Phosphorylation of the catalytic subunit of Na+,K(+)-A7 enzyme.

Proceedings of the National Academy of Sciences of the Unite 88, 11359-11362

DOI: 10.1073/pnas.88.24.11359

Citation Report

#	Article	IF	CITATIONS
1	Calcineurin mediates alpha-adrenergic stimulation of Na+,K(+)-ATPase activity in renal tubule cells Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 7394-7397.	3.3	186
2	Chronic Administration of Lithium or Other Antidepressants Increases Levels of DARPP-32 in Rat Frontal Cortex. Journal of Neurochemistry, 1992, 59, 1164-1167.	2.1	43
3	Prevention of the acute neurotoxic effects of phenytoin on rat peripheral nerve by H7, an inhibitor of protein kinase C. Toxicology, 1992, 75, 249-256.	2.0	8
	Sodiumâ€dependent regulation of sodium, potassiumâ€adenosineâ€triâ€phosphatase (Na ⁺ ,) Tj ETQ	q1 1 0.78	U
4	cyclicâ€adenosineâ€monophosphate guanosineâ€nucleotideâ€bindingâ€protein activity and arginine vasopressin Acta Physiologica Scandinavica. 1992. 144. 185-190.	.2.3	27
5	Phospholipase-induced maturation ofXenopus laevis oocytes: Mitogenic activity of generated metabolites. Journal of Cellular Biochemistry, 1993, 52, 440-448.	1.2	30
6	Phosphorylation of the Na,K-ATPase by Ca,phospholipid-dependent andcAMP-dependent protein kinases. Mapping of the region phosphorylated by Ca,phospholipid-dependent protein kinase. Journal of Bioenergetics and Biomembranes, 1993, 25, 61-66.	1.0	29
7	The role of protein phosphorylation in renal amino acid transport. Pediatric Nephrology, 1993, 7, 621-629.	0.9	12
8	Dopamine Stimulates K+Efflux in the Chick Retina via D1Receptors Independently of Adenylyl Cyclase Activation. Journal of Neurochemistry, 1993, 61, 1461-1469.	2.1	33
9	Structure-function relationships of cation binding in the Na+/K+-ATPase. BBA - Biomembranes, 1993, 1154, 201-222.	7.9	134
10	Inhibition of Na+, K+-ATPase in rat renal proximal tubules by dopamine involved DA-1 receptor activation. Naunyn-Schmiedeberg's Archives of Pharmacology, 1993, 347, 289-295.	1.4	50
11	Molecular species composition of glycerophospholipids in rat sciatic nerve and its alteration in streptozotocin-induced diabetes. Lipids and Lipid Metabolism, 1993, 1168, 1-12.	2.6	16
12	Protein phosphorylation and dephosphorylation in mammalian central nervous system. Neurochemistry International, 1993, 23, 1-25.	1.9	36
13	Decrease of nerve Na+,K+-ATPase activity in the pathogenesis of human diabetic neuropathy. Journal of the Neurological Sciences, 1993, 120, 159-167.	0.3	52
14	Dopamine regulation of renal Na+,K(+)-ATPase activity is lacking in Dahl salt-sensitive rats Hypertension, 1993, 21, 767-771.	1.3	124
15	Sustained Recovery of Na+-K+-ATPase Activity in Sciatic Nerve of Diabetic Mice by Administration of H7 or Calphostin C, Inhibitors of PKC. Diabetes, 1993, 42, 257-262.	0.3	40
16	Isoproterenol stimulates rapid extrusion of sodium from isolated smooth muscle cells Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 8058-8062.	3.3	26
17	Reaction sequence and molecular mass of a Cl(-)-translocating P-type ATPase Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 7970-7974.	3.3	37
18	Bidirectional regulation of Na+,K(+)-ATPase activity by dopamine and an alpha-adrenergic agonist Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 21-24.	3.3	79

#	Article	IF	CITATIONS
19	Regulation by the neuropeptide cholecystokinin (CCK-8S) of protein phosphorylation in the neostriatum. Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 11277-11281.	3.3	37
20	Time-dependent increase in Ca2+ influx in rabbit abdominal aorta: role of Na-Ca exchange. American Journal of Physiology - Cell Physiology, 1993, 265, C1325-C1331.	2.1	12
21	Protein phosphatase type 2B (calcineurin)-mediated, FK506-sensitive regulation of intracellular ions in yeast is an important determinant for adaptation to high salt stress conditions EMBO Journal, 1993, 12, 4063-4071.	3.5	249
22	Role of protein kinase C in insulin activation of the Na-K pump in cultured skeletal muscle. American Journal of Physiology - Cell Physiology, 1994, 266, C751-C758.	2.1	35
23	Aldosterone induces early activation and late accumulation of Na-K-ATPase at surface of A6 cells. American Journal of Physiology - Cell Physiology, 1994, 266, C1278-C1290.	2.1	34
24	Cell cycle-dependent and kinase-specific regulation of the apical Na/H exchanger and the Na,K-ATPase in the kidney cell line LLC-PK1 by calcitonin Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 2115-2119.	3.3	36
25	Changes in Naâ€K ATPase and protein kinase C activities in peripheral nerve of acrylamideâ€ŧreated rats. Journal of Toxicology and Environmental Health - Part A: Current Issues, 1994, 42, 331-342.	1.1	30
26	Regulation of the betaâ€stimulation of the Na(+)â€K+ pump current in guineaâ€pig ventricular myocytes by a cAMPâ€dependent PKA pathway Journal of Physiology, 1994, 477, 373-380.	1.3	36
27	Molecular Mechanism of Acute Ammonia Toxicity and of its Prevention by L-Carnitine. Advances in Experimental Medicine and Biology, 1994, 368, 65-77.	0.8	22
28	Cyclic AMP-induced depolarization measured by bis-oxonol fluorescence in bovine adrenal medullary chromaffin cells. Journal of Neural Transmission, 1994, 97, 65-72.	1.4	3
29	Evidence that the inhibition of Na+/K+-ATPase activity by FK506 involves calcineurin. Kidney International, 1994, 46, 647-652.	2.6	53
31	Okadaic acid stimulates ouabain-sensitive86Rb+-uptake and phosphorylation of the Na+/K+-ATPase α-subunit in rat hepatocytes. FEBS Letters, 1994, 355, 157-162.	1.3	10
32	Defective activity of Na+,K+-ATPase in peripheral nerve of diabetic rats is independent of the axonal transport of the enzyme. Neuroscience Letters, 1994, 178, 127-130.	1.0	3
33	Plant Defense Response to Fungal Pathogens (Activation of Host-Plasma Membrane H+-ATPase by) Tj ETQq1 1 C).784314 r 2.3	gBT /Overloo 214
34	The Na ⁺ /K ⁺ Pump: Structure and Function of the Alpha-Subunit. Cellular Physiology and Biochemistry, 1994, 4, 81-95.	1.1	19
35	In vivo phosphorylation of the Na,K-ATPase alpha subunit in sciatic nerves of control and diabetic rats: effects of protein kinase modulators Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 6211-6215.	3.3	61
36	A single isoform of the Na+/K+-ATPase α-subunit in Diptera: evidence from characterization of the first extracellular domain. Insect Molecular Biology, 1995, 4, 179-192.	1.0	7
37	Cyclic AMP enhances acetylcholine (ACh)- induced ion fluxes and catecholamine release by inhibiting Na+, K+-ATPase and participates in the responses to ACh in cultured bovine adrenal medullary chromaffin cells, Journal of Neural Transmission, 1995, 100, 17-26.	1.4	5

