Yoshihiro Ogawa

List of Publications by Year in Descending Order

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	Macrophages rely on extracellular serine to suppress aberrant cytokine production. *Scientific Reports*, **2021**, 11, 11137	4.9	3
88	Dipeptidyl peptidase-4 inhibition prevents nonalcoholic steatohepatitis-associated liver fibrosis and tumor development in mice independently of its anti-diabetic effects. *Scientific Reports*, **2020**, 10, 983	4.9	18
87	2) Lifestyle-related Diseases: See Both the Forest and Trees!. *The Journal of the Japanese Society of Internal Medicine*, **2019**, 108, 422-429	0	
86	Molecular mechanism of obesity-induced metabolic tissue remodeling. *Journal of Diabetes Investigation*, **2018**, 9, 256-261	3.9	19
85	A reduced M1-like/M2-like ratio of macrophages in healthy adipose tissue expansion during SGLT2 inhibition. *Scientific Reports*, **2018**, 8, 16113	4.9	27
84	Synthetic "smart gel" provides glucose-responsive insulin delivery in diabetic mice. *Science Advances*, **2017**, 3, eaaq0723	14.3	80
83	Molecular Mechanisms Underlying Obesity-Induced Chronic Inflammation **2016**, 291-298		1
82	Pathogenesis of Non-alcoholic Steatohepatitis and Its Potential Therapeutic Strategies **2015**, 149-156		2
81	The role of adipose-tissue chronic inflammation in the progression of thrombophilia. *Japanese Journal of Thrombosis and Hemostasis*, **2015**, 26, 290-296	0	
80	Macrophage-inducible C-type lectin underlies obesity-induced adipose tissue fibrosis. *Nature Communications*, **2014**, 5, 4982	17.4	104
79	Activating transcription factor 4 links metabolic stress to interleukin-6 expression in macrophages. *Diabetes*, **2014**, 63, 152-61	0.9	69
78	Human TLR4 polymorphism D299G/T399I alters TLR4/MD-2 conformation and response to a weak ligand monophosphoryl lipid A. *International Immunology*, **2013**, 25, 45-52	4.9	26
77	A novel role for adipose ephrin-B1 in inflammatory response. *PLoS ONE*, **2013**, 8, e76199	3.7	10
76	Adipose tissue inflammation and ectopic lipid accumulation. *Endocrine Journal*, **2012**, 59, 849-57	2.9	133
75	Highly purified eicosapentaenoic acid increases interleukin-10 levels of peripheral blood monocytes in obese patients with dyslipidemia. *Diabetes Care*, **2012**, 35, 2631-9	14.6	50
74	The radioprotective 105/MD-1 complex contributes to diet-induced obesity and adipose tissue inflammation. *Diabetes*, **2012**, 61, 1199-209	0.9	36
73	Melanocortin 4 receptor-deficient mice as a novel mouse model of nonalcoholic steatohepatitis. *American Journal of Pathology*, **2011**, 179, 2454-63	5.8	101

72	Adipose tissue remodeling as homeostatic inflammation. *International Journal of Inflammation*, **2011**, 2011, 720926	6.4	50
71	The inflammatory changes of adipose tissue in late pregnant mice. *Journal of Molecular Endocrinology*, **2011**, 47, 157-65	4.5	42
70	Increased expression of macrophage-inducible C-type lectin in adipose tissue of obese mice and humans. *Diabetes*, **2011**, 60, 819-26	0.9	63
69	Role of central leptin signaling in the starvation-induced alteration of B-cell development. *Journal of Neuroscience*, **2011**, 31, 8373-80	6.6	49
68	Increased expression of DNA methyltransferase 3a in obese adipose tissue: studies with transgenic mice. *Obesity*, **2010**, 18, 314-21	8	74
67	Insulin-induced ectodomain shedding of heparin-binding epidermal growth factor-like growth factor in adipocytes in vitro. *Obesity*, **2010**, 18, 1888-94	8	3
66	Adipose tissue macrophages: their role in adipose tissue remodeling. *Journal of Leukocyte Biology*, **2010**, 88, 33-9	6.5	315
