Douglas C Eaton

List of Publications by Year
in descending order

178	6,430	47006	79698
papers	citations	47	73
		h-index	g-index

180	180	180	4352
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Physiology of Fetal Lung Fluid Clearance and the Effect of Labor. Seminars in Perinatology, 2006, 30, 34-43.	2.5	293
2	Membrane Currents Carried by Ca, Sr, and Ba in Barnacle Muscle Fiber During Voltage Clamp. Journal of General Physiology, 1974, 63, 564-578.	1.9	238
3	Role of the JAK/STAT signaling pathway in diabetic nephropathy. American Journal of Physiology - Renal Physiology, 2006, 290, F762-F768.	2.7	186
4	The mechanism of Na+ transport by rabbit urinary bladder. Journal of Membrane Biology, 1976, 28, 41-70.	2.1	185
5	Expression of highly selective sodium channels in alveolar type II cells is determined by culture conditions. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2001, 280, L646-L658.	2.9	171
6	The Contribution of Epithelial Sodium Channels to Alveolar Function in Health and Disease. Annual Review of Physiology, 2009, 71, 403-423.	13.1	170
7	Functional ion channels in pulmonary alveolar type I cells support a role for type I cells in lung ion transport. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 4964-4969.	7.1	168
8	Inhibition of the JAK/STAT Signaling Pathway Prevents the High Glucose-Induced Increase in TGF-Î² and Fibronectin Synthesis in Mesangial Cells. Diabetes, 2002, 51, 3505-3509.	0.6	156
9	Phosphatidylinositol 4,5-Bisphosphate (PIP2) Stimulates Epithelial Sodium Channel Activity in A6 Cells. Journal of Biological Chemistry, 2002, 277, 11965-11969.	3.4	154
10	Regulation of angiotensin II-induced JAK2 tyrosine phosphorylation: roles of SHP-1 and SHP-2. American Journal of Physiology - Cell Physiology, 1998, 275, C1216-C1223.	4.6	123
11	Angiotensin II activation of the JAK/STAT pathway in mesangial cells is altered by high glucose. Kidney International, 2002, 61, 1605-1616.	5.2	122
12	Invited Review: Biophysical properties of sodium channels in lung alveolar epithelial cells. Journal of Applied Physiology, 2002, 93, 1852-1859.	2.5	119
13	Pendrin Modulates ENaC Function by Changing Luminal HCO3â^'. Journal of the American Society of Nephrology: JASN, 2010, 21, 1928-1941.	6.1	98
14	Influenza virus inhibits ENaC and lung fluid clearance. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2004, 287, L366-L373.	2.9	93
15	Acute Regulation of Epithelial Sodium Channel by Anionic Phospholipids. Journal of the American Society of Nephrology: JASN, 2005, 16, 3182-3187.	6.1	83
16	Antisense oligonucleotides against the Î±-subunit of ENaC decrease lung epithelial cation-channel activity. American Journal of Physiology - Lung Cellular and Molecular Physiology, 1999, 276, L1046-L1051.	2.9	82
17	Nitric oxide inhibits lung sodium transport through a cGMP-mediated inhibition of epithelial cation channels. American Journal of Physiology - Lung Cellular and Molecular Physiology, 1998, 274, L475-L484.	2.9	79
18	Î²-Adrenergic regulation of amiloride-sensitive lung sodium channels. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2002, 282, L609-L620.	2.9	78

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19	Regulation of ion channel structure and function by reactive oxygen-nitrogen species. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2003, 285, L1184-L1189.	2.9	78
20	Erythropoietin receptor-operated Ca2+ channels: Activation by phospholipase C-Î³1. Kidney International, 1998, 53, 1259-1268.	5.2	77
21	Differential Effects of Protein Kinase C on the Levels of Epithelial Na+ Channel Subunit Proteins. Journal of Biological Chemistry, 2000, 275, 25760-25765.	3.4	77