ARTICLE IF CITATIONS # Renal cortical basolateral Na+/HCO 3 ? cotransporter III. Evidence for a regulatory protein in the 38 1.0 5 inhibitory effect of protein kinase A. Journal of Membrane Biology, 1995, 145, 67-74. cGMP modulates transport across the ciliary epithelium. Journal of Membrane Biology, 1995, 146, 1.0 293-305. 40 Expression of protein kinase C isoforms in renal tissue. Kidney International, 1995, 47, 766-773. 2.6 37 cAMP evokes a rise in intracellular Na+ mediated by Na+ pump inhibition in rat aortic smooth muscle cells. American Journal of Physiology - Cell Physiology, 1995, 269, C884-C891. Protein kinase C-dependent stimulation of Na(+)-K(+)-ATP epsilon in rat proximal convoluted tubules. 42 2.157 American Journal of Physiology - Cell Physiology, 1995, 268, C1277-C1283. Hormonal regulation of the Na(+)-K(+)-ATPase: mechanisms underlying rapid and sustained changes in pump activity. American Journal of Physiology - Cell Physiology, 1995, 269, C295-C311. 2.1 399 Na+,K+-ATPase in the Choroid Plexus. Journal of Biological Chemistry, 1995, 270, 2427-2430. 44 1.6 85 Structural Basis for Species-specific Differences in the Phosphorylation of Na,K-ATPase by Protein 1.6 Kinase C. Journal of Biological Chemistry, 1995, 270, 14072-14077. Na+,K+-ATPase activities are increased in brain in both congenital and acquired hyperammonemic 1.0 30 46 syndromes. Neuroscience Letters, 1995, 197, 89-92. Chapter 18 Estivation: Mechanisms and control of metabolic suppression. Biochemistry and Molecular Biology of Fishes, 1995, 5, 381-412. Metabolic adaptations supporting anoxia tolerance in reptiles: Recent advances. Comparative 48 111 0.7 Biochemistry and Physiology - B Biochemistry and Molecular Biology, 1996, 113, 23-35. Stimulation of ouabain-sensitive86Rb+uptake and Na+,K+-ATPase α-subunit phosphorylation by a cAMP-dependent signalling pathway in intact cells from rat kidney cortex. FEBS Letters, 1996, 396, 49 1.3 28 309-314. Functional regulation of reconstituted Na, K-ATPase by protein kinase A phosphorylation. FEBS Letters, 50 1.3 40 1996, 380, 277-280. $\hat{I}\pm 1$ but Not $\hat{I}\pm 2$ or $\hat{I}\pm 3$ Isoforms of Na,K-ATPase Are Efficiently Phosphorylated in a Novel Protein Kinase C 1.2 Motifâ€. Biochemistry, 1996, 35, 14098-14108. Adrenergic, dopaminergic, and muscarinic receptor stimulation leads to PKA phosphorylation of 52 2.1 34 Na-K-ATPase. American Journal of Physiology - Cell Physiology, 1996, 270, C131-C137. Protein kinase C-dependent phosphorylation of Na(+)-K(+)-ATPase alpha-subunit in rat kidney cortical tubules. American Journal of Physiology - Cell Physiology, 1996, 271, C136-C143. Angiotensin-converting enzyme inhibitors regulate the Na(+)-K+ pump via effects on angiotensin 54 2.1 74 metabolism. American Journal of Physiology - Cell Physiology, 1996, 271, C172-C180. Regulation of renal Na+,K(+)-ATPase in rat thick ascending limb during K+ depletion: evidence for 1.3 modulation of Na+ affinity. Journal of Physiology, 1996, 490, 623-632.

#	Article	IF	CITATIONS
56	The effects of betaâ€stimulation on the Na(+)â€K+ pump currentâ€voltage relationship in guineaâ€pig ventricular myocytes Journal of Physiology, 1996, 494, 697-708.	1.3	25
57	The sodium PUMP. Biomembranes: A Multi-Volume Treatise, 1996, 5, 133-184.	0.1	0
58	Glucagon stimulation of hepatic Na+-pump activity and α-subunit phosphorylation in rat hepatocytes. Biochemical Journal, 1996, 313, 983-989.	1.7	6
59	Phosphorylation by protein kinase C of serine-23 of the alpha-1 subunit of rat Na+,K(+)-ATPase affects its conformational equilibrium Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 9132-9137.	3.3	69
60	Renal dopamine receptors: mechanisms of action and developmental aspects. Cardiovascular Research, 1996, 31, 2-6.	1.8	29
61	Effects of hyperammonemia on brain protein kinase C substrates. Metabolic Brain Disease, 1996, 11, 205-216.	1.4	17
62	Antioxidants in peripheral nerve. Free Radical Biology and Medicine, 1996, 20, 925-932.	1.3	29
63	Regulation of Na-K-ATPase Activity in the Proximal Tubule: Role of the Protein Kinase C Pathway and of Eicosanoids. Journal of Membrane Biology, 1996, 152, 235-243.	1.0	111
64	Role of Protein Phosphatase in the Regulation of Na + -K + -ATPase by Vasopressin in the Cortical Collecting Duct. Journal of Membrane Biology, 1996, 153, 233-239.	1.0	26
65	Synaptosomal Na, K-ATPase during forebrain ischemia in Mongolian gerbils. Molecular and Chemical Neuropathology, 1996, 29, 67-78.	1.0	13
67	Hypoxia-induced amphiphiles inhibit renal Na+,K+-ATPase. Kidney International, 1996, 49, 1289-1296.	2.6	26
68	Cellular mechanisms for bi-directional regulation of tubular sodium reabsorption. Kidney International, 1996, 49, 1743-1747.	2.6	39
69	Phorbol 12-myristate 13-acetate down-regulates Na,K-ATPase independent of its protein kinase C site: decrease in basolateral cell surface area Molecular Biology of the Cell, 1997, 8, 387-398.	0.9	39
70	Role of Serine/Threonine Protein Phosphatases in Insulin Regulation of Na+/K+-ATPase Activity in Cultured Rat Skeletal Muscle Cells. Journal of Biological Chemistry, 1997, 272, 23653-23658.	1.6	33
71	Phosphorylation of Na,K-ATPase by Protein Kinase C at Ser18 Occurs in Intact Cells but Does Not Result in Direct Inhibition of ATP Hydrolysis. Journal of Biological Chemistry, 1997, 272, 17726-17733.	1.6	89
72	Diversity of Regulatory Phosphorylation of the Na ⁺ /K ⁺ -ATPase from Mammalian Kidneys and <i>Xenopus</i> Oocytes by Protein Kinases: Characterization of the Phosphorylation Site for Protein Kinase C. Cellular Physiology and Biochemistry, 1997, 7, 1-18.	1.1	21
73	Modulation of Na+,K(+)-ATPase activity by a tyrosine phosphorylation process in rat proximal convoluted tubule Journal of Physiology, 1997, 498, 99-108.	1.3	39
74	Chapter 1 Transport Components of Net Secretion of the Aqueous Humor and Their Integrated Regulation. Current Topics in Membranes, 1997, 45, 1-24.	0.5	13