65	Unbalanced M1/M2 phenotype of peripheral blood monocytes in obese diabetic patients: effect of pioglitazone. *Diabetes Care*, **2010**, 33, e7	14.6	84
64	Role of transient receptor potential vanilloid 2 in LPS-induced cytokine production in macrophages. *Biochemical and Biophysical Research Communications*, **2010**, 398, 284-9	3.4	63
63	Role of central leptin signaling in renal macrophage infiltration. *Endocrine Journal*, **2010**, 57, 61-72	2.9	20
62	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. *Circulation Research*, **2009**, 105, 25-32	15.7	81
61	Effect of peroxisome proliferator-activated receptor-alpha ligands in the interaction between adipocytes and macrophages in obese adipose tissue. *Obesity*, **2008**, 16, 1199-207	8	28
60	In vivo and in vitro inhibition of monocyte adhesion to endothelial cells and endothelial adhesion molecules by eicosapentaenoic acid. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2008**, 28, 2173-9	9.4	86
59	Role of CC chemokine receptor 2 in bone marrow cells in the recruitment of macrophages into obese adipose tissue. *Journal of Biological Chemistry*, **2008**, 283, 35715-23	5.4	114
58	Role of the Toll-like receptor 4/NF-kappaB pathway in saturated fatty acid-induced inflammatory changes in the interaction between adipocytes and macrophages. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2007**, 27, 84-91	9.4	619
57	Macrophage-colony stimulating factor in obese adipose tissue: studies with heterozygous op/+ mice. *Obesity*, **2007**, 15, 1988-95	8	7
56	Efficacy and safety of leptin-replacement therapy and possible mechanisms of leptin actions in patients with generalized lipodystrophy. *Journal of Clinical Endocrinology and Metabolism*, **2007**, 92, 532-41	5.6	188
55	Increased adiponectin secretion by highly purified eicosapentaenoic acid in rodent models of obesity and human obese subjects. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2007**, 27, 1918-25	9.4	228

54	Role of MAPK phosphatase-1 in the induction of monocyte chemoattractant protein-1 during the course of adipocyte hypertrophy. *Journal of Biological Chemistry*, **2007**, 282, 25445-52	5.4	75
53	Attenuation of obesity-induced adipose tissue inflammation in C3H/HeJ mice carrying a Toll-like receptor 4 mutation. *Biochemical and Biophysical Research Communications*, **2007**, 354, 45-9	3.4	179
52	Peg1/Mest in obese adipose tissue is expressed from the paternal allele in an isoform-specific manner. *FEBS Letters*, **2007**, 581, 91-6	3.8	41
51	Increase in glucose-6-phosphate dehydrogenase in adipocytes stimulates oxidative stress and inflammatory signals. *Diabetes*, **2006**, 55, 2939-49	0.9	118
50	The unified hypothesis of interactions among the bone, adipose and vascular systems: Osteo-lipo-vascular interactions? *Medical Hypotheses*, **2006**, 66, 960-3	3.8	11
49	A paracrine loop between adipocytes and macrophages aggravates inflammatory changes: role of free fatty acids and tumor necrosis factor alpha. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2005**, 25, 2062-8	9.4	821
48	Role of premature leptin surge in obesity resulting from intrauterine undernutrition. *Cell Metabolism*, **2005**, 1, 371-8	24.6	342
47	Attenuation of diet-induced weight gain and adiposity through increased energy expenditure in mice lacking angiotensin II type 1a receptor. *Endocrinology*, **2005**, 146, 3481-9	4.8	127
46	Skeletal muscle AMP-activated protein kinase phosphorylation parallels metabolic phenotype in leptin transgenic mice under dietary modification. *Diabetes*, **2005**, 54, 2365-74	0.9	51
45	Analysis of rat insulin II promoter-ghrelin transgenic mice and rat glucagon promoter-ghrelin transgenic mice. *Journal of Biological Chemistry*, **2005**, 280, 15247-56	5.4	57