22	Angiotensin II-induced Tyrosine Phosphorylation of Signal Transducers and Activators of Transcription 1 Is Regulated by Janus-activated Kinase 2 and Fyn Kinases and Mitogen-activated Protein Kinase Phosphatase 1. Journal of Biological Chemistry, 1998, 273, 30795-30800.	3.4	75
23	Regulation of Na+ Reabsorption by the Aldosterone-induced Small G Protein K-Ras2A. Journal of Biological Chemistry, 1999, 274, 35449-35454.	3.4	75
24	Arginine-specific reagents remove sodium channel inactivation. Nature, 1978, 271, 473-476.	27.8	73
25	High glucose induces podocyte apoptosis by stimulating TRPC6 via elevation of reactive oxygen species. Biochimica Et Biophysica Acta - Molecular Cell Research, 2013, 1833, 1434-1442.	4.1	73
26	Regulation of an amiloride-sensitive Na+-permeable channel by a Î²2-adrenergic agonist, cytosolic Ca2+and Clâ¯in fetal rat alveolar epithelium. Journal of Physiology, 1999, 515, 669-683.	2.9	71
27	Dopamine regulation of amiloride-sensitive sodium channels in lung cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2006, 290, L710-L722.	2.9	70
28	Regulation of Epithelial Sodium Channel Trafficking by Ubiquitination. Proceedings of the American Thoracic Society, 2010, 7, 54-64.	3.5	70
29	ATP masks stretch activation of epithelial sodium channels in A6 distal nephron cells. American Journal of Physiology - Renal Physiology, 2002, 282, F501-F505.	2.7	68
30	Regulating ENaCâ€™s gate. American Journal of Physiology - Cell Physiology, 2020, 318, C150-C162.	4.6	67
31	Renal sodium channels: Regulation and single channel properties. Kidney International, 1995, 48, 941-949.	5.2	65
32	A synthetic prostone activates apical chloride channels in A6 epithelial cells. American Journal of Physiology - Renal Physiology, 2008, 295, G234-G251.	3.4	64
33	Single-Channel Recordings from Two Types of Amiloride-Sensitive Epithelial Na⁺Channels. Membrane Biochemistry, 1986, 6, 149-171.	0.6	63
34	Phosphatidylinositol 3,4,5-Trisphosphate Mediates Aldosterone Stimulation of Epithelial Sodium Channel (ENaC) and Interacts with Î³-ENaC. Journal of Biological Chemistry, 2005, 280, 40885-40891.	3.4	63
35	Redox Regulation of Epithelial Sodium Channels Examined in Alveolar Type 1 and 2 Cells Patch-clamped in Lung Slice Tissue. Journal of Biological Chemistry, 2008, 283, 22875-22883.	3.4	63
36	Role of SGK1 in nitric oxide inhibition of ENaC in Na+-transporting epithelia. American Journal of Physiology - Cell Physiology, 2005, 289, C717-C726.	4.6	61

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37	Effects of fatty acids on BK channels in GH3cells. American Journal of Physiology - Cell Physiology, 2000, 279, C1211-C1219.	4.6	59
38	Regulation of Na+ Channels in Lung Alveolar Type II Epithelial Cells. Proceedings of the American Thoracic Society, 2004, 1, 10-16.	3.5	59
39	Expression of the Cystic Fibrosis Phenotype in a Renal Amphibian Epithelial Cell Line. Journal of Biological Chemistry, 1997, 272, 594-600.	3.4	58
40	Regulation of Amiloride-Sensitive Na+Transport by Basal Nitric Oxide. American Journal of Respiratory Cell and Molecular Biology, 2004, 30, 720-728.	2.9	57
41	Dopamine activates amiloride-sensitive sodium channels in alveolar type I cells in lung slice preparations. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2006, 291, L610-L618.	2.9	56
42	Aldosterone-induced increases in superoxide production counters nitric oxide inhibition of epithelial Na channel activity in A6 distal nephron cells. American Journal of Physiology - Renal Physiology, 2007, 293, F1666-F1677.	2.7	56
43	Phosphatidylinositol phosphate-dependent regulation ofXenopusENaC by MARCKS protein. American Journal of Physiology - Renal Physiology, 2012, 303, F800-F811.	2.7	54
44	Effects of nystatin on membrane conductance and internal ion activities inAplysia neurons. Journal of Membrane Biology, 1977, 37, 137-156.	2.1	53
