

# Takayuki Masaki

## List of Publications by Citations

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114  
papers

3,300  
citations

31  
h-index

54  
g-index

119  
ext. papers

3,625  
ext. citations

5.2  
avg. IF

4.65  
L-index

#	Paper	IF	Citations
114	Adiponectin protects LPS-induced liver injury through modulation of TNF-alpha in KK-Ay obese mice. <i>Hepatology</i> , <b>2004</b> , 40, 177-84	11.2	333
113	Involvement of hypothalamic histamine H1 receptor in the regulation of feeding rhythm and obesity. <i>Diabetes</i> , <b>2004</b> , 53, 2250-60	0.9	165
112	Apelin, an APJ receptor ligand, regulates body adiposity and favors the messenger ribonucleic acid expression of uncoupling proteins in mice. <i>Endocrinology</i> , <b>2007</b> , 148, 2690-7	4.8	164
111	Centrally administered ghrelin suppresses sympathetic nerve activity in brown adipose tissue of rats. <i>Neuroscience Letters</i> , <b>2003</b> , 349, 75-8	3.3	130
110	Peripheral, but not central, administration of adiponectin reduces visceral adiposity and upregulates the expression of uncoupling protein in agouti yellow (Ay/a) obese mice. <i>Diabetes</i> , <b>2003</b> , 52, 2266-73	0.9	125
109	Fulminant type 1 diabetes mellitus with anti-programmed cell death-1 therapy. <i>Journal of Diabetes Investigation</i> , <b>2016</b> , 7, 915-918	3.9	114
108	TNF-alpha induces hepatic steatosis in mice by enhancing gene expression of sterol regulatory element binding protein-1c (SREBP-1c). <i>Experimental Biology and Medicine</i> , <b>2007</b> , 232, 614-21	3.7	113
107	Orexin-A regulates body temperature in coordination with arousal status. <i>Experimental Biology and Medicine</i> , <b>2001</b> , 226, 468-76	3.7	110
106	Telmisartan prevents obesity and increases the expression of uncoupling protein 1 in diet-induced obese mice. <i>Hypertension</i> , <b>2006</b> , 48, 51-7	8.5	106
105	Ghrelin regulates adiposity in white adipose tissue and UCP1 mRNA expression in brown adipose tissue in mice. <i>Regulatory Peptides</i> , <b>2005</b> , 130, 97-103		88
104	Enhanced expression of uncoupling protein 2 gene in rat white adipose tissue and skeletal muscle following chronic treatment with thyroid hormone. <i>FEBS Letters</i> , <b>1997</b> , 418, 323-6	3.8	86
103	Anti-obesity actions of mastication driven by histamine neurons in rats. <i>Experimental Biology and Medicine</i> , <b>2003</b> , 228, 1106-10	3.7	84
102	Hypothalamic melanocortin system regulates sympathetic nerve activity in brown adipose tissue. <i>Experimental Biology and Medicine</i> , <b>2004</b> , 229, 235-9	3.7	77
101	The hypothalamic H1 receptor: a novel therapeutic target for disrupting diurnal feeding rhythm and obesity. <i>Trends in Pharmacological Sciences</i> , <b>2006</b> , 27, 279-84	13.2	74
100	Isoleucine prevents the accumulation of tissue triglycerides and upregulates the expression of PPARalpha and uncoupling protein in diet-induced obese mice. <i>Journal of Nutrition</i> , <b>2010</b> , 140, 496-500	4.1	70
99	The effects of branched-chain amino acid granules on the accumulation of tissue triglycerides and uncoupling proteins in diet-induced obese mice. <i>Endocrine Journal</i> , <b>2011</b> , 58, 161-70	2.9	66
98	Corticotropin-releasing hormone-mediated pathway of leptin to regulate feeding, adiposity, and uncoupling protein expression in mice. <i>Endocrinology</i> , <b>2003</b> , 144, 3547-54	4.8	63

