Naoto Nagata

List of Publications by Year
in descending order

59	5,023	109137	143772
papers	citations	35 h-index	57 g-index

60	60	60	8372
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Liver-Derived Secretory Protein, Selenoprotein P, Causes Insulin Resistance. Cell Metabolism, 2010, 12, 483-495.	7.2	469
2	Increased oxidative stress precedes the onset of high-fat dietâ€“induced insulin resistance and obesity. Metabolism: Clinical and Experimental, 2008, 57, 1071-1077.	1.5	443
3	Lipid-induced oxidative stress causes steatohepatitis in mice fed an atherogenic diet. Hepatology, 2007, 46, 1392-1403.	3.6	437
4	Palmitate Induces Insulin Resistance in H4IIEC3 Hepatocytes through Reactive Oxygen Species Produced by Mitochondria. Journal of Biological Chemistry, 2009, 284, 14809-14818.	1.6	351
5	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.	2.7	311
6	Insulin Resistance Accelerates a Dietary Rat Model of Nonalcoholic Steatohepatitis. Gastroenterology, 2007, 132, 282-293.	0.6	222
7	Astaxanthin prevents and reverses diet-induced insulin resistance and steatohepatitis in mice: A comparison with vitamin E. Scientific Reports, 2015, 5, 17192.	1.6	183
8	Regulation of Gut Microbiota and Metabolic Endotoxemia with Dietary Factors. Nutrients, 2019, 11, 2277.	1.7	155
9	DPP-4 Inhibition by Linagliptin Attenuates Obesity-Related Inflammation and Insulin Resistance by Regulating M1/M2 Macrophage Polarization. Diabetes, 2016, 65, 2966-2979.	0.3	149
10	Glucoraphanin Ameliorates Obesity and Insulin Resistance Through Adipose Tissue Browning and Reduction of Metabolic Endotoxemia in Mice. Diabetes, 2017, 66, 1222-1236.	0.3	127
11	Metformin Prevents and Reverses Inflammation in a Non-Diabetic Mouse Model of Nonalcoholic Steatohepatitis. PLoS ONE, 2012, 7, e43056.	1.1	124
12	LECT2 Functions as a Hepatokine That Links Obesity to Skeletal Muscle Insulin Resistance. Diabetes, 2014, 63, 1649-1664.	0.3	123
13	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.	1.6	109
14	Clock gene expression in peripheral leucocytes of patients with type 2 diabetes. Diabetologia, 2009, 52, 329-335.	2.9	108
15	Inhibitory Mechanisms of Flavonoids on Insulin-Stimulated Glucose Uptake in MC3T3-G2/PA6 Adipose Cells. Biological and Pharmaceutical Bulletin, 2008, 31, 1403-1409.	0.6	100
16	Genes involved in oxidative phosphorylation are coordinately upregulated with fasting hyperglycaemia in livers of patients with type 2 diabetes. Diabetologia, 2007, 50, 268-277.	2.9	92
17	Prevention and Reversal of Lipotoxicity-Induced Hepatic Insulin Resistance and Steatohepatitis in Mice by an Antioxidant Carotenoid, Î²-Cryptoxanthin. Endocrinology, 2015, 156, 987-999.	1.4	90
18	Protecting Cisplatin-Induced Nephrotoxicity with Cimetidine Does Not Affect Antitumor Activity. Biological and Pharmaceutical Bulletin, 2010, 33, 1867-1871.	0.6	82

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19	Obesity Upregulates Genes Involved in Oxidative Phosphorylation in Livers of Diabetic Patients. Obesity, 2008, 16, 2601-2609.	1.5	81
20	Gene expression profiles in peripheral blood mononuclear cells reflect the pathophysiology of type 2 diabetes. Biochemical and Biophysical