Osamu Ito

List of Publications by Year
in descending order

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63	1,173	394421	414414
papers	citations	19 h-index	32 g-index

64	64	64	1192
all docs	docs citations	times ranked	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.	2.7	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, .	0.7	76
3	Role of Inducible Nitric Oxide Synthase and Cyclooxygenase-2 in Endotoxin-Induced Cerebral Hyperemia. Stroke, 1998, 29, 1209-1218.	2.0	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.	2.5	67
5	Localization of cytochromeP-450 4A isoforms along the rat nephron. American Journal of Physiology - Renal Physiology, 1998, 274, F395-F404.	2.7	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.	2.0	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.	2.7	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.	3.1	44
9	Regulation of Cytochrome P-450 4A Activity by Peroxisome Proliferator-Activated Receptors in the Rat Kidney. Hypertension Research, 2003, 26, 929-936.	2.7	39
10	Music Attenuated a Decrease in Parasympathetic Nervous System Activity after Exercise. PLoS ONE, 2016, 11, e0148648.	2.5	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.	1.6	33
12	Regulation ofP-450 4A activity in the glomerulus of the rat. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1999, 276, R1749-R1757.	1.8	30
13	Involvement of Cytochrome P450 Metabolites in the Vascular Action of Angiotensin II on the Afferent Arterioles.. Hypertension Research, 2001, 24, 551-557.	2.7	30
14	Increased expression of urotensin II-related peptide and its receptor in kidney with hypertension or renal failure. Peptides, 2009, 30, 400-408.	2.4	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.	0.5	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.	1.9	26
17	Effects of angiotensin-converting enzyme inhibitor and exercise training on exercise capacity and skeletal muscle. Journal of Hypertension, 2007, 25, 1241-1248.	0.5	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.	1.9	22

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19	Xanthine Oxidase Inhibitor, Febuxostat Ameliorates the High Salt Intakeâ€“Induced Cardiac Hypertrophy and Fibrosis in Dahl Salt-Sensitive Rats. American Journal of Hypertension, 2019, 32, 26-33.	2.0	21
20	Effects of Estradiol, Angiotensin-Converting Enzyme Inhibitor and Exercise Training on Exercise Capacity and Skeletal Muscle in Old Female Rats. Clinical and Experimental Hypertension, 2010, 32, 76-83.	1.3	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.. Hypertension Research, 2003, 26, 509-513.	2.7	17
22	Expression of (pro)renin receptor and its upregulation by high salt intake in the rat nephron. Peptides, 2015, 63, 156-162.	2.4	16
23	Effects of converting enzyme inhibitors on renalP-450 metabolism of arachidonic acid. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2001, 280, R822-R830.	1.8	15
24	Effects of Antihypertensive Drugs and Exercise Training on Insulin Sensitivity in Spontaneously Hypertensive Rats. Hypertension Research, 2008, 31, 525-533.	2.7	15
25	Chronic exercise provides renal-protective effects with upregulation of fatty acid oxidation in the kidney of high fructose-fed rats. American Journal of Physiology - Renal Physiology, 2020, 318, F826-F834.	2.7	15
26	Characterization of Na+ transport across the cell membranes of the ascending thin limb of Henle's loop. Kidney International, 1995, 47, 789-794.	5.2	14
27	Exercise training delays renal disorders with decreasing oxidative stress and increasing production of 20-hydroxyeicosatetraenoic acid in Dahl salt-sensitive rats. Journal of Hypertension, 2020, 38, 1336-1346.	0.5	14
28	Metformin slows liver cyst formation and fibrosis in experimental model of polycystic liver disease. American Journal of Physiology - Renal Physiology, 2021, 320, G464-G473.	3.4	14
29	Mechanism behind Augmentation in Baroreflex Sensitivity after Acute Exercise in Spontaneously Hypertensive Rats. Hypertension Research, 2006, 29, 117-122.	2.7	13
30	Endogenous hydrogen peroxide up-regulates the expression of nitric oxide synthase in the kidney of SHR. Journal of Hypertension, 2011, 29, 1167-1174.	0.5	13
31	Disorder of fatty acid metabolism in the kidney of PAN-induced nephrotic rats. American Journal of Physiology - Renal Physiology, 2012, 303, F1070-F1079.	2.7	12
32	Effects of exercise training on renal interstitial fibrosis and reninâ€“angiotensin system in rats with chronic renal failure. Journal of Hypertension, 2021, 39, 143-152.	0.5	11
33	Combination of Chronic Exercise and Antihypertensive Therapy Enhances Renoprotective Effects in Rats With Renal Ablation. American Journal of Hypertension, 2009, 22, 1101-1106.	2.0	10
34	High Fructoseâ€Induced Hypertension and Renal Damage Are Exaggerated in Dahl Saltâ€Sensitive Rats via Renal Reninâ€Angiotensin System Activation. Journal of the American Heart Association, 2021, 10, e016543.	3.7	10
35	Cytochrome P-450-dependent metabolism of arachidonic acid in the kidney of rats with diabetes insipidus. American Journal of Physiology - Renal Physiology, 2005, 289, F1333-F1340.	2.7	9
36	Water Deprivation Increases (Pro)renin Receptor Levels in the Kidney and Decreases Plasma Concentrations of Soluble (Pro)renin Receptor. Tohoku Journal of Experimental Medicine, 2016, 239, 185-192.	1.2	9

