

# Osamu Ito

## List of Publications by Year in descending order

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63  
papers

1,173  
citations

393982

19  
h-index

414034

32  
g-index

64  
all docs

64  
docs citations

64  
times ranked

1192  
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of 20-HETE in Elevating Chloride Transport in the Thick Ascending Limb of Dahl SS/Jr Rats. Hypertension, 1999, 33, 419-423.	1.3	93
2	Clinical practice guideline for renal rehabilitation: systematic reviews and recommendations of exercise therapies in patients with kidney diseases. Renal Replacement Therapy, 2019, 5, .	0.3	76
3	Role of Inducible Nitric Oxide Synthase and Cyclooxygenase-2 in Endotoxin-Induced Cerebral Hyperemia. Stroke, 1998, 29, 1209-1218.	1.0	73
4	Chronic Running Exercise Alleviates Early Progression of Nephropathy with Upregulation of Nitric Oxide Synthases and Suppression of Glycation in Zucker Diabetic Rats. PLoS ONE, 2015, 10, e0138037.	1.1	67
5	Localization of cytochrome P-450 4A isoforms along the rat nephron. American Journal of Physiology - Renal Physiology, 1998, 274, F395-F404.	1.3	64
6	Combination of Exercise and Enalapril Enhances Renoprotective and Peripheral Effects in Rats With Renal Ablation. American Journal of Hypertension, 2006, 19, 80-86.	1.0	53
7	Ambulatory Blood Pressure Monitoring in Evaluating the Prevalence of Hypertension in Adults in Ohasama, a Rural Japanese Community.. Hypertension Research, 1996, 19, 207-212.	1.5	50
8	Expression of cytochrome P-450 4 enzymes in the kidney and liver: Regulation by PPAR and species-difference between rat and human. Molecular and Cellular Biochemistry, 2006, 284, 141-148.	1.4	44
9	Regulation of Cytochrome P-450 4A Activity by Peroxisome Proliferator-Activated Receptors in the Rat Kidney. Hypertension Research, 2003, 26, 929-936.	1.5	39
10	Music Attenuated a Decrease in Parasympathetic Nervous System Activity after Exercise. PLoS ONE, 2016, 11, e0148648.	1.1	33
11	The efficacy of exercise training in kidney transplant recipients: a meta-analysis and systematic review. Clinical and Experimental Nephrology, 2019, 23, 275-284.	0.7	33
12	Regulation of P-450 4A activity in the glomerulus of the rat. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1999, 276, R1749-R1757.	0.9	30
13	Involvement of Cytochrome P450 Metabolites in the Vascular Action of Angiotensin II on the Afferent Arterioles.. Hypertension Research, 2001, 24, 551-557.	1.5	30
14	Increased expression of urotensin II-related peptide and its receptor in kidney with hypertension or renal failure. Peptides, 2009, 30, 400-408.	1.2	29
15	Atorvastatin upregulates nitric oxide synthases with Rho-kinase inhibition and Akt activation in the kidney of spontaneously hypertensive rats. Journal of Hypertension, 2010, 28, 2278-2288.	0.3	28
16	Effects of exercise training on nitric oxide synthase in the kidney of spontaneously hypertensive rats. Clinical and Experimental Pharmacology and Physiology, 2013, 40, 74-82.	0.9	26
17	Effects of angiotensin-converting enzyme inhibitor and exercise training on exercise capacity and skeletal muscle. Journal of Hypertension, 2007, 25, 1241-1248.	0.3	24
18	Exercise training upregulates nitric oxide synthases in the kidney of rats with chronic heart failure. Clinical and Experimental Pharmacology and Physiology, 2013, 40, 617-625.	0.9	22