45	Carboxylmethylation of the Î² Subunit of xENaC Regulates Channel Activity. Journal of Biological Chemistry, 1998, 273, 28746-28751.	3.4	53
46	ENaC is regulated by natriuretic peptide receptor-dependent cGMP signaling. American Journal of Physiology - Renal Physiology, 2013, 304, F930-F937.	2.7	51
47	A Novel Tumor Necrosis Factorâ€“mediated Mechanism of Direct Epithelial Sodium Channel Activation. American Journal of Respiratory and Critical Care Medicine, 2014, 190, 522-532.	5.6	49
48	Effect of simvastatin on high glucose- and angiotensin II-induced activation of the JAK/STAT pathway in mesangial cells. American Journal of Physiology - Renal Physiology, 2006, 291, F116-F121.	2.7	48
49	Regulation of the epithelial sodium channel by phosphatidylinositides: experiments, implications, and speculations. Pflugers Archiv European Journal of Physiology, 2007, 455, 169-180.	2.8	46
50	Ceramide mediates inhibition of the renal epithelial sodium channel by tumor necrosis factor-Î± through protein kinase C. American Journal of Physiology - Renal Physiology, 2007, 293, F1178-F1186.	2.7	45
51	Potassium permeable channels in primary cultures of rabbit cortical collecting tubule. Kidney International, 1991, 40, 441-452.	5.2	44
52	Cyclosporin A inhibits apical secretory K+ channels in rabbit cortical collecting tubule principal cells. Kidney International, 1993, 44, 974-984.	5.2	44
53	ENaC activity is increased in isolated, split-open cortical collecting ducts from protein kinase CÎ± knockout mice. American Journal of Physiology - Renal Physiology, 2014, 306, F309-F320.	2.7	42
54	Calmodulin and CaMKII modulate ENaC activity by regulating the association of MARCKS and the cytoskeleton with the apical membrane. American Journal of Physiology - Renal Physiology, 2015, 309, F456-F463.	2.7	42

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55	Regulation of Lung Epithelial Sodium Channels by Cytokines and Chemokines. Frontiers in Immunology, 2017, 8, 766.	4.8	40
56	WNK4 inhibition of ENaC is independent of Nedd4-2-mediated ENaC ubiquitination. American Journal of Physiology - Renal Physiology, 2013, 305, F31-F41.	2.7	39
57	Arrangement of the subunits of the nicotinic acetylcholine receptor of Torpedo californica as determined by .alpha.-neurotoxin crosslinking. Biochemistry, 1985, 24, 2210-2219.	2.5	38
58	Current-voltage relationship of the basolateral membrane of a tight epithelium. Biochimica Et Biophysica Acta - Biomembranes, 1979, 555, 519-523.	2.6	37
59	The sodium chloride cotransporter (NCC) and epithelial sodium channel (ENaC) associate. Biochemical Journal, 2016, 473, 3237-3252.	3.7	37
60	Alveolar nonselective channels are ASIC1a/Î±-ENaC channels and contribute to AFC. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2017, 312, L797-L811.	2.9	37
61	Regulation of the amiloride-blockable sodium channel from epithelial tissue. Molecular and Cellular Biochemistry, 1990, 99, 141-150.	3.1	36
62	Contrasting effects of cPLA₂on epithelial Na⁺transport. American Journal of Physiology - Cell Physiology, 2001, 281, C147-C156.	4.6	35
63	Lovastatin inhibits human B lymphoma cell proliferation by reducing intracellular ROS and TRPC6 expression. Biochimica Et Biophysica Acta - Molecular Cell Research, 2014, 1843, 894-901.	4.1	35
64	WNK1 Activates Large-Conductance Ca2+-Activated K+ Channels through Modulation of ERK1/2 Signaling. Journal of the American Society of Nephrology: JASN, 2015, 26, 844-854.	6.1	35
65	Epithelial Sodium Channel-Î± Mediates the Protective Effect of the TNF-Derived TIP Peptide in Pneumolysin-Induced Endothelial Barrier Dysfunction. Frontiers in Immunology, 2017, 8, 842.	4.8	35
66	Estradiol activates epithelial sodium channels in rat alveolar cells through the G protein-coupled estrogen receptor. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2013, 305, L878-L889.	2.9	34
