

# Gilles Crambert

## List of Publications by Citations

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34  
papers

1,180  
citations

16  
h-index

34  
g-index

39  
ext. papers

1,320  
ext. citations

4.7  
avg, IF

3.99  
L-index

#	Paper	IF	Citations
34	Transport and pharmacological properties of nine different human Na, K-ATPase isozymes. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 1976-86	5.4	334
33	Phospholemman (FXD1) associates with Na,K-ATPase and regulates its transport properties. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2002</b> , 99, 11476-81	11.5	220
32	FXD proteins: new tissue-specific regulators of the ubiquitous Na,K-ATPase. <i>Science Signaling</i> , <b>2003</b> , 2003, RE1	8.8	88
31	FXD3 (Mat-8), a new regulator of Na,K-ATPase. <i>Molecular Biology of the Cell</i> , <b>2005</b> , 16, 2363-71	3.5	57
30	Electrogenicity of Na,K- and H,K-ATPase activity and presence of a positively charged amino acid in the fifth transmembrane segment. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 19237-44	5.4	45
29	Human nongastric H <sup>+</sup> -K <sup>+</sup> -ATPase: transport properties of ATP1a1 assembled with different beta-subunits. <i>American Journal of Physiology - Cell Physiology</i> , <b>2002</b> , 283, C305-14	5.4	34
28	Airway surface liquid acidification initiates host defense abnormalities in Cystic Fibrosis. <i>Scientific Reports</i> , <b>2019</b> , 9, 6516	4.9	33
27	Chronic potassium depletion increases adrenal progesterone production that is necessary for efficient renal retention of potassium. <i>Kidney International</i> , <b>2011</b> , 80, 256-62	9.9	32
26	H-K-ATPase type 2: relevance for renal physiology and beyond. <i>American Journal of Physiology - Renal Physiology</i> , <b>2014</b> , 306, F693-700	4.3	30
25	Intersubunit interactions in human X,K-ATPases: role of membrane domains M9 and M10 in the assembly process and association efficiency of human, nongastric H,K-ATPase alpha subunits (ATP1a1) with known beta subunits. <i>Biochemistry</i> , <b>2000</b> , 39, 12688-98	3.2	29
24	Increased expression of ATP12A proton pump in cystic fibrosis airways. <i>JCI Insight</i> , <b>2018</b> , 3,	9.9	28
23	Mapping of sex hormone receptors and their modulators along the nephron of male and female mice. <i>FEBS Letters</i> , <b>2009</b> , 583, 1644-8	3.8	25
22	Circadian expression of H,K-ATPase type 2 contributes to the stability of plasma K <sup>+</sup> levels. <i>FASEB Journal</i> , <b>2012</b> , 26, 2859-67	0.9	23
21	Regulation of pendrin by cAMP: possible involvement in $\beta$ -adrenergic-dependent NaCl retention. <i>American Journal of Physiology - Renal Physiology</i> , <b>2012</b> , 302, F1180-7	4.3	22
20	The renal cortical collecting duct: a secreting epithelium?. <i>Journal of Physiology</i> , <b>2016</b> , 594, 5991-6008	3.9	17
19	Renal proteinase-activated receptor 2, a new actor in the control of blood pressure and plasma potassium level. <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 10124-10131	5.4	16
18	Expression profile of nuclear receptors along male mouse nephron segments reveals a link between ERR $\alpha$ and thick ascending limb function. <i>PLoS ONE</i> , <b>2012</b> , 7, e34223	3.7	15

17	Membrane progesterin receptors alpha and gamma in renal epithelium. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2008</b> , 1783, 2234-40	4.9	15
16	Glucagon actions on the kidney revisited: possible role in potassium homeostasis. <i>American Journal of Physiology - Renal Physiology</i> , <b>2016</b> , 311, F469-86	4.3	15
15	Betam, a structural member of the X,K-ATPase beta subunit family, resides in the ER and does not associate with any known X,K-ATPase alpha subunit. <i>Biochemistry</i> , <b>2002</b> , 41, 6723-33	3.2	14
14	H,K-ATPase type 2 contributes to salt-sensitive hypertension induced by K(+) restriction. <i>Pflugers Archiv European Journal of Physiology</i> , <b>2016</b> , 468, 1673-83	4.6	13
13	A link between fertility and K+ homeostasis: role of the renal H,K-ATPase type 2. <i>Pflugers Archiv European Journal of Physiology</i> , <b>2013</b> , 465, 1149-58	4.6	13
12	Versatility of NaCl transport mechanisms in the cortical collecting duct. <i>American Journal of Physiology - Renal Physiology</i> , <b>2017</b> , 313, F1254-F1263	4.3	13
11	FXD7, the first brain- and isoform-specific regulator of Na,K-ATPase: biosynthesis and function of its posttranslational modifications. <i>Annals of the New York Academy of Sciences</i> , <b>2003</b> , 986, 444-8	6.5	13
10	<i>Bufo marinus</i> bladder H-K-ATPase carries out electroneutral ion transport. <i>American Journal of Physiology - Renal Physiology</i> , <b>2001</b> , 281, F869-74	4.3	12
9	Medullary and cortical thick ascending limb: similarities and differences. <i>American Journal of Physiology - Renal Physiology</i> , <b>2020</b> , 318, F422-F442	4.3	11
8	Deletion of the serine protease CAP2/Tmprss4 leads to dysregulated renal water handling upon dietary potassium depletion. <i>Scientific Reports</i> , <b>2019</b> , 9, 19540	4.9	4
7	ANP-stimulated Na secretion in the collecting duct prevents Na retention in the renal adaptation to acid load. <i>American Journal of Physiology - Renal Physiology</i> , <b>2019</b> , 317, F435-F443	4.3	3
6	H,K-ATPase type 2 regulates gestational extracellular compartment expansion and blood pressure in mice. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2020</b> , 318, R320-R328	3.2	2
5	Acidosis-induced activation of distal nephron principal cells triggers Gdf15 secretion and adaptive proliferation of intercalated cells. <i>Acta Physiologica</i> , <b>2021</b> , 232, e13661	5.6	2
4	Adrenal adaptation in potassium-depleted men: role of progesterone?. <i>Nephrology Dialysis Transplantation</i> , <b>2020</b> , 35, 1901-1908	4.3	2
3	H,K-ATPases in Epithelia. <i>Physiology in Health and Disease</i> , <b>2020</b> , 425-445	0.2	
2	Proliferation of renal intercalated cells type A after dietary K restriction involves GDF15 and the stimulation of the H,K-ATPase type 2. <i>FASEB Journal</i> , <b>2019</b> , 33, 862.24	0.9	
1	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. <i>Scientific Reports</i> , <b>2021</b> , 11, 1833	4.9	