#	Article	IF	CITATIONS
77	Phosphorylation of Cardiac Na+-K+ATPase by Ca2+/Calmodulin Dependent Protein Kinase. Biochemical and Biophysical Research Communications, 1997, 238, 544-548.	1.0	13
78	Relevance of Na,K-ATPase to local extracellular potassium homeostasis and modulation of synaptic transmission. FEBS Letters, 1997, 412, 1-4.	1.3	66
79	PROTEIN KINASE C FROM BAT BRAIN: THE ENZYME FROM A HIBERNATING MAMMAL. Neurochemistry International, 1997, 31, 139-150.	1.9	19
80	Dual inhibitory effects of dopamine on Na+ homeostasis in rat aorta smooth muscle cells. American Journal of Physiology - Cell Physiology, 1997, 272, C428-C438.	2.1	9
81	Mutation of the Protein Kinase C Phosphorylation Site on Rat α1 Na+,K+-ATPase Alters Regulation of Intracellular Na+ and pH and Influences Cell Shape and Adhesiveness. Journal of Biological Chemistry, 1997, 272, 20179-20184.	1.6	56
82	Receptor-mediated inhibition of renal Na ⁺ -K ⁺ -ATPase is associated with endocytosis of its α- and β-subunits. American Journal of Physiology - Cell Physiology, 1997, 273, C1458-C1465.	2.1	114
83	Na+-K+-ATPase in frog esophagus mucociliary cell membranes: inhibition by protein kinase C activation. American Journal of Physiology - Cell Physiology, 1997, 273, C1842-C1848.	2.1	4
84	PKA-mediated phosphorylation and inhibition of Na(+)-K(+)-ATPase in response to beta-adrenergic hormone. American Journal of Physiology - Cell Physiology, 1997, 273, C893-C901.	2.1	66
85	Regulation of rat Na ⁺ -K ⁺ -ATPase activity by PKC is modulated by state of phosphorylation of Ser-943 by PKA. American Journal of Physiology - Cell Physiology, 1997, 273, C1981-C1986.	2.1	42
86	Protein Kinase C Activation Regulates Human Serotonin Transporters in HEK-293 Cells via Altered Cell Surface Expression. Journal of Neuroscience, 1997, 17, 45-57.	1.7	331
87	Cloning of the Eel Electroplax Na+,K+-ATPase ? Subunit. Annals of the New York Academy of Sciences, 1997, 834, 129-131.	1.8	6
88	Phosphorylation of Na,K-ATPase by Protein Kinases. Annals of the New York Academy of Sciences, 1997, 834, 479-488.	1.8	29
89	Cell shrinkage and apoptosis: a role for potassium and sodium ion efflux. Cell Death and Differentiation, 1997, 4, 756-770.	5.0	116
90	Studies on the mechanism of short-term regulation of pulmonary artery endothelial cell Na/K pump activity. Translational Research, 1997, 130, 157-168.	2.4	8
91	Protein kinase and protein phosphatase presence in the stria vascularis. Pflugers Archiv European Journal of Physiology, 1997, 433, 603-608.	1.3	7
92	Regulation of Na,K-ATPase Transport Activity by Protein Kinase C. Journal of Membrane Biology, 1997, 155, 219-227.	1.0	64
93	5-hydroxytryptamine regulates the (Na++K+)ATPase activity in malpighian tubules ofRhodnius prolixus: Evidence for involvement of G-protein and cAMP-dependent protein kinase. Archives of Insect Biochemistry and Physiology, 1997, 36, 203-214.	0.6	16
94	α-Adrenergic effects on Na+-K+pump current in guinea-pig ventricular myocytes. Journal of Physiology, 1998, 509, 117-128.	1.3	29

#	Article	IF	Citations
95	Protein kinase A induces recruitment of active Na+,K+-ATPase units to the plasma membrane of rat proximal convoluted tubule cells. Journal of Physiology, 1998, 511, 235-243.	1.3	64
96	Microsphere embolism-induced changes in noradrenaline uptake of the cerebral cortex in rats. Brain Research, 1998, 808, 190-196.	1.1	3
97	Insect Na+/K+-ATPase. Journal of Insect Physiology, 1998, 44, 197-210.	0.9	55
98	Renal Dopamine Receptors in Health and Hypertension. , 1998, 80, 149-182.		204
99	Sodium taurocholate cotransporting polypeptide is a serine, threonine phosphoprotein and is dephosphorylated by cyclic adenosine monophosphate. Hepatology, 1998, 28, 1629-1636.	3.6	65
100	Localization of protein kinase C in normal and galactosemic bovine lens epithelial cells in culture. Histochemistry and Cell Biology, 1998, 110, 89-94.	0.8	3
101	The inhibitory effect of Î ² -stimulation on the Na/K pump current in guinea pig ventricular myocytes is mediated by a cAMP-dependent PKA pathway. Pflugers Archiv European Journal of Physiology, 1998, 435, 479-484.	1.3	21
102	Fencamfamine modulates sodium, potassium-ATPase through cyclic AMP and cyclic AMP-dependent protein kinase in rat striatum. Journal of Neural Transmission, 1998, 105, 549-560.	1.4	11
103	Urea Inhibits the Na-K Pump in Human Erythrocytes. Journal of Membrane Biology, 1998, 165, 125-131.	1.0	14
104	Forskolin–induced down–regulation of Na+,K+–ATPase activity is not associated with internalization of the enzyme. Acta Physiologica Scandinavica, 1998, 164, 39-46.	2.3	13
105	The DARPP-32/protein phosphatase-1 cascade: a model for signal integration1Published on the World Wide Web on 22 January 1998.1. Brain Research Reviews, 1998, 26, 274-284.	9.1	152
106	Interleukin-1 beta inhibits the intestinal transport of [14C] 3-O-methylglucose in the rat. Life Sciences, 1998, 63, 1913-1919.	2.0	13
107	Inhibition of Na,K-ATPase activity by cGMP is isoform-specific in brain endothelial cells. FEBS Letters, 1998, 436, 466-470.	1.3	19
108	Differential Regulation of Na,K-ATPase Isozymes by Protein Kinases and Arachidonic Acid. Archives of Biochemistry and Biophysics, 1998, 359, 139-150.	1.4	65
109	Regulation of Endothelial Na+-K+-ATPase Activity by cAMP. Biochemical and Biophysical Research Communications, 1998, 242, 93-97.	1.0	7
110	Phosphatidylinositol 3-Kinase-mediated Endocytosis of Renal Na+,K+-ATPase α Subunit in Response to Dopamine. Molecular Biology of the Cell, 1998, 9, 1209-1220.	0.9	82
111	Role of Protein Phosphatases in Cyclic AMP-mediated Stimulation of Hepatic Na+/Taurocholate Cotransport. Journal of Biological Chemistry, 1998, 273, 30039-30045.	1.6	42
112	Dopamine Receptors: From Structure to Function. Physiological Reviews, 1998, 78, 189-225.	13.1	3,059