67	Aldosterone Regulates Pendrin and Epithelial Sodium Channel Activity through Intercalated Cell Mineralocorticoid Receptorâ€"Dependent and â€"Independent Mechanisms over a Wide Range in Serum Potassium. Journal of the American Society of Nephrology: JASN, 2020, 31, 483-499.	6.1	33
68	The Amiloride-Blockable Sodium Channel of Epithelial Tissue. , 1988, 1, 251-282.		33
69	Pendrin gene ablation alters ENaC subcellular distribution and open probability. American Journal of Physiology - Renal Physiology, 2015, 309, F154-F163.	2.7	32
70	Active and passive Na+ fluxes across the basolateral membrane of rabbit urinary bladder. Journal of Membrane Biology, 1982, 67, 219-229.	2.1	30
71	S-Adenosyl-l-homocysteine Hydrolase Regulates Aldosterone-induced Na+ Transport. Journal of Biological Chemistry, 1999, 274, 3842-3850.	3.4	30
72	Isoprenylcysteine-O-carboxyl Methyltransferase Regulates Aldosterone-sensitive Na+ Reabsorption. Journal of Biological Chemistry, 1999, 274, 26912-26916.	3.4	29

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73	The effect of rapamycin on single ENaC channel activity and phosphorylation in A6 cells. American Journal of Physiology - Cell Physiology, 2000, 279, C81-C88.	4.6	28
74	Characterization of an amiloride binding region in the Î±-subunit of ENaC. American Journal of Physiology - Renal Physiology, 2003, 285, F1279-F1290.	2.7	28
75	Inhibition of TRPC6 reduces non-small cell lung cancer cell proliferation and invasion. Oncotarget, 2017, 8, 5123-5134.	1.8	28
76	Tetrodotoxin sensitivity of muscle action potentials in pufferfishes and related fishes. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 1974, 89, 59-72.	1.6	26
77	Role of growth factors in mesangial cell ion channel regulation. Kidney International, 1995, 48, 1158-1166.	5.2	26
78	Cryptdin 3 forms anion selective channels in cytoplasmic membranes of human embryonic kidney cells. American Journal of Physiology - Renal Physiology, 2002, 282, G757-G765.	3.4	26
79	Hypotonic stress upregulates Î²- and Î³-ENaC expression through suppression of ERK by inducing MKP-1. American Journal of Physiology - Renal Physiology, 2012, 303, F240-F252.	2.7	26
80	Effect of CO2 on neurons of the house cricket,acheta domestica. Journal of Neurobiology, 1983, 14, 237-250.	3.6	25
81	Methylation Increases the Open Probability of the Epithelial Sodium Channel in A6 Epithelia. Journal of Biological Chemistry, 2000, 275, 16550-16559.	3.4	25
82	Chronic Ethanol Ingestion Increases Expression of the Angiotensin II Type 2 (AT2) Receptor and Enhances Tumor Necrosis Factor-alpha- and Angiotensin II-Induced Cytotoxicity Via AT2 Signaling in Rat Alveolar Epithelial Cells. Alcoholism: Clinical and Experimental Research, 2003, 27, 1006-1014.	2.4	25
83	ENaC activity and expression is decreased in the lungs of protein kinase C-Î± knockout mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2014, 307, L374-L385.	2.9	24
84	ENaC activity is regulated by calpain-2 proteolysis of MARCKS proteins. American Journal of Physiology - Cell Physiology, 2017, 313, C42-C53.	4.6	24
85	Steroids and Exogenous Î³-ENaC Subunit Modulate Cation Channels Formed by Î±-ENaC in Human B Lymphocytes. Journal of Biological Chemistry, 2004, 279, 33206-33212.	3.4	23
86	Transactivation of the IGF-1R by aldosterone. American Journal of Physiology - Renal Physiology, 2007, 292, F1219-F1228.	2.7	23
87	Knockout of mitochondrial voltage-dependent anion channel type 3 increases reactive oxygen species (ROS) levels and alters renal sodium transport. Journal of Biological Chemistry, 2018, 293, 1666-1675.	3.4	23
88	The effect of racemic ketamine on the large conductance Ca+2-activated potassium (BK) channels in GH3 cells. Brain Research, 1994, 638, 61-68.	2.2	22
