

Yoshihiro Ogawa

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

89
papers

13,010
citations

54
h-index

92
g-index

92
ext. papers

13,887
ext. citations

7.3
avg, IF

5.49
L-index

#	Paper	IF	Citations
89	Nonadipose tissue production of leptin: leptin as a novel placenta-derived hormone in humans. <i>Nature Medicine</i> , 1997 , 3, 1029-33	50.5	1011
88	Stomach is a major source of circulating ghrelin, and feeding state determines plasma ghrelin-like immunoreactivity levels in humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001 , 86, 4753-8	5.6	971
87	A paracrine loop between adipocytes and macrophages aggravates inflammatory changes: role of free fatty acids and tumor necrosis factor alpha. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005 , 25, 2062-8	9.4	821
86	Ghrelin strongly stimulates growth hormone release in humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000 , 85, 4908-11	5.6	659
85	T-786-->C mutation in the 5Pflanking region of the endothelial nitric oxide synthase gene is associated with coronary spasm. <i>Circulation</i> , 1999 , 99, 2864-70	16.7	647
84	Role of the Toll-like receptor 4/NF-kappaB pathway in saturated fatty acid-induced inflammatory changes in the interaction between adipocytes and macrophages. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007 , 27, 84-91	9.4	619
83	Vascular endothelial growth factor (VEGF) expression in human coronary atherosclerotic lesions: possible pathophysiological significance of VEGF in progression of atherosclerosis. <i>Circulation</i> , 1998 , 98, 2108-16	16.7	389
82	Changes in intra-abdominal visceral fat and serum leptin levels in patients with obstructive sleep apnea syndrome following nasal continuous positive airway pressure therapy. <i>Circulation</i> , 1999 , 100, 706-12	16.7	363
81	Pathophysiological role of leptin in obesity-related hypertension. <i>Journal of Clinical Investigation</i> , 2000 , 105, 1243-52	15.9	353
80	Role of premature leptin surge in obesity resulting from intrauterine undernutrition. <i>Cell Metabolism</i> , 2005 , 1, 371-8	24.6	342
79	A missense Glu298Asp variant in the endothelial nitric oxide synthase gene is associated with coronary spasm in the Japanese. <i>Human Genetics</i> , 1998 , 103, 65-9	6.3	333
78	Adipose tissue macrophages: their role in adipose tissue remodeling. <i>Journal of Leukocyte Biology</i> , 2010 , 88, 33-9	6.5	315
77	Rapid ventricular induction of brain natriuretic peptide gene expression in experimental acute myocardial infarction. <i>Circulation</i> , 1995 , 92, 1558-64	16.7	302
76	Association of the missense Glu298Asp variant of the endothelial nitric oxide synthase gene with myocardial infarction. <i>Journal of the American College of Cardiology</i> , 1998 , 31, 1506-10	15.1	298
75	Increased adiponectin secretion by highly purified eicosapentaenoic acid in rodent models of obesity and human obese subjects. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007 , 27, 1918-25	9.4	228
74	Molecular cloning of rat leptin receptor isoform complementary DNAs--identification of a missense mutation in Zucker fatty (fa/fa) rats. <i>Biochemical and Biophysical Research Communications</i> , 1996 , 225, 75-83	3.4	222
73	Augmented placental production of leptin in preeclampsia: possible involvement of placental hypoxia. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998 , 83, 3225-9	5.6	217