#	Article	IF	CITATIONS
113	Na+,K+-ATPase Phosphorylation in the Choroid Plexus: Synergistic Regulation by Serotonin/Protein Kinase C and Isoproterenol/cAMP-PK/PP-1 Pathways. Molecular Medicine, 1998, 4, 258-265.	1.9	20
114	Phosphorylation of the Catalyic α-Subunit Constitutes a Triggering Signal for Na+,K+-ATPase Endocytosis. Journal of Biological Chemistry, 1998, 273, 8814-8819.	1.6	146
115	Reversible effects of acute hypertension on proximal tubule sodium transporters. American Journal of Physiology - Cell Physiology, 1998, 274, C1090-C1100.	2.1	81
116	Dopamine-dependent inhibition of jejunal Na ⁺ -K ⁺ -ATPase during high-salt diet in young but not in adult rats. American Journal of Physiology - Renal Physiology, 1998, 275, G1317-G1323.	1.6	29
117	Effects of okadaic acid, calyculin A, and PDBu on state of phosphorylation of rat renal Na ⁺ -K ⁺ -ATPase. American Journal of Physiology - Renal Physiology, 1998, 275, F863-F869.	1.3	18
118	Sodium/Calcium Exchange: Its Physiological Implications. Physiological Reviews, 1999, 79, 763-854.	13.1	1,551
119	Modulation of arterial Na ⁺ -K ⁺ -ATPase-induced [Ca ²⁺] _i reduction and relaxation by norepinephrine, ET-1, and PMA. American Journal of Physiology - Heart and Circulatory Physiology, 1999, 276, H651-H657.	1.5	5
120	Angiotensin regulates the selectivity of the Na+-K+ pump for intracellular Na+. American Journal of Physiology - Cell Physiology, 1999, 277, C461-C468.	2.1	27
121	Chelerythrine increases Na-K-ATPase activity and limits ischemic injury in isolated rat hearts. American Journal of Physiology - Heart and Circulatory Physiology, 1999, 277, H999-H1006.	1.5	21
122	Isoproterenol increases Na ⁺ -K ⁺ -ATPase activity by membrane insertion of α-subunits in lung alveolar cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 1999, 276, L20-L27.	1.3	107
123	Glucose Decreases Na+,K+-ATPase Activity in Pancreatic β-Cells. Journal of Biological Chemistry, 1999, 274, 2000-2008.	1.6	65
124	Insulin-induced Stimulation of Na ⁺ ,K ⁺ -ATPase Activity in Kidney Proximal Tubule Cells Depends on Phosphorylation of the α-Subunit at Tyr-10. Molecular Biology of the Cell, 1999, 10, 2847-2859.	0.9	95
125	Na+,K+ pump and Na+-coupled ion carriers in isolated mammalian kidney epithelial cells: regulation by protein kinase C. Canadian Journal of Physiology and Pharmacology, 1999, 77, 305-319.	0.7	29
126	Dopamine-induced Endocytosis of Na+,K+-ATPase Is Initiated by Phosphorylation of Ser-18 in the Rat α Subunit and Is Responsible for the Decreased Activity in Epithelial Cells. Journal of Biological Chemistry, 1999, 274, 1920-1927.	1.6	190
127	Effect of cAMP on the activity and the phosphorylation of Na+,K+-ATPase in rat thick ascending limb of Henle. Kidney International, 1999, 55, 1819-1831.	2.6	53
128	[Ca2+]idetermines the effects of protein kinases A and C on activity of rat renal Na+,K+-ATPase. Journal of Physiology, 1999, 518, 37-46.	1.3	65
129	Vascular sodium pump endothelial modulation and alterations in some pathological processes and aging. , 1999, 84, 249-271.		45
130	Nitric oxide modulates Na+, K+-ATPase activity through cyclic GMP pathway in proximal rat trachea. European Journal of Pharmacology, 1999, 367, 307-314.	1.7	21

#	Article	IF	CITATIONS
131	Phosphorylation of the alpha-subunits of the Na+/K+-ATPase from mammalian kidneys and Xenopus oocytes by cGMP-dependent protein kinase results in stimulation of ATPase activity. FEBS Journal, 1999, 260, 904-910.	0.2	38
132	Mutations of Ser-23 of the α1 subunit of the rat Na+/K+-ATPase to negatively charged amino acid residues mimic the functional effect of PKC-mediated phosphorylation. FEBS Letters, 1999, 455, 8-12.	1.3	14
133	PKC-β and PKC-ζ mediate opposing effects on proximal tubule Na+,K+-ATPase activity. FEBS Letters, 1999, 456, 45-48.	1.3	92
134	Regulation of Ground Squirrel Na+K+-ATPase Activity by Reversible Phosphorylation during Hibernation. Biochemical and Biophysical Research Communications, 1999, 254, 424-429.	1.0	125
135	Altered sodium pump alpha and gamma subunit gene expression in nephron segments from hypertensive rats. Journal of Hypertension, 1999, 17, 1081-1087.	0.3	22
136	Ginkgo biloba extract (EGb 761) protects Na,K-ATPase activity during cerebral ischemia in mice. NeuroReport, 1999, 10, 47-51.	0.6	72
137	The Presence and Role of the Dopamine DAâ€⊋ Receptor in the Human Decidua. Journal of Obstetrics and Gynaecology Research, 2000, 26, 449-454.	0.6	6
138	Na+, K+-ATPase Isozyme Diversity; Comparative Biochemistry and Physiological Implications of Novel Functional Interactions. Bioscience Reports, 2000, 20, 51-91.	1.1	280
139	Intrarenal Dopamine: A Key Signal in the Interactive Regulation of Sodium Metabolism. Annual Review of Physiology, 2000, 62, 621-647.	5.6	225
140	Species-specific peculiarities of functional reactions of the sodium pump to phosphorylation by protein kinase A. Journal of Evolutionary Biochemistry and Physiology, 2000, 36, 11-16.	0.2	0
141	Regulation of Na ⁺ -K ⁺ -ATPase by cAMP-dependent protein kinase anchored on membrane via its anchoring protein. American Journal of Physiology - Cell Physiology, 2000, 279, C1516-C1527.	2.1	18
142	Mechanisms of sodium pump regulation. American Journal of Physiology - Cell Physiology, 2000, 279, C541-C566.	2.1	655
143	Phosphoinositide-3 kinase binds to a proline-rich motif in the Na+,K+-ATPase alpha subunit and regulates its trafficking. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 6556-6561.	3.3	162
144	Effects of Deferoxamine, a Chelator of Free Iron, on Na+,K+-ATPase Activity of Cortical Brain Cell Membrane during Early Reperfusion after Hypoxia-Ischemia in Newborn Lambs. Pediatric Research, 2000, 48, 560-564.	1.1	51
145	Carotenoid oxidative degradation products inhibit Na+-K+-ATPase. Free Radical Research, 2000, 33, 427-435.	1.5	41
146	Is Phosphorylation of the α1 Subunit at Ser-16 Involved in the Control of Na,K-ATPase Activity by Phorbol Ester–activated Protein Kinase C?. Molecular Biology of the Cell, 2000, 11, 39-50.	0.9	28
147	Angiotensin II modulates the activity of the Na+/K+ATPase in eel kidney. Journal of Endocrinology, 2000, 165, 147-156.	1.2	15
148	Interaction of Protein Kinase C and cAMP-dependent Pathways in the Phosphorylation of the Na,K-ATPase. Journal of Biological Chemistry, 2000, 275, 34693-34700.	1.6	52

