Hitoshi Nishizawa

List of Publications by Year
in descending order

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58	6,139	218592	143943
papers	citations	26 h-index	57 g-index

63	63	63	7463
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Diet-induced insulin resistance in mice lacking adiponectin/ACRP30. Nature Medicine, 2002, 8, 731-737.	15.2	1,908
2	Adipocyte-Derived Plasma Protein, Adiponectin, Suppresses Lipid Accumulation and Class A Scavenger Receptor Expression in Human Monocyte-Derived Macrophages. Circulation, 2001, 103, 1057-1063.	1.6	1,184
3	Androgens Decrease Plasma Adiponectin, an Insulin-Sensitizing Adipocyte-Derived Protein. Diabetes, 2002, 51, 2734-2741.	0.3	709
4	Uric Acid Secretion from Adipose Tissue and Its Increase in Obesity. Journal of Biological Chemistry, 2013, 288, 27138-27149.	1.6	279
5	Coordinated Regulation of Fat-Specific and Liver-Specific Glycerol Channels, Aquaporin Adipose and Aquaporin 9. Diabetes, 2002, 51, 2915-2921.	0.3	225
6	Aquaporin Adipose, a Putative Glycerol Channel in Adipocytes. Journal of Biological Chemistry, 2000, 275, 20896-20902.	1.6	196
7	Musclin, a Novel Skeletal Muscle-derived Secretory Factor. Journal of Biological Chemistry, 2004, 279, 19391-19395.	1.6	145
8	Reduction of Visceral Fat Is Associated With Decrease in the Number of Metabolic Risk Factors in Japanese Men. Diabetes Care, 2007, 30, 2392-2394.	4.3	105
9	Small Heterodimer Partner, an Orphan Nuclear Receptor, Augments Peroxisome Proliferator-activated Receptor Î³ Transactivation. Journal of Biological Chemistry, 2002, 277, 1586-1592.	1.6	103
10	Adiponectin association with Tâ€cadherin protects against neointima proliferation and atherosclerosis. FASEB Journal, 2017, 31, 1571-1583.	0.2	95
11	Relationship between the Serum Uric Acid Level, Visceral Fat Accumulation and Serum Adiponectin Concentration in Japanese Men. Internal Medicine, 2008, 47, 1175-1180.	0.3	89
12	Adiponectin Stimulates Exosome Release to Enhance Mesenchymal Stem-Cell-Driven Therapy of Heart Failure in Mice. Molecular Therapy, 2020, 28, 2203-2219.	3.7	86
13	Positive Feedback Regulation Between Adiponectin and T-Cadherin Impacts Adiponectin Levels in Tissue and Plasma of Male Mice. Endocrinology, 2015, 156, 934-946.	1.4	78
14	Nocturnal reduction in circulating adiponectin concentrations related to hypoxic stress in severe obstructive sleep apnea-hypopnea syndrome. American Journal of Physiology - Endocrinology and Metabolism, 2008, 294, E778-E784.	1.8	64
15	Adiponectin promotes muscle regeneration through binding to T-cadherin. Scientific Reports, 2019, 9, 16.	1.6	60
16	Association of Epicardial, Visceral, and Subcutaneous Fat With Cardiometabolic Diseases. Circulation Journal, 2018, 82, 502-508.	0.7	56
17	Low muscle quality in Japanese type 2 diabetic patients with visceral fat accumulation. Cardiovascular Diabetology, 2018, 17, 112.	2.7	53
18	Efficacy of liraglutide, a glucagon-like peptide-1 (GLP-1) analogue, on body weight, eating behavior, and glycemic control, in Japanese obese type 2 diabetes. Cardiovascular Diabetology, 2012, 11, 107.	2.7	51