89	Oxidative signaling in renal epithelium: Critical role of cytosolic phospholipase A2 and p38SAPK. Free Radical Biology and Medicine, 2006, 41, 213-221.	2.9	22
90	Cholinergic regulation of epithelial sodium channels in rat alveolar type 2 epithelial cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2013, 304, L428-L437.	2.9	22

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91	Aldosterone Modulates the Association between NCC and ENaC. Scientific Reports, 2017, 7, 4149.	3.3	21
92	A Model for Postdoctoral Education That Promotes Minority and Majority Success in the Biomedical Sciences. CBE Life Sciences Education, 2017, 16, ar65.	2.3	21
93	Cell surface expression and turnover of the Î±-subunit of the epithelial sodium channel. American Journal of Physiology - Renal Physiology, 2001, 281, F213-F221.	2.7	20
94	Ethanol stimulates epithelial sodium channels by elevating reactive oxygen species. American Journal of Physiology - Cell Physiology, 2012, 303, C1129-C1138.	4.6	20
95	The Lectin-like Domain of TNF Increases ENaC Open Probability through a Novel Site at the Interface between the Second Transmembrane and C-terminal Domains of the Iâ±-Subunit. Journal of Biological Chemistry, 2016, 291, 23440-23451.	3.4	20
96	Chronic Ethanol Ingestion Increases Expression of the Angiotensin II Type 2 (AT2) Receptor and Enhances Tumor Necrosis Factor-??- and Angiotensin II-Induced Cytotoxicity Via AT2 Signaling in Rat Alveolar Epithelial Cells. Alcoholism: Clinical and Experimental Research, 2003, 27, 1006-1014.	2.4	20
97	Cyclic GMP-activated channel activity in renal epithelial cells (A6). Biochimica Et Biophysica Acta - Biomembranes, 1991, 1070, 152-156.	2.6	19
98	Cytochalasin E alters the cytoskeleton and decreases ENaC activity in Xenopus 2F3 cells. American Journal of Physiology - Renal Physiology, 2014, 307, F86-F95.	2.7	19
99	Ca²⁺sensitivity of BK channels in GH₃cells involves cytosolic phospholipase A₂. American Journal of Physiology - Cell Physiology, 1999, 276, C201-C209.	4.6	17
100	Isoflurane induces dopamine transporter trafficking into the cell cytoplasm. Synapse, 2004, 53, 68-73.	1.2	16
101	Dichotomous Role of Tumor Necrosis Factor in Pulmonary Barrier Function and Alveolar Fluid Clearance. Frontiers in Physiology, 2021, 12, 793251.	2.8	16
102	Estradiol stimulates an anti-translocation expression pattern of glucocorticoid co-regulators in a hippocampal cell model. Physiology and Behavior, 2013, 122, 187-192.	2.1	15
103	Chapter 3 Ion Channel Fluctuations: â€œNoiseâ€•and Single-Channel Measurements. Current Topics in Membranes and Transport, 1990, 37, 61-114.	0.6	14
104	S-adenosyl-<scp>l</scp>-homocysteine hydrolase is necessary for aldosterone-induced activity of epithelial Na⁺ channels. American Journal of Physiology - Cell Physiology, 2001, 281, C773-C785.	4.6	14
105	Cytosolic Phospholipase A2 Is Required for Optimal ATP Activation of BK Channels in GH3 Cells. Journal of Biological Chemistry, 2001, 276, 7136-7142.	3.4	14
106	Angiotensin II Evokes Calcium-Mediated Signaling Events in Isolated Dog Pancreatic Epithelial Cells. Pancreas, 2002, 25, 290-295.	1.1	14
107	Analytical challenges in nanomedicine. Analytical and Bioanalytical Chemistry, 2011, 399, 2309-2311.	3.7	14
108	Current-direction/amplitude-dependent single channel gating kinetics of mouse pannexin 1 channel: a new concept for gating kinetics. Scientific Reports, 2017, 7, 10512.	3.3	14

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109	ENaC inhibition stimulates HCl secretion in the mouse cortical collecting duct. I. Stilbene-sensitive Cl^{â^'}secretion. American Journal of Physiology - Renal Physiology, 2015, 309, F251-F258.	2.7	13
110	Loss of primary cilia increases polycystin-2 and TRPV4 and the appearance of a nonselective cation channel in the mouse cortical collecting duct. American Journal of Physiology - Renal Physiology, 2019, 317, F632-F637.	2.7	13
