

# Takuo Hirose

## List of Publications by Year in descending order

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107  
papers

2,613  
citations

147566

31  
h-index

233125

45  
g-index

110  
all docs

110  
docs citations

110  
times ranked

3212  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction Models for the 5- and 10-Year Incidence of Home Morning Hypertension: The Ohasama Study. <i>American Journal of Hypertension</i> , 2022, 35, 328-336.	1.0	4
2	Association between urinary sodium-to-potassium ratio and home blood pressure and ambulatory blood pressure. <i>Journal of Hypertension</i> , 2022, Publish Ahead of Print, .	0.3	2
3	The Impact of Preoperative Risk Factors on Peritoneal Dialysis-Related Peritonitis: A Single-Center Prospective Study in Japan. <i>Medicina (Lithuania)</i> , 2022, 58, 313.	0.8	1
4	Safety of peritoneal dialysis catheter surgery under dexmedetomidine and local anesthesia for elderly patients in Japan: a single-center prospective cohort study. <i>Clinical and Experimental Nephrology</i> , 2022, 26, 717-723.	0.7	1
5	The sexual dimorphism of kidney growth in mice and humans. <i>Kidney International</i> , 2022, 102, 78-95.	2.6	10
6	Impact of preoperative factors on catheter position in peritoneal dialysis: a prospective cohort study. <i>Clinical and Experimental Nephrology</i> , 2022, , 1.	0.7	0
7	Actual impact of angiotensin II receptor blocker or calcium channel blocker monotherapy on renal function in real-world patients. <i>Journal of Hypertension</i> , 2022, 40, 1564-1576.	0.3	1
8	A case of light chain (AL) amyloidosis with heart failure, renal dysfunction, and heparin-induced thrombocytopenia successfully treated with peritoneal dialysis. <i>CEN Case Reports</i> , 2021, 10, 214-219.	0.5	1
9	Lifetime risk of stroke stratified by chronic kidney disease and hypertension in the general Asian population: the Ohasama study. <i>Hypertension Research</i> , 2021, 44, 866-873.	1.5	5
10	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
11	MO491 ASSOCIATION BETWEEN SERUM URIC ACID LEVEL AND CHRONIC KIDNEY DISEASE INCIDENCE STRATIFIED BY SEX IN MIDDLE-AGED ADULTS. <i>Nephrology Dialysis Transplantation</i> , 2021, 36, .	0.4	0
12	Detailed association between serum uric acid levels and the incidence of chronic kidney disease stratified by sex in middle-aged adults. <i>Atherosclerosis</i> , 2021, 330, 107-113.	0.4	9
13	Elevated (Pro)renin Receptor Expression by Anti-Cancer Drugs, Carboplatin and Paclitaxel, in Cultured Cancer Cells: Possible Involvement of Apoptosis and Autophagy. <i>Tohoku Journal of Experimental Medicine</i> , 2021, 255, 91-104.	0.5	2
14	Creation of X-linked Alport syndrome rat model with Col4a5 deficiency. <i>Scientific Reports</i> , 2021, 11, 20836.	1.6	8
15	Fabry Nephropathy in a Young Female Patient Presenting with Only Urinary Mulberry Bodies Treated with Chaperone Therapy. <i>Case Reports in Nephrology and Dialysis</i> , 2021, 11, 355-361.	0.3	1
16	(Pro)renin receptor/ATP6AP2 is required for autophagy and regulates proliferation in lung adenocarcinoma cells. <i>Genes To Cells</i> , 2020, 25, 782-795.	0.5	10
17	Blood Pressure and Chronic Kidney Disease Stratified by Gender and the Use of Antihypertensive Drugs. <i>Journal of the American Heart Association</i> , 2020, 9, e015592.	1.6	12
18	High Salt Intakeâ€œIncreased (Pro)renin Receptor Expression Is Exaggerated in the Kidney of Dahl Salt-Sensitive Rats. <i>Hypertension</i> , 2020, 75, 1447-1454.	1.3	2