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37	Effect of clofibrate on fatty acid metabolism in the kidney of puromycin-induced nephrotic rats. Clinical and Experimental Nephrology, 2016, 20, 862-870.	1.6	9
38	Combination of Exercise Training and SOD Mimetic Tempol Enhances Upregulation of Nitric Oxide Synthase in the Kidney of Spontaneously Hypertensive Rats. International Journal of Hypertension, 2020, 2020, 1-10.	1.3	9
39	Renoprotective Effect of Angiotensin-Converting Enzyme Inhibitor Combined with Î±1-Adrenergic Antagonist in Spontaneously Hypertensive Rats with Renal Ablation. Hypertension Research, 2004, 27, 509-515.	2.7	9
40	Exercise Training Fails to Modify Arterial Baroreflex Sensitivity in Ovariectomized Female Rats. Tohoku Journal of Experimental Medicine, 2007, 211, 339-345.	1.2	8
41	Renal Cytochrome P450 as a Determinant of Impaired Natriuresis by PPARâ€Î³ Ligands in Ovariectomized Obese Rats. Obesity, 2008, 16, 965-971.	3.0	8
42	Pitavastatin Upregulates Nitric Oxide Synthases in the Kidney of Spontaneously Hypertensive Rats and Wistarâ€“Kyoto Rats. American Journal of Hypertension, 2018, 31, 1139-1146.	2.0	8
43	Effects of Long-Term Exercise on Liver Cyst in Polycystic Liver Disease Model Rats. Medicine and Science in Sports and Exercise, 2020, 52, 1272-1279.	0.4	8
44	Tyrosine kinase, phosphatidylinositol 3-kinase, and protein kinase C regulate insulin-stimulated NaCl absorption in the thick ascending limb. Kidney International, 1997, 51, 1037-1041.	5.2	7
45	Arterial Stiffness Measured with the Cuff Oscillometric Method Is Predictive of Exercise Capacity in Patients with Cardiac Diseases. Tohoku Journal of Experimental Medicine, 2016, 239, 127-134.	1.2	7
46	Hip flexor muscle dysfunction during walking at self-selected and fast speed in patients with aortoiliac peripheral arterial disease. Journal of Vascular Surgery, 2017, 66, 523-532.	1.1	7
47	Effects of electrical stimulation on muscle power and biochemical markers during hemodialysis in elderly patients: a pilot randomized clinical trial. Renal Replacement Therapy, 2018, 4, .	0.7	7
48	Electrical Stimulation of the Abdomen Preserves Motor Performance in the Inactive Elderly: A Randomized Controlled Trial. Tohoku Journal of Experimental Medicine, 2012, 228, 93-101.	1.2	6
49	Angiotensin II upregulates CYP4A isoform expression in the rat kidney through angiotensin II type 1 receptor. Prostaglandins and Other Lipid Mediators, 2018, 139, 80-86.	1.9	4
50	Febuxostat ameliorates high salt intake-induced hypertension and renal damage in Dahl salt-sensitive rats. Journal of Hypertension, 2022, 40, 327-337.	0.5	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. Progress in Rehabilitation Medicine, 2017, 2, n/a.	0.9	2
52	High Salt Intakeâ€“Increased (Pro)renin Receptor Expression Is Exaggerated in the Kidney of Dahl Salt-Sensitive Rats. Hypertension, 2020, 75, 1447-1454.	2.7	2
53	Renal Rehabilitation for Patients with Chronic Kidney Disease and Dialysis. The Japanese Journal of Rehabilitation Medicine, 2017, 54, 788-792.	0.0	2
54	Electrophysiological Analysis of Effect of Propranolol in Rabbit S2 Proximal Straight Tubule.. Tohoku Journal of Experimental Medicine, 1994, 172, 29-38.	1.2	1

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55	Chronic Kidney Disease is a New Target of Cardiac Rehabilitation. Cardiovascular Innovations and Applications, 2017, 2, .	0.3	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, .	0.4	1
59	I. Surgery for Spinal Cord. Neurologia Medico-Chirurgica, 1971, 11, 303-303.	2.2	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.	1.2	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.	0.7	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.	0.4	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