry-based ssYFP secretion assay to monitor vasopressin-induced exocytosis in LLC-PK₁cells expressing aquaporin-2. American Journal of Physiology - Cell Physiology, 2008, 295, C1476-C1487.	2.1	46
76	The absence of a clathrin adapter confers unique polarity essential to proximal tubule function. Kidney International, 2010, 78, 382-388.	2.6	45
77	Differential, Phosphorylation Dependent Trafficking of AQP2 in LLC-PK1 Cells. PLoS ONE, 2012, 7, e32843.	1.1	44
78	EGF Receptor Inhibition by Erlotinib Increases Aquaporin 2â€“Mediated Renal Water Reabsorption. Journal of the American Society of Nephrology: JASN, 2016, 27, 3105-3116.	3.0	44
79	Ionic imbalance, in addition to molecular crowding, abates cytoskeletal dynamics and vesicle motility during hypertonic stress. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E3104-13.	3.3	42
80	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.	2.1	41
81	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.	1.3	41
82	Covalent Modulators of the Vacuolar ATPase. Journal of the American Chemical Society, 2017, 139, 639-642.	6.6	39
83	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.	1.4	36
84	Endosomal pathways for water channel and proton pump recycling in kidney epithelial cells. Journal of Cell Science, 1993, 1993, 49-59.	1.2	36
85	High-resolution helium ion microscopy of epididymal epithelial cells and their interaction with spermatozoa. Molecular Human Reproduction, 2014, 20, 929-937.	1.3	36
86	Intercalated Cell Depletion and Vacuolar H+-ATPase Mistargeting in an Ae1 R607H Knockin Model. Journal of the American Society of Nephrology: JASN, 2017, 28, 1507-1520.	3.0	36
87	Long-term regulation of urea transporter expression by vasopressin in Brattleboro rats. American Journal of Physiology - Renal Physiology, 2000, 278, F620-F627.	1.3	34
88	Targeting the Trafficking of Kidney Water Channels for Therapeutic Benefit. Annual Review of Pharmacology and Toxicology, 2020, 60, 175-194.	4.2	34
89	Potassium depletion increases proton pump (H⁺-ATPase) activity in intercalated cells of cortical collecting duct. American Journal of Physiology - Renal Physiology, 2000, 279, F195-F202.	1.3	32
90	V-ATPase expression in the mouse olfactory epithelium. American Journal of Physiology - Cell Physiology, 2008, 295, C923-C930.	2.1	32

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91	AQP2 is necessary for vasopressin- and forskolin-mediated filamentous actin depolymerization in renal epithelial cells. Biology Open, 2012, 1, 101-108.	0.6	32
92	Absence of aquaporin-4 water channels from kidneys of the desert rodentDipodomys merriami merriami. American Journal of Physiology - Renal Physiology, 2001, 280, F794-F802.	1.3	31
93	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.	2.1	31
94	Localization of the high-affinity glutamate transporter EAAC1 in rat kidney. American Journal of Physiology - Renal Physiology, 1997, 273, F1023-F1029.	1.3	30
95	Altered V-ATPase expression in renal intercalated cells isolated from B1 subunit-deficient mice by fluorescence-activated cell sorting. American Journal of Physiology - Renal Physiology, 2013, 304, F522-F532.	1.3	30
96	Angiotensin II Stimulates H⁺-ATPase Activity in Intercalated Cells from Isolated Mouse Connecting Tubules and Cortical Collecting Ducts. Cellular Physiology and Biochemistry, 2011, 28, 513-520.	1.1	28
97	Direct interaction of ezrin and AQP2 and its role in AQP2 trafficking. Journal of Cell Science, 2017, 130, 2914-2925.	1.2	28
98	Characterization of the putative phosphorylation sites of the AQP2 C terminus and their role in AQP2 trafficking in LLC-PK₁ cells. American Journal of Physiology - Renal Physiology, 2015, 309, F673-F679.	1.3	27
99	Adhesion-GPCR Gpr116 (ADGRF5) expression inhibits renal acid secretion. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 26470-26481.	3.3	24
100	Protein phosphatase 2C is responsible for VP-induced dephosphorylation of AQP2 serine 261. American Journal of Physiology - Renal Physiology, 2017, 313, F404-F413.	1.3	23
101	Unravelling purinergic regulation in the epididymis: activation of Vâ€ATPaseâ€dependent acidification by luminal ATP and adenosine. Journal of Physiology, 2019, 597, 1957-1973.	1.3	23
102	Junctional complexes and cell polarity in the urinary tubule. Journal of Electron Microscopy Technique, 1988, 9, 145-170.	1.1	22
103	Extracellular Adenosine Stimulates Vacuolar ATPaseâ€“Dependent Proton Secretion in Medullary Intercalated Cells. Journal of the American Society of Nephrology: JASN, 2018, 29, 545-556.	3.0	22
104	Inhibition of nonâ€receptor tyrosine kinase Src induces phosphoserine 256â€independent aquaporinâ€2 membrane accumulation. Journal of Physiology, 2019, 597, 1627-1642.	1.3	22
105	A non-dividing cell population with high pyruvate dehydrogenase kinase activity regulates metabolic heterogeneity and tumorigenesis in the intestine. Nature Communications, 2022, 13, 1503.	5.8	22
106	High-throughput chemical screening identifies AG-490 as a stimulator of aquaporin 2 membrane expression and urine concentration. American Journal of Physiology - Cell Physiology, 2014, 307, C597-C605.	2.1	20
107	Redistribution of villin to proximal tubule basolateral membranes after ischemia and reperfusion. American Journal of Physiology - Renal Physiology, 1997, 273, F1003-F1012.	1.3	19
108	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.	1.3	18