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19	Xanthine Oxidase Inhibitor, Febuxostat Ameliorates the High Salt Intake-Induced Cardiac Hypertrophy and Fibrosis in Dahl Salt-Sensitive Rats. <i>American Journal of Hypertension</i> , 2019, 32, 26-33.	1.0	21
20	Effects of Estradiol, Angiotensin-Converting Enzyme Inhibitor and Exercise Training on Exercise Capacity and Skeletal Muscle in Old Female Rats. <i>Clinical and Experimental Hypertension</i> , 2010, 32, 76-83.	0.5	18
21	A Case of Exercise-Induced Acute Renal Failure in a Patient with Idiopathic Renal Hypouricemia Developed during Antihypertensive Therapy with Losartan and Trichlormethiazide.. <i>Hypertension Research</i> , 2003, 26, 509-513.	1.5	17
22	Expression of (pro)renin receptor and its upregulation by high salt intake in the rat nephron. <i>Peptides</i> , 2015, 63, 156-162.	1.2	16
23	Effects of converting enzyme inhibitors on renal P-450 metabolism of arachidonic acid. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2001, 280, R822-R830.	0.9	15
24	Effects of Antihypertensive Drugs and Exercise Training on Insulin Sensitivity in Spontaneously Hypertensive Rats. <i>Hypertension Research</i> , 2008, 31, 525-533.	1.5	15
25	Chronic exercise provides renal-protective effects with upregulation of fatty acid oxidation in the kidney of high fructose-fed rats. <i>American Journal of Physiology - Renal Physiology</i> , 2020, 318, F826-F834.	1.3	15
26	Characterization of Na <sup>+</sup> transport across the cell membranes of the ascending thin limb of Henle's loop. <i>Kidney International</i> , 1995, 47, 789-794.	2.6	14
27	Exercise training delays renal disorders with decreasing oxidative stress and increasing production of 20-hydroxyeicosatetraenoic acid in Dahl salt-sensitive rats. <i>Journal of Hypertension</i> , 2020, 38, 1336-1346.	0.3	14
28	Metformin slows liver cyst formation and fibrosis in experimental model of polycystic liver disease. <i>American Journal of Physiology - Renal Physiology</i> , 2021, 320, G464-G473.	1.6	14
29	Mechanism behind Augmentation in Baroreflex Sensitivity after Acute Exercise in Spontaneously Hypertensive Rats. <i>Hypertension Research</i> , 2006, 29, 117-122.	1.5	13
30	Endogenous hydrogen peroxide up-regulates the expression of nitric oxide synthase in the kidney of SHR. <i>Journal of Hypertension</i> , 2011, 29, 1167-1174.	0.3	13
31	Disorder of fatty acid metabolism in the kidney of PAN-induced nephrotic rats. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 303, F1070-F1079.	1.3	12
32	Effects of exercise training on renal interstitial fibrosis and renin-angiotensin system in rats with chronic renal failure. <i>Journal of Hypertension</i> , 2021, 39, 143-152.	0.3	11
33	Combination of Chronic Exercise and Antihypertensive Therapy Enhances Renoprotective Effects in Rats With Renal Ablation. <i>American Journal of Hypertension</i> , 2009, 22, 1101-1106.	1.0	10
34	High Fructose-Induced Hypertension and Renal Damage Are Exaggerated in Dahl Salt-Sensitive Rats via Renin-Angiotensin System Activation. <i>Journal of the American Heart Association</i> , 2021, 10, e016543.	1.6	10
35	Cytochrome P-450-dependent metabolism of arachidonic acid in the kidney of rats with diabetes insipidus. <i>American Journal of Physiology - Renal Physiology</i> , 2005, 289, F1333-F1340.	1.3	9
36	Water Deprivation Increases (Pro)renin Receptor Levels in the Kidney and Decreases Plasma Concentrations of Soluble (Pro)renin Receptor. <i>Tohoku Journal of Experimental Medicine</i> , 2016, 239, 185-192.	0.5	9