72	Efficacy and safety of leptin-replacement therapy and possible mechanisms of leptin actions in patients with generalized lipodystrophy. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007 , 92, 532-41	5.6	188
71	Transgenic overexpression of leptin rescues insulin resistance and diabetes in a mouse model of lipotrophic diabetes. <i>Diabetes</i> , 2001 , 50, 1440-8	0.9	188
70	Delayed short-term secretory regulation of ghrelin in obese animals: evidenced by a specific RIA for the active form of ghrelin. <i>Endocrinology</i> , 2002 , 143, 3341-50	4.8	186
69	Isolation and sequence determination of human brain natriuretic peptide in human atrium. <i>FEBS Letters</i> , 1990 , 259, 341-5	3.8	182
68	Nonsense mutation of leptin receptor in the obese spontaneously hypertensive Koletsky rat. <i>Nature Genetics</i> , 1996 , 14, 130-1	36.3	180
67	Attenuation of obesity-induced adipose tissue inflammation in C3H/HeJ mice carrying a Toll-like receptor 4 mutation. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 354, 45-9	3.4	179
66	The arcuate nucleus as a primary site of satiety effect of leptin in rats. <i>Neuroscience Letters</i> , 1997 , 224, 149-52	3.3	170
65	Satiety effect and sympathetic activation of leptin are mediated by hypothalamic melanocortin system. <i>Neuroscience Letters</i> , 1998 , 249, 107-10	3.3	168
64	Significance and therapeutic potential of the natriuretic peptides/cGMP/cGMP-dependent protein kinase pathway in vascular regeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 3404-9	11.5	139
63	Adipose tissue inflammation and ectopic lipid accumulation. <i>Endocrine Journal</i> , 2012 , 59, 849-57	2.9	133
62	Attenuation of diet-induced weight gain and adiposity through increased energy expenditure in mice lacking angiotensin II type 1a receptor. <i>Endocrinology</i> , 2005 , 146, 3481-9	4.8	127
61	T(-786)--> C mutation in the 5Pflanking region of the endothelial nitric oxide synthase gene is associated with myocardial infarction, especially without coronary organic stenosis. <i>American Journal of Cardiology</i> , 2000 , 86, 628-34	3	123
60	Increase in glucose-6-phosphate dehydrogenase in adipocytes stimulates oxidative stress and inflammatory signals. <i>Diabetes</i> , 2006 , 55, 2939-49	0.9	118
59	Pathophysiological significance of the obese gene product, leptin, in ventromedial hypothalamus (VMH)-lesioned rats: evidence for loss of its satiety effect in VMH-lesioned rats. <i>Endocrinology</i> , 1997 , 138, 947-54	4.8	116
58	Leptin stimulates ischemia-induced retinal neovascularization: possible role of vascular endothelial growth factor expressed in retinal endothelial cells. <i>Diabetes</i> , 2004 , 53, 2443-8	0.9	116
57	Role of CC chemokine receptor 2 in bone marrow cells in the recruitment of macrophages into obese adipose tissue. <i>Journal of Biological Chemistry</i> , 2008 , 283, 35715-23	5.4	114
56	Increased plasma levels of B-type natriuretic peptide in patients with unstable angina. <i>American Heart Journal</i> , 1996 , 132, 101-7	4.9	107
55	Rat brain natriuretic peptide--tissue distribution and molecular form. <i>Endocrinology</i> , 1990 , 126, 2225-7	4.8	107