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109	Effects of the renal medullary pH and ionic environment on vasopressin binding and signaling. Kidney International, 2008, 74, 1557-1567.	2.6	18
110	Loss of the V-ATPase B1 Subunit Isoform Expressed in Non-Neuronal Cells of the Mouse Olfactory Epithelium Impairs Olfactory Function. PLoS ONE, 2012, 7, e45395.	1.1	16
111	Novel Proinflammatory Function of Renal Intercalated Cells. Annals of Nutrition and Metabolism, 2018, 72, 11-16.	1.0	15
112	Chlorpromazine Induces Basolateral Aquaporin-2 Accumulation via F-Actin Depolymerization and Blockade of Endocytosis in Renal Epithelial Cells. Cells, 2020, 9, 1057.	1.8	14
113	The ammonia transporter RhCG modulates urinary acidification by interacting with the vacuolar proton-ATPases in renal intercalated cells. Kidney International, 2018, 93, 390-402.	2.6	13
114	Simultaneous stabilization of actin cytoskeleton in multiple nephron-specific cells protects the kidney from diverse injury. Nature Communications, 2022, 13, 2422.	5.8	9
115	Sex-dependent differences in water homeostasis in wild-type and V-ATPase B1-subunit deficient mice. PLoS ONE, 2019, 14, e0219940.	1.1	8
116	Actin-related protein 2/3 complex plays a critical role in the aquaporin-2 exocytotic pathway. American Journal of Physiology - Renal Physiology, 2021, 321, F179-F194.	1.3	6
117	Animal plasma membrane energization by protonâ€motive Vâ€ATPases. BioEssays, 1999, 21, 637-648.	1.2	4
118	The Cell Biology of Vasopressin Action. , 2012, , 353-383.		4
119	APS Takes a Look in the Mirror. Physiology, 2016, 31, 384-385.	1.6	1
120	Reply to Edemir: Physiological regulation and single-cell RNA sequencing. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E351-E352.	3.3	1
121	Vâ€ATPase Interacts with ARNO and Arf6 in Early Endosomes and Regulates the Protein Degradative Pathway. FASEB Journal, 2006, 20, .	0.2	1
122	Surface-Enhanced Raman Scattering for Investigations of Eukaryotic Cells. , 0, , 243-261.		0
123	The Evolutionarily Conserved TLDc Domain Defines a New Class of Vâ€ATPase Interacting Proteins. FASEB Journal, 2021, 35, .	0.2	0
124	Protein Kinase A (PKA) Regulates Vacuolar H + â€ATPase (Vâ€ATPase) Recycling in Epididymal Clear Cells. FASEB Journal, 2007, 21, A1337.	0.2	0
125	Expression and Functional Role of the Bradykinin Type 2 Teceptor in Epididymal Principal Cells.. Biology of Reproduction, 2008, 78, 124-124.	1.2	0
126	Vâ€ATPase/small GTPase/aldolase complex and regulation of endosomal/lysosomal protein degradative pathway. FASEB Journal, 2009, 23, 877.4.	0.2	0

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127	Regulation of vacuolar H+â€ATPase (Vâ€ATPase) recycling via a RhoAâ€dependent pathway in epididymal clear cells. FASEB Journal, 2009, 23, 796.16.	0.2	0
128	Actin cytoskeleton remodeling by RhoA and ROCKII regulates vacuolar H+â€ATPase (Vâ€ATPase) recycling in epididymal clear cells. FASEB Journal, 2010, 24, 1002.10.	0.2	0
129	Regulation of Vacuolar H+-ATPase (V-ATPase) Recycling Via a RhoA- and ROCKII-Dependent Pathway in Epididymal Clear Cells.. Biology of Reproduction, 2010, 83, 87-87.	1.2	0
130	AQP2 is Necessary for Vasopressin Mediated Filamentous Actin Depolymerization in Renal Epithelial Cells. FASEB Journal, 2011, 25, lb623.	0.2	0
131	Vacuolar proton pump a4 subunit is critical for inner ear development and renal function. FASEB Journal, 2013, 27, 1115.24.	0.2	0
132	Autophagy is induced by hypertonic stress and is associated with microtubuleâ€dependent pericentrosomsal clustering of autolysosomes. FASEB Journal, 2013, 27, 728.2.	0.2	0
133	The choroid plexus regulation of cerebrospinal fluid pH. FASEB Journal, 2013, 27, 730.11.	0.2	0
134	Vâ€ATPase B1 Subunit Knockout Mice Have A Genderâ€Dependent Defect In Urine Concentrating Ability. FASEB Journal, 2015, 29, 962.4.	0.2	0
135	Erlotinib, an EGF receptor antagonist, induces aquaporin 2 (AQP2) phosphorylation and increases water reabsorption in lithium treated mice. FASEB Journal, 2015, 29, 809.16.	0.2	0
136	Nanoparticle Interactions With Renal Epithelial Cells in vivo. FASEB Journal, 2015, 29, 664.4.	0.2	0
137	Neprilysin colocalizes with the Vâ€ATPase in kidney Aâ€type intercalated cells: possible role in urinary acidification. FASEB Journal, 2019, 33, 544.13.	0.2	0
138	Inhibition of actinâ€related protein (Arp) 2/3 complex blocks vasopressinâ€induced AQP2 membrane accumulation. FASEB Journal, 2020, 34, 1-1.	0.2	0
139	Aquaporin Function: Seek and You Shall Find!. Function, 2020, 2, zqaa041.	1.1	0
140	Vâ€ATPase Domain Assembly is Increased in Ncoa7 KO Mice. FASEB Journal, 2022, 36, .	0.2	0