44	Prevention and reversal of renal injury by leptin in a new mouse model of diabetic nephropathy. *FASEB Journal*, **2005**, 19, 127-9	0.9	48
43	Leptin stimulates ischemia-induced retinal neovascularization: possible role of vascular endothelial growth factor expressed in retinal endothelial cells. *Diabetes*, **2004**, 53, 2443-8	0.9	116
42	Significant increase in maternal plasma leptin concentration in induced delivery: a possible contribution of pro-inflammatory cytokines to placental leptin secretion. *Endocrine Journal*, **2004**, 51, 177-87	2.9	34
41	Significance and therapeutic potential of the natriuretic peptides/cGMP/cGMP-dependent protein kinase pathway in vascular regeneration. *Proceedings of the National Academy of Sciences of the United States of America*, **2003**, 100, 3404-9	11.5	139
40	Free-to-total leptin ratio in maternal plasma is constant throughout human pregnancy. *Endocrine Journal*, **2003**, 50, 421-8	2.9	14
39	Effects of obstructive sleep apnea syndrome on serum aminotransferase levels in obese patients. *American Journal of Medicine*, **2003**, 114, 370-6	2.4	95
38	Pathophysiogical role of leptin in lifestyle-related diseases. Studies with transgenic skinny mice overexpressing leptin. *Journal of Diabetes and Its Complications*, **2002**, 16, 119-22	3.2	13
37	Possible role of placental leptin in pregnancy: a review. *Endocrine*, **2002**, 19, 65-71		78

36	Delayed short-term secretory regulation of ghrelin in obese animals: evidenced by a specific RIA for the active form of ghrelin. *Endocrinology*, **2002**, 143, 3341-50	4.8	186
35	Ghrelin expression in islet cell tumors: augmented expression of ghrelin in a case of glucagonoma with multiple endocrine neoplasm type I. *Journal of Clinical Endocrinology and Metabolism*, **2002**, 87, 4885-8	5.6	39
34	Transgenic overexpression of leptin rescues insulin resistance and diabetes in a mouse model of lipoatrophic diabetes. *Diabetes*, **2001**, 50, 1440-8	0.9	188
33	Stomach is a major source of circulating ghrelin, and feeding state determines plasma ghrelin-like immunoreactivity levels in humans. *Journal of Clinical Endocrinology and Metabolism*, **2001**, 86, 4753-8	5.6	971
32	Decreased triglyceride-rich lipoproteins in transgenic skinny mice overexpressing leptin. *American Journal of Physiology - Endocrinology and Metabolism*, **2001**, 280, E334-9	6	17
31	Monoclonal antibody against brain natriuretic peptide and characterization of brain natriuretic peptide-transgenic mice. *Journal of Hypertension*, **2001**, 19, 475-83	1.9	3
30	Overexpression of brain natriuretic peptide in mice ameliorates immune-mediated renal injury. *Journal of the American Society of Nephrology: JASN*, **2001**, 12, 2652-2663	12.7	58
29	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. *American Journal of Cardiology*, **2000**, 86, 628-34	3	123
28	Ghrelin strongly stimulates growth hormone release in humans. *Journal of Clinical Endocrinology and Metabolism*, **2000**, 85, 4908-11	5.6	659
27	Pathophysiological role of leptin in obesity-related hypertension. *Journal of Clinical Investigation*, **2000**, 105, 1243-52	15.9	353
26	Changes in intra-abdominal visceral fat and serum leptin levels in patients with obstructive sleep apnea syndrome following nasal continuous positive airway pressure therapy. *Circulation*, **1999**, 100, 706-12	16.7	363
25	Leptin as a novel placenta-derived hormone in humans. *Placenta*, **1999**, 20, 25-34	3.4	1
24	T-786-->C mutation in the 5Pflanking region of the endothelial nitric oxide synthase gene is associated with coronary spasm. *Circulation*, **1999**, 99, 2864-70	16.7	647
