

Takayuki Masaki

List of Publications by Year in descending order

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116
papers

3,947
citations

136740

32
h-index

133063

59
g-index

119
all docs

119
docs citations

119
times ranked

5790
citing authors

#	ARTICLE	IF	CITATIONS
1	Adiponectin protects LPS-induced liver injury through modulation of TNF- α in KK-Ay obese mice. <i>Hepatology</i> , 2004, 40, 177-184.	3.6	382
2	Apelin, an APJ Receptor Ligand, Regulates Body Adiposity and Favors the Messenger Ribonucleic Acid Expression of Uncoupling Proteins in Mice. <i>Endocrinology</i> , 2007, 148, 2690-2697.	1.4	196
3	Involvement of Hypothalamic Histamine H1 Receptor in the Regulation of Feeding Rhythm and Obesity. <i>Diabetes</i> , 2004, 53, 2250-2260.	0.3	181
4	Centrally administered ghrelin suppresses sympathetic nerve activity in brown adipose tissue of rats. <i>Neuroscience Letters</i> , 2003, 349, 75-78.	1.0	147
5	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> , 2003, 52, 2266-2273.	0.3	143
6	Fulminant type 1 diabetes mellitus with anti-programmed cell death-1 therapy. <i>Journal of Diabetes Investigation</i> , 2016, 7, 915-918.	1.1	139
7	Orexin-A Regulates Body Temperature in Coordination with Arousal Status. <i>Experimental Biology and Medicine</i> , 2001, 226, 468-476.	1.1	129
8	TNF- α induces hepatic steatosis in mice by enhancing gene expression of sterol regulatory element binding protein-1c (SREBP-1c). <i>Experimental Biology and Medicine</i> , 2007, 232, 614-21.	1.1	118
9	Telmisartan Prevents Obesity and Increases the Expression of Uncoupling Protein 1 in Diet-Induced Obese Mice. <i>Hypertension</i> , 2006, 48, 51-57.	1.3	113
10	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> , 1997, 418, 323-326.	1.3	104
11	Anti-Obesity Actions of Mastication Driven by Histamine Neurons in Rats. <i>Experimental Biology and Medicine</i> , 2003, 228, 1106-1110.	1.1	103
12	Ghrelin regulates adiposity in white adipose tissue and UCP1 mRNA expression in brown adipose tissue in mice. <i>Regulatory Peptides</i> , 2005, 130, 97-103.	1.9	102
13	Isoleucine Prevents the Accumulation of Tissue Triglycerides and Upregulates the Expression of PPAR α and Uncoupling Protein in Diet-Induced Obese Mice. <i>Journal of Nutrition</i> , 2010, 140, 496-500.	1.3	95
14	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> , 2011, 58, 161-170.	0.7	86
15	The hypothalamic H1 receptor: a novel therapeutic target for disrupting diurnal feeding rhythm and obesity. <i>Trends in Pharmacological Sciences</i> , 2006, 27, 279-284.	4.0	85
16	Hypothalamic Melanocortin System Regulates Sympathetic Nerve Activity in Brown Adipose Tissue. <i>Experimental Biology and Medicine</i> , 2004, 229, 235-239.	1.1	81
17	Role of Leptin Signaling in the Pathogenesis of Angiotensin II-Mediated Atrial Fibrosis and Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2013, 6, 402-409.	2.1	76
18	Corticotropin-Releasing Hormone-Mediated Pathway of Leptin to Regulate Feeding, Adiposity, and Uncoupling Protein Expression in Mice. <i>Endocrinology</i> , 2003, 144, 3547-3554.	1.4	69

