

# Koichi Yamamoto

## List of Publications by Year in descending order

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Version: 2024-02-01

63  
papers

1,858  
citations

279487

23  
h-index

288905

40  
g-index

65  
all docs

65  
docs citations

65  
times ranked

2547  
citing authors

#	ARTICLE	IF	CITATIONS
1	Deletion of Angiotensin-Converting Enzyme 2 Accelerates Pressure Overload-Induced Cardiac Dysfunction by Increasing Local Angiotensin II. <i>Hypertension</i> , 2006, 47, 718-726.	1.3	304
2	Modified forelimb grip strength test detects aging-associated physiological decline in skeletal muscle function in male mice. <i>Scientific Reports</i> , 2017, 7, 42323.	1.6	144
3	Prevalence of Cardiovascular Disease and Its Risk Factors in Primary Aldosteronism. <i>Hypertension</i> , 2018, 71, 530-537.	1.3	144
4	Hypertension and related diseases in the era of COVID-19: a report from the Japanese Society of Hypertension Task Force on COVID-19. <i>Hypertension Research</i> , 2020, 43, 1028-1046.	1.5	131
5	Loss of ACE2 Exaggerates High-Calorie Diet-Induced Insulin Resistance by Reduction of GLUT4 in Mice. <i>Diabetes</i> , 2013, 62, 223-233.	0.3	96
6	Novel Method for Rapid Assessment of Cognitive Impairment Using High-Performance Eye-Tracking Technology. <i>Scientific Reports</i> , 2019, 9, 12932.	1.6	73
7	Japan Endocrine Society clinical practice guideline for the diagnosis and management of primary aldosteronism 2021. <i>Endocrine Journal</i> , 2022, 69, 327-359.	0.7	67
8	Development and validation of subtype prediction scores for the workup of primary aldosteronism. <i>Journal of Hypertension</i> , 2018, 36, 2269-2276.	0.3	49
9	Obesity as a Key Factor Underlying Idiopathic Hyperaldosteronism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 4456-4464.	1.8	48
10	Oxidized LDL (oxLDL) activates the angiotensin II type 1 receptor by binding to the lectin-like oxLDL receptor. <i>FASEB Journal</i> , 2015, 29, 3342-3356.	0.2	44
11	Clinical and biochemical outcomes after adrenalectomy and medical treatment in patients with unilateral primary aldosteronism. <i>Journal of Hypertension</i> , 2019, 37, 1513-1520.	0.3	44
12	Age-dependent loss of adipose Rubicon promotes metabolic disorders via excess autophagy. <i>Nature Communications</i> , 2020, 11, 4150.	5.8	43
13	ACE2, angiotensin 1-7 and skeletal muscle: review in the era of COVID-19. <i>Clinical Science</i> , 2020, 134, 3047-3062.	1.8	38
14	Angiotensin-converting enzyme 2 deficiency accelerates and angiotensin 1-7 restores age-related muscle weakness in mice. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2018, 9, 975-986.	2.9	37
15	Telmisartan-Induced Inhibition of Vascular Cell Proliferation Beyond Angiotensin Receptor Blockade and Peroxisome Proliferator-Activated Receptor- $\gamma$ Activation. <i>Hypertension</i> , 2009, 54, 1353-1359.	1.3	36
16	The influence of aging on the diagnosis of primary aldosteronism. <i>Hypertension Research</i> , 2014, 37, 1062-1067.	1.5	34
17	Clinical Characteristics and Postoperative Outcomes of Primary Aldosteronism in the Elderly. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 3620-3629.	1.8	33
18	Inhibition of cardiovascular cell proliferation by angiotensin receptor blockers: are all molecules the same?. <i>Journal of Hypertension</i> , 2008, 26, 973-980.	0.3	32