23	A positive umbilical venous-arterial difference of leptin level and its rapid decline after birth. *American Journal of Obstetrics and Gynecology*, **1998**, 178, 926-30	6.4	86
22	A missense Glu298Asp variant in the endothelial nitric oxide synthase gene is associated with coronary spasm in the Japanese. *Human Genetics*, **1998**, 103, 65-9	6.3	333
21	Satiety effect and sympathetic activation of leptin are mediated by hypothalamic melanocortin system. *Neuroscience Letters*, **1998**, 249, 107-10	3.3	168
20	Association of the missense Glu298Asp variant of the endothelial nitric oxide synthase gene with myocardial infarction. *Journal of the American College of Cardiology*, **1998**, 31, 1506-10	15.1	298
19	Vascular endothelial growth factor (VEGF) expression in human coronary atherosclerotic lesions: possible pathophysiological significance of VEGF in progression of atherosclerosis. *Circulation*, **1998**, 98, 2108-16	16.7	389

18	Augmented placental production of leptin in preeclampsia: possible involvement of placental hypoxia. *Journal of Clinical Endocrinology and Metabolism*, **1998**, 83, 3225-9	5.6	217
17	Augmentation of leptin synthesis and secretion through activation of protein kinases A and C in cultured human trophoblastic cells. *Journal of Clinical Endocrinology and Metabolism*, **1998**, 83, 3609-14	5.6	42
16	Development of a sensitive ELISA for human leptin, using monoclonal antibodies. *Clinical Chemistry*, **1998**, 44, 2165-2171	5.5	24
15	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. *Endocrinology*, **1997**, 138, 947-54	4.8	116
14	Identification of the human leptin 5Pflanking sequences involved in the trophoblast-specific transcription. *Biochemical and Biophysical Research Communications*, **1997**, 241, 658-63	3.4	31
13	Leptin production by hydatidiform mole. *Lancet, The*, **1997**, 350, 1518-9	40	23
12	The arcuate nucleus as a primary site of satiety effect of leptin in rats. *Neuroscience Letters*, **1997**, 224, 149-52	3.3	170
11	Nonadipose tissue production of leptin: leptin as a novel placenta-derived hormone in humans. *Nature Medicine*, **1997**, 3, 1029-33	50.5	1011
10	Roles of natriuretic peptides in heart failure. *Journal of Cardiac Failure*, **1996**, 2, S129-33	3.3	1
9	Increased plasma levels of B-type natriuretic peptide in patients with unstable angina. *American Heart Journal*, **1996**, 132, 101-7	4.9	107
8	Development of radioimmunoassay for human leptin. *Biochemical and Biophysical Research Communications*, **1996**, 221, 234-9	3.4	79
7	Molecular cloning of rat leptin receptor isoform complementary DNAs--identification of a missense mutation in Zucker fatty (fa/fa) rats. *Biochemical and Biophysical Research Communications*, **1996**, 225, 75-83	3.4	222
6	Nonsense mutation of leptin receptor in the obese spontaneously hypertensive Koletsky rat. *Nature Genetics*, **1996**, 14, 130-1	36.3	180
5	Rapid ventricular induction of brain natriuretic peptide gene expression in experimental acute myocardial infarction. *Circulation*, **1995**, 92, 1558-64	16.7	302
4	Augmented secretion of brain natriuretic peptide in acute myocardial infarction. *Biochemical and Biophysical Research Communications*, **1991**, 180, 431-6	3.4	101
3	Rat brain natriuretic peptide--tissue distribution and molecular form. *Endocrinology*, **1990**, 126, 2225-7	4.8	107
2	Isolation and sequence determination of human brain natriuretic peptide in human atrium. *FEBS Letters*, **1990**, 259, 341-5	3.8	182
1	Isolation and sequence determination of rat cardiac natriuretic peptide. *Biochemical and Biophysical Research Communications*, **1989**, 163, 233-40	3.4	58