Naoto Nagata

List of Publications by Citations

57 papers	3,757 citations	31 h-index	60 g-index
60 ext. papers	4,460 ext. citations	6.1 avg, IF	4.83 L-index

#	Paper	IF	Citations
57	Increased oxidative stress precedes the onset of high-fat diet-induced insulin resistance and obesity. *Metabolism: Clinical and Experimental*, **2008**, 57, 1071-7	12.7	379
56	Lipid-induced oxidative stress causes steatohepatitis in mice fed an atherogenic diet. *Hepatology*, **2007**, 46, 1392-403	11.2	368
55	A liver-derived secretory protein, selenoprotein P, causes insulin resistance. *Cell Metabolism*, **2010**, 12, 483-95	24.6	357
54	Palmitate induces insulin resistance in H4IIEC3 hepatocytes through reactive oxygen species produced by mitochondria. *Journal of Biological Chemistry*, **2009**, 284, 14809-18	5.4	296
53	Insulin resistance accelerates a dietary rat model of nonalcoholic steatohepatitis. *Gastroenterology*, **2007**, 132, 282-93	13.3	197
52	SGLT2 Inhibition by Empagliflozin Promotes Fat Utilization and Browning and Attenuates Inflammation and Insulin Resistance by Polarizing M2 Macrophages in Diet-induced Obese Mice. *EBioMedicine*, **2017**, 20, 137-149	8.8	174
51	Astaxanthin prevents and reverses diet-induced insulin resistance and steatohepatitis in mice: A comparison with vitamin E. *Scientific Reports*, **2015**, 5, 17192	4.9	132
50	DPP-4 Inhibition by Linagliptin Attenuates Obesity-Related Inflammation and Insulin Resistance by Regulating M1/M2 Macrophage Polarization. *Diabetes*, **2016**, 65, 2966-79	0.9	113
49	Metformin prevents and reverses inflammation in a non-diabetic mouse model of nonalcoholic steatohepatitis. *PLoS ONE*, **2012**, 7, e43056	3.7	95
48	Inhibitory mechanisms of flavonoids on insulin-stimulated glucose uptake in MC3T3-G2/PA6 adipose cells. *Biological and Pharmaceutical Bulletin*, **2008**, 31, 1403-9	2.3	95
47	Clock gene expression in peripheral leucocytes of patients with type 2 diabetes. *Diabetologia*, **2009**, 52, 329-35	10.3	92
46	Regulation of Gut Microbiota and Metabolic Endotoxemia with Dietary Factors. *Nutrients*, **2019**, 11,	6.7	89
45	Glucoraphanin Ameliorates Obesity and Insulin Resistance Through Adipose Tissue Browning and Reduction of Metabolic Endotoxemia in Mice. *Diabetes*, **2017**, 66, 1222-1236	0.9	87
44	LECT2 functions as a hepatokine that links obesity to skeletal muscle insulin resistance. *Diabetes*, **2014**, 63, 1649-64	0.9	86
43	Soluble epoxide hydrolase deficiency or inhibition attenuates diet-induced endoplasmic reticulum stress in liver and adipose tissue. *Journal of Biological Chemistry*, **2013**, 288, 14189-14199	5.4	82
42	Genes involved in oxidative phosphorylation are coordinately upregulated with fasting hyperglycaemia in livers of patients with type 2 diabetes. *Diabetologia*, **2007**, 50, 268-77	10.3	74
41	Obesity upregulates genes involved in oxidative phosphorylation in livers of diabetic patients. *Obesity*, **2008**, 16, 2601-9	8	71