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19	Interleukin 10 Treatment Ameliorates High-Fat Diet-Induced Inflammatory Atrial Remodeling and Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2018, 11, e006040.	2.1	66
20	A Novel Anti-inflammatory Role for Spleen-Derived Interleukin-10 in Obesity-Induced Inflammation in White Adipose Tissue and Liver. <i>Diabetes</i> , 2012, 61, 1994-2003.	0.3	63
21	Neuronal Histamine Regulates Food Intake, Adiposity, and Uncoupling Protein Expression in Agouti Yellow (Ay/a) Obese Mice. <i>Endocrinology</i> , 2003, 144, 2741-2748.	1.4	52
22	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> , 2013, 8, e63626.	1.1	49
23	Effects of a nonnutritive sweetener on body adiposity and energy metabolism in mice with diet-induced obesity. <i>Metabolism: Clinical and Experimental</i> , 2014, 63, 69-78.	1.5	48
24	Tumor necrosis factor- α regulates in vivo expression of the rat UCP family differentially. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 1999, 1436, 585-592.	1.2	47
25	Dual Regulatory Effects of Orexins on Sympathetic Nerve Activity Innervating Brown Adipose Tissue in Rats. <i>Endocrinology</i> , 2005, 146, 2744-2748.	1.4	45
26	Spleen-Derived Interleukin-10 Downregulates the Severity of High-Fat Diet-Induced Non-Alcoholic Fatty Pancreas Disease. <i>PLoS ONE</i> , 2012, 7, e53154.	1.1	43
27	Obesity in Insulin Receptor Substrate-2 Deficient Mice: Disrupted Control of Arcuate Nucleus Neuropeptides. <i>Obesity</i> , 2004, 12, 878-885.	4.0	41
28	Acute Central Infusion of Leptin Modulates Fatty Acid Mobilization by Affecting Lipolysis and mRNA Expression for Uncoupling Proteins. <i>Experimental Biology and Medicine</i> , 2005, 230, 200-206.	1.1	41
29	Nesfatin-1, corticotropin-releasing hormone, thyrotropin-releasing hormone, and neuronal histamine interact in the hypothalamus to regulate feeding behavior. <i>Journal of Neurochemistry</i> , 2013, 124, 90-99.	2.1	40
30	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> , 2006, 1081, 19-27.	1.1	37
31	The role of histamine H1receptor and H2receptor in LPS-induced liver injury. <i>FASEB Journal</i> , 2005, 19, 1245-1252.	0.2	35
32	Hyperleptinemia Exacerbates High-Fat Diet-Mediated Atrial Fibrosis and Fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , 2017, 28, 702-710.	0.8	35
33	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> , 2012, 121, 66-76.	2.1	34
34	A novel anti-inflammatory role for spleen-derived interleukin-10 in obesity-induced hypothalamic inflammation. <i>Journal of Neurochemistry</i> , 2012, 120, 752-764.	2.1	33
35	Initial Japanese Experience with Intra-gastric Balloon Placement. <i>Obesity Surgery</i> , 2009, 19, 791-795.	1.1	32
36	Impaired response of UCP family to cold exposure in diabetic (db/db) mice. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2000, 279, R1305-R1309.	0.9	31

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37	Abdominal visceral fat accumulation is associated with hippocampus volume in non-dementia patients with type 2 diabetes mellitus. <i>NeuroImage</i> , 2010, 49, 57-62.	2.1	31
38	Obesity-related chronic kidney disease is associated with spleen-derived IL-10. <i>Nephrology Dialysis Transplantation</i> , 2013, 28, 1120-1130.	0.4	31
39	Association between hippocampal volume and serum adiponectin in patients with type 2 diabetes mellitus. <i>Metabolism: Clinical and Experimental</i> , 2012, 61, 1197-1200.	1.5	28
40	Role of spleen-derived IL-10 in prevention of systemic low-grade inflammation by obesity [Review]. <i>Endocrine Journal</i> , 2017, 64, 375-378.	0.7	27
41	Hypoadiponectinemia in type 2 diabetes mellitus in men is associated with sympathetic overactivity as evaluated by cardiac ¹²³ I-metaiodobenzylguanidine scintigraphy. <i>Metabolism: Clinical and Experimental</i> , 2007, 56, 919-924.	1.5	26
42	Predictors for silent cerebral infarction in patients with chronic renal failure undergoing hemodialysis. <i>Metabolism: Clinical and Experimental</i> , 2007, 56, 593-598.	1.5	22
43	Correlations between homocysteine levels and atherosclerosis in Japanese type 2 diabetic patients. <i>Metabolism: Clinical and Experimental</i> , 2007, 56, 1390-1395.	1.5	22
44	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> , 2008, 57, 66-70.	1.5	22
45	High-sensitivity C-reactive protein is associated with hippocampus volume in nondementia patients with type 2 diabetes mellitus. <i>Metabolism: Clinical and Experimental</i> , 2011, 60, 460-466.	1.5	22
46	High-Density Lipoprotein Cholesterol and Insulin Resistance Are Independent and Additive Markers of Left Ventricular Hypertrophy in Essential Hypertension. <i>Hypertension Research</i> , 2007, 30, 125-131.	1.5	21
47	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> , 2008, 24, 1561-1567.	0.9	20
48	Apelin-13 microinjection into the paraventricular nucleus increased sympathetic nerve activity innervating brown adipose tissue in rats. <i>Brain Research Bulletin</i> , 2012, 87, 540-543.	1.4	20
49	Diabetic retinopathy is associated with visceral fat accumulation in Japanese type 2 diabetes mellitus patients. <i>Metabolism: Clinical and Experimental</i> , 2010, 59, 314-319.	1.5	19
50	Leptin downregulates ghrelin levels in streptozotocin-induced diabetic mice. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2005, 289, R1703-R1706.	0.9	17
51	Hypothalamic neuronal histamine signaling in the estrogen deficiency-induced obesity. <i>Journal of Neurochemistry</i> , 2009, 110, 1796-1805.	2.1	17
52	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> , 2010, 87, 233-239.	1.1	17
53	Development of a New Chemiluminescent Enzyme Immunoassay Using a Two-Step Sandwich Method for Measuring Aldosterone Concentrations. <i>Diagnostics</i> , 2021, 11, 433.	1.3	17
54	Involvement of stomach ghrelin and hypothalamic neuropeptides in tumor necrosis factor-alpha-induced hypophagia in mice. <i>Regulatory Peptides</i> , 2007, 140, 94-100.	1.9	16