97	Role of leptin signaling in the pathogenesis of angiotensin II-mediated atrial fibrosis and fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2013</b> , 6, 402-9	6.4	59
96	A novel anti-inflammatory role for spleen-derived interleukin-10 in obesity-induced inflammation in white adipose tissue and liver. <i>Diabetes</i> , <b>2012</b> , 61, 1994-2003	0.9	56
95	Neuronal histamine regulates food intake, adiposity, and uncoupling protein expression in agouti yellow (A(y)/a) obese mice. <i>Endocrinology</i> , <b>2003</b> , 144, 2741-8	4.8	47
94	Dual regulatory effects of orexins on sympathetic nerve activity innervating brown adipose tissue in rats. <i>Endocrinology</i> , <b>2005</b> , 146, 2744-8	4.8	44
93	The dipeptidyl peptidase-4 inhibitor des-fluoro-sitagliptin regulates brown adipose tissue uncoupling protein levels in mice with diet-induced obesity. <i>PLoS ONE</i> , <b>2013</b> , 8, e63626	3.7	42
92	Tumor necrosis factor-alpha regulates in vivo expression of the rat UCP family differentially. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>1999</b> , 1436, 585-92	5	42
91	Effects of a nonnutritive sweetener on body adiposity and energy metabolism in mice with diet-induced obesity. <i>Metabolism: Clinical and Experimental</i> , <b>2014</b> , 63, 69-78	12.7	39
90	Interleukin 10 Treatment Ameliorates High-Fat Diet-Induced Inflammatory Atrial Remodeling and Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2018</b> , 11, e006040	6.4	37
89	Obesity in insulin receptor substrate-2-deficient mice: disrupted control of arcuate nucleus neuropeptides. <i>Obesity</i> , <b>2004</b> , 12, 878-85		36
88	Acute central infusion of leptin modulates fatty acid mobilization by affecting lipolysis and mRNA expression for uncoupling proteins. <i>Experimental Biology and Medicine</i> , <b>2005</b> , 230, 200-6	3.7	36
87	Nesfatin-1, corticotropin-releasing hormone, thyrotropin-releasing hormone, and neuronal histamine interact in the hypothalamus to regulate feeding behavior. <i>Journal of Neurochemistry</i> , <b>2013</b> , 124, 90-9	6	32
86	Intraportal administration of DPP-IV inhibitor regulates insulin secretion and food intake mediated by the hepatic vagal afferent nerve in rats. <i>Journal of Neurochemistry</i> , <b>2012</b> , 121, 66-76	6	32
85	Spleen-derived interleukin-10 downregulates the severity of high-fat diet-induced non-alcoholic fatty pancreas disease. <i>PLoS ONE</i> , <b>2012</b> , 7, e53154	3.7	32
84	The role of histamine H1 receptor and H2 receptor in LPS-induced liver injury. <i>FASEB Journal</i> , <b>2005</b> , 19, 1245-52	0.9	31
83	A novel anti-inflammatory role for spleen-derived interleukin-10 in obesity-induced hypothalamic inflammation. <i>Journal of Neurochemistry</i> , <b>2012</b> , 120, 752-64	6	29
82	Initial Japanese experience with intragastric balloon placement. <i>Obesity Surgery</i> , <b>2009</b> , 19, 791-5	3.7	27
81	Sterol regulatory element binding protein (SREBP)-1 expression in brain is affected by age but not by hormones or metabolic changes. <i>Brain Research</i> , <b>2006</b> , 1081, 19-27	3.7	27
80	Abdominal visceral fat accumulation is associated with hippocampus volume in non-dementia patients with type 2 diabetes mellitus. <i>NeuroImage</i> , <b>2010</b> , 49, 57-62	7.9	26