40	Prevention and reversal of lipotoxicity-induced hepatic insulin resistance and steatohepatitis in mice by an antioxidant carotenoid, β-cryptoxanthin. *Endocrinology*, **2015**, 156, 987-99	4.8	67
39	Protecting cisplatin-induced nephrotoxicity with cimetidine does not affect antitumor activity. *Biological and Pharmaceutical Bulletin*, **2010**, 33, 1867-71	2.3	64
38	Gene expression profiles in peripheral blood mononuclear cells reflect the pathophysiology of type 2 diabetes. *Biochemical and Biophysical Research Communications*, **2007**, 361, 379-84	3.4	57
37	Central Insulin Action Activates Kupffer Cells by Suppressing Hepatic Vagal Activation via the Nicotinic Alpha 7 Acetylcholine Receptor. *Cell Reports*, **2016**, 14, 2362-74	10.6	54
36	Differential regulation of endoplasmic reticulum stress by protein tyrosine phosphatase 1B and T cell protein tyrosine phosphatase. *Journal of Biological Chemistry*, **2011**, 286, 9225-35	5.4	52
35	Selenoprotein P as a diabetes-associated hepatokine that impairs angiogenesis by inducing VEGF resistance in vascular endothelial cells. *Diabetologia*, **2014**, 57, 1968-76	10.3	43
34	Tranilast, an antifibrogenic agent, ameliorates a dietary rat model of nonalcoholic steatohepatitis. *Hepatology*, **2008**, 48, 109-18	11.2	43
33	Protein tyrosine phosphatase 1B regulates pyruvate kinase M2 tyrosine phosphorylation. *Journal of Biological Chemistry*, **2013**, 288, 17360-71	5.4	41
32	Altered glucose homeostasis in mice with liver-specific deletion of Src homology phosphatase 2. *Journal of Biological Chemistry*, **2010**, 285, 39750-8	5.4	38
31	Micronutrient Antioxidants and Nonalcoholic Fatty Liver Disease. *International Journal of Molecular Sciences*, **2016**, 17,	6.3	38
30	Hepatic Src homology phosphatase 2 regulates energy balance in mice. *Endocrinology*, **2012**, 153, 3158-69	4.8	35
29	Regulation of adiponectin receptor expression in human liver and a hepatocyte cell line. *Metabolism: Clinical and Experimental*, **2007**, 56, 1478-85	12.7	35
28	Glucoraphanin: a broccoli sprout extract that ameliorates obesity-induced inflammation and insulin resistance. *Adipocyte*, **2018**, 7, 218-225	3.2	31
27	Regulation of brown fat adipogenesis by protein tyrosine phosphatase 1B. *PLoS ONE*, **2011**, 6, e16446	3.7	31
26	Branched-chain amino acids prevent hepatic fibrosis and development of hepatocellular carcinoma in a non-alcoholic steatohepatitis mouse model. *Oncotarget*, **2017**, 8, 18191-18205	3.3	31
25	Empagliflozin reverses obesity and insulin resistance through fat browning and alternative macrophage activation in mice fed a high-fat diet. *BMJ Open Diabetes Research and Care*, **2019**, 7, e000783	4.5	29
24	Olmesartan ameliorates a dietary rat model of non-alcoholic steatohepatitis through its pleiotropic effects. *European Journal of Pharmacology*, **2008**, 588, 316-24	5.3	29
23	β-Cryptoxanthin exerts greater cardioprotective effects on cardiac ischemia-reperfusion injury than astaxanthin by attenuating mitochondrial dysfunction in mice. *Molecular Nutrition and Food Research*, **2017**, 61, 1601077	5.9	26