#	Article	IF	CITATIONS
149	Immunohistochemical localization of adenylyl cyclase isoforms in the lateral wall of the rat cochlea. Molecular Brain Research, 2000, 76, 289-298.	2.5	15
150	Simultaneous Phosphorylation of Ser11 and Ser18 in the α-Subunit Promotes the Recruitment of Na+,K+-ATPase Molecules to the Plasma Membrane. Biochemistry, 2000, 39, 9884-9892.	1.2	80
151	The cell biology of ion pumps: sorting and regulation. European Journal of Cell Biology, 2000, 79, 557-563.	1.6	36
152	Phosphorylation of the Catalytic Subunit of Rat Renal Na+,K+-ATPase by Classical PKC Isoforms. Archives of Biochemistry and Biophysics, 2001, 388, 74-80.	1.4	35
153	Proline Transport in MDCK Cells Expressing a Mutant Regulatory Subunit of cAMP-Dependent Protein Kinase. Molecular Genetics and Metabolism, 2001, 72, 45-53.	0.5	6
154	Differential regulation of Na + ,K + -ATPase and the Na + -coupled glucose transporter in hypertensive rat kidney. Biochimica Et Biophysica Acta - Biomembranes, 2001, 1510, 118-124.	1.4	15
155	Insulin increases plasma membrane content and reduces phosphorylation of Na ⁺ -K ⁺ pump α ₁ -subunit in HEK-293 cells. American Journal of Physiology - Cell Physiology, 2001, 281, C1797-C1803.	2.1	27
156	Sodium-Potassium-Adenosinetriphosphatase-Dependent Sodium Transport in the Kidney: Hormonal Control. Physiological Reviews, 2001, 81, 345-418.	13.1	422
157	Predicted location and limited accessibility of protein kinase A phosphorylation site on Na-K-ATPase. American Journal of Physiology - Cell Physiology, 2001, 280, C1017-C1026.	2.1	41
158	NO/cGMP signaling modulates regulation of Na ⁺ -K ⁺ -ATPase activity by angiotensin II in rat proximal tubules. American Journal of Physiology - Renal Physiology, 2001, 280, F474-F479.	1.3	30
159	Regulation of sodium/potassium ATPase activity: Impact on salt balance and vascular contractility. Current Hypertension Reports, 2001, 3, 165-171.	1.5	34
160	Characterization of acute inhibition of Na/H exchanger NHE-3 by dopamine in opossum kidney cells. Kidney International, 2001, 59, 197-209.	2.6	47
161	Cytoskeleton elements mediate the inhibition of the (Na++K+)atpase activity by PKC inRhodnius prolixus malpighian tubules during hyperosmotic shock. Archives of Insect Biochemistry and Physiology, 2001, 48, 81-88.	0.6	7
162	cAMP-Dependent Protein Kinase Inhibits Proline Transport Across the Rat Renal Tubular Brush Border Membrane. Bioscience Reports, 2001, 21, 613-626.	1.1	5
163	Modulation of Na,K-ATPase by associated small transmembrane regulatory proteins and by lipids. Journal of Bioenergetics and Biomembranes, 2001, 33, 415-423.	1.0	29
164	Phosphorylation of the alpha-subunit of Na,K-ATPase from duck salt glands by cAMP-dependent protein kinase inhibits the enzyme activity. Biochemistry (Moscow), 2001, 66, 865-874.	0.7	5
165	Renal Dopamine System. Hypertension, 2001, 38, 297-302.	1.3	138
166	Insulin- and Glucose-Induced Phosphorylation of the Na ⁺ ,K ⁺ -Adenosine Triphosphatase α-Subunits in Rat Skeletal Muscle. Endocrinology, 2001, 142, 3474-3482.	1.4	51

	CITATION	CITATION REPORT	
#	Article	IF	CITATIONS
167	Agonist-dependent Regulation of Renal Na+, K+-ATPase Activity Is Modulated by Intracellular Sodium Concentration. Journal of Biological Chemistry, 2002, 277, 11489-11496.	1.6	55
168	Protein Kinase C Phosphorylation of Purified Na,K-ATPase: C-Terminal Phosphorylation Sites at the α- and γ-Subunits Close to the Inner Face of the Plasma Membrane. Biophysical Journal, 2002, 82, 1907-1919.	0.2	34
169	Changes in the fatty acid composition of phospholipids in tissues of farmed sea bass (Dicentrarchus) Tj ETQqC Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2002, 133, 281-288.	0 0 rgBT /C 0.7	Overlock 10 Tf 68
170	PTH and DA regulate Na-K ATPase through divergent pathways. American Journal of Physiology - Renal Physiology, 2002, 282, F512-F522.	1.3	33
171	The biochemistry and medical significance of the flavonoids. , 2002, 96, 67-202.		2,007
172	Protein kinase C-dependent inhibition of the lysosomal degradation of endocytosed proteins in rat hepatocytes. Cellular Signalling, 2002, 14, 641-647.	1.7	10
173	Dopamine-induced inhibition of Na+-K+-ATPase activity requires integrity of actin cytoskeleton in opossum kidney cells. Acta Physiologica Scandinavica, 2002, 175, 93-101.	2.3	14
174	Intracellular sodium modulates the state of protein kinase C phosphorylation of rat proximal tubule Na+,K+-ATPase. Acta Physiologica Scandinavica, 2002, 175, 165-171.	2.3	23
175	Serotonin 5â€HT _{2C} Receptor Stimulates Cyclic GMP Formation in Choroid Plexus. Journal of Neurochemistry, 1995, 64, 199-205.	2.1	54
176	Phorbol Esters Increase Dopamine Transporter Phosphorylation and Decrease Transport <i>V</i> _{max} . Journal of Neurochemistry, 1997, 68, 225-232.	2.1	157
177	Isoformâ€5pecific Upâ€Regulation by Ouabain of Na ⁺ ,K ⁺ â€ATPase in Cultured Rat Astrocytes. Journal of Neurochemistry, 1997, 69, 2189-2196.	2.1	32
178	Regulation of Na+, K+ -ATPase Isoforms in Rat Neostriatum by Dopamine and Protein Kinase C. Journal of Neurochemistry, 2002, 73, 1492-1501.	2.1	69
179	Predicted Alterations in Tertiary Structure of the N-Terminus of Na ⁺ /K ⁺ -ATPase α-Subunit Caused by Phosphorylation or Acidic Replacement of the PKC Phosphorylation Site Ser-23. Cell Biochemistry and Biophysics, 2002, 37, 083-096.	0.9	1
180	C-Peptide stimulates Na+,K+-ATPase activity via PKC alpha in rat medullary thick ascending limb. Diabetologia, 2003, 46, 124-131.	2.9	74
181	Trafficking of Na,K-ATPase Fused to Enhanced Green Fluorescent Protein Is Mediated by Protein Kinase A or C. Journal of Membrane Biology, 2003, 191, 25-36.	1.0	20
182	Mechanisms of Na + -K + -ATPase phosphorylation by PKC in the medullary thick ascending limb of Henle in the rat. Pflugers Archiv European Journal of Physiology, 2003, 447, 87-96.	1.3	19
183	Age-related oxidative inactivation of Na+, K+-ATPase in rat brain crude synaptosomes. Experimental Gerontology, 2003, 38, 705-710.	1.2	39
184	Specific expression of an A-kinase anchoring protein subtype, AKAP-150, and specific regulatory mechanism for Na+,K+-ATPase via protein kinase A in the parotid gland among the three major salivary glands of the rat. Biochemical Pharmacology, 2003, 66, 239-250.	2.0	7