111	Dual Role of Hydrogen Peroxide as an Oxidant in Pneumococcal Pneumonia. Antioxidants and Redox Signaling, 2021, 34, 962-978.	5.4	13
112	Rituximab inhibits Kv1.3 channels in human B lymphoma cells via activation of FcÎ³RIIB receptors. Biochimica Et Biophysica Acta - Molecular Cell Research, 2012, 1823, 505-513.	4.1	12
113	Scanning ion conductance microscopy: a nanotechnology for biological studies in live cells. Frontiers in Physiology, 2012, 3, 483.	2.8	12
114	Basolateral P2X₄ channels stimulate ENaC activity in Xenopus cortical collecting duct A6 cells. American Journal of Physiology - Renal Physiology, 2014, 307, F806-F813.	2.7	12
115	The Polarized Effect of Intracellular Calcium on the Renal Epithelial Sodium Channel Occurs as a Result of Subcellular Calcium Signaling Domains Maintained by Mitochondria. Journal of Biological Chemistry, 2015, 290, 28805-28811.	3.4	12
116	Analysis of Aprotinin, a Protease Inhibitor, Action on the Trafficking of Epithelial Na+ Channels (ENaC) in Renal Epithelial Cells Using a Mathematical Model. Cellular Physiology and Biochemistry, 2017, 41, 1865-1880.	1.6	12
117	Lovastatin attenuates effects of cyclosporine A on tight junctions and apoptosis in cultured cortical collecting duct principal cells. American Journal of Physiology - Renal Physiology, 2013, 305, F304-F313.	2.7	11
118	Prolactin stimulates sodium and chloride ion channels in A6 renal epithelial cells. American Journal of Physiology - Renal Physiology, 2015, 308, F697-F705.	2.7	11
119	Mal protein stabilizes luminal membrane PLC-Î²3 and negatively regulates ENaC in mouse cortical collecting duct cells. American Journal of Physiology - Renal Physiology, 2019, 317, F986-F995.	2.7	11
120	The TNF-derived TIP peptide activates the epithelial sodium channel and ameliorates experimental nephrotoxic serum nephritis. Kidney International, 2019, 95, 1359-1372.	5.2	11
121	Acid pH and weak acids induce Naâ^'Cl contransport in the rabbit urinary bladder. Journal of Membrane Biology, 1983, 76, 151-164.	2.1	10
122	Amiloride-inhibited Na+ uptake into toad bladder microsomes is Na+-H+ exchange. Biochimica Et Biophysica Acta - Biomembranes, 1983, 733, 194-197.	2.6	10
123	Chronic ethanol exposure alters the lung proteome and leads to mitochondrial dysfunction in alveolar type 2 cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2014, 306, L1026-L1035.	2.9	10
124	Lovastatin-Induced Phosphatidylinositol-4-Phosphate 5-Kinase Diffusion from Microvilli Stimulates ROMK Channels. Journal of the American Society of Nephrology: JASN, 2015, 26, 1576-1587.	6.1	10
125	Myristoylated alanine-rich C kinase substrate-like protein-1 regulates epithelial sodium channel activity in renal distal convoluted tubule cells. American Journal of Physiology - Cell Physiology, 2020, 319, C589-C604.	4.6	10
126	Contractile Force Is Enhanced in Aortas from Pendrin Null Mice Due to Stimulation of Angiotensin II-Dependent Signaling. PLoS ONE, 2014, 9, e105101.	2.5	9

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127	A novel role of BK potassium channel activity in preventing the development of kidney fibrosis. Kidney International, 2022, 101, 945-962.	5.2	8
128	Toward Understanding the Role of Methylation in Aldosterone-Sensitive Na+ Transport. Physiology, 2000, 15, 161-165.	3.1	7
129	Cloning of the Proto-oncogene c-src from Rat Testis. DNA Sequence, 2001, 12, 425-429.	0.7	7
130	Acute ethanol induces apoptosis by stimulating TRPC6 via elevation of superoxide in oxygenated podocytes. Biochimica Et Biophysica Acta - Molecular Cell Research, 2015, 1853, 965-974.	4.1	7
131	Sulfhydryl reagents affect Na+ uptake into toad bladder membrane vesicles. Journal of Membrane Biology, 1983, 71, 39-45.	2.1	5