22	The hepatic circadian clock is preserved in a lipid-induced mouse model of non-alcoholic steatohepatitis. *Biochemical and Biophysical Research Communications*, **2009**, 380, 684-8	3.4	24
21	Cross talk of tumor necrosis factor-alpha and the renin-angiotensin system in tumor necrosis factor-alpha-induced plasminogen activator inhibitor-1 production from hepatocytes. *European Journal of Pharmacology*, **2008**, 579, 426-32	5.3	24
20	Xanthine oxidase inhibition attenuates insulin resistance and diet-induced steatohepatitis in mice. *Scientific Reports*, **2020**, 10, 815	4.9	20
19	Lycopene Alleviates Obesity-Induced Inflammation and Insulin Resistance by Regulating M1/M2 Status of Macrophages. *Molecular Nutrition and Food Research*, **2019**, 63, e1900602	5.9	19
18	Peretinoin, an acyclic retinoid, inhibits hepatocarcinogenesis by suppressing sphingosine kinase 1 expression in vitro and in vivo. *Scientific Reports*, **2017**, 7, 16978	4.9	18
17	Impact of Glucoraphanin-Mediated Activation of Nrf2 on Non-Alcoholic Fatty Liver Disease with a Focus on Mitochondrial Dysfunction. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	18
16	Regulation of the SNARE-interacting protein Munc18c tyrosine phosphorylation in adipocytes by protein-tyrosine phosphatase 1B. *Cell Communication and Signaling*, **2013**, 11, 57	7.5	16
15	Lycopene prevents the progression of lipotoxicity-induced nonalcoholic steatohepatitis by decreasing oxidative stress in mice. *Free Radical Biology and Medicine*, **2020**, 152, 571-582	7.8	16
14	Adipose-specific deletion of Src homology phosphatase 2 does not significantly alter systemic glucose homeostasis. *Metabolism: Clinical and Experimental*, **2011**, 60, 1193-201	12.7	12
13	Pirfenidone prevents and reverses hepatic insulin resistance and steatohepatitis by polarizing M2 macrophages. *Laboratory Investigation*, **2019**, 99, 1335-1348	5.9	11
12	Peretinoin, an acyclic retinoid, suppresses steatohepatitis and tumorigenesis by activating autophagy in mice fed an atherogenic high-fat diet. *Oncotarget*, **2017**, 8, 39978-39993	3.3	11
11	A porcine placental extract prevents steatohepatitis by suppressing activation of macrophages and stellate cells in mice. *Oncotarget*, **2018**, 9, 15047-15060	3.3	8
10	CX3CL1-CX3CR1 Signaling Deficiency Exacerbates Obesity-induced Inflammation and Insulin Resistance in Male Mice. *Endocrinology*, **2021**, 162,	4.8	6
9	CC chemokine ligand 3 deficiency ameliorates diet-induced steatohepatitis by regulating liver macrophage recruitment and M1/M2 status in mice. *Metabolism: Clinical and Experimental*, **2021**, 125, 154914	12.7	5
8	DPP-4 Inhibition with Anagliptin Reduces Lipotoxicity-Induced Insulin Resistance and Steatohepatitis in Male Mice. *Endocrinology*, **2020**, 161,	4.8	5
7	Soybean fat supplementation controls insulin resistance caused by fat-free total parenteral nutrition. *Journal of Pharmacy and Pharmacology*, **2008**, 60, 461-5	4.8	4
6	Lactobacillus pentosus strain S-PT84 improves steatohepatitis by maintaining gut permeability. *Journal of Endocrinology*, **2020**, 247, 169-181	4.7	4
5	Brown adipocyte-specific knockout of Bmal1 causes mild but significant thermogenesis impairment in mice. *Molecular Metabolism*, **2021**, 49, 101202	8.8	3

4	Comparison of Relationship between Dosage and Serum Concentration of Voriconazole in Adult and Pediatric Patients. *Iryo Yakugaku (Japanese Journal of Pharmaceutical Health Care and Sciences)*, **2010**, 36, 213-219	0.1	1
3	An Update on the Chemokine System in the Development of NAFLD. *Medicina (Lithuania)*, **2022**, 58, 761	3.1	0
2	Edoxaban Dosing Time Affects Blood Coagulation Inhibition in Rats. *TH Open*, **2021**, 5, e107-e112	2.7	
1	Lenvatinib causes mitochondrial impairment in skeletal muscles. *Proceedings for Annual Meeting of the Japanese Pharmacological Society*, **2022**, 95, 2-YIA-56	0	