#	Article	IF	CITATIONS
185	Intermolecular Interaction between Na ⁺ /K ⁺ â€ATPase α Subunit and Glycogen Phosphorylase. Annals of the New York Academy of Sciences, 2003, 986, 522-524.	1.8	1
186	Regulation of Na,Kâ€ATPase by cAMPâ€Dependent Protein Kinase Anchored on Membrane via Aâ€Kinase Anchoring Protein Subtype, AKAPâ€150, in Rat Parotid Gland. Annals of the New York Academy of Sciences, 2003, 986, 636-638.	1.8	2
187	Transport Protein Trafficking in Polarized Cells. Annual Review of Cell and Developmental Biology, 2003, 19, 333-366.	4.0	112
188	Na+-K+ pump and \hat{l}^2 -adrenergic responses in smooth muscle. Biogenic Amines, 2004, 18, 435-450.	0.3	0
189	Clathrin-mediated Endocytosis of Na+,K+-ATPase in Response to Parathyroid Hormone Requires ERK-dependent Phosphorylation of Ser-11 within the α1-Subunit. Journal of Biological Chemistry, 2004, 279, 17418-17427.	1.6	62
190	Expression of natriuretic peptides, nitric oxide synthase, and guanylate cyclase activity in frog mesonephros during the annual cycle. General and Comparative Endocrinology, 2004, 137, 166-176.	0.8	5
191	The influence of Lyn kinase on Na,K-ATPase in porcine lens epithelium. American Journal of Physiology - Cell Physiology, 2004, 286, C90-C96.	2.1	21
192	Modulation of Na+ transport and epithelial sodium channel expression by protein kinase C in rat alveolar epithelial cells. Canadian Journal of Physiology and Pharmacology, 2005, 83, 977-987.	0.7	16
193	Serine 68 phosphorylation of phospholemman: acute isoform-specific activation of cardiac Na/K ATPase. Cardiovascular Research, 2005, 65, 93-103.	1.8	108
194	Stimulation of Na+ transport by AVP is independent of PKA phosphorylation of the Na-K-ATPase in collecting duct principal cells. American Journal of Physiology - Renal Physiology, 2005, 289, F1031-F1039.	1.3	23
195	Dephosphorylation of Ser-226 Facilitates Plasma Membrane Retention of Ntcp. Journal of Biological Chemistry, 2005, 280, 33687-33692.	1.6	39
196	The Î ³ subunit of Na+, K+-ATPase: Role on ATPase activity and regulatory phosphorylation by PKA. International Journal of Biochemistry and Cell Biology, 2006, 38, 1901-1913.	1.2	24
197	In vitro thyroid hormone rapidly modulates protein phosphorylation in cerebrocortical synaptosomes from adult rat brain. Neuroscience, 2006, 137, 125-132.	1.1	19
198	Serotonin transport and serotonin transporterâ€mediated antidepressant recognition are controlled by 5â€HT 2B receptor signaling in serotonergic neuronal cells. FASEB Journal, 2006, 20, 1843-1854.	0.2	100
199	An Overview of Autonomic Regulation of Parotid Gland Activity: Influence of Orchiectomy. Cells Tissues Organs, 2006, 182, 117-128.	1.3	8
200	Suppression of Na+/K+-ATPase activity during estivation in the land snail Otala lactea. Journal of Experimental Biology, 2006, 209, 677-688.	0.8	77
201	Phospholemman Phosphorylation Alters Its Fluorescence Resonance Energy Transfer with the Na/K-ATPase Pump. Journal of Biological Chemistry, 2006, 281, 32765-32773.	1.6	49
202	Involvement of cAMP/cAMP-Dependent Protein Kinase Signaling Pathway in Regulation of Na+,K+-ATPase upon Activation of Opioid Receptors by Morphine. Molecular Pharmacology, 2006, 69, 866-876.	1.0	18

#	Article	IF	CITATIONS
203	Identification of a Pool of Non-pumping Na/K-ATPase. Journal of Biological Chemistry, 2007, 282, 10585-10593.	1.6	213
204	Tribute to P. L. Lutz: putting life on `pause' – molecular regulation of hypometabolism. Journal of Experimental Biology, 2007, 210, 1700-1714.	0.8	239
205	Involvement of zebrafish Na+,K+ ATPase in myocardial cell junction maintenance. Journal of Cell Biology, 2007, 176, 223-230.	2.3	28
206	Involvement of Dopamine System in Regulation of Na+,K+-ATPase in the Striatum upon Activation of Opioid Receptors by Morphine. Molecular Pharmacology, 2007, 71, 519-530.	1.0	27
207	Impaired Angiotensin II AT1Receptor Function and Enhanced Na, K-ATPase Affinity for Sodium in Proximal Tubule of Streptozotocin-Treated Diabetic Rats. Clinical and Experimental Hypertension, 2007, 29, 435-444.	0.5	4
208	Regulation of the Na,K-ATPase: Special implications for cardiovascular complications of metabolic syndrome. Pathophysiology, 2007, 14, 153-158.	1.0	11
209	Immunolocalization of Protein Kinase C Isoenzymes α, βI, βII and γ in Adult and Developing Rat Kidney. Electrolyte and Blood Pressure, 2007, 5, 75.	0.6	3
210	Cardiotonic steroids on the road to anti-cancer therapy. Biochimica Et Biophysica Acta: Reviews on Cancer, 2007, 1776, 32-57.	3.3	163
211	Dopamine receptors and hypertension. Current Hypertension Reports, 2008, 10, 268-275.	1.5	61
212	Opposing Actions of D ₁ and D ₂ â€Dopamine Receptors on Arachidonic Acid Release and Cyclic AMP Production in Striatal Neurons. Journal of Neurochemistry, 1994, 62, 944-949.	2.1	43
213	Na ⁺ /K ⁺ â€ATPaseâ€mediated signal transduction and Na ⁺ /K ⁺ â€ATPase regulation. Fundamental and Clinical Pharmacology, 2008, 22, 615-621.	1.0	83
214	Na ⁺ /K ⁺ -ATPase α subunits as new targets in anticancer therapy. Expert Opinion on Therapeutic Targets, 2008, 12, 1403-1417.	1.5	64
215	Paracrine Regulation of Renal Function by Dopamine. , 2008, , 443-461.		2
216	Endogenous Cardiotonic Steroids: Physiology, Pharmacology, and Novel Therapeutic Targets. Pharmacological Reviews, 2009, 61, 9-38.	7.1	475
217	Modulation of the Immune System by Ouabain. Annals of the New York Academy of Sciences, 2009, 1153, 153-163.	1.8	34
218	Regulation of Human and Pig Renal Na+,K+-ATPase Activity by Tyrosine Phosphorylation of Their α1-Subunits. Journal of Membrane Biology, 2010, 233, 119-126.	1.0	8
219	Correlation of the time course of development and decay of tolerance to morphine with alterations in sodium pump protein isoform abundance. Biochemical Pharmacology, 2010, 79, 1015-1024.	2.0	11
220	Phosphorylation of the Na ⁺ ,K ⁺ â€ATPase and the H ⁺ ,K ⁺ â€ATPase. FEBS Letters, 2010, 584, 2589-2595.	1.3	86