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55	Homocysteine levels are associated with hippocampus volume in type 2 diabetic patients. <i>European Journal of Clinical Investigation</i> , 2011, 41, 751-758.	1.7	16
56	Brain-derived neurotrophic factor, corticotropin-releasing factor, and hypothalamic neuronal histamine interact to regulate feeding behavior. <i>Journal of Neurochemistry</i> , 2013, 125, 588-598.	2.1	16
57	l-Histidine stimulates sympathetic nerve activity to brown adipose tissue in rats. <i>Neuroscience Letters</i> , 2004, 362, 71-74.	1.0	14
58	Neuronal Histamine and its Receptors in Obesity and Diabetes. <i>Current Diabetes Reviews</i> , 2007, 3, 212-216.	0.6	14
59	Effects of Pravastatin on Obesity, Diabetes, and Adiponectin in Diet-induced Obese Mice. <i>Obesity</i> , 2008, 16, 2068-2073.	1.5	14
60	Retinol binding protein 4 concentrations are influenced by renal function in patients with type 2 diabetes mellitus. <i>Metabolism: Clinical and Experimental</i> , 2008, 57, 1340-1344.	1.5	14
61	Effects of hydrophilic statins on renal tubular lipid accumulation in diet-induced obese mice. <i>Obesity Research and Clinical Practice</i> , 2013, 7, e342-e352.	0.8	14
62	Mast Cells Play an Important Role in the Pathogenesis of Hyperglycemia-induced Atrial Fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , 2016, 27, 981-989.	0.8	14
63	A Clinical Approach to Brown Adipose Tissue in the Para-Aortic Area of the Human Thorax. <i>PLoS ONE</i> , 2015, 10, e0122594.	1.1	13
64	Bioelectrical Impedance Analysis Results for Estimating Body Composition Are Associated with Glucose Metabolism Following Laparoscopic Sleeve Gastrectomy in Obese Japanese Patients. <i>Nutrients</i> , 2018, 10, 1456.	1.7	13
65	Interleukin-10 treatment attenuates sinus node dysfunction caused by streptozotocin-induced hyperglycaemia in mice. <i>Cardiovascular Research</i> , 2019, 115, 57-70.	1.8	13
66	Abdominal visceral fat accumulation is associated with the results of 123I-metaiodobenzylguanidine myocardial scintigraphy in type 2 diabetic patients. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2007, 34, 1189-1197.	3.3	12
67	Dopamine-Secreting Pheochromocytoma and Paraganglioma. <i>Journal of the Endocrine Society</i> , 2021, 5, bvab163.	0.1	11
68	Hyperhomocysteinemia is associated with visceral adiposity in Japanese patients with type 2 diabetes mellitus. <i>Diabetes Research and Clinical Practice</i> , 2007, 77, 168-173.	1.1	10
69	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> , 2010, 4, e145-e152.	0.8	10
70	Visceral Fat Accumulation Is Associated with Asthma in Patients with Type 2 Diabetes. <i>Journal of Diabetes Research</i> , 2019, 2019, 1-7.	1.0	10
71	Hypothalamic Neuronal Histamine Modulates Febrile Response but Not Anorexia Induced by Lipopolysaccharide. <i>Experimental Biology and Medicine</i> , 2005, 230, 334-342.	1.1	9
72	Correlations of high-sensitivity C-reactive protein and atherosclerosis in Japanese type 2 diabetic patients. <i>European Journal of Endocrinology</i> , 2007, 157, 311-317.	1.9	9