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37	Effect of clofibrate on fatty acid metabolism in the kidney of puromycin-induced nephrotic rats. <i>Clinical and Experimental Nephrology</i> , 2016, 20, 862-870.	0.7	9
38	Combination of Exercise Training and SOD Mimetic Tempol Enhances Upregulation of Nitric Oxide Synthase in the Kidney of Spontaneously Hypertensive Rats. <i>International Journal of Hypertension</i> , 2020, 2020, 1-10.	0.5	9
39	Renoprotective Effect of Angiotensin-Converting Enzyme Inhibitor Combined with $\beta$ -Adrenergic Antagonist in Spontaneously Hypertensive Rats with Renal Ablation. <i>Hypertension Research</i> , 2004, 27, 509-515.	1.5	9
40	Exercise Training Fails to Modify Arterial Baroreflex Sensitivity in Ovariectomized Female Rats. <i>Tohoku Journal of Experimental Medicine</i> , 2007, 211, 339-345.	0.5	8
41	Renal Cytochrome P450 as a Determinant of Impaired Natriuresis by PPAR $\alpha$ Ligands in Ovariectomized Obese Rats. <i>Obesity</i> , 2008, 16, 965-971.	1.5	8
42	Pitavastatin Upregulates Nitric Oxide Synthases in the Kidney of Spontaneously Hypertensive Rats and Wistar-Kyoto Rats. <i>American Journal of Hypertension</i> , 2018, 31, 1139-1146.	1.0	8
43	Effects of Long-Term Exercise on Liver Cyst in Polycystic Liver Disease Model Rats. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 1272-1279.	0.2	8
44	Tyrosine kinase, phosphatidylinositol 3-kinase, and protein kinase C regulate insulin-stimulated NaCl absorption in the thick ascending limb. <i>Kidney International</i> , 1997, 51, 1037-1041.	2.6	7
45	Arterial Stiffness Measured with the Cuff Oscillometric Method Is Predictive of Exercise Capacity in Patients with Cardiac Diseases. <i>Tohoku Journal of Experimental Medicine</i> , 2016, 239, 127-134.	0.5	7
46	Hip flexor muscle dysfunction during walking at self-selected and fast speed in patients with aortoiliac peripheral arterial disease. <i>Journal of Vascular Surgery</i> , 2017, 66, 523-532.	0.6	7
47	Effects of electrical stimulation on muscle power and biochemical markers during hemodialysis in elderly patients: a pilot randomized clinical trial. <i>Renal Replacement Therapy</i> , 2018, 4, .	0.3	7
48	Electrical Stimulation of the Abdomen Preserves Motor Performance in the Inactive Elderly: A Randomized Controlled Trial. <i>Tohoku Journal of Experimental Medicine</i> , 2012, 228, 93-101.	0.5	6
49	Angiotensin II upregulates CYP4A isoform expression in the rat kidney through angiotensin II type 1 receptor. <i>Prostaglandins and Other Lipid Mediators</i> , 2018, 139, 80-86.	1.0	4
50	Febuxostat ameliorates high salt intake-induced hypertension and renal damage in Dahl salt-sensitive rats. <i>Journal of Hypertension</i> , 2022, 40, 327-337.	0.3	4
51	Training with an Electric Exercise Bike versus a Conventional Exercise Bike during Hemodialysis for Patients with End-stage Renal Disease: A Randomized Clinical Trial. <i>Progress in Rehabilitation Medicine</i> , 2017, 2, n/a.	0.3	2
52	High Salt Intake-Induced (Pro)renin Receptor Expression Is Exaggerated in the Kidney of Dahl Salt-Sensitive Rats. <i>Hypertension</i> , 2020, 75, 1447-1454.	1.3	2
53	Renal Rehabilitation for Patients with Chronic Kidney Disease and Dialysis. <i>The Japanese Journal of Rehabilitation Medicine</i> , 2017, 54, 788-792.	0.0	2
54	Electrophysiological Analysis of Effect of Propranolol in Rabbit S2 Proximal Straight Tubule. <i>Tohoku Journal of Experimental Medicine</i> , 1994, 172, 29-38.	0.5	1

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55	Chronic Kidney Disease is a New Target of Cardiac Rehabilitation. Cardiovascular Innovations and Applications, 2017, 2, .	0.1	1
56	A case of oculopharyngeal muscular dystrophy.. Nihon Kikan Shokudoka Gakkai Kaiho, 1985, 36, 389-395.	0.0	1
57	Pulmonary Rehabilitation in Patients With Pulmonary Hypertension. Pulmonary Research and Respiratory Medicine: Open Journal, 2017, SE, S1-S6.	1.0	1
58	Effects of Exercise Training on the Renin-Angiotensin System in the Kidneys of Dahl Salt-Sensitive Rats. Medicine and Science in Sports and Exercise, 2022, Publish Ahead of Print, .	0.2	1
59	I. Surgery for Spinal Cord. Neurologia Medico-Chirurgica, 1971, 11, 303-303.	1.0	0
60	Lack of Direct Action of Atriopeptidase Inhibitor on Cellular pH Rgulation in Rabbit S2 Proximal Straight Tubules.. Tohoku Journal of Experimental Medicine, 1993, 169, 261-270.	0.5	0
61	FO027THE EFFECT OF EXERCISE INTERVENTION ON EXERCISE TOLERANCE IN PATIENTS WITH NON-DIALYSIS-DEPENDENT CHRONIC KIDNEY DISEASE: A SYSTEMATIC REVIEW. Nephrology Dialysis Transplantation, 2018, 33, i29-i29.	0.4	0
62	Chronic Exercise Protects against the Progression of Renal Cyst Growth and Dysfunction in Rats with Polycystic Kidney Disease. Medicine and Science in Sports and Exercise, 2021, 53, 2485-2494.	0.2	0
63	Persistent Physical Exercise Rises the Plasma Concentration of Vasohibin-1 in Patients with Peripheral Vascular Disease. General Internal Medicine and Clinical Innovations, 2016, 1, .	0.2	0