

# Naohiro Nomura

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

1,170  
citations

393982

19  
h-index

395343

33  
g-index

40  
all docs

40  
docs citations

40  
times ranked

1302  
citing authors

#	ARTICLE	IF	CITATIONS
1	Impaired KLHL3-Mediated Ubiquitination of WNK4 Causes Human Hypertension. <i>Cell Reports</i> , 2013, 3, 858-868.	2.9	188
2	WNK4 is the major WNK positively regulating NCC in the mouse kidney. <i>Bioscience Reports</i> , 2014, 34, .	1.1	94
3	Acute Insulin Stimulation Induces Phosphorylation of the Na-Cl Cotransporter in Cultured Distal mpkDCT Cells and Mouse Kidney. <i>PLoS ONE</i> , 2011, 6, e24277.	1.1	79
4	Phosphatidylinositol 3-Kinase/Akt Signaling Pathway Activates the WNK-OSR1/SPAK-NCC Phosphorylation Cascade in Hyperinsulinemic db/db Mice. <i>Hypertension</i> , 2012, 60, 981-990.	1.3	75
5	Impaired degradation of WNK1 and WNK4 kinases causes PHAI in mutant KLHL3 knock-in mice. <i>Human Molecular Genetics</i> , 2014, 23, 5052-5060.	1.4	72
6	Calcineurin inhibitors block sodium-chloride cotransporter dephosphorylation in response to high potassium intake. <i>Kidney International</i> , 2017, 91, 402-411.	2.6	54
7	Wnt5a induces renal AQP2 expression by activating calcineurin signalling pathway. <i>Nature Communications</i> , 2016, 7, 13636.	5.8	53
8	Generation and analyses of R8L barttin knockin mouse. <i>American Journal of Physiology - Renal Physiology</i> , 2011, 301, F297-F307.	1.3	45
9	Loop diuretics are associated with greater risk of sarcopenia in patients with non-dialysis-dependent chronic kidney disease. <i>PLoS ONE</i> , 2018, 13, e0192990.	1.1	44
10	KLHL3 Knockout Mice Reveal the Physiological Role of KLHL3 and the Pathophysiology of Pseudohypoaldosteronism Type II Caused by Mutant KLHL3. <i>Molecular and Cellular Biology</i> , 2017, 37, .	1.1	42
11	Loop diuretics affect skeletal myoblast differentiation and exercise-induced muscle hypertrophy. <i>Scientific Reports</i> , 2017, 7, 46369.	1.6	39
12	The proteasome inhibitor bortezomib attenuates renal fibrosis in mice via the suppression of TGF- $\beta$ 1. <i>Scientific Reports</i> , 2017, 7, 13086.	1.6	33
13	Renal TNF $\alpha$ activates the WNK phosphorylation cascade and contributes to salt-sensitive hypertension in chronic kidney disease. <i>Kidney International</i> , 2020, 97, 713-727.	2.6	30
14	Clinical importance of potassium intake and molecular mechanism of potassium regulation. <i>Clinical and Experimental Nephrology</i> , 2019, 23, 1175-1180.	0.7	29
15	Impaired degradation of WNK by Akt and PKA phosphorylation of KLHL3. <i>Biochemical and Biophysical Research Communications</i> , 2015, 467, 229-234.	1.0	25
16	Failure to sense energy depletion may be a novel therapeutic target in chronic kidney disease. <i>Kidney International</i> , 2019, 95, 123-137.	2.6	25
17	Encephalopathy Induced by High Plasma and Cerebrospinal Fluid Ceftriaxone Concentrations in a Hemodialysis Patient. <i>Internal Medicine</i> , 2019, 58, 1775-1779.	0.3	22
18	High-throughput chemical screening identifies AG-490 as a stimulator of aquaporin 2 membrane expression and urine concentration. <i>American Journal of Physiology - Cell Physiology</i> , 2014, 307, C597-C605.	2.1	20