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19	The unique prodomain of T-cadherin plays a key role in adiponectin binding with the essential extracellular cadherin repeats 1 and 2. Journal of Biological Chemistry, 2017, 292, 7840-7849.	1.6	51
20	Hypoxanthine Secretion from Human Adipose Tissue and its Increase in Hypoxia. Obesity, 2018, 26, 1168-1178.	1.5	47
21	The Expression of SPARC in Adipose Tissue and Its Increased Plasma Concentration in Patients with Coronary Artery Disease. Obesity, 2001, 9, 388-393.	4.0	45
22	Visualized macrophage dynamics and significance of S100A8 in obese fat. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E2058-66.	3.3	43
23	Relationship between visceral fat accumulation and urinary albumin-creatinine ratio in middle-aged Japanese men. Atherosclerosis, 2010, 211, 601-605.	0.4	42
24	Increased Dynamics of Tricarboxylic Acid Cycle and Glutamate Synthesis in Obese Adipose Tissue. Journal of Biological Chemistry, 2017, 292, 4469-4483.	1.6	39
25	Impact of hyperuricemia on chronic kidney disease and atherosclerotic cardiovascular disease. Hypertension Research, 2022, 45, 635-640.	1.5	32
26	Health Education "Hokenshido" Program Reduced Metabolic Syndrome in the Amagasaki Visceral Fat Study. Three-Year Follow-up Study of 3,174 Japanese Employees. Internal Medicine, 2011, 50, 1643-1648.	0.3	29
27	Long-term impact of liraglutide, a glucagon-like peptide-1 (GLP-1) analogue, on body weight and glycemic control in Japanese type 2 diabetes: an observational study. Diabetology and Metabolic Syndrome, 2014, 6, 95.	1.2	27
28	Population Approaches Targeting Metabolic Syndrome Focusing on Japanese Trials. Nutrients, 2019, 11, 1430.	1.7	20
29	Human adipose-derived mesenchymal stem cells prevent type 1 diabetes induced by immune checkpoint blockade. Diabetologia, 2022, 65, 1185-1197.	2.9	19
30	Systemic arteriosclerosis and eating behavior in Japanese type 2 diabetic patients with visceral fat accumulation. Cardiovascular Diabetology, 2015, 14, 8.	2.7	17
31	Significant Association of Serum Adiponectin and Creatine Kinase-MB Levels in ST-Segment Elevation Myocardial Infarction. Journal of Atherosclerosis and Thrombosis, 2017, 24, 793-803.	0.9	17
32	A disintegrin and metalloproteinase 12 prevents heart failure by regulating cardiac hypertrophy and fibrosis. American Journal of Physiology - Heart and Circulatory Physiology, 2020, 318, H238-H251.	1.5	17
33	Increased vascular permeability and severe renal tubular damage after ischemia-reperfusion injury in mice lacking adiponectin or T-cadherin. American Journal of Physiology - Endocrinology and Metabolism, 2021, 320, E179-E190.	1.8	17
34	Vascular complications and changes in body mass index in Japanese type 2 diabetic patients with abdominal obesity. Cardiovascular Diabetology, 2013, 12, 88.	2.7	15
35	Effect of adiponectin on cardiac Î²-catenin signaling pathway under angiotensin II infusion. Biochemical and Biophysical Research Communications, 2014, 444, 224-229.	1.0	15
36	Saliva and Plasma Reflect Metabolism Altered by Diabetes and Periodontitis. Frontiers in Molecular Biosciences, 2021, 8, 742002.	1.6	15