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73	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> , 2007, 34, 28-35.	3.3	9
74	Postchallenge Plasma Glucose and Glycemic Spikes Are Associated with Pulse Pressure in Patients with Impaired Glucose Tolerance and Essential Hypertension. <i>Hypertension Research</i> , 2008, 31, 1565-1571.	1.5	9
75	Role of the spleen in the development of steatohepatitis in high-fat-diet-induced obese rats. <i>Experimental Biology and Medicine</i> , 2012, 237, 461-470.	1.1	9
76	Up-regulation of uterine UCP2 and UCP3 in pregnant rats. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 1999, 1440, 81-88.	1.2	8
77	Intracerebroventricular administration of urotensin II regulates food intake and sympathetic nerve activity in brown adipose tissue. <i>Peptides</i> , 2012, 35, 131-135.	1.2	8
78	Analysis of amino acid profiles of blood over time and biomarkers associated with non-alcoholic steatohepatitis in STAM mice. <i>Experimental Animals</i> , 2019, 68, 417-428.	0.7	8
79	α-Tocopherol suppresses hepatic steatosis by increasing CPT1 expression in a mouse model of diet-induced nonalcoholic fatty liver disease. <i>Obesity Science and Practice</i> , 2021, 7, 91-99.	1.0	8
80	Obesity, adipocytokines and cancer. <i>Translational Oncogenomics</i> , 2008, 3, 45-52.	1.7	8
81	Smoking is associated with urinary albumin excretion: an evaluation of premenopausal patients with type 2 diabetes mellitus. <i>Metabolism: Clinical and Experimental</i> , 2007, 56, 179-184.	1.5	7
82	Correlations of visceral fat accumulation and atherosclerosis in Japanese patients with type 2 diabetes mellitus. <i>Metabolism: Clinical and Experimental</i> , 2008, 57, 280-284.	1.5	7
83	Predictors for Prehypertension in Patients with Impaired Glucose Tolerance. <i>Hypertension Research</i> , 2008, 31, 1913-1920.	1.5	7
84	Cilnidipine regulates glucose metabolism and levels of high-molecular adiponectin in diet-induced obese mice. <i>Hypertension Research</i> , 2013, 36, 196-201.	1.5	7
85	Glucagon-like peptide-1 reduces pancreatic β -cell mass through hypothalamic neural pathways in high-fat diet-induced obese rats. <i>Scientific Reports</i> , 2017, 7, 5578.	1.6	7
86	Relationships between computed tomography-assessed density, abdominal fat volume, and glucose metabolism after sleeve gastrectomy in Japanese patients with obesity. <i>Endocrine Journal</i> , 2019, 66, 605-613.	0.7	7
87	Neuronal Histamine and Histamine Receptors in Food Intake and Obesity. <i>Mini-Reviews in Medicinal Chemistry</i> , 2007, 7, 821-825.	1.1	6
88	Correlations of urinary albumin excretion and atherosclerosis in Japanese type 2 diabetic patients. <i>Diabetes Research and Clinical Practice</i> , 2007, 77, 414-419.	1.1	6
89	Heterozygosity for leptin receptor (<i>fa</i>) accelerates hepatic triglyceride accumulation without hyperphagia in Zucker rats. <i>Obesity Research and Clinical Practice</i> , 2009, 3, 29-34.	0.8	6
90	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> , 2010, 40, 585-590.	1.7	6

