

# Hitoshi Nishizawa

## List of Publications by Year in descending order

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Version: 2024-02-01

58  
papers

6,139  
citations

218677  
26  
h-index

144013  
57  
g-index

63  
all docs

63  
docs citations

63  
times ranked

7463  
citing authors

#	ARTICLE	IF	CITATIONS
1	Diet-induced insulin resistance in mice lacking adiponectin/ACRP30. <i>Nature Medicine</i> , 2002, 8, 731-737.	30.7	1,908
2	Adipocyte-Derived Plasma Protein, Adiponectin, Suppresses Lipid Accumulation and Class A Scavenger Receptor Expression in Human Monocyte-Derived Macrophages. <i>Circulation</i> , 2001, 103, 1057-1063.	1.6	1,184
3	Androgens Decrease Plasma Adiponectin, an Insulin-Sensitizing Adipocyte-Derived Protein. <i>Diabetes</i> , 2002, 51, 2734-2741.	0.6	709
4	Uric Acid Secretion from Adipose Tissue and Its Increase in Obesity. <i>Journal of Biological Chemistry</i> , 2013, 288, 27138-27149.	3.4	279
5	Coordinated Regulation of Fat-Specific and Liver-Specific Glycerol Channels, Aquaporin Adipose and Aquaporin 9. <i>Diabetes</i> , 2002, 51, 2915-2921.	0.6	225
6	Aquaporin Adipose, a Putative Glycerol Channel in Adipocytes. <i>Journal of Biological Chemistry</i> , 2000, 275, 20896-20902.	3.4	196
7	Musclin, a Novel Skeletal Muscle-derived Secretory Factor. <i>Journal of Biological Chemistry</i> , 2004, 279, 19391-19395.	3.4	145
8	Reduction of Visceral Fat Is Associated With Decrease in the Number of Metabolic Risk Factors in Japanese Men. <i>Diabetes Care</i> , 2007, 30, 2392-2394.	8.6	105
9	Small Heterodimer Partner, an Orphan Nuclear Receptor, Augments Peroxisome Proliferator-activated Receptor $\beta$ Transactivation. <i>Journal of Biological Chemistry</i> , 2002, 277, 1586-1592.	3.4	103
10	Adiponectin association with $\beta$ -cadherin protects against neointima proliferation and atherosclerosis. <i>FASEB Journal</i> , 2017, 31, 1571-1583.	0.5	95
11	Relationship between the Serum Uric Acid Level, Visceral Fat Accumulation and Serum Adiponectin Concentration in Japanese Men. <i>Internal Medicine</i> , 2008, 47, 1175-1180.	0.7	89
12	Adiponectin Stimulates Exosome Release to Enhance Mesenchymal Stem-Cell-Driven Therapy of Heart Failure in Mice. <i>Molecular Therapy</i> , 2020, 28, 2203-2219.	8.2	86
13	Positive Feedback Regulation Between Adiponectin and T-Cadherin Impacts Adiponectin Levels in Tissue and Plasma of Male Mice. <i>Endocrinology</i> , 2015, 156, 934-946.	2.8	78
14	Nocturnal reduction in circulating adiponectin concentrations related to hypoxic stress in severe obstructive sleep apnea-hypopnea syndrome. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2008, 294, E778-E784.	3.5	64
15	Adiponectin promotes muscle regeneration through binding to T-cadherin. <i>Scientific Reports</i> , 2019, 9, 16.	3.3	60
16	Association of Epicardial, Visceral, and Subcutaneous Fat With Cardiometabolic Diseases. <i>Circulation Journal</i> , 2018, 82, 502-508.	1.6	56
17	Low muscle quality in Japanese type 2 diabetic patients with visceral fat accumulation. <i>Cardiovascular Diabetology</i> , 2018, 17, 112.	6.8	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. <i>Cardiovascular Diabetology</i> , 2012, 11, 107.	6.8	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. <i>Journal of Biological Chemistry</i> , 2017, 292, 7840-7849.	3.4	51
20	Hypoxanthine Secretion from Human Adipose Tissue and its Increase in Hypoxia. <i>Obesity</i> , 2018, 26, 1168-1178.	3.0	47
21	The Expression of SPARC in Adipose Tissue and Its Increased Plasma Concentration in Patients with Coronary Artery Disease. <i>Obesity</i> , 2001, 9, 388-393.	4.0	45
22	Visualized macrophage dynamics and significance of S100A8 in obese fat. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E2058-66.	7.1	43
23	Relationship between visceral fat accumulation and urinary albumin-creatinine ratio in middle-aged Japanese men. <i>Atherosclerosis</i> , 2010, 211, 601-605.	0.8	42
24	Increased Dynamics of Tricarboxylic Acid Cycle and Glutamate Synthesis in Obese Adipose Tissue. <i>Journal of Biological Chemistry</i> , 2017, 292, 4469-4483.	3.4	39
25	Impact of hyperuricemia on chronic kidney disease and atherosclerotic cardiovascular disease. <i>Hypertension Research</i> , 2022, 45, 635-640.	2.7	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. <i>Internal Medicine</i> , 2011, 50, 1643-1648.	0.7	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. <i>Diabetology and Metabolic Syndrome</i> , 2014, 6, 95.	2.7	27
28	Population Approaches Targeting Metabolic Syndrome Focusing on Japanese Trials. <i>Nutrients</i> , 2019, 11, 1430.	4.1	20
29	Human adipose-derived mesenchymal stem cells prevent type 1 diabetes induced by immune checkpoint blockade. <i>Diabetologia</i> , 2022, 65, 1185-1197.	6.3	19