54	Macrophage-inducible C-type lectin underlies obesity-induced adipose tissue fibrosis. <i>Nature Communications</i> , 2014 , 5, 4982	17.4	104
53	Melanocortin 4 receptor-deficient mice as a novel mouse model of nonalcoholic steatohepatitis. <i>American Journal of Pathology</i> , 2011 , 179, 2454-63	5.8	101
52	Augmented secretion of brain natriuretic peptide in acute myocardial infarction. <i>Biochemical and Biophysical Research Communications</i> , 1991 , 180, 431-6	3.4	101
51	Effects of obstructive sleep apnea syndrome on serum aminotransferase levels in obese patients. <i>American Journal of Medicine</i> , 2003 , 114, 370-6	2.4	95
50	A positive umbilical venous-arterial difference of leptin level and its rapid decline after birth. <i>American Journal of Obstetrics and Gynecology</i> , 1998 , 178, 926-30	6.4	86
49	In vivo and in vitro inhibition of monocyte adhesion to endothelial cells and endothelial adhesion molecules by eicosapentaenoic acid. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008 , 28, 2173-9	9.4	86
48	Unbalanced M1/M2 phenotype of peripheral blood monocytes in obese diabetic patients: effect of pioglitazone. <i>Diabetes Care</i> , 2010 , 33, e7	14.6	84
47	Activating transcription factor 3 constitutes a negative feedback mechanism that attenuates saturated Fatty acid/toll-like receptor 4 signaling and macrophage activation in obese adipose tissue. <i>Circulation Research</i> , 2009 , 105, 25-32	15.7	81
46	Synthetic "smart gel" provides glucose-responsive insulin delivery in diabetic mice. <i>Science Advances</i> , 2017 , 3, eaaq0723	14.3	80
45	Development of radioimmunoassay for human leptin. <i>Biochemical and Biophysical Research Communications</i> , 1996 , 221, 234-9	3.4	79
44	Possible role of placental leptin in pregnancy: a review. <i>Endocrine</i> , 2002 , 19, 65-71		78
43	Role of MAPK phosphatase-1 in the induction of monocyte chemoattractant protein-1 during the course of adipocyte hypertrophy. <i>Journal of Biological Chemistry</i> , 2007 , 282, 25445-52	5.4	75
42	Increased expression of DNA methyltransferase 3a in obese adipose tissue: studies with transgenic mice. <i>Obesity</i> , 2010 , 18, 314-21	8	74
41	Activating transcription factor 4 links metabolic stress to interleukin-6 expression in macrophages. <i>Diabetes</i> , 2014 , 63, 152-61	0.9	69
40	Role of transient receptor potential vanilloid 2 in LPS-induced cytokine production in macrophages. <i>Biochemical and Biophysical Research Communications</i> , 2010 , 398, 284-9	3.4	63
39	Increased expression of macrophage-inducible C-type lectin in adipose tissue of obese mice and humans. <i>Diabetes</i> , 2011 , 60, 819-26	0.9	63
38	Isolation and sequence determination of rat cardiac natriuretic peptide. <i>Biochemical and Biophysical Research Communications</i> , 1989 , 163, 233-40	3.4	58
37	Overexpression of brain natriuretic peptide in mice ameliorates immune-mediated renal injury. <i>Journal of the American Society of Nephrology: JASN</i> , 2001 , 12, 2652-2663	12.7	58

36	Analysis of rat insulin II promoter-ghrelin transgenic mice and rat glucagon promoter-ghrelin transgenic mice. <i>Journal of Biological Chemistry</i> , 2005 , 280, 15247-56	5.4	57
35	Skeletal muscle AMP-activated protein kinase phosphorylation parallels metabolic phenotype in leptin transgenic mice under dietary modification. <i>Diabetes</i> , 2005 , 54, 2365-74	0.9	51
34	Adipose tissue remodeling as homeostatic inflammation. <i>International Journal of Inflammation</i> , 2011 , 2011, 720926	6.4	50
33	Highly purified eicosapentaenoic acid increases interleukin-10 levels of peripheral blood monocytes in obese patients with dyslipidemia. <i>Diabetes Care</i> , 2012 , 35, 2631-9	14.6	50
32	Role of central leptin signaling in the starvation-induced alteration of B-cell development. <i>Journal of Neuroscience</i> , 2011 , 31, 8373-80	6.6	49
31	Prevention and reversal of renal injury by leptin in a new mouse model of diabetic nephropathy. <i>FASEB Journal</i> , 2005 , 19, 127-9	0.9	48
30	The inflammatory changes of adipose tissue in late pregnant mice. <i>Journal of Molecular Endocrinology</i> , 2011 , 47, 157-65	4.5	42
29	Augmentation of leptin synthesis and secretion through activation of protein kinases A and C in cultured human trophoblastic cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998 , 83, 3609-14	5.6	42
28	Peg1/Mest in obese adipose tissue is expressed from the paternal allele in an isoform-specific manner. <i>FEBS Letters</i> , 2007 , 581, 91-6	3.8	41
27	Ghrelin expression in islet cell tumors: augmented expression of ghrelin in a case of glucagonoma with multiple endocrine neoplasm type I. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002 , 87, 4885-8	5.6	39
26	The radioprotective 105/MD-1 complex contributes to diet-induced obesity and adipose tissue inflammation. <i>Diabetes</i> , 2012 , 61, 1199-209	0.9	36
25	Significant increase in maternal plasma leptin concentration in induced delivery: a possible contribution of pro-inflammatory cytokines to placental leptin secretion. <i>Endocrine Journal</i> , 2004 , 51, 177-87	2.9	34
24	Identification of the human leptin 5Pflanking sequences involved in the trophoblast-specific transcription. <i>Biochemical and Biophysical Research Communications</i> , 1997 , 241, 658-63	3.4	31
23	Effect of peroxisome proliferator-activated receptor-alpha ligands in the interaction between adipocytes and macrophages in obese adipose tissue. <i>Obesity</i> , 2008 , 16, 1199-207	8	28
22	A reduced M1-like/M2-like ratio of macrophages in healthy adipose tissue expansion during SGLT2 inhibition. <i>Scientific Reports</i> , 2018 , 8, 16113	4.9	27
21	Human TLR4 polymorphism D299G/T399I alters TLR4/MD-2 conformation and response to a weak ligand monophosphoryl lipid A. <i>International Immunology</i> , 2013 , 25, 45-52	4.9	26
20	Development of a sensitive ELISA for human leptin, using monoclonal antibodies. <i>Clinical Chemistry</i> , 1998 , 44, 2165-2171	5.5	24
19	Leptin production by hydatidiform mole. <i>Lancet, The</i> , 1997 , 350, 1518-9	4.0	23