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91	Involvement of remnant spleen volume on the progression of steatohepatitis in diet-induced obese rats after a splenectomy. <i>Hepatology Research</i> , 2012, 42, 203-212.	1.8	6
92	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> , 2009, 58, 69-73.	1.5	5
93	Effects of Sleeve Gastrectomy on Blood Pressure and the Renal Renin-Angiotensin System in Rats with Diet-Induced Obesity. <i>Obesity</i> , 2019, 27, 785-792.	1.5	5
94	Quality of Life of Primary Aldosteronism Patients by Mineralocorticoid Receptor Antagonists. <i>Journal of the Endocrine Society</i> , 2021, 5, bvab020.	0.1	5
95	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. <i>Frontiers in Endocrinology</i> , 2022, 13, 859347.	1.5	5
96	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> , 2009, 58, 167-173.	1.5	4
97	Decreased High Molecular Weight Adiponectin in Sera Is Associated With White Matter Lesions in Japanese Men With Type 2 Diabetes. <i>Diabetes Care</i> , 2011, 34, e132-e132.	4.3	4
98	Visceral Fat Accumulation Is Associated With Circadian Blood Pressure in Japanese Patients With Impaired Glucose Tolerance. <i>Diabetes Care</i> , 2011, 34, e32-e32.	4.3	4
99	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> , 2021, 12, 303-312.	0.7	4
100	Molecular Mechanisms of Neuronal Histamine and its Receptors in Obesity. <i>Current Molecular Pharmacology</i> , 2009, 2, 249-252.	0.7	4
101	Therapeutic Approach of Histamine H3 Receptors in Obesity. <i>Recent Patents on CNS Drug Discovery</i> , 2007, 2, 238-240.	0.9	3
102	Initial Japanese experience with the LAP-BAND system. <i>Asian Journal of Endoscopic Surgery</i> , 2013, 6, 39-43.	0.4	3
103	A case of adrenaline-predominant paraganglioma diagnosed with a state of shock after glucagon injection. <i>Hypertension Research</i> , 2020, 43, 473-475.	1.5	3
104	Glucagon-Like Peptide-1 Receptor Agonist Semaglutide Improves Eating Behavior and Glycemic Control in Japanese Obese Type 2 Diabetic Patients. <i>Metabolites</i> , 2022, 12, 147.	1.3	3
105	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> , 2009, 58, 696-703.	1.5	2
106	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> , 2020, 4, bvaa116.	0.1	2
107	Endoscopic intragastric balloon therapy for 15 years in Japan: Results of nationwide surveys. <i>Asian Journal of Endoscopic Surgery</i> , 2020, 14, 401-407.	0.4	2
108	Adrenal Vein Sampling With Gadolinium Contrast Medium in a Patient With Florid Primary Aldosteronism and Iodine Allergy. <i>Journal of the Endocrine Society</i> , 2022, 6, bvac007.	0.1	2

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109	Comprehensive lipidomics of lupus-prone mice using LC-MS / MS identifies the reduction of palmitoylethanolamide that suppresses TLR9-mediated inflammation. <i>Genes To Cells</i> , 2022, , .	0.5	2
110	Characteristics of Childhood Onset and Post-Puberty Onset Obesity and Weight Regain after Laparoscopic Sleeve Gastrectomy in Japanese Subjects: A Subgroup Analysis of J-SMART. <i>Obesity Facts</i> , 2022, 15, 498-507.	1.6	2
111	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> , 2013, 7, 555-561.	1.9	1
112	Isoleucine, PPAR and Uncoupling Proteins. , 2015, , 41-47.		1
113	Ghrelin in small intestine, its contribution to regulation of food intake and body weight in cross-intestinal parabiotic rats. <i>Endocrine Journal</i> , 2011, 58, 625-632.	0.7	0
114	The Neuronal Histamine and its Receptors as New Therapeutic Targets for Food Intake and Obesity. , 2010, , 299-314.		0
115	Human skeletal muscles replaced to a high degree by white adipose tissue. <i>Okajimas Folia Anatomica Japonica</i> , 2011, 87, 165-170.	1.2	0
116	Pore alterations of the endothelial lining of rat fenestrated intestinal capillaries exposed to acute stress. <i>Histology and Histopathology</i> , 2016, 31, 807-17.	0.5	0