Lydie Cheval

List of Publications by Citations

25 papers	1,022 citations	15 h-index	26 g-index
26 ext. papers	1,141 ext. citations	6.6 avg, IF	3.18 L-index

#	Paper	IF	Citations
25	A panoramic view of gene expression in the human kidney. *Proceedings of the National Academy of Sciences of the United States of America*, **2003**, 100, 13710-5	11.5	140
24	PTH-independent regulation of blood calcium concentration by the calcium-sensing receptor. *Journal of Clinical Investigation*, **2012**, 122, 3355-67	15.9	132
23	RhBG and RhCG, the putative ammonia transporters, are expressed in the same cells in the distal nephron. *Journal of the American Society of Nephrology: JASN*, **2003**, 14, 545-54	12.7	131
22	Expression of RhCG, a new putative NH(3)/NH(4)(+) transporter, along the rat nephron. *Journal of the American Society of Nephrology: JASN*, **2002**, 13, 1999-2008	12.7	116
21	WNK1-related Familial Hyperkalemic Hypertension results from an increased expression of L-WNK1 specifically in the distal nephron. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 14366-71	11.5	86
20	GDF15 triggers homeostatic proliferation of acid-secreting collecting duct cells. *Journal of the American Society of Nephrology: JASN*, **2008**, 19, 1965-74	12.7	55
19	A new methodology for quantification of alternatively spliced exons reveals a highly tissue-specific expression pattern of WNK1 isoforms. *PLoS ONE*, **2012**, 7, e37751	3.7	51
18	Tissue kallikrein permits early renal adaptation to potassium load. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 13526-31	11.5	50
17	Atlas of gene expression in the mouse kidney: new features of glomerular parietal cells. *Physiological Genomics*, **2011**, 43, 161-73	3.6	48
16	Kidney collecting duct acid-base "regulon". *Physiological Genomics*, **2006**, 27, 271-81	3.6	42
15	Of mice and men: divergence of gene expression patterns in kidney. *PLoS ONE*, **2012**, 7, e46876	3.7	39
14	Molecular identification of Sch28080-sensitive K-ATPase activities in the mouse kidney. *Pflugers Archiv European Journal of Physiology*, **2006**, 451, 769-75	4.6	33
13	NDFIP allows NEDD4/NEDD4L-induced AQP2 ubiquitination and degradation. *PLoS ONE*, **2017**, 12, e0183774	3.7	28
12	Plasticity of mouse renal collecting duct in response to potassium depletion. *Physiological Genomics* , **2004**, 19, 61-73	3.6	23
11	Expression profile of nuclear receptors along male mouse nephron segments reveals a link between ERR and thick ascending limb function. *PLoS ONE*, **2012**, 7, e34223	3.7	15
10	Global analysis of gene expression in mammalian kidney. *Pflugers Archiv European Journal of Physiology*, **2005**, 450, 13-25	4.6	7
9	Tissue compartment analysis for biomarker discovery by gene expression profiling. *PLoS ONE*, **2009**, 4, e7779	3.7	6

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8	Renal transcriptomes: segmental analysis of differential expression. *Nephron Experimental Nephrology*, **2002**, 10, 75-81		5
7	Identification of as a First Susceptibility Gene for Lithium-Induced Nephrogenic Diabetes Insipidus in Mice. *Journal of the American Society of Nephrology: JASN*, **2019**, 30, 2322-2336	12.7	4
6	Endothelin-1 mediates natriuresis but not polyuria during vitamin D-induced acute hypercalcaemia. *Journal of Physiology*, **2017**, 595, 2535-2550	3.9	3
5	SIRT7 modulates the stability and activity of the renal K-Cl cotransporter KCC4 through deacetylation. *EMBO Reports*, **2021**, 22, e50766	6.5	3
4	The serine-threonine kinase PIM3 is an aldosterone-regulated protein in the distal nephron. *Physiological Reports*, **2019**, 7, e14177	2.6	2
3	Acidosis-induced activation of distal nephron principal cells triggers Gdf15 secretion and adaptive proliferation of intercalated cells. *Acta Physiologica*, **2021**, 232, e13661	5.6	2
2	Differential localization patterns of claudin 10, 16, and 19 in human, mouse, and rat renal tubular epithelia. *American Journal of Physiology - Renal Physiology*, **2021**, 321, F207-F224	4.3	1
1	Proliferation of renal intercalated cells type A after dietary K restriction involves GDF15 and the stimulation of the H,K-ATPase type 2. *FASEB Journal*, **2019**, 33, 862.24	0.9	