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19	N-Terminal Pro-B-Type Natriuretic Peptide Is a Predictor of Chronic Kidney Disease in an Asian General Population—The Ohasama Study. <i>Circulation Reports</i> , 2020, 2, 24-32.	0.4	5
20	Blood Pressure Phenotypes Defined by Ambulatory Blood Pressure Monitoring and Carotid Artery Changes in Community-Dwelling Older Japanese Adults: The Ohasama Study. <i>Tohoku Journal of Experimental Medicine</i> , 2020, 252, 269-279.	0.5	0
21	Age-Related Trends in Home Blood Pressure, Home Pulse Rate, and Day-to-Day Blood Pressure and Pulse Rate Variability Based on Longitudinal Cohort Data: The Ohasama Study. <i>Journal of the American Heart Association</i> , 2019, 8, e012121.	1.6	17
22	Treatment of renal congestion by tolvaptan. <i>Hypertension Research</i> , 2019, 42, 745-748.	1.5	3
23	Hydrochlorothiazide ameliorates polyuria caused by tolvaptan treatment of polycystic kidney disease in PCK rats. <i>Clinical and Experimental Nephrology</i> , 2019, 23, 455-464.	0.7	15
24	ATP6AP2 variant impairs CNS development and neuronal survival to cause fulminant neurodegeneration. <i>Journal of Clinical Investigation</i> , 2019, 129, 2145-2162.	3.9	37
25	(Pro)renin receptor is involved in mesangial fibrosis and matrix expansion. <i>Scientific Reports</i> , 2018, 8, 16.	1.6	26
26	Acidic organelles mediate TGF- $\beta$ 1-induced cellular fibrosis via (pro)renin receptor and vacuolar ATPase trafficking in human peritoneal mesothelial cells. <i>Scientific Reports</i> , 2018, 8, 2648.	1.6	4
27	Genome-wide association study for white coat effect in Japanese middle-aged to elderly people: The HOMED-BP study. <i>Clinical and Experimental Hypertension</i> , 2018, 40, 363-369.	0.5	2
28	Pathophysiological and molecular mechanisms involved in renal congestion in a novel rat model. <i>Scientific Reports</i> , 2018, 8, 16808.	1.6	52
29	N-Terminal Pro-B-Type Natriuretic Peptide Is Not a Significant Predictor of Stroke Incidence After 5 Years—The Ohasama Study. <i>Circulation Journal</i> , 2018, 82, 2055-2062.	0.7	7
30	Better Healing of the Exit Site with Negative-Pressure Wound Therapy. <i>Advances in Peritoneal Dialysis Conference on Peritoneal Dialysis</i> , 2018, 34, 53-57.	0.1	1
31	Expression of (Pro)renin Receptor During Rapamycin-Induced Erythropoiesis in K562 Erythroleukemia Cells and Its Possible Dual Actions on Erythropoiesis. <i>Tohoku Journal of Experimental Medicine</i> , 2017, 241, 35-43.	0.5	12
32	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
33	(Pro)renin receptor is crucial for Wnt/ $\beta$ 2-catenin-dependent genesis of pancreatic ductal adenocarcinoma. <i>Scientific Reports</i> , 2015, 5, 8854.	1.6	52
34	Association between N-terminal pro B-type natriuretic peptide and day-to-day blood pressure and heart rate variability in a general population. <i>Journal of Hypertension</i> , 2015, 33, 1536-1541.	0.3	18
35	Association of Aldosterone-to-Renin Ratio With Hypertension Differs by Sodium Intake: The Ohasama Study. <i>American Journal of Hypertension</i> , 2015, 28, 208-215.	1.0	10
36	Randomized trial comparing the velocities of the antihypertensive effects on home blood pressure of candesartan and candesartan with hydrochlorothiazide. <i>Hypertension Research</i> , 2015, 38, 701-707.	1.5	5

