

# Nicolas Picard

## List of Publications by Year in descending order

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34  
papers

2,306  
citations

236925

25  
h-index

414414

32  
g-index

34  
all docs

34  
docs citations

34  
times ranked

2809  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tubular Overexpression of Transforming Growth Factor- $\beta$ 1 Induces Autophagy and Fibrosis but Not Mesenchymal Transition of Renal Epithelial Cells. <i>American Journal of Pathology</i> , 2010, 177, 632-643.	3.8	254
2	The absence of intrarenal ACE protects against hypertension. <i>Journal of Clinical Investigation</i> , 2013, 123, 2011-2023.	8.2	176
3	Proliferation capacity of the renal proximal tubule involves the bulk of differentiated epithelial cells. <i>American Journal of Physiology - Cell Physiology</i> , 2008, 294, C22-C28.	4.6	142
4	Origin of renal myofibroblasts in the model of unilateral ureter obstruction in the rat. <i>Histochemistry and Cell Biology</i> , 2008, 130, 141-155.	1.7	134
5	Pendrin Regulation in Mouse Kidney Primarily Is Chloride-Dependent. <i>Journal of the American Society of Nephrology: JASN</i> , 2006, 17, 2153-2163.	6.1	98
6	Defective ENaC Processing and Function in Tissue Kallikrein-deficient Mice. <i>Journal of Biological Chemistry</i> , 2008, 283, 4602-4611.	3.4	97
7	Renal phenotype in mice lacking the Kir5.1 ( <i>Kcnj16</i> ) K <sup>+</sup> channel subunit contrasts with that observed in SeSAME/EAST syndrome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 10361-10366.	7.1	95
8	Renal phosphaturia during metabolic acidosis revisited: molecular mechanisms for decreased renal phosphate reabsorption. <i>Pflügers Archiv European Journal of Physiology</i> , 2008, 457, 539-549.	2.8	94
9	Renal <i>Atp6ap2</i> /(Pro)renin Receptor Is Required for Normal Vacuolar H <sup>+</sup> -ATPase Function but Not for the Renin-Angiotensin System. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 3320-3330.	6.1	91
10	The ClC-K2 Chloride Channel Is Critical for Salt Handling in the Distal Nephron. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 209-217.	6.1	87
11	Overexpression of Pendrin in Intercalated Cells Produces Chloride-Sensitive Hypertension. <i>Journal of the American Society of Nephrology: JASN</i> , 2013, 24, 1104-1113.	6.1	85
12	Effects of the atrial antiarrhythmic drug AVE0118 on cardiac ion channels. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2004, 370, 183-92.	3.0	80
13	Acute parathyroid hormone differentially regulates renal brush border membrane phosphate cotransporters. <i>Pflügers Archiv European Journal of Physiology</i> , 2010, 460, 677-687.	2.8	79
14	Genetic ablation of RhbG in the mouse does not impair renal ammonium excretion. <i>American Journal of Physiology - Renal Physiology</i> , 2005, 289, F1281-F1290.	2.7	78
15	Piezo1-dependent regulation of urinary osmolarity. <i>Pflügers Archiv European Journal of Physiology</i> , 2016, 468, 1197-1206.	2.8	74
16	Tissue kallikrein stimulates Ca <sup>2+</sup> reabsorption via PKC-dependent plasma membrane accumulation of TRPV5. <i>EMBO Journal</i> , 2006, 25, 4707-4716.	7.8	71
17	Protein Phosphatase 1 Inhibitor-1 Deficiency Reduces Phosphorylation of Renal NaCl Cotransporter and Causes Arterial Hypotension. <i>Journal of the American Society of Nephrology: JASN</i> , 2014, 25, 511-522.	6.1	67
18	Mechanisms of Renal Control of Potassium Homeostasis in Complete Aldosterone Deficiency. <i>Journal of the American Society of Nephrology: JASN</i> , 2015, 26, 425-438.	6.1	66

#	ARTICLE	IF	CITATIONS
19	Tissue kallikrein permits early renal adaptation to potassium load. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 13526-13531.	7.1	60
20	A mouse model for distal renal tubular acidosis reveals a previously unrecognized role of the V $\alpha$ -ATPase $\alpha$ 4 subunit in the proximal tubule. EMBO Molecular Medicine, 2012, 4, 1057-1071.	6.9	58
21	SLC26A4 Targeted to the Endolymphatic Sac Rescues Hearing and Balance in Slc26a4 Mutant Mice. PLoS Genetics, 2013, 9, e1003641.	3.5	57
22	Tissue Kallikrein $\alpha$ 4 Deficient Mice Display a Defect in Renal Tubular Calcium Absorption. Journal of the American Society of Nephrology: JASN, 2005, 16, 3602-3610.	6.1	54
23	Mice chronically fed a westernized experimental diet as a model of obesity, metabolic syndrome and osteoporosis. European Journal of Nutrition, 2006, 45, 298-306.	3.9	43
24	Electroneutral absorption of NaCl by the aldosterone-sensitive distal nephron: implication for normal electrolytes homeostasis and blood pressure regulation. Cellular and Molecular Life Sciences, 2014, 71, 2879-2895.	5.4	36
25	Intercalated Cell Depletion and Vacuolar H $^{+}$ -ATPase Mistargeting in an Ae1 R607H Knockin Model. Journal of the American Society of Nephrology: JASN, 2017, 28, 1507-1520.	6.1	36
26	SDF1 induction by acidosis from principal cells regulates intercalated cell subtype distribution. Journal of Clinical Investigation, 2015, 125, 4365-4374.	8.2	21
27	Tissue kallikrein deficiency and renovascular hypertension in the mouse. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2009, 296, R1385-R1391.	1.8	16
28	TMEM33 regulates intracellular calcium homeostasis in renal tubular epithelial cells. Nature Communications, 2019, 10, 2024.	12.8	15
29	Genetic deficiency in tissue kallikrein activity in mouse and man: effect on arteries, heart and kidney. Biological Chemistry, 2008, 389, 701-706.	2.5	14
30	Role of tissue kallikrein in regulation of tubule function. Current Opinion in Nephrology and Hypertension, 2011, 20, 523-528.	2.0	13
31	Immunolocalization of phospho-S6 kinases: a new way to detect mitosis in tissue sections and in cell culture. Histochemistry and Cell Biology, 2007, 127, 123-129.	1.7	12
32	Cutaneous and renal vasodilatory response to local pressure application: A comparative study in mice. Microvascular Research, 2018, 115, 44-51.	2.5	3
33	Effect of aldosterone in tissue kallikrein deficient mice. Journal of Hypertension, 2005, 23, A7-A8.	0.5	0
34	Adaptation to High $\alpha$ Salt Diet Requires H,K $\alpha$ ATPase Type 2 Dependent NaCl Secretion. FASEB Journal, 2022, 36, .	0.5	0