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19	Overexpression of Interleukin-15 exhibits improved glucose tolerance and promotes GLUT4 translocation via AMP-Activated protein kinase pathway in skeletal muscle. <i>Biochemical and Biophysical Research Communications</i> , 2019, 509, 994-1000.	1.0	31
20	The Usefulness of an Alternative Diagnostic Method for Sarcopenia Using Thickness and Echo Intensity of Lower Leg Muscles in Older Males. <i>Journal of the American Medical Directors Association</i> , 2019, 20, 1185.e1-1185.e8.	1.2	31
21	Comprehensive Geriatric Assessment is a useful predictive tool for postoperative delirium after gastrointestinal surgery in old adults. <i>Geriatrics and Gerontology International</i> , 2016, 16, 1036-1042.	0.7	29
22	Angiotensin 1-7 alleviates aging-associated muscle weakness and bone loss, but is not associated with accelerated aging in ACE2-knockout mice. <i>Clinical Science</i> , 2019, 133, 2005-2018.	1.8	29
23	Factors associated with the severity of obstructive sleep apnea in older adults. <i>Geriatrics and Gerontology International</i> , 2017, 17, 614-621.	0.7	28
24	Sex Difference in the Association Between Subtype Distribution and Age at Diagnosis in Patients With Primary Aldosteronism. <i>Hypertension</i> , 2019, 74, 368-374.	1.3	26
25	Association Analysis of FOXO3 Longevity Variants With Blood Pressure and Essential Hypertension. <i>American Journal of Hypertension</i> , 2016, 29, 1292-1300.	1.0	21
26	The association of blood pressure with physical frailty and cognitive function in community-dwelling septuagenarians, octogenarians, and nonagenarians: the SONIC study. <i>Hypertension Research</i> , 2020, 43, 1421-1429.	1.5	19
27	Angiotensin receptor-neprilysin inhibitors: Comprehensive review and implications in hypertension treatment. <i>Hypertension Research</i> , 2021, 44, 1239-1250.	1.5	19
28	Target blood pressure level for the treatment of elderly hypertensive patients: a systematic review and meta-analysis of randomized trials. <i>Hypertension Research</i> , 2019, 42, 660-668.	1.5	15
29	Telmisartan modulates mitochondrial function in vascular smooth muscle cells. <i>Hypertension Research</i> , 2013, 36, 433-439.	1.5	14
30	Different effects of the deletion of angiotensin converting enzyme 2 and chronic activation of the renin-angiotensin system on muscle weakness in middle-aged mice. <i>Hypertension Research</i> , 2020, 43, 296-304.	1.5	14
31	Associations Between Changes in Plasma Renin Activity and Aldosterone Concentrations and Changes in Kidney Function After Treatment for Primary Aldosteronism. <i>Kidney International Reports</i> , 2020, 5, 1291-1297.	0.4	14
32	The importance of stroke as a risk factor of cognitive decline in community dwelling older and oldest peoples: the SONIC study. <i>BMC Geriatrics</i> , 2020, 20, 24.	1.1	13
33	Increased Dosage of MRA Improves BP and Urinary Albumin Excretion in Primary Aldosteronism With Suppressed Plasma Renin. <i>Journal of the Endocrine Society</i> , 2022, 6, bvab174.	0.1	11
34	Association of aldosterone and blood pressure with the risk for cardiovascular events after treatments in primary aldosteronism. <i>Atherosclerosis</i> , 2021, 324, 84-90.	0.4	10
35	Tryptophan Metabolism and COVID-19-Induced Skeletal Muscle Damage: Is ACE2 a Key Regulator?. <i>Frontiers in Nutrition</i> , 2022, 9, 868845.	1.6	10
36	Comparison between L-type and N/L-type calcium channel blockers in the regulation of home blood-pressure variability in elderly hypertensive patients. <i>Hypertension Research</i> , 2018, 41, 290-298.	1.5	9

