

Norikazu Maeda

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

6,588
citations

159525

30
h-index

123376

61
g-index

69
all docs

69
docs citations

69
times ranked

8094
citing authors

#	ARTICLE	IF	CITATIONS
1	Diet-induced insulin resistance in mice lacking adiponectin/ACRP30. <i>Nature Medicine</i> , 2002, 8, 731-737.	15.2	1,908
2	Androgens Decrease Plasma Adiponectin, an Insulin-Sensitizing Adipocyte-Derived Protein. <i>Diabetes</i> , 2002, 51, 2734-2741.	0.3	709
3	Induction of Adiponectin, a Fat-Derived Antidiabetic and Antiatherogenic Factor, by Nuclear Receptors. <i>Diabetes</i> , 2003, 52, 1655-1663.	0.3	685
4	Enhanced carbon tetrachloride-induced liver fibrosis in mice lacking adiponectin. <i>Gastroenterology</i> , 2003, 125, 1796-1807.	0.6	447
5	Uric Acid Secretion from Adipose Tissue and Its Increase in Obesity. <i>Journal of Biological Chemistry</i> , 2013, 288, 27138-27149.	1.6	279
6	Natriuretic Peptides Enhance the Production of Adiponectin in Human Adipocytes and in Patients With Chronic Heart Failure. <i>Journal of the American College of Cardiology</i> , 2009, 53, 2070-2077.	1.2	225
7	Blockade of mineralocorticoid receptor reverses adipocyte dysfunction and insulin resistance in obese mice. <i>Cardiovascular Research</i> , 2009, 84, 164-172.	1.8	204
8	Adiponectin I164T mutation is associated with the metabolic syndrome and coronary artery disease. <i>Journal of the American College of Cardiology</i> , 2004, 43, 1195-1200.	1.2	182
9	Adiponectin Protects Against Angiotensin II-Induced Cardiac Fibrosis Through Activation of PPAR- γ . <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, 863-870.	1.1	166
10	Adaptation to fasting by glycerol transport through aquaporin 7 in adipose tissue. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 17801-17806.	3.3	160
11	Effects of Peroxisome Proliferator-Activated Receptor Ligands, Bezafibrate and Fenofibrate, on Adiponectin Level. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007, 27, 635-641.	1.1	127
12	Adiponectin/T-cadherin system enhances exosome biogenesis and decreases cellular ceramides by exosomal release. <i>JCI Insight</i> , 2018, 3, .	2.3	122
13	Metabolic impact of adipose and hepatic glycerol channels aquaporin 7 and aquaporin 9. <i>Nature Clinical Practice Endocrinology and Metabolism</i> , 2008, 4, 627-634.	2.9	98
14	Adiponectin association with T-cadherin protects against neointima proliferation and atherosclerosis. <i>FASEB Journal</i> , 2017, 31, 1571-1583.	0.2	95
15	Adiponectin Stimulates Exosome Release to Enhance Mesenchymal Stem-Cell-Driven Therapy of Heart Failure in Mice. <i>Molecular Therapy</i> , 2020, 28, 2203-2219.	3.7	86
16	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.	1.4	78
17	Adiponectin, a unique adipocyte-derived factor beyond hormones. <i>Atherosclerosis</i> , 2020, 292, 1-9.	0.4	69
18	Adiponectin promotes muscle regeneration through binding to T-cadherin. <i>Scientific Reports</i> , 2019, 9, 16.	1.6	60

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19	Association of Epicardial, Visceral, and Subcutaneous Fat With Cardiometabolic Diseases. <i>Circulation Journal</i> , 2018, 82, 502-508.	0.7	56
20	Implications of aquaglyceroporins 7 and 9 in glycerol metabolism and metabolic syndrome. <i>Molecular Aspects of Medicine</i> , 2012, 33, 665-675.	2.7	54
21	Low muscle quality in Japanese type 2 diabetic patients with visceral fat accumulation. <i>Cardiovascular Diabetology</i> , 2018, 17, 112.	2.7	53
22	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.	1.6	51
23	Role of Aquaporin-7 and Aquaporin-9 in Glycerol Metabolism; Involvement in Obesity. <i>Handbook of Experimental Pharmacology</i> , 2009, , 233-249.	0.9	49
24	Hypoxanthine Secretion from Human Adipose Tissue and its Increase in Hypoxia. <i>Obesity</i> , 2018, 26, 1168-1178.	1.5	47
25	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
26	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.	3.3	43
27	Dynamic Changes of Adiponectin and S100A8 Levels by the Selective Peroxisome Proliferator-Activated Receptor- β Agonist Rivoglitazone. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 792-799.	1.1	40
28	Adiponectin Protein Exists in Aortic Endothelial Cells. <i>PLoS ONE</i> , 2013, 8, e71271.	1.1	40
29	Native adiponectin in serum binds to mammalian cells expressing T-cadherin, but not AdipoRs or calreticulin. <i>ELife</i> , 2019, 8, .	2.8	34
30	Ultrastructural Localization of Adiponectin protein in Vasculature of Normal and Atherosclerotic mice. <i>Scientific Reports</i> , 2014, 4, 4895.	1.6	33
31	Impact of hyperuricemia on chronic kidney disease and atherosclerotic cardiovascular disease. <i>Hypertension Research</i> , 2022, 45, 635-640.	1.5	32
32	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.	1.2	27
33	A pilot three-month sitagliptin treatment increases serum adiponectin level in Japanese patients with type 2 diabetes mellitus- a randomized controlled trial START-J study. <i>Cardiovascular Diabetology</i> , 2014, 13, 96.	2.7	24
34	Human adipose-derived mesenchymal stem cells prevent type 1 diabetes induced by immune checkpoint blockade. <i>Diabetologia</i> , 2022, 65, 1185-1197.	2.9	19
35	Systemic arteriosclerosis and eating behavior in Japanese type 2 diabetic patients with visceral fat accumulation. <i>Cardiovascular Diabetology</i> , 2015, 14, 8.	2.7	17
36	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.	0.9	17