132	Listeriolysin O Causes ENaC Dysfunction in Human Airway Epithelial Cells. Toxins, 2018, 10, 79.	3.4	5
133	The N-Terminal 81-aa Fragment is Critical for UT-A1 Urea Transporter Bioactivity~!2009-12-20~!2009-03-24~!2010-04-28~!. Journal of Epithelial Biology & Pharmacology, 2010, 3, 34-39.	1.2	5
134	Conformational ensemble of the TNF-derived peptide solnatide in solution. Computational and Structural Biotechnology Journal, 2022, 20, 2082-2090.	4.1	5
135	Respiration and sodium transport in rabbit urinary bladder. Biochimica Et Biophysica Acta - Biomembranes, 1982, 689, 299-308.	2.6	4
136	Frontiers in Renal and Epithelial Physiology â€“ Grand Challenges. Frontiers in Physiology, 2012, 3, 2.	2.8	4
137	Membrane Transport: Ionic Environments, Signal Transduction, and Development of Therapeutic Targets. BioMed Research International, 2015, 2015, 1-2.	1.9	3
138	14-3-3Î³, a novel regulator of the large-conductance Ca²⁺-activated K⁺ channel. American Journal of Physiology - Renal Physiology, 2020, 319, F52-F62.	2.7	3
139	Stimulatory Role of SPAK Signaling in the Regulation of Large Conductance Ca2+-Activated Potassium (BK) Channel Protein Expression in Kidney. Frontiers in Physiology, 2020, 11, 638.	2.8	3
140	Tea blocks potassium current in squid axon. General Pharmacology, 1980, 11, 189-192.	0.7	2
141	Lack of urea transporters, UT-A1 and UT-A3, increases nitric oxide accumulation to dampen medullary sodium reabsorption through ENaC. American Journal of Physiology - Renal Physiology, 2019, 316, F539-F549.	2.7	2
142	Changing Demographics of NIDDK-Funded Physician-Scientists Doing Kidney Research. Clinical Journal of the American Society of Nephrology: CJASN, 2021, 16, 1337-1344.	4.5	2
143	Divalent cations regulate epithelial Na channel (ENaC) activity in A6 cells. FASEB Journal, 2006, 20, A797.	0.5	2
144	Ascorbate Deficiency Impairs Sodium Transport by Distal Lung Epithelia â™¦ 1954. Pediatric Research, 1998, 43, 333-333.	2.3	2

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145	Chapter 13 Membrane Selectivity and Ion Activities of Mammalian Tight Epithelia. Current Topics in Membranes and Transport, 1980, 13, 199-213.	0.6	1
146	Calmodulin and CaM kinase II govern MARCKSâ€mediated PIP2â€dependent regulation of ENaC. FASEB Journal, 2012, 26, 867.15.	0.5	1
147	Epithelial Sodium Channels (ENaC). Physiology in Health and Disease, 2020, , 697-803.	0.3	1
148	Angiotensin (Angll) evokes calcium-mediated signalling events in isolated dog pancreatic duct epithelial (DPDE) cells. Gastroenterology, 2001, 120, A339.	1.3	0
149	Dampened GM-CSF signaling and impaired innate immune function in alveolar macrophages in the alcoholic lung. Alcohol, 2006, 39, 114.	1.7	0
150	Epithelial Sodium Channel (ENaC) Activity In Type I Cells Differs From Type II Cells Following B-Adrenergic Stimulation. , 2012, , .		0
151	Epithelial Sodium Channels (ENaCs). , 2016, , 569-641.		0
152	Ion Channels: ENaC. , 2022, , 660-668.		0
153	Stability of functional ENaC at the apical membrane of A6 cells.. FASEB Journal, 2006, 20, .	0.5	0
154	The Mechanism of Aldosteroneâ€Induced Transactivation of the IGFâ€1 Receptor. FASEB Journal, 2007, 21, A544.	0.5	0
155	Integrating Teaching and Research at the Postâ€doctoral level: The Fellowships in Research and Science Teaching (FIRST) Program. FASEB Journal, 2008, 22, 766.6.	0.5	0
156	Enhancement of ciliary beat frequency induced by [Cl â^'] i decrease in rat distal airway ciliary cells. FASEB Journal, 2008, 22, 1177.3.	0.5	0
157	An Aldosteroneâ€sensitive Basolateral P2X 4 Receptor Stimulates the Renal Epithelial Sodium Channel. FASEB Journal, 2008, 22, 1215.5.	0.5	0
158	Pendrin regulates ENaC abundance and function by modulating luminal HCO3â^' concentration. FASEB Journal, 2010, 24, 606.9.	0.5	0
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