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19	Kelch-Like Protein 2 Mediates Angiotensin II With No Lysine 3 Signaling in the Regulation of Vascular Tonus. <i>Journal of the American Society of Nephrology: JASN</i> , 2015, 26, 2129-2138.	3.0	20
20	Role of ClC-K and barttin in low potassium-induced sodium chloride cotransporter activation and hypertension in mouse kidney. <i>Bioscience Reports</i> , 2018, 38, .	1.1	20
21	Prognosis of chronic kidney disease with normal-range proteinuria: The CKD-ROUTE study. <i>PLoS ONE</i> , 2018, 13, e0190493.	1.1	20
22	Treatment with 17-allylamino-17-demethoxygeldanamycin ameliorated symptoms of Bartter syndrome type IV caused by mutated Bsnd in mice. <i>Biochemical and Biophysical Research Communications</i> , 2013, 441, 544-549.	1.0	18
23	Honokiol, a Polyphenol Natural Compound, Attenuates Cisplatin-Induced Acute Cytotoxicity in Renal Epithelial Cells Through Cellular Oxidative Stress and Cytoskeleton Modulations. <i>Frontiers in Pharmacology</i> , 2018, 9, 357.	1.6	17
24	WNK1 regulates skeletal muscle cell hypertrophy by modulating the nuclear localization and transcriptional activity of FOXO4. <i>Scientific Reports</i> , 2018, 8, 9101.	1.6	17
25	Metformin increases urinary sodium excretion by reducing phosphorylation of the sodium-chloride cotransporter. <i>Metabolism: Clinical and Experimental</i> , 2018, 85, 23-31.	1.5	15
26	WNK4 is an Adipogenic Factor and Its Deletion Reduces Diet-Induced Obesity in Mice. <i>EBioMedicine</i> , 2017, 18, 118-127.	2.7	14
27	Impaired degradation of medullary WNK4 in the kidneys of KLHL2 knockout mice. <i>Biochemical and Biophysical Research Communications</i> , 2017, 487, 368-374.	1.0	11
28	Drug-Repositioning Screening for Keap1-Nrf2 Binding Inhibitors using Fluorescence Correlation Spectroscopy. <i>Scientific Reports</i> , 2017, 7, 3945.	1.6	11
29	Nationwide in-hospital mortality following major fractures among hemodialysis patients and the general population: An observational cohort study. <i>Bone</i> , 2020, 130, 115122.	1.4	11
30	Dialysis Case Volume Associated With In-Hospital Mortality in Maintenance Dialysis Patients. <i>Kidney International Reports</i> , 2018, 3, 356-363.	0.4	7
31	Sodium-calcium exchanger 1 is the key molecule for urinary potassium excretion against acute hyperkalemia. <i>PLoS ONE</i> , 2020, 15, e0235360.	1.1	6
32	WNK1-TAK1 signaling suppresses lipopolysaccharide-induced cytokine production and classical activation in macrophages. <i>Biochemical and Biophysical Research Communications</i> , 2020, 533, 1290-1297.	1.0	5
33	Phenotypic differences of mutation-negative cases in Gitelman syndrome clinically diagnosed in adulthood. <i>Human Mutation</i> , 2021, 42, 300-309.	1.1	4
34	Short-term prognosis of emergently hospitalized dialysis-independent chronic kidney disease patients: A nationwide retrospective cohort study in Japan. <i>PLoS ONE</i> , 2018, 13, e0208258.	1.1	2
35	Tacrolimus ameliorates the phenotypes of type 4 Bartter syndrome model mice through activation of sodium-potassium-2 chloride cotransporter and sodium-chloride cotransporter. <i>Biochemical and Biophysical Research Communications</i> , 2019, 517, 364-368.	1.0	2
36	Title is missing!. , 2020, 15, e0235360.		0

#	ARTICLE	IF	CITATIONS
37	Title is missing!. , 2020, 15, e0235360.		0
38	Title is missing!. , 2020, 15, e0235360.		0
39	Title is missing!. , 2020, 15, e0235360.		0