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37	Pioglitazone strengthen therapeutic effect of adipose-derived regenerative cells against ischemic cardiomyopathy through enhanced expression of adiponectin and modulation of macrophage phenotype. <i>Cardiovascular Diabetology</i> , 2019, 18, 39.	2.7	17
38	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.	1.5	17
39	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.	1.8	17
40	Effect of adiponectin on cardiac β -catenin signaling pathway under angiotensin II infusion. <i>Biochemical and Biophysical Research Communications</i> , 2014, 444, 224-229.	1.0	15
41	Cardiovascular-metabolic impact of adiponectin and aquaporin [Review]. <i>Endocrine Journal</i> , 2013, 60, 251-259.	0.7	14
42	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.	1.8	14
43	Adiponectin accumulation in the retinal vascular endothelium and its possible role in preventing early diabetic microvascular damage. <i>Scientific Reports</i> , 2022, 12, 4159.	1.6	14
44	Westernization of lifestyle affects quantitative and qualitative changes in adiponectin. <i>Cardiovascular Diabetology</i> , 2017, 16, 83.	2.7	13
45	Impact of visceral fat on gene expression profile in peripheral blood cells in obese Japanese subjects. <i>Cardiovascular Diabetology</i> , 2016, 15, 159.	2.7	12
46	Possible Involvement of Opa-Interacting Protein 5 in Adipose Proliferation and Obesity. <i>PLoS ONE</i> , 2014, 9, e87661.	1.1	11
47	Increased plasma XOR activity induced by NAFLD/NASH and its possible involvement in vascular neointimal proliferation. <i>JCI Insight</i> , 2021, 6, .	2.3	11
48	Positive correlation between fasting plasma glucagon and serum C-peptide in Japanese patients with diabetes. <i>Heliyon</i> , 2019, 5, e01715.	1.4	9
49	Plasma xanthine oxidoreductase activity in Japanese patients with type 2 diabetes across hospitalized treatment. <i>Journal of Diabetes Investigation</i> , 2020, 12, 1512-1520.	1.1	7
50	Adipose Hypothermia in Obesity and Its Association with Period Homolog 1, Insulin Sensitivity, and Inflammation in Fat. <i>PLoS ONE</i> , 2014, 9, e112813.	1.1	6
51	Effect of 4-[(5,6,7,8-Tetrahydro-5,5,8,8-Tetramethyl-2-Naphthalenyl)Carbamoyl]Benzoic Acid (Am80) on Alveolar Regeneration in Adiponectin Deficient-Mice Showing a Chronic Obstructive Pulmonary Disease-like Pathophysiology. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2017, 361, 501-505.	1.3	5
52	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.	1.8	5
53	Characteristics of sleep-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.	1.1	4
54	Asymptomatic Pontine Lesion and Diabetic Amyotrophy after Rapid Improvement of Poor Glycemic Control in a Patient with Type 1 Diabetes. <i>Internal Medicine</i> , 2019, 58, 3433-3439.	0.3	4

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55	Association of abdominal obesity with crossing capillaries in the finger nailfold in type 2 diabetes mellitus. <i>Diabetology International</i> , 2021, 12, 260-267.	0.7	2
56	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.	0.3	1
57	Marked Hypergastrinemia with G-cell Hyperplasia in Two Autoimmune Gastritis Patients. <i>Internal Medicine</i> , 2020, 59, 799-803.	0.3	1
58	A Japanese patient with a 2p25.3 terminal deletion presented with early-onset obesity, intellectual disability and diabetes mellitus: A case report. <i>Journal of Diabetes Investigation</i> , 2022, 13, 391-396.	1.1	1
59	Time-Series Change of Serum Soluble T-Cadherin Concentrations and Its Association with Creatine Kinase-MB Levels in ST-Segment Elevation Myocardial Infarction. <i>Journal of Atherosclerosis and Thrombosis</i> , 2022, 29, 1823-1834.	0.9	1
60	Genetic assessment using whole-exome sequencing for a young hypertriglyceridemic patient with repeated acute pancreatitis. <i>Endocrine Journal</i> , 2022, 69, 1101-1108.	0.7	1
61	Individual evaluation of aging- and caloric restriction-related changes to distinct multimeric complexes of circulating adiponectin by immunoblotting. <i>Experimental Gerontology</i> , 2022, 164, 111821.	1.2	0