30	Systemic arteriosclerosis and eating behavior in Japanese type 2 diabetic patients with visceral fat accumulation. <i>Cardiovascular Diabetology</i> , 2015, 14, 8.	6.8	17
31	Significant Association of Serum Adiponectin and Creatine Kinase-MB Levels in ST-Segment Elevation Myocardial Infarction. <i>Journal of Atherosclerosis and Thrombosis</i> , 2017, 24, 793-803.	2.0	17
32	A disintegrin and metalloproteinase 12 prevents heart failure by regulating cardiac hypertrophy and fibrosis. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020, 318, H238-H251.	3.2	17
33	Increased vascular permeability and severe renal tubular damage after ischemia-reperfusion injury in mice lacking adiponectin or T-cadherin. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2021, 320, E179-E190.	3.5	17
34	Vascular complications and changes in body mass index in Japanese type 2 diabetic patients with abdominal obesity. <i>Cardiovascular Diabetology</i> , 2013, 12, 88.	6.8	15
35	Effect of adiponectin on cardiac $\beta$ -catenin signaling pathway under angiotensin II infusion. <i>Biochemical and Biophysical Research Communications</i> , 2014, 444, 224-229.	2.1	15
36	Saliva and Plasma Reflect Metabolism Altered by Diabetes and Periodontitis. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 742002.	3.5	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. <i>Diabetology International</i> , 2022, 13, 1-30.	1.4	15
38	Impact of glycosylphosphatidylinositol-specific phospholipase D on hepatic diacylglycerol accumulation, steatosis, and insulin resistance in diet-induced obesity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019, 316, E239-E250.	3.5	14
39	Adiponectin accumulation in the retinal vascular endothelium and its possible role in preventing early diabetic microvascular damage. <i>Scientific Reports</i> , 2022, 12, 4159.	3.3	14
40	Impact of visceral fat on gene expression profile in peripheral blood cells in obese Japanese subjects. <i>Cardiovascular Diabetology</i> , 2016, 15, 159.	6.8	12
41	Possible Involvement of Opa-Interacting Protein 5 in Adipose Proliferation and Obesity. <i>PLoS ONE</i> , 2014, 9, e87661.	2.5	11
42	Increased plasma XOR activity induced by NAFLD/NASH and its possible involvement in vascular neointimal proliferation. <i>JCI Insight</i> , 2021, 6, .	5.0	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. <i>Journal of Epidemiology</i> , 2020, 30, 194-199.	2.4	11
44	Association between poor psychosocial conditions and diabetic nephropathy in Japanese type 2 diabetes patients: A crossâ€”sectional study. <i>Journal of Diabetes Investigation</i> , 2018, 9, 162-172.	2.4	9
45	Positive correlation between fasting plasma glucagon and serum C-peptide in Japanese patients with diabetes. <i>Heliyon</i> , 2019, 5, e01715.	3.2	9
46	Plasma xanthine oxidoreductase activity in Japanese patients with type 2 diabetes across hospitalized treatment. <i>Journal of Diabetes Investigation</i> , 2020, 12, 1512-1520.	2.4	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. <i>Journal of Diabetes Investigation</i> , 2021, 12, 2232-2241.	2.4	6
48	Adipose Hypothermia in Obesity and Its Association with Period Homolog 1, Insulin Sensitivity, and Inflammation in Fat. <i>PLoS ONE</i> , 2014, 9, e112813.	2.5	6
49	Identification and Clinical Associations of 3 Forms of Circulating T-cadherin in Human Serum. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, 1333-1344.	3.6	5
50	Characteristics of sleepâ€”wake cycle and sleep duration in Japanese type 2 diabetes patients with visceral fat accumulation. <i>Journal of Diabetes Investigation</i> , 2018, 9, 63-68.	2.4	4
51	Fat cell lipolysis and future weight gain. <i>Journal of Diabetes Investigation</i> , 2019, 10, 221-223.	2.4	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. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 6375.	2.6	2
53	Multiple Gouty Tophi with Bone Erosion and Destruction: A Report of an Early-onset Case in an Obese Patient. <i>Internal Medicine</i> , 2017, 56, 1071-1077.	0.7	1
54	Marked Hypergastrinemia with G-cell Hyperplasia in Two Autoimmune Gastritis Patients. <i>Internal Medicine</i> , 2020, 59, 799-803.	0.7	1

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55	A Japanese patient with a 2p25.3 terminal deletion presented with early-onset obesity, intellectual disability and diabetes mellitus: A case report. Journal of Diabetes Investigation, 2022, 13, 391-396.	2.4	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.	2.0	1
57	Genetic assessment using whole-exome sequencing for a young hypertriglyceridemic patient with repeated acute pancreatitis. Endocrine Journal, 2022, 69, 1101-1108.	1.6	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.	0.7	0