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37	Influence of antihypertensive drugs in the subtype diagnosis of primary aldosteronism by adrenal venous sampling. <i>Journal of Hypertension</i> , 2019, 37, 1493-1499.	0.3	9
38	Age, Gender, and Body Mass Index as Determinants of Surgical Outcome in Primary Aldosteronism. <i>Hormone and Metabolic Research</i> , 2020, 52, 454-458.	0.7	9
39	Clinical characteristics of older adults with hypertension and unrecognized cognitive impairment. <i>Hypertension Research</i> , 2022, 45, 612-619.	1.5	9
40	Sex Differences in Renal Outcomes After Medical Treatment for Bilateral Primary Aldosteronism. <i>Hypertension</i> , 2021, 77, 537-545.	1.3	8
41	RAGE ligands stimulate angiotensin II type I receptor (AT1) via RAGE/AT1 complex on the cell membrane. <i>Scientific Reports</i> , 2021, 11, 5759.	1.6	8
42	Adrenal Venous Sampling for Subtype Diagnosis of Primary Hyperaldosteronism. <i>Endocrinology and Metabolism</i> , 2021, 36, 965-973.	1.3	8
43	Obesity predicts persistence of resistant hypertension after surgery in patients with primary aldosteronism. <i>Clinical Endocrinology</i> , 2020, 93, 229-237.	1.2	7
44	Association between physical function and long-term care in community-dwelling older and oldest people: the SONIC study. <i>Environmental Health and Preventive Medicine</i> , 2020, 25, 46.	1.4	6
45	Association between heart diseases, social factors and physical frailty in community-dwelling older populations: The septuagenarians, octogenarians, nonagenarians investigation with centenarians study. <i>Geriatrics and Gerontology International</i> , 2020, 20, 974-979.	0.7	6
46	Age-stratified comparison of clinical outcomes between medical and surgical treatments in patients with unilateral primary aldosteronism. <i>Scientific Reports</i> , 2021, 11, 6925.	1.6	6
47	The Association Between Longevity-Associated <i>FOXO3</i> Allele and Heart Disease in Septuagenarians and Octogenarians: The SONIC Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2022, 77, 1542-1548.	1.7	5
48	A pressor dose of angiotensin II has no influence on the angiotensin-converting enzyme 2 and other molecules associated with SARS-CoV-2 infection in mice. <i>FASEB Journal</i> , 2021, 35, e21419.	0.2	4
49	Association between physical function and onset of coronary heart disease in a cohort of community-dwelling older populations: The SONIC study. <i>Archives of Gerontology and Geriatrics</i> , 2021, 95, 104386.	1.4	4
50	Double Deletion of Angiotensin II Type 2 and Mas Receptors Accelerates Aging-Related Muscle Weakness in Male Mice. <i>Journal of the American Heart Association</i> , 2021, 10, e021030.	1.6	4
51	Association of achieved blood pressure after treatment for primary aldosteronism with long-term kidney function. <i>Journal of Human Hypertension</i> , 2022, 36, 904-910.	1.0	4
52	A novel chronic dural port platform for continuous collection of cerebrospinal fluid and intrathecal drug delivery in free-moving mice. <i>Fluids and Barriers of the CNS</i> , 2022, 19, 31.	2.4	4
53	Severity of obstructive sleep apnea is associated with the nocturnal fluctuation of pulse rate, but not with that of blood pressure, in older hypertensive patients receiving calcium channel blockers. <i>Geriatrics and Gerontology International</i> , 2019, 19, 604-610.	0.7	3
54	Novel properties of myoferlin in glucose metabolism via pathways involving modulation of adipose functions. <i>FASEB Journal</i> , 2020, 34, 2792-2811.	0.2	3

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55	Laryngeal Edema That Developed after Acute Myocardial Infarction. <i>Internal Medicine</i> , 2020, 59, 759-760.	0.3	2
56	Angiotensin-(1â€“7) as a biomarker of childhood obesity: Is there a causal relationship?. <i>Hypertension Research</i> , 2021, 44, 1233-1235.	1.5	2
57	The utility of the ultrasonographic assessment of the lower leg muscles to evaluate sarcopenia and muscle quality in older adults. <i>JCSM Clinical Reports</i> , 2021, 6, 53-61.	0.5	2
58	A case of primary aldosteronism with resistant hypertension successfully treated by unilateral adrenalectomy after unsuccessful classification of subtype in adrenal venous sampling. <i>Clinical Case Reports (discontinued)</i> , 2019, 7, 1895-1899.	0.2	1
59	Clinical studies on pharmacological treatment of hypertension in Japan. <i>Journal of Human Hypertension</i> , 2021, , .	1.0	1
60	Carotenemia induced by iron deficiency. <i>BMJ Case Reports</i> , 2021, 14, e236597.	0.2	1
61	Healing Process of a Skin Wound in Rat Using Deep UV Treatment. <i>Japanese Journal of Environmental Infections</i> , 2017, 32, 355-363.	0.1	1
62	Self-Monitoring Home Blood Pressure in Community-Dwelling Older People: Age Differences in White-Coat and Masked Phenomena and Related Factorsâ€”The SONIC Study. <i>International Journal of Hypertension</i> , 2022, 2022, 1-9.	0.5	1
63	An uncommon cause of leg oedema. <i>BMJ Case Reports</i> , 2019, 12, e228888.	0.2	0