79	Hyperleptinemia Exacerbates High-Fat Diet-Mediated Atrial Fibrosis and Fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2017</b> , 28, 702-710	2.7	25
78	Obesity-related chronic kidney disease is associated with spleen-derived IL-10. <i>Nephrology Dialysis Transplantation</i> , <b>2013</b> , 28, 1120-30	4.3	25
77	Impaired response of UCP family to cold exposure in diabetic (db/db) mice. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2000</b> , 279, R1305-9	3.2	24
76	Association between hippocampal volume and serum adiponectin in patients with type 2 diabetes mellitus. <i>Metabolism: Clinical and Experimental</i> , <b>2012</b> , 61, 1197-200	12.7	23
75	Hypoadiponectinemia in type 2 diabetes mellitus in men is associated with sympathetic overactivity as evaluated by cardiac 123I-metaiodobenzylguanidine scintigraphy. <i>Metabolism: Clinical and Experimental</i> , <b>2007</b> , 56, 919-24	12.7	23
74	Role of spleen-derived IL-10 in prevention of systemic low-grade inflammation by obesity [Review]. <i>Endocrine Journal</i> , <b>2017</b> , 64, 375-378	2.9	21
73	The role of microalbuminuria and insulin resistance as significant risk factors for white matter lesions in Japanese type 2 diabetic patients. <i>Current Medical Research and Opinion</i> , <b>2008</b> , 24, 1561-7	2.5	20
72	Correlations between homocysteine levels and atherosclerosis in Japanese type 2 diabetic patients. <i>Metabolism: Clinical and Experimental</i> , <b>2007</b> , 56, 1390-5	12.7	20
71	Apelin-13 microinjection into the paraventricular nucleus increased sympathetic nerve activity innervating brown adipose tissue in rats. <i>Brain Research Bulletin</i> , <b>2012</b> , 87, 540-3	3.9	19
70	High-sensitivity C-reactive protein level is a significant risk factor for silent cerebral infarction in patients on hemodialysis. <i>Metabolism: Clinical and Experimental</i> , <b>2008</b> , 57, 66-70	12.7	19
69	Predictors for silent cerebral infarction in patients with chronic renal failure undergoing hemodialysis. <i>Metabolism: Clinical and Experimental</i> , <b>2007</b> , 56, 593-8	12.7	17
68	Involvement of stomach ghrelin and hypothalamic neuropeptides in tumor necrosis factor-alpha-induced hypophagia in mice. <i>Regulatory Peptides</i> , <b>2007</b> , 140, 94-100		16
67	High-sensitivity C-reactive protein is associated with hippocampus volume in nondementia patients with type 2 diabetes mellitus. <i>Metabolism: Clinical and Experimental</i> , <b>2011</b> , 60, 460-6	12.7	15
66	High-density lipoprotein cholesterol and insulin resistance are independent and additive markers of left ventricular hypertrophy in essential hypertension. <i>Hypertension Research</i> , <b>2007</b> , 30, 125-31	4.7	15
65	Brain-derived neurotrophic factor, corticotropin-releasing factor, and hypothalamic neuronal histamine interact to regulate feeding behavior. <i>Journal of Neurochemistry</i> , <b>2013</b> , 125, 588-98	6	14
64	Homocysteine levels are associated with hippocampus volume in type 2 diabetic patients. <i>European Journal of Clinical Investigation</i> , <b>2011</b> , 41, 751-8	4.6	14
63	Association between plasma high-sensitivity C-reactive protein and insulin resistance and white matter lesions in Japanese type 2 diabetic patients. <i>Diabetes Research and Clinical Practice</i> , <b>2010</b> , 87, 233-9	7.4	14
62	Effects of pravastatin on obesity, diabetes, and adiponectin in diet-induced obese mice. <i>Obesity</i> , <b>2008</b> , 16, 2068-73	8	14

