Gilles Crambert

List of Publications by Year
in descending order

37 papers	1,470 citations	394286 19 h-index	377752 34 g-index
39 all docs	39 docs citations	39 times ranked	1554 citing authors

#	Article	IF	Citations
1	Transport and Pharmacological Properties of Nine Different Human Na,K-ATPase Isozymes. Journal of Biological Chemistry, 2000, 275, 1976-1986.	1.6	373
2	Phospholemman (FXYD1) associates with Na,K-ATPase and regulates its transport properties. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 11476-11481.	3.3	249
3	FXYD Proteins: New Tissue-Specific Regulators of the Ubiquitous Na,K-ATPase. Science Signaling, 2003, 2003, re1-re1.	1.6	104
4	FXYD3 (Mat-8), a New Regulator of Na,K-ATPase. Molecular Biology of the Cell, 2005, 16, 2363-2371.	0.9	64
5	Airway surface liquid acidification initiates host defense abnormalities in Cystic Fibrosis. Scientific Reports, 2019, 9, 6516.	1.6	61
6	Electrogenicity of Na,K- and H,K-ATPase Activity and Presence of a Positively Charged Amino Acid in the Fifth Transmembrane Segment. Journal of Biological Chemistry, 2003, 278, 19237-19244.	1.6	51
7	Chronic potassium depletion increases adrenal progesterone production that is necessary for efficient renal retention of potassium. Kidney International, 2011, 80, 256-262.	2.6	43
8	Increased expression of ATP12A proton pump in cystic fibrosis airways. JCI Insight, 2018, 3, .	2.3	43
9	H-K-ATPase type 2: relevance for renal physiology and beyond. American Journal of Physiology - Renal Physiology, 2014, 306, F693-F700.	1.3	40
10	Human nongastric H⁺-K⁺-ATPase: transport properties of ATP1al1 assembled with different Î²-subunits. American Journal of Physiology - Cell Physiology, 2002, 283, C305-C314.	2.1	37
11	Glucagon actions on the kidney revisited: possible role in potassium homeostasis. American Journal of Physiology - Renal Physiology, 2016, 311, F469-F486.	1.3	32
12	Regulation of pendrin by cAMP: possible involvement in Î²-adrenergic-dependent NaCl retention. American Journal of Physiology - Renal Physiology, 2012, 302, F1180-F1187.	1.3	30
13	Intersubunit Interactions in Human X,K-ATPases:Â Role of Membrane Domains M9 and M10 in the Assembly Process and Association Efficiency of Human, Nongastric H,K-ATPase Î± Subunits (ATP1al1) with Known Î² Subunitsâ€. Biochemistry, 2000, 39, 12688-12698.	1.2	29
14	Mapping of sex hormone receptors and their modulators along the nephron of male and female mice. FEBS Letters, 2009, 583, 1644-1648.	1.3	29
15	Circadian expression of H,Kâ€ATPase type 2 contributes to the stability of plasma K ⁺ levels. FASEB Journal, 2012, 26, 2859-2867.	0.2	26
16	Renal Proteinase-activated Receptor 2, a New Actor in the Control of Blood Pressure and Plasma Potassium Level. Journal of Biological Chemistry, 2013, 288, 10124-10131.	1.6	23
17	The renal cortical collecting duct: a secreting epithelium?. Journal of Physiology, 2016, 594, 5991-6008.	1.3	23
18	Medullary and cortical thick ascending limb: similarities and differences. American Journal of Physiology - Renal Physiology, 2020, 318, F422-F442.	1.3	23

#	Article	IF	Citations
19	Expression Profile of Nuclear Receptors along Male Mouse Nephron Segments Reveals a Link between ERRÎ² and Thick Ascending Limb Function. PLoS ONE, 2012, 7, e34223.	1.1	22
20	A link between fertility and K+ homeostasis: role of the renal H,K-ATPase type 2. Pflugers Archiv European Journal of Physiology, 2013, 465, 1149-1158.	1.3	19
21	<i>Bufo marinus</i>bladder H-K-ATPase carries out electroneutral ion transport. American Journal of Physiology - Renal Physiology, 2001, 281, F869-F874.	1.3	18
22	Membrane progestin receptors Î± and Î³ in renal epithelium. Biochimica Et Biophysica Acta - Molecular Cell Research, 2008, 1783, 2234-2240.	1.9	18
23	Versatility of NaCl transport mechanisms in the cortical collecting duct. American Journal of Physiology - Renal Physiology, 2017, 313, F1254-F1263.	1.3	17
24	FXYD7, the First Brainâ€•and Isoformâ€Specific Regulator of Na,Kâ€ATPase. Annals of the New York Academy of Sciences, 2003, 986, 444-448.	1.8	15
25	H,K-ATPase type 2 contributes to salt-sensitive hypertension induced by K+ restriction. Pflugers Archiv European Journal of Physiology, 2016, 468, 1673-1683.	1.3	15
26	Î²m, a Structural Member of the X,K-ATPase Î² Subunit Family, Resides in the ER and Does Not Associate with Any Known X,K-ATPase Î± Subunitâ€. Biochemistry, 2002, 41, 6723-6733.	1.2	14
27	Deletion of the serine protease CAP2/Tmprss4 leads to dysregulated renal water handling upon dietary potassium depletion. Scientific Reports, 2019, 9, 19540.	1.6	11
28	Acidosisâ€induced activation of distal nephron principal cells triggers Gdf15 secretion and adaptive proliferation of intercalated cells. Acta Physiologica, 2021, 232, e13661.	1.8	10
29	Adrenal adaptation in potassium-depleted men: role of progesterone?. Nephrology Dialysis Transplantation, 2020, 35, 1901-1908.	0.4	9
30	H,K-ATPase type 2 regulates gestational extracellular compartment expansion and blood pressure in mice. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2020, 318, R320-R328.	0.9	8
31	ANP-stimulated Na+ secretion in the collecting duct prevents Na+ retention in the renal adaptation to acid load. American Journal of Physiology - Renal Physiology, 2019, 317, F435-F443.	1.3	4
32	A variant of ASIC2 mediates sodium retention in nephrotic syndrome. JCI Insight, 2021, 6, .	2.3	4
33	miR-324-5p and miR-30c-2-3p Alter Renal Mineralocorticoid Receptor Signaling under Hypertonicity. Cells, 2022, 11, 1377.	1.8	4
34	Increased colonic K+ excretion through inhibition of the H,K-ATPase type 2 helps reduce plasma K+ level in a murine model of nephronic reduction. Scientific Reports, 2021, 11, 1833.	1.6	1
35	H,K-ATPases in Epithelia. Physiology in Health and Disease, 2020, , 425-445.	0.2	1
36	Proliferation of renal intercalated cells type A after dietary K restriction involves GDF15 and the stimulation of the H,Kâ€ATPase type 2. FASEB Journal, 2019, 33, 862.24.	0.2	0

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37	Implication of GDF15 in the Context of a Renal Adaptation to a Low Potassium Diet. FASEB Journal, 2022, 36, .	0.2	0