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37	A functional (pro)renin receptor is expressed in human lymphocytes and monocytes. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 308, F487-F499.	1.3	22
38	Animal Protein Intake Is Associated with Higher-Level Functional Capacity in Elderly Adults: The Ohasama Study. <i>Journal of the American Geriatrics Society</i> , 2014, 62, 426-434.	1.3	33
39	Day-to-Day Variability in Home Blood Pressure Is Associated With Cognitive Decline. <i>Hypertension</i> , 2014, 63, 1333-1338.	1.3	70
40	Plasma Soluble (Pro)Renin Receptor Is Independent of Plasma Renin, Prorenin, and Aldosterone Concentrations But Is Affected by Ethnicity. <i>Hypertension</i> , 2014, 63, 297-302.	1.3	47
41	Aldosterone-to-renin ratio and nocturnal blood pressure decline assessed by self-measurement of blood pressure at home: the Ohasama Study. <i>Clinical and Experimental Hypertension</i> , 2014, 36, 108-114.	0.5	15
42	Personality Traits as Predictors of Decline in Higher-Level Functional Capacity over a 7-Year Follow-Up in Older Adults: The Ohasama Study. <i>Tohoku Journal of Experimental Medicine</i> , 2014, 234, 197-207.	0.5	2
43	Expression of (pro)renin receptor in breast cancers and its effect on cancer cell proliferation. <i>Biomedical Research</i> , 2014, 35, 117-126.	0.3	25
44	Genome-wide response to antihypertensive medication using home blood pressure measurements: a pilot study nested within the HOMED-BP study. <i>Pharmacogenomics</i> , 2013, 14, 1709-1721.	0.6	36
45	Increased expression of (pro)renin receptor in aldosterone-producing adenomas. <i>Peptides</i> , 2013, 49, 68-73.	1.2	26
46	Is High Prorenin Levels Related to Relative Aldosterone Excess?. <i>American Journal of Hypertension</i> , 2013, 26, 153-153.	1.0	0
47	Home Blood Pressure Variability as Cardiovascular Risk Factor in the Population of Ohasama. <i>Hypertension</i> , 2013, 61, 61-69.	1.3	120
48	Breastfeeding leads to lower blood pressure in 7-year-old Japanese children: Tohoku Study of Child Development. <i>Hypertension Research</i> , 2013, 36, 117-122.	1.5	33
49	<i>In Situ</i> Hybridization Method Reveals (Pro)renin Receptor Expressing Cells in the Pituitary Gland of Rats: Correlation with Anterior Pituitary Hormones. <i>Acta Histochemica Et Cytochemica</i> , 2013, 46, 47-50.	0.8	6
50	Validation of the Parama-Tech PS-501 Device for Office Blood Pressure Measurement According to the International Protocol. <i>Clinical and Experimental Hypertension</i> , 2012, 34, 71-73.	0.5	5
51	Home Blood Pressure Level, Blood Pressure Variability, Smoking, and Stroke Risk in Japanese Men: The Ohasama Study. <i>American Journal of Hypertension</i> , 2012, 25, 883-891.	1.0	33
52	Prognostic Significance of Home Arterial Stiffness Index Derived From Self-Measurement of Blood Pressure: The Ohasama Study. <i>American Journal of Hypertension</i> , 2012, 25, 67-73.	1.0	10
53	Evaluating home blood pressure in treated hypertensives in comparison with the referential value of casual screening of blood pressure. <i>Blood Pressure Monitoring</i> , 2012, 17, 89-95.	0.4	8
54	Ambulatory Versus Home Versus Clinic Blood Pressure. <i>Hypertension</i> , 2012, 59, 22-28.	1.3	71

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55	Daily Serial Hemodynamic Data During Pregnancy and Seasonal Variation: The BOSHI Study. <i>Clinical and Experimental Hypertension</i> , 2012, 34, 290-296.	0.5	25
56	Aldosterone-to-Renin Ratio as a Predictor of Stroke Under Conditions of High Sodium Intake: The Ohasama Study. <i>American Journal of Hypertension</i> , 2012, 25, 777-783.	1.0	26
57	Pre-hypertension as a significant predictor of chronic kidney disease in a general population: the Ohasama Study. <i>Nephrology Dialysis Transplantation</i> , 2012, 27, 3218-3223.	0.4	50
58	The velocity of antihypertensive effect of losartan/hydrochlorothiazide and angiotensin II receptor blocker. <i>Journal of Hypertension</i> , 2012, 30, 1478-1486.	0.3	18
59	Plasma renin activity and the aldosterone-to-renin ratio are associated with the development of chronic kidney disease. <i>Journal of Hypertension</i> , 2012, 30, 1632-1638.	0.3	31
60	Biotin Ameliorates Muscle Cramps of Hemodialysis Patients: A Prospective Trial. <i>Tohoku Journal of Experimental Medicine</i> , 2012, 227, 217-223.	0.5	25
61	Predictive Value for Mortality of the Double Product at Rest Obtained by Home Blood Pressure Measurement: The Ohasama Study. <i>American Journal of Hypertension</i> , 2012, 25, 568-575.	1.0	42
62	Expression of (pro)renin receptor in human erythroid cell lines and its increased protein accumulation by interferon- $\beta$ . <i>Peptides</i> , 2012, 37, 285-289.	1.2	9
63	Mother-off spring aggregation in home versus conventional blood pressure in the Tohoku Study of Child Development (TSCD). <i>Acta Cardiologica</i> , 2012, 67, 449-456.	0.3	10
64	Aldosterone-to-renin ratio and nocturnal blood pressure decline in a general population. <i>Journal of Hypertension</i> , 2011, 29, 1940-1947.	0.3	20
65	Salt-inducible kinase 1 influences Na <sup>+</sup> ,K <sup>+</sup> -ATPase activity in vascular smooth muscle cells and associates with variations in blood pressure. <i>Journal of Hypertension</i> , 2011, 29, 2395-2403.	0.3	24
66	Adrenomedullin 2/Intermedin in the Hypothalamo-Pituitary-Adrenal Axis. <i>Journal of Molecular Neuroscience</i> , 2011, 43, 182-192.	1.1	33
67	Influence of adrenomedullin 2/intermedin gene polymorphism on blood pressure, renal function and silent cerebrovascular lesions in Japanese: the Ohasama study. <i>Hypertension Research</i> , 2011, 34, 1327-1332.	1.5	11
68	How many measurements are needed to provide reliable information in terms of the ambulatory arterial stiffness index? the Ohasama study. <i>Hypertension Research</i> , 2011, 34, 314-318.	1.5	6
69	Aldosterone-to-renin ratio and home blood pressure in subjects with higher and lower sodium intake: the Ohasama Study. <i>Hypertension Research</i> , 2011, 34, 361-366.	1.5	19
70	Association of (pro)renin receptor gene polymorphisms with lacunar infarction and left ventricular hypertrophy in Japanese women: the Ohasama study. <i>Hypertension Research</i> , 2011, 34, 530-535.	1.5	39
71	Self-Monitoring of Ambulatory Blood Pressure by the Microlife WatchBP O3 - An Application Test. <i>Clinical and Experimental Hypertension</i> , 2011, 33, 34-40.	0.5	9
72	Associated Factors of Home Versus Ambulatory Heart Rate Variability in the General Population: The Ohasama Study. <i>Clinical and Experimental Hypertension</i> , 2011, 33, 404-410.	0.5	3