61	Retinol binding protein 4 concentrations are influenced by renal function in patients with type 2 diabetes mellitus. <i>Metabolism: Clinical and Experimental</i> , <b>2008</b> , 57, 1340-4	12.7	14
60	Hypothalamic neuronal histamine signaling in the estrogen deficiency-induced obesity. <i>Journal of Neurochemistry</i> , <b>2009</b> , 110, 1796-805	6	13
59	Effects of hydrophilic statins on renal tubular lipid accumulation in diet-induced obese mice. <i>Obesity Research and Clinical Practice</i> , <b>2013</b> , 7, e342-52	5.4	12
58	Diabetic retinopathy is associated with visceral fat accumulation in Japanese type 2 diabetes mellitus patients. <i>Metabolism: Clinical and Experimental</i> , <b>2010</b> , 59, 314-9	12.7	12
57	Abdominal visceral fat accumulation is associated with the results of (123)I-metaiodobenzylguanidine myocardial scintigraphy in type 2 diabetic patients. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2007</b> , 34, 1189-97	8.8	12
56	L-histidine stimulates sympathetic nerve activity to brown adipose tissue in rats. <i>Neuroscience Letters</i> , <b>2004</b> , 362, 71-4	3.3	12
55	Leptin downregulates ghrelin levels in streptozotocin-induced diabetic mice. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2005</b> , 289, R1703-6	3.2	12
54	A clinical approach to brown adipose tissue in the para-aortic area of the human thorax. <i>PLoS ONE</i> , <b>2015</b> , 10, e0122594	3.7	10
53	Neuronal histamine and its receptors in obesity and diabetes. <i>Current Diabetes Reviews</i> , <b>2007</b> , 3, 212-6	2.7	10
52	Telmisartan reduced abdominal circumference and body weight with decreasing triglyceride level in patients with type 2 diabetes and metabolic syndrome. <i>Obesity Research and Clinical Practice</i> , <b>2010</b> , 4, e83-e162	5.4	9
51	Homocysteine levels are associated with the results of 123I-metaiodobenzylguanidine myocardial scintigraphy in type 2 diabetic patients. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2007</b> , 34, 28-35	8.8	9
50	Correlations of high-sensitivity C-reactive protein and atherosclerosis in Japanese type 2 diabetic patients. <i>European Journal of Endocrinology</i> , <b>2007</b> , 157, 311-7	6.5	9
49	Intracerebroventricular administration of urotensin II regulates food intake and sympathetic nerve activity in brown adipose tissue. <i>Peptides</i> , <b>2012</b> , 35, 131-5	3.8	8
48	Role of the spleen in the development of steatohepatitis in high-fat-diet-induced obese rats. <i>Experimental Biology and Medicine</i> , <b>2012</b> , 237, 461-70	3.7	8
47	Postchallenge plasma glucose and glycemic spikes are associated with pulse pressure in patients with impaired glucose tolerance and essential hypertension. <i>Hypertension Research</i> , <b>2008</b> , 31, 1565-71	4.7	8
46	Hypothalamic neuronal histamine modulates febrile response but not anorexia induced by lipopolysaccharide. <i>Experimental Biology and Medicine</i> , <b>2005</b> , 230, 334-42	3.7	8
45	Glucagon-like peptide-1 reduces pancreatic $\beta$ cell mass through hypothalamic neural pathways in high-fat diet-induced obese rats. <i>Scientific Reports</i> , <b>2017</b> , 7, 5578	4.9	7
44	Predictors for prehypertension in patients with impaired glucose tolerance. <i>Hypertension Research</i> , <b>2008</b> , 31, 1913-20	4.7	7

