Naohiro Nomura

List of Publications by Citations

39 papers	868 citations	15 h-index	29 g-index
39 ext. papers	1,029 ext. citations	5.6 avg, IF	3.49 L-index

#	Paper	IF	Citations
39	Impaired KLHL3-mediated ubiquitination of WNK4 causes human hypertension. *Cell Reports*, **2013**, 3, 858-68	10.6	150
38	WNK4 is the major WNK positively regulating NCC in the mouse kidney. *Bioscience Reports*, **2014**, 34,	4.1	75
37	Acute insulin stimulation induces phosphorylation of the Na-Cl cotransporter in cultured distal mpkDCT cells and mouse kidney. *PLoS ONE*, **2011**, 6, e24277	3.7	73
36	Phosphatidylinositol 3-kinase/Akt signaling pathway activates the WNK-OSR1/SPAK-NCC phosphorylation cascade in hyperinsulinemic db/db mice. *Hypertension*, **2012**, 60, 981-90	8.5	66
35	Impaired degradation of WNK1 and WNK4 kinases causes PHAII in mutant KLHL3 knock-in mice. *Human Molecular Genetics*, **2014**, 23, 5052-60	5.6	58
34	Wnt5a induces renal AQP2 expression by activating calcineurin signalling pathway. *Nature Communications*, **2016**, 7, 13636	17.4	41
33	Generation and analyses of R8L barttin knockin mouse. *American Journal of Physiology - Renal Physiology*, **2011**, 301, F297-307	4.3	40
32	Calcineurin inhibitors block sodium-chloride cotransporter dephosphorylation in response to high potassium intake. *Kidney International*, **2017**, 91, 402-411	9.9	35
31	Knockout Mice Reveal the Physiological Role of KLHL3 and the Pathophysiology of Pseudohypoaldosteronism Type II Caused by Mutant KLHL3. *Molecular and Cellular Biology*, **2017**, 37,	4.8	31
30	Loop diuretics are associated with greater risk of sarcopenia in patients with non-dialysis-dependent chronic kidney disease. *PLoS ONE*, **2018**, 13, e0192990	3.7	27
29	Loop diuretics affect skeletal myoblast differentiation and exercise-induced muscle hypertrophy. *Scientific Reports*, **2017**, 7, 46369	4.9	23
28	The proteasome inhibitor bortezomib attenuates renal fibrosis in mice via the suppression of TGF-1. *Scientific Reports*, **2017**, 7, 13086	4.9	22
27	Impaired degradation of WNK by Akt and PKA phosphorylation of KLHL3. *Biochemical and Biophysical Research Communications*, **2015**, 467, 229-34	3.4	19
26	High-throughput chemical screening identifies AG-490 as a stimulator of aquaporin 2 membrane expression and urine concentration. *American Journal of Physiology - Cell Physiology*, **2014**, 307, C597-605	5.4	18
25	Kelch-Like Protein 2 Mediates Angiotensin II-With No Lysine 3 Signaling in the Regulation of Vascular Tonus. *Journal of the American Society of Nephrology: JASN*, **2015**, 26, 2129-38	12.7	17
24	Clinical importance of potassium intake and molecular mechanism of potassium regulation. *Clinical and Experimental Nephrology*, **2019**, 23, 1175-1180	2.5	15
23	Renal TNF activates the WNK phosphorylation cascade and contributes to salt-sensitive hypertension in chronic kidney disease. *Kidney International*, **2020**, 97, 713-727	9.9	14

22	Role of ClC-K and barttin in low potassium-induced sodium chloride cotransporter activation and hypertension in mouse kidney. *Bioscience Reports*, **2018**, 38,	4.1	14
21	Treatment with 17-allylamino-17-demethoxygeldanamycin ameliorated symptoms of Bartter syndrome type IV caused by mutated Bsnd in mice. *Biochemical and Biophysical Research Communications*, **2013**, 441, 544-9	3.4	14
20	Failure to sense energy depletion may be a novel therapeutic target in chronic kidney disease. *Kidney International*, **2019**, 95, 123-137	9.9	14
19	Encephalopathy Induced by High Plasma and Cerebrospinal Fluid Ceftriaxone Concentrations in a Hemodialysis Patient. *Internal Medicine*, **2019**, 58, 1775-1779	1.1	13
18	Honokiol, a Polyphenol Natural Compound, Attenuates Cisplatin-Induced Acute Cytotoxicity in Renal Epithelial Cells Through Cellular Oxidative Stress and Cytoskeleton Modulations. *Frontiers in Pharmacology*, **2018**, 9, 357	5.6	12
17	Prognosis of chronic kidney disease with normal-range proteinuria: The CKD-ROUTE study. *PLoS ONE*, **2018**, 13, e0190493	3.7	12
16	Metformin increases urinary sodium excretion by reducing phosphorylation of the sodium-chloride cotransporter. *Metabolism: Clinical and Experimental*, **2018**, 85, 23-31	12.7	11
15	WNK1 regulates skeletal muscle cell hypertrophy by modulating the nuclear localization and transcriptional activity of FOXO4. *Scientific Reports*, **2018**, 8, 9101	4.9	11
14	Drug-Repositioning Screening for Keap1-Nrf2 Binding Inhibitors using Fluorescence Correlation Spectroscopy. *Scientific Reports*, **2017**, 7, 3945	4.9	11
13	Impaired degradation of medullary WNK4 in the kidneys of KLHL2 knockout mice. *Biochemical and Biophysical Research Communications*, **2017**, 487, 368-374	3.4	9
12	WNK4 is an Adipogenic Factor and Its Deletion Reduces Diet-Induced Obesity in Mice. *EBioMedicine*, **2017**, 18, 118-127	8.8	9
11	Nationwide in-hospital mortality following major fractures among hemodialysis patients and the general population: An observational cohort study. *Bone*, **2020**, 130, 115122	4.7	8
10	Dialysis Case Volume Associated With In-Hospital Mortality in Maintenance Dialysis Patients. *Kidney International Reports*, **2018**, 3, 356-363	4.1	2
9	Sodium-calcium exchanger 1 is the key molecule for urinary potassium excretion against acute hyperkalemia. *PLoS ONE*, **2020**, 15, e0235360	3.7	1
8	Phenotypic differences of mutation-negative cases in Gitelman syndrome clinically diagnosed in adulthood. *Human Mutation*, **2021**, 42, 300-309	4.7	1
7	WNK1-TAK1 signaling suppresses lipopolysaccharide-induced cytokine production and classical activation in macrophages. *Biochemical and Biophysical Research Communications*, **2020**, 533, 1290-1297	3.4	1
6	Short-term prognosis of emergently hospitalized dialysis-independent chronic kidney disease patients: A nationwide retrospective cohort study in Japan. *PLoS ONE*, **2018**, 13, e0208258	3.7	1
5	Tacrolimus ameliorates the phenotypes of type 4 Bartter syndrome model mice through activation of sodium-potassium-2 chloride cotransporter and sodium-chloride cotransporter. *Biochemical and Biophysical Research Communications*, **2019**, 517, 364-368	3.4	

4 Sodium–calcium exchanger 1 is the key molecule for urinary potassium excretion against acute hyperkalemia **2020**, 15, e0235360

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