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73	Parental longevity and offspring's home blood pressure: the Ohasama study. <i>Journal of Hypertension</i> , 2010, 28, 272-277.	0.3	7
74	Association of environmental tobacco smoke exposure with elevated home blood pressure in Japanese women: the Ohasama study. <i>Journal of Hypertension</i> , 2010, 28, 1814-1820.	0.3	45
75	Quantification of molecules in 1H-NMR metabolomics with formate as a concentration standard. <i>Journal of Toxicological Sciences</i> , 2010, 35, 253-256.	0.7	15
76	Factors Associated With Day-By-Day Variability of Self-Measured Blood Pressure at Home: The Ohasama Study. <i>American Journal of Hypertension</i> , 2010, 23, 980-986.	1.0	55
77	Association of Kidney Dysfunction with Silent Lacunar Infarcts and White Matter Hyperintensity in the General Population: The Ohasama Study. <i>Cerebrovascular Diseases</i> , 2010, 30, 43-50.	0.8	36
78	Stroke Risk in Treated Hypertension Based on Home Blood Pressure: the Ohasama Study. <i>American Journal of Hypertension</i> , 2010, 23, 508-514.	1.0	46
79	Expression of adrenomedullin 2/intermedin, a possible reno-protective peptide, is decreased in the kidneys of rats with hypertension or renal failure. <i>American Journal of Physiology - Renal Physiology</i> , 2010, 299, F128-F134.	1.3	18
80	Accumulation of common polymorphisms is associated with development of hypertension: a 12-year follow-up from the Ohasama study. <i>Hypertension Research</i> , 2010, 33, 129-134.	1.5	37
81	Validation of the FM-800 Ambulatory Blood Pressure Monitor According to the Association for the Advancement of Medical Instrumentation Criteria and the International Protocol. <i>Clinical and Experimental Hypertension</i> , 2010, 32, 523-527.	0.5	14
82	Expression of (pro)renin receptor in human kidneys with end-stage kidney disease due to diabetic nephropathy. <i>Peptides</i> , 2010, 31, 1405-1408.	1.2	52
83	Expression of kisspeptins and kisspeptin receptor in the kidney of chronic renal failure rats. <i>Peptides</i> , 2010, 31, 1920-1925.	1.2	13
84	Increased expression of (pro)renin receptor in the remnant kidneys of 5/6 nephrectomized rats. <i>Regulatory Peptides</i> , 2010, 159, 93-99.	1.9	38
85	Serum Magnesium, Ambulatory Blood Pressure, and Carotid Artery Alteration: The Ohasama Study. <i>American Journal of Hypertension</i> , 2010, 23, 1292-1298.	1.0	43
86	The association between masked hypertension and waist circumference as an obesity-related anthropometric index for metabolic syndrome: the Ohasama study. <i>Hypertension Research</i> , 2009, 32, 438-443.	1.5	34
87	Stroke Risk of Blood Pressure Indices Determined by Home Blood Pressure Measurement. <i>Stroke</i> , 2009, 40, 2859-2861.	1.0	31
88	Influence of Alcohol Intake on Circadian Blood Pressure Variation in Japanese Men: The Ohasama Study. <i>American Journal of Hypertension</i> , 2009, 22, 1171-1176.	1.0	22
89	Association of (Pro)renin Receptor Gene Polymorphism With Blood Pressure in Japanese Men: The Ohasama Study. <i>American Journal of Hypertension</i> , 2009, 22, 294-299.	1.0	79
90	Increased expression of urotensin II-related peptide and its receptor in kidney with hypertension or renal failure. <i>Peptides</i> , 2009, 30, 400-408.	1.2	29