#	Article	IF	CITATIONS
221	Oxidation of lecithin in the presence of dihydroquercetin and its complex with divalent iron ions. Biophysics (Russian Federation), 2010, 55, 59-66.	0.2	3
222	Compensatory proteome adjustments imply tissue-specific structural and metabolic reorganization following episodic hypoxia or anoxia in the epaulette shark (Hemiscyllium ocellatum). Physiological Genomics, 2010, 42, 93-114.	1.0	42
223	Regulatory phosphorylation of FXYD2 by PKC and cross interactions between FXYD2, plasmalemmal Ca-ATPase and Na,K-ATPase. Archives of Biochemistry and Biophysics, 2011, 505, 75-82.	1.4	11
224	Possible Involvement of Protein Kinase C in the Modulation of Inotropic and Chronotropic Effects Induced by Ouabain in Rat Right Atrial Muscles. Journal of Pharmacy and Pharmacology, 2011, 49, 925-929.	1.2	3
225	Renal responses to salinity change in snakes with and without salt glands. Journal of Experimental Biology, 2011, 214, 2140-2156.	0.8	21
226	Protein Kinase A (PKA) Phosphorylation of Na+/K+-ATPase Opens Intracellular C-terminal Water Pathway Leading to Third Na+-binding site in Molecular Dynamics Simulations*. Journal of Biological Chemistry, 2012, 287, 15959-15965.	1.6	23
227	2011 Homer Smith Award. Journal of the American Society of Nephrology: JASN, 2012, 23, 1283-1290.	3.0	33
228	The gasotransmitter hydrogen sulphide decreases Na ⁺ transport across pulmonary epithelial cells. British Journal of Pharmacology, 2012, 166, 1946-1963.	2.7	29
229	New Insights into the Regulation of Na+,K+-ATPase by Ouabain. International Review of Cell and Molecular Biology, 2012, 294, 99-132.	1.6	43
230	"Quo Vadis?―Deciphering the Code of Nongenomic Action of Thyroid Hormones in Mature Mammalian Brain. , 2012, , .		0
231	Sodium and Chloride Transport: Proximal Nephron. , 2013, , 1081-1141.		11
232	Mechanisms of L-Triiodothyronine-Induced Inhibition of Synaptosomal Na+-K+-ATPase Activity in Young Adult Rat Brain Cerebral Cortex. Journal of Thyroid Research, 2013, 2013, 1-9.	0.5	3
233	Parallel ionoregulatory adjustments underlie phenotypic plasticity and evolution of <i>Drosophila</i> cold tolerance. Journal of Experimental Biology, 2015, 218, 423-32.	0.8	68
234	Hydrogen Sulfide Targets EGFR Cys797/Cys798 Residues to Induce Na ⁺ /K ⁺ ATPase Endocytosis and Inhibition in Renal Tubular Epithelial Cells and Increase Sodium Excretion in Chronic Salt-Loaded Rats. Antioxidants and Redox Signaling, 2014, 21, 2061-2082.	2.5	54
235	D ₁ -like dopamine receptors downregulate Na ⁺ -K ⁺ -ATPase activity and increase cAMP production in the posterior gills of the blue crab <i>Callinectes sapidus</i> . American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2014, 307, R634-R642.	0.9	6
236	Using GO-WAR for mining cross-ontology weighted association rules. Computer Methods and Programs in Biomedicine, 2015, 120, 113-122.	2.6	17
237	The Influence of Na+, K+-ATPase on Glutamate Signaling in Neurodegenerative Diseases and Senescence. Frontiers in Physiology, 2016, 7, 195.	1.3	49
238	<scp>NO</scp> turns on Na,Kâ€ <scp>ATP</scp> ase in skeletal muscle. Acta Physiologica, 2016, 216, 386-391.	1.8	1

#	Article	IF	CITATIONS
239	Protein Kinase C as Regulator of Vascular Smooth Muscle Function and Potential Target in Vascular Disorders. Advances in Pharmacology, 2017, 78, 203-301.	1.2	75
240	Evolving mechanisms of vascular smooth muscle contraction highlight key targets in vascular disease. Biochemical Pharmacology, 2018, 153, 91-122.	2.0	107
241	Genomeâ€wide association studies to identify rice saltâ€ŧolerance markers. Plant, Cell and Environment, 2018, 41, 970-982.	2.8	80
242	Expression of Na+/K+-ATPase Was Affected by Salinity Change in Pacific abalone Haliotis discus hannai. Frontiers in Physiology, 2018, 9, 1244.	1.3	27
243	Identification of SNPs and Candidate Genes Associated With Salt Tolerance at the Seedling Stage in Cotton (Gossypium hirsutum L.). Frontiers in Plant Science, 2018, 9, 1011.	1.7	50
244	The epinephrine-induced PGE2 reduces Na+/K+ ATPase activity in Caco-2 cells via PKC, NF-κB and NO. PLoS ONE, 2019, 14, e0220987.	1.1	4
245	Unique Regulation of Na-K-ATPase during Growth and Maturation of Intestinal Epithelial Cells. Cells, 2019, 8, 593.	1.8	10
246	Regulation of Neuronal Na ⁺ /K ⁺ -ATPase by Specific Protein Kinases and Protein Phosphatases. Journal of Neuroscience, 2019, 39, 5440-5451.	1.7	26
247	Fluoride Exposure Induces Inhibition of Sodium-and Potassium-Activated Adenosine Triphosphatase (Na+, K+-ATPase) Enzyme Activity: Molecular Mechanisms and Implications for Public Health. International Journal of Environmental Research and Public Health, 2019, 16, 1427.	1.2	35
248	Hormonal regulation of Na+-K+-ATPase from the evolutionary perspective. Current Topics in Membranes, 2019, 83, 315-351.	0.5	13
249	Tubulin–Na ⁺ _, K ⁺ â€ATPase interaction: Involvement in enzymatic regulation and cellular function. Journal of Cellular Physiology, 2019, 234, 7752-7763.	2.0	9
250	Deletion of calcineurin from GFAPâ€expressing astrocytes impairs excitability of cerebellar and hippocampal neurons through astroglial Na ⁺ /K ⁺ ATPase. Glia, 2020, 68, 543-560.	2.5	22
251	Interstitial ions: A key regulator of state-dependent neural activity?. Progress in Neurobiology, 2020, 193, 101802.	2.8	60
252	The role of AMPK in regulation of Na+,K+-ATPase in skeletal muscle: does the gauge always plug the sink?. Journal of Muscle Research and Cell Motility, 2021, 42, 77-97.	0.9	13
253	Na+, K+-ATPase in the Brain: Structure and Function. , 2007, , 209-224.		7
254	Pathogenesis of Diabetic Neuropathy. , 1998, , 13-48.		30
255	Sparse-Fur (spf) Mouse as a Model of Hyperammonemia: Alterations in the Neurotransmitter Systems. Advances in Experimental Medicine and Biology, 1997, 420, 143-158.	0.8	23
256	Regulation of the Na+,K+-pump by Insulin. , 1994, , 670-681.		3