43	Hyperhomocysteinemia is associated with visceral adiposity in Japanese patients with type 2 diabetes mellitus. <i>Diabetes Research and Clinical Practice</i> , <b>2007</b> , 77, 168-73	7.4	7
42	Mast Cells Play an Important Role in the Pathogenesis of Hyperglycemia-Induced Atrial Fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2016</b> , 27, 981-9	2.7	7
41	Cilnidipine regulates glucose metabolism and levels of high-molecular adiponectin in diet-induced obese mice. <i>Hypertension Research</i> , <b>2013</b> , 36, 196-201	4.7	6
40	Hepatocyte growth factor is a significant risk factor for white matter lesions in Japanese type 2 diabetic patients. <i>European Journal of Clinical Investigation</i> , <b>2010</b> , 40, 585-90	4.6	6
39	Heterozygosity for leptin receptor (fa) accelerates hepatic triglyceride accumulation without hyperphagia in Zucker rats. <i>Obesity Research and Clinical Practice</i> , <b>2009</b> , 3, 1-52	5.4	6
38	Correlations of visceral fat accumulation and atherosclerosis in Japanese patients with type 2 diabetes mellitus. <i>Metabolism: Clinical and Experimental</i> , <b>2008</b> , 57, 280-4	12.7	6
37	Smoking is associated with urinary albumin excretion: an evaluation of premenopausal patients with type 2 diabetes mellitus. <i>Metabolism: Clinical and Experimental</i> , <b>2007</b> , 56, 179-84	12.7	6
36	Neuronal histamine and histamine receptors in food intake and obesity. <i>Mini-Reviews in Medicinal Chemistry</i> , <b>2007</b> , 7, 821-5	3.2	6
35	Up-regulation of uterine UCP2 and UCP3 in pregnant rats. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>1999</b> , 1440, 81-8	5	6
34	Obesity, adipocytokines and cancer. <i>Translational Oncogenomics</i> , <b>2008</b> , 3, 45-52		6
33	Development of a New Chemiluminescent Enzyme Immunoassay Using a Two-Step Sandwich Method for Measuring Aldosterone Concentrations. <i>Diagnostics</i> , <b>2021</b> , 11,	3.8	6
32	Bioelectrical Impedance Analysis Results for Estimating Body Composition Are Associated with Glucose Metabolism Following Laparoscopic Sleeve Gastrectomy in Obese Japanese Patients. <i>Nutrients</i> , <b>2018</b> , 10,	6.7	6
31	Visceral Fat Accumulation Is Associated with Asthma in Patients with Type 2 Diabetes. <i>Journal of Diabetes Research</i> , <b>2019</b> , 2019, 3129286	3.9	5
30	Involvement of remnant spleen volume on the progression of steatohepatitis in diet-induced obese rats after a splenectomy. <i>Hepatology Research</i> , <b>2012</b> , 42, 203-12	5.1	5
29	The role of homocysteine as a significant risk factor for white matter lesions in Japanese women with rheumatoid arthritis. <i>Metabolism: Clinical and Experimental</i> , <b>2009</b> , 58, 69-73	12.7	5
28	Relationships between computed tomography-assessed density, abdominal fat volume, and glucose metabolism after sleeve gastrectomy in Japanese patients with obesity. <i>Endocrine Journal</i> , <b>2019</b> , 66, 605-613	2.9	4
27	Decreased high molecular weight adiponectin in sera is associated with white matter lesions in Japanese men with type 2 diabetes. <i>Diabetes Care</i> , <b>2011</b> , 34, e132	14.6	4
26	Visceral fat accumulation is associated with circadian blood pressure in Japanese patients with impaired glucose tolerance. <i>Diabetes Care</i> , <b>2011</b> , 34, e32	14.6	4