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37	Metabolic surgery in treatment of obese Japanese patients with type 2 diabetes: a joint consensus statement from the Japanese Society for Treatment of Obesity, the Japan Diabetes Society, and the Japan Society for the Study of Obesity. Diabetology International, 2022, 13, 1-30.	0.7	15
38	Impact of glycosylphosphatidylinositol-specific phospholipase D on hepatic diacylglycerol accumulation, steatosis, and insulin resistance in diet-induced obesity. American Journal of Physiology - Endocrinology and Metabolism, 2019, 316, E239-E250.	1.8	14
39	Adiponectin accumulation in the retinal vascular endothelium and its possible role in preventing early diabetic microvascular damage. Scientific Reports, 2022, 12, 4159.	1.6	14
40	Impact of visceral fat on gene expression profile in peripheral blood cells in obese Japanese subjects. Cardiovascular Diabetology, 2016, 15, 159.	2.7	12
41	Possible Involvement of Opa-Interacting Protein 5 in Adipose Proliferation and Obesity. PLoS ONE, 2014, 9, e87661.	1.1	11
42	Increased plasma XOR activity induced by NAFLD/NASH and its possible involvement in vascular neointimal proliferation. JCI Insight, 2021, 6, .	2.3	11
43	Japan Trial in High-Risk Individuals to Enhance Their Referral to Physicians (J-HARP)â€”A Nurse-Led, Community-Based Prevention Program of Lifestyle-Related Disease. Journal of Epidemiology, 2020, 30, 194-199.	1.1	11
44	Association between poor psychosocial conditions and diabetic nephropathy in Japanese type 2 diabetes patients: A crossâ€sectional study. Journal of Diabetes Investigation, 2018, 9, 162-172.	1.1	9
45	Positive correlation between fasting plasma glucagon and serum C-peptide in Japanese patients with diabetes. Heliyon, 2019, 5, e01715.	1.4	9
46	Plasma xanthine oxidoreductase activity in Japanese patients with typeÂ2 diabetes across hospitalized treatment. Journal of Diabetes Investigation, 2020, 12, 1512-1520.	1.1	7
47	Evaluation of change in metabolome caused by comprehensive diabetes treatment: A prospective observational study of diabetes inpatients with gas chromatography/mass spectrometryâ€based nonâ€target metabolomic analysis. Journal of Diabetes Investigation, 2021, 12, 2232-2241.	1.1	6
48	Adipose Hypothermia in Obesity and Its Association with Period Homolog 1, Insulin Sensitivity, and Inflammation in Fat. PLoS ONE, 2014, 9, e112813.	1.1	6
49	Identification and Clinical Associations of 3 Forms of Circulating T-cadherin in Human Serum. Journal of Clinical Endocrinology and Metabolism, 2021, 106, 1333-1344.	1.8	5
50	Characteristics of sleepâ€“wake cycle and sleep duration in Japanese type 2 diabetes patients with visceral fat accumulation. Journal of Diabetes Investigation, 2018, 9, 63-68.	1.1	4
51	Fat cell lipolysis and future weight gain. Journal of Diabetes Investigation, 2019, 10, 221-223.	1.1	3
52	Relationship between Health Counselor Characteristics and Counseling Impact on Individuals at High-Risk for Lifestyle-Related Disease: Sub-Analysis of the J-HARP Cluster-Randomized Controlled Trial. International Journal of Environmental Research and Public Health, 2022, 19, 6375.	1.2	2
53	Multiple Gouty Tophi with Bone Erosion and Destruction: A Report of an Early-onset Case in an Obese Patient. Internal Medicine, 2017, 56, 1071-1077.	0.3	1
54	Marked Hypergastrinemia with G-cell Hyperplasia in Two Autoimmune Gastritis Patients. Internal Medicine, 2020, 59, 799-803.	0.3	1

#	Article	IF	Citations
55	A Japanese patient with a 2p25.3 terminal deletion presented with earlyâ€onset obesity, intellectual disability and diabetes mellitus: A case report. Journal of Diabetes Investigation, 2022, 13, 391-396.	1.1	1
56	Time-Series Change of Serum Soluble T-Cadherin Concentrations and Its Association with Creatine Kinase-MB Levels in ST-Segment Elevation Myocardial Infarction. Journal of Atherosclerosis and Thrombosis, 2022, 29, 1823-1834.	0.9	1
57	Genetic assessment using whole-exome sequencing for a young hypertriglyceridemic patient with repeated acute pancreatitis. Endocrine Journal, 2022, 69, 1101-1108.	0.7	1
58	Relationship between the Serum Uric Acid Level, Visceral Fat Accumulation and Serum Adiponectin Concentration in Japanese Men. Internal Medicine, 2009, 48, 1493-1493.	0.3	0