18	Role of central leptin signaling in renal macrophage infiltration. <i>Endocrine Journal</i> , 2010 , 57, 61-72	2.9	20
17	Molecular mechanism of obesity-induced metabolic tissue remodeling. <i>Journal of Diabetes Investigation</i> , 2018 , 9, 256-261	3.9	19
16	Dipeptidyl peptidase-4 inhibition prevents nonalcoholic steatohepatitis-associated liver fibrosis and tumor development in mice independently of its anti-diabetic effects. <i>Scientific Reports</i> , 2020 , 10, 983	4.9	18
15	Decreased triglyceride-rich lipoproteins in transgenic skinny mice overexpressing leptin. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2001 , 280, E334-9	6	17
14	Free-to-total leptin ratio in maternal plasma is constant throughout human pregnancy. <i>Endocrine Journal</i> , 2003 , 50, 421-8	2.9	14
13	Pathophysiological role of leptin in lifestyle-related diseases. Studies with transgenic skinny mice overexpressing leptin. <i>Journal of Diabetes and Its Complications</i> , 2002 , 16, 119-22	3.2	13
12	The unified hypothesis of interactions among the bone, adipose and vascular systems: Osteo-lipo-vascular interactions. <i>Medical Hypotheses</i> , 2006 , 66, 960-3	3.8	11
11	A novel role for adipose ephrin-B1 in inflammatory response. <i>PLoS ONE</i> , 2013 , 8, e76199	3.7	10
10	Macrophage-colony stimulating factor in obese adipose tissue: studies with heterozygous op/+ mice. <i>Obesity</i> , 2007 , 15, 1988-95	8	7
9	Insulin-induced ectodomain shedding of heparin-binding epidermal growth factor-like growth factor in adipocytes in vitro. <i>Obesity</i> , 2010 , 18, 1888-94	8	3
8	Monoclonal antibody against brain natriuretic peptide and characterization of brain natriuretic peptide-transgenic mice. <i>Journal of Hypertension</i> , 2001 , 19, 475-83	1.9	3
7	Macrophages rely on extracellular serine to suppress aberrant cytokine production. <i>Scientific Reports</i> , 2021 , 11, 11137	4.9	3
6	Pathogenesis of Non-alcoholic Steatohepatitis and Its Potential Therapeutic Strategies 2015 , 149-156		2
5	Leptin as a novel placenta-derived hormone in humans. <i>Placenta</i> , 1999 , 20, 25-34	3.4	1
4	Roles of natriuretic peptides in heart failure. <i>Journal of Cardiac Failure</i> , 1996 , 2, S129-33	3.3	1
3	Molecular Mechanisms Underlying Obesity-Induced Chronic Inflammation 2016 , 291-298		1
2	2) Lifestyle-related Diseases: See Both the Forest and Trees!. <i>The Journal of the Japanese Society of Internal Medicine</i> , 2019 , 108, 422-429	0	
1	The role of adipose-tissue chronic inflammation in the progression of thrombophilia. <i>Japanese Journal of Thrombosis and Hemostasis</i> , 2015 , 26, 290-296	0	