25	Correlations of urinary albumin excretion and atherosclerosis in Japanese type 2 diabetic patients. <i>Diabetes Research and Clinical Practice</i> , <b>2007</b> , 77, 414-9	7.4	4
24	Molecular mechanisms of neuronal histamine and its receptors in obesity. <i>Current Molecular Pharmacology</i> , <b>2009</b> , 2, 249-52	3.7	4
23	Analysis of amino acid profiles of blood over time and biomarkers associated with non-alcoholic steatohepatitis in STAM mice. <i>Experimental Animals</i> , <b>2019</b> , 68, 417-428	1.8	3
22	A case of adrenaline-predominant paraganglioma diagnosed with a state of shock after glucagon injection. <i>Hypertension Research</i> , <b>2020</b> , 43, 473-475	4.7	3
21	Interleukin-10 treatment attenuates sinus node dysfunction caused by streptozotocin-induced hyperglycaemia in mice. <i>Cardiovascular Research</i> , <b>2019</b> , 115, 57-70	9.9	3
20	Initial Japanese experience with the LAP-BAND system. <i>Asian Journal of Endoscopic Surgery</i> , <b>2013</b> , 6, 39-43	1.4	3
19	Hepatocyte growth factor levels are associated with the results of 123I-metaiodobenzylguanidine myocardial scintigraphy in patients with type 2 diabetes mellitus. <i>Metabolism: Clinical and Experimental</i> , <b>2009</b> , 58, 167-73	12.7	3
18	Therapeutic approach of histamine H3 receptors in obesity. <i>Recent Patents on CNS Drug Discovery</i> , <b>2007</b> , 2, 238-40		3
17	-Tocopherol suppresses hepatic steatosis by increasing CPT-1 expression in a mouse model of diet-induced nonalcoholic fatty liver disease. <i>Obesity Science and Practice</i> , <b>2021</b> , 7, 91-99	2.6	3
16	White matter lesions are associated with the results of 123I-metaiodobenzylguanidine myocardial scintigraphy in type 2 diabetes mellitus patients. <i>Metabolism: Clinical and Experimental</i> , <b>2009</b> , 58, 696-703	12.7	2
15	Background characteristics and diabetes remission after laparoscopic sleeve gastrectomy in Japanese patients with type 2 diabetes stratified by BMI: subgroup analysis of J-SMART. <i>Diabetology International</i> , <b>2021</b> , 12, 303-312	2.3	2
14	Effects of Sleeve Gastrectomy on Blood Pressure and the Renal Renin-Angiotensin System in Rats with Diet-Induced Obesity. <i>Obesity</i> , <b>2019</b> , 27, 785-792	8	1
13	High alanine aminotransferase level as a predictor for the incidence of macrovascular disease in type 2 diabetic patients with fatty liver disease. <i>Hepatology International</i> , <b>2013</b> , 7, 555-61	8.8	1
12	Dopamine-Secreting Pheochromocytoma and Paraganglioma. <i>Journal of the Endocrine Society</i> , <b>2021</b> , 5, bvab163	0.4	1
11	Isoleucine, PPAR and Uncoupling Proteins <b>2015</b> , 41-47		1
10	Oral Salt Loading Test is Associated With 24-Hour Blood Pressure and Organ Damage in Primary Aldosteronism Patients. <i>Journal of the Endocrine Society</i> , <b>2020</b> , 4, bvaa116	0.4	1
9	Quality of Life of Primary Aldosteronism Patients by Mineralocorticoid Receptor Antagonists. <i>Journal of the Endocrine Society</i> , <b>2021</b> , 5, bvab020	0.4	1
8	Endoscopic intragastric balloon therapy for 15 years in Japan: Results of nationwide surveys. <i>Asian Journal of Endoscopic Surgery</i> , <b>2021</b> , 14, 401-407	1.4	0

- 7 Adrenal Vein Sampling With Gadolinium Contrast Medium in a Patient With Florid Primary Aldosteronism and Iodine Allergy.. *Journal of the Endocrine Society*, **2022**, 6, bvac007 0.4 ○
- 6 Re-Assessment of the Oral Salt Loading Test Using a New Chemiluminescent Enzyme Immunoassay Based on a Two-Step Sandwich Method to Measure 24-Hour Urine Aldosterone Excretion.. *Frontiers in Endocrinology*, **2022**, 13, 859347 5.7 ○
- 5 Ghrelin in small intestine, its contribution to regulation of food intake and body weight in cross-intestinal parabiotic rats. *Endocrine Journal*, **2011**, 58, 625-32 2.9
- 4 Use of Branched Chain Amino Acids Granules in Experimental Models of Diet-Induced Obesity **2015**, 211-217
- 3 The Neuronal Histamine and its Receptors as New Therapeutic Targets for Food Intake and Obesity **2010**, 299-314
- 2 Human skeletal muscles replaced to a high degree by white adipose tissue. *Okajimas Folia Anatomica Japonica*, **2011**, 87, 165-70 0.3
- 1 Pore alterations of the endothelial lining of rat fenestrated intestinal capillaries exposed to acute stress. *Histology and Histopathology*, **2016**, 31, 807-17 1.4