Alain Doucet

List of Publications by Year
in descending order

21 papers	1,340 citations	516710 16 h-index	713466 21 g-index
24 all docs	24 docs citations	24 times ranked	1522 citing authors

#	Article	IF	Citations
1	The Na+-dependent chloride-bicarbonate exchanger SLC4A8 mediates an electroneutral Na+ reabsorption process in the renal cortical collecting ducts of mice. Journal of Clinical Investigation, 2010, 120, 1627-1635.	8.2	275
2	Activation of the renal Na ⁺ :Cl ^{â˜'} cotransporter by angiotensin II is a WNK4-dependent process. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 7929-7934.	7.1	230
3	Collecting Duct Na+/K+-ATPase Activity Is Correlated with Urinary Sodium Excretion in Rat Nephrotic Syndromes. Journal of the American Society of Nephrology: JASN, 2000, 11, 604-615.	6.1	100
4	Molecular mechanism of edema formation in nephrotic syndrome: therapeutic implications. Pediatric Nephrology, 2007, 22, 1983-1990.	1.7	86
5	Collecting Duct Is a Site of Sodium Retention in PAN Nephrosis. Journal of the American Society of Nephrology: JASN, 2001, 12, 598-601.	6.1	86
6	GDF15 Triggers Homeostatic Proliferation of Acid-Secreting Collecting Duct Cells. Journal of the American Society of Nephrology: JASN, 2008, 19, 1965-1974.	6.1	70
7	Hyperaldosteronemia and Activation of the Epithelial Sodium Channel Are Not Required for Sodium Retention in Puromycin-Induced Nephrosis. Journal of the American Society of Nephrology: JASN, 2005, 16, 3642-3650.	6.1	64
8	Intracellular Na+Controls Cell Surface Expression of Na,K-ATPase via a cAMP-independent PKA Pathway in Mammalian Kidney Collecting Duct Cells. Molecular Biology of the Cell, 2003, 14, 2677-2688.	2.1	60
9	Atlas of gene expression in the mouse kidney: new features of glomerular parietal cells. Physiological Genomics, 2011, 43, 161-173.	2.3	54
10	Of Mice and Men: Divergence of Gene Expression Patterns in Kidney. PLoS ONE, 2012, 7, e46876.	2.5	51
11	Albuminuria induces a proinflammatory and profibrotic response in cortical collecting ducts via the 24p3 receptor. American Journal of Physiology - Renal Physiology, 2013, 305, F1053-F1063.	2.7	51
12	Kidney collecting duct acid-base â€œregulonâ€• Physiological Genomics, 2006, 27, 271-281.	2.3	48
13	ERK1/2 Controls Na,K-ATPase Activity and Transepithelial Sodium Transport in the Principal Cell of the Cortical Collecting Duct of the Mouse Kidney. Journal of Biological Chemistry, 2004, 279, 51002-51012.	3.4	47
14	Inhibition of K⁺ secretion in the distal nephron in nephrotic syndrome: possible role of albuminuria. Journal of Physiology, 2011, 589, 3611-3621.	2.9	23
15	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.	3.4	23
16	The renal cortical collecting duct: a secreting epithelium?. Journal of Physiology, 2016, 594, 5991-6008.	2.9	23
17	Proteinase-activated Receptor 2 Stimulates Na,K-ATPase and Sodium Reabsorption in Native Kidney Epithelium. Journal of Biological Chemistry, 2008, 283, 28020-28028.	3.4	15
18	Oxidative Stress and Nuclear Factor ÎºB (NF-ÎºB) Increase Peritoneal Filtration and Contribute to Ascites Formation in Nephrotic Syndrome. Journal of Biological Chemistry, 2016, 291, 11105-11113.	3.4	11

#	Article	IF	Citations
19	Acidosisâ€induced activation of distal nephron principal cells triggers Gdf15 secretion and adaptive proliferation of intercalated cells. Acta Physiologica, 2021, 232, e13661.	3.8	10
20	Tissue Compartment Analysis for Biomarker Discovery by Gene Expression Profiling. PLoS ONE, 2009, 4, e7779.	2.5	9
21	A variant of ASIC2 mediates sodium retention in nephrotic syndrome. JCI Insight, 2021, 6, .	5.0	4