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91	Increased expression of urotensin II, urotensin II-related peptide and urotensin II receptor mRNAs in the cardiovascular organs of hypertensive rats: Comparison with endothelin-1. <i>Peptides</i> , 2009, 30, 1124-1129.	1.2	34
92	The renin-angiotensin system, adrenomedullins and urotensin II in the kidney: Possible renoprotection via the kidney peptide systems. <i>Peptides</i> , 2009, 30, 1575-1585.	1.2	29
93	Gene expression of (pro)renin receptor is upregulated in hearts and kidneys of rats with congestive heart failure. <i>Peptides</i> , 2009, 30, 2316-2322.	1.2	62
94	Repeated evening home blood pressure measurement improves prognostic significance for stroke: a 12-year follow-up of the Ohasama study. <i>Blood Pressure Monitoring</i> , 2009, 14, 93-98.	0.4	16
95	Detection of silent cerebrovascular lesions in individuals with "masked" and "white-coat" hypertension by home blood pressure measurement: the Ohasama study. <i>Journal of Hypertension</i> , 2009, 27, 1049-1055.	0.3	20
96	Increased gene expression of urotensin II-related peptide in the hearts of rats with congestive heart failure. <i>Peptides</i> , 2008, 29, 801-808.	1.2	22
97	Expression of adrenomedullin 2/intermedin in human adrenal tumors and attached non-neoplastic adrenal tissues. <i>Journal of Endocrinology</i> , 2008, 198, 175-183.	1.2	23
98	Increased expression of adrenomedullin 2/intermedin in rat hearts with congestive heart failure. <i>European Journal of Heart Failure</i> , 2008, 10, 840-849.	2.9	33
99	Seasonal trends of blood pressure during pregnancy in Japan: the Babies and their Parents' Longitudinal Observation in Suzuki Memorial Hospital in Intrauterine Period study. <i>Journal of Hypertension</i> , 2008, 26, 2406-2413.	0.3	56
100	Predictive value of ambulatory heart rate in the Japanese general population: the Ohasama study. <i>Journal of Hypertension</i> , 2008, 26, 1571-1576.	0.3	71
101	Incorporating self-blood pressure measurements at home in the guideline from the Ohasama study. <i>Blood Pressure Monitoring</i> , 2007, 12, 407-409.	0.4	6
102	Stroke Risk in Systolic and Combined Systolic and Diastolic Hypertension Determined Using Ambulatory Blood Pressure The Ohasama Study. <i>American Journal of Hypertension</i> , 2007, 20, 1125-1131.	1.0	23
103	Expression of urocortin 3/stresscopin in human adrenal glands and adrenal tumors. <i>Peptides</i> , 2006, 27, 178-182.	1.2	16
104	Prognostic significance of night-time, early morning, and daytime blood pressures on the risk of cerebrovascular and cardiovascular mortality: the Ohasama Study. <i>Journal of Hypertension</i> , 2006, 24, 1841-1848.	0.3	73
105	Prediction of Stroke by Home "Morning" Versus "Evening" Blood Pressure Values. <i>Hypertension</i> , 2006, 48, 737-743.	1.3	143
106	Effects of vasoactive intestinal polypeptide antagonists on cholinergic neurotransmission in dog and cat trachea. <i>British Journal of Pharmacology</i> , 1991, 104, 938-944.	2.7	11
107	The spontaneous electrical and mechanical activity of human bronchial smooth muscle: its modulation by drugs. <i>British Journal of Pharmacology</i> , 1989, 98, 1249-1260.	2.7	33