#	Article	IF	CITATIONS
257	Phosphorylation of Na,K-ATPase by Protein Kinases: Structure-Functions Relationship. , 1994, , 682-685.		3
258	Hyperammonemia and liver failure alter signal transduction associated with glutamate receptors and modulation of guanylate cyclase by nitric oxide. , 2003, , 193-208.		1
259	DARPP-32/Protein Phosphatase-1/Na+/K+ ATPase System: A Mechanism for Bidirectional Control of Cell Function. , 1994, , 43-58.		6
260	Identification of the phosphorylation site for cAMP-dependent protein kinase on Na+,K(+)-ATPase and effects of site-directed mutagenesis Journal of Biological Chemistry, 1994, 269, 9368-9373.	1.6	137
261	Phosphorylation of Na,K-ATPase alpha-subunits in microsomes and in homogenates of Xenopus oocytes resulting from the stimulation of protein kinase A and protein kinase C Journal of Biological Chemistry, 1992, 267, 22378-22384.	1.6	111
262	Conformation-dependent phosphorylation of Na,K-ATPase by protein kinase A and protein kinase C Journal of Biological Chemistry, 1994, 269, 30436-30444.	1.6	102
263	Heterogeneity of protein kinase C-mediated rapid regulation of Na/K-ATPase in kidney epithelial cells. Journal of Biological Chemistry, 1993, 268, 15958-15964.	1.6	104
264	Phosphorylation of the Na,K-ATPase alpha-subunit by protein kinase A and C in vitro and in intact cells. Identification of a novel motif for PKC-mediated phosphorylation Journal of Biological Chemistry, 1994, 269, 24437-24445.	1.6	160
265	Protein Phosphatase Type 1 Regulates Ion Homeostasis in <i>Saccharomyces cerevisiae</i> . Genetics, 2002, 160, 1423-1437.	1.2	39
266	Na,K-ATPase regulation in skeletal muscle. American Journal of Physiology - Endocrinology and Metabolism, 2016, 311, E1-E31.	1.8	79
267	Activation of protein kinase A acutely inhibits and phosphorylates Na/H exchanger NHE-3 Journal of Clinical Investigation, 1995, 96, 2187-2194.	3.9	85
268	Glucose-specific regulation of aldose reductase in capan-1 human pancreatic duct cells In vitro Journal of Clinical Investigation, 1997, 100, 1685-1692.	3.9	23
269	Diacylglycerol activation of protein kinase C results in a dual effect on Na+,K(+)-ATPase activity from intact renal proximal tubule cells. Journal of Cell Science, 1992, 101, 343-347.	1.2	30
270	The Molecular Basis of Chloride Transport in Shark Rectal Gland. Journal of Experimental Biology, 1994, 196, 405-418.	0.8	75
271	Rapid modulation of Na+/K+-ATPase activity in osmoregulatory tissues of a salmonid fish. Journal of Experimental Biology, 2001, 204, 701-709.	0.8	44
272	Protein Phosphatase 2A Interacts with the Na+,K+-ATPase and Modulates Its Trafficking by Inhibition of Its Association with Arrestin. PLoS ONE, 2011, 6, e29269.	1.1	25
273	Epinephrine modulates Na+/K+ ATPase activity in Caco-2 cells via Src, p38MAPK, ERK and PGE2. PLoS ONE, 2018, 13, e0193139.	1.1	6
274	Basolateral Translocation by Vasopressin of the Aldosterone-Induced Pool of Latent Na-K-ATPases Is Accompanied by $\hat{I}\pm 1$ Subunit Dephosphorylation. Journal of the American Society of Nephrology: JASN, 2001, 12, 1805-1818.	3.0	30

#	ARTICLE Cholinergic inhibition of Na-K-ATPase via activation of protein kinase C in Madin-Darby canine kidney	IF	CITATIONS
275	cells Journal of the American Society of Nephrology: JASN, 1993, 4, 195-205.	3.0	18
276	Bidirectional regulation of renal cortical Na+,K+-ATPase by protein kinase C Acta Biochimica Polonica, 2004, 51, 757-772.	0.3	19
277	Renal Redox Balance and Na+, K+-ATPase Regulation: Role in Physiology and Pathophysiology. , O, , .		2
278	The neuropeptide F/nitric oxide pathway is essential for shaping locomotor plasticity underlying locust phase transition. ELife, 2017, 6, .	2.8	36
279	Role of Na+-K+-ATPase in Nitric Oxide-Induced Relaxation. , 2000, , 49-64.		0
280	Oxidative Breakdown of Carotenoids and Biological Effects of Their Metabolites. , 2001, , .		0
281	Renal Ion-Translocating ATPases: The P-Type Family. , 2008, , 57-90.		1
282	Endogenous digitalis-like factors. , 1993, 41, 249-291.		16
283	Hormonal Modulation of Sodium Pump Activity: Identification of Second Messengers. E&M Endocrinology and Metabolism, 1994, , 226-240.	0.1	0
284	Hormonal regulation of Na+,K+-ATPase activity. , 1994, , 662-669.		0
285	Activation of Protein Kinase C Mediates Insulin Regulation of the Na-K Pump in Cultured Skeletal Muscle. Advances in Experimental Medicine and Biology, 1995, 381, 47-56.	0.8	0
286	Cation Transport ATPases. , 1996, , 223-241.		2
287	Vectorial Movement of Sodium in Lung Alveolar Epithelium: Role and Regulation of Na+,K+-ATPase. , 1998, , 45-52.		0
288	Therapeutic Potential of 17<i>Î ² </i> Estradiol with Tachykinin Neuropeptide NKB and A<i>Î ² </i>(25 - 35) on Na<sup>+</sup> - K ⁺ ATPase Activity in Aging Female Rat Brain. Advances in Aging Research, 2015, 04, 19-27.	0.3	0
290	Protein phosphatase type 2B (calcineurin)-mediated, FK506-sensitive regulation of intracellular ions in yeast is an important determinant for adaptation to high salt stress conditions. EMBO Journal, 1993, 12, 4063-71.	3.5	125
292	Na+,K(+)-ATPase phosphorylation in the choroid plexus: synergistic regulation by serotonin/protein kinase C and isoproterenol/cAMP-PK/PP-1 pathways. Molecular Medicine, 1998, 4, 258-65.	1.9	7
293	Brain Na(+), K(+)-ATPase Activity In Aging and Disease. International Journal of Biomedical Science, 2014, 10, 85-102.	0.5	71
295	Review: A history and perspective of mitochondria in the context of anoxia tolerance. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2022, 260, 110733.	0.7	5

#	Article	IF	CITATIONS
305	Adverse effect of FTY720P on colonic Na ⁺ /K ⁺ ATPase is mediated via ERK, p38MAPK, PKC, and PI3K. Journal of Applied Toxicology, 0, , .	1.4	2
307	Plasticity in Na+/K+-ATPase thermal kinetics drives variation in the temperature of cold-induced neural shutdown of adult <i>Drosophila melanogaster</i> . Journal of Experimental Biology, 2022, 225, .	0.8	4
308	Cow milk-derived exosomes enhance the activity of the Na+/K+ ATPase in Caco-2Âcells via EP3 and EP4 receptors. Food Bioscience, 2023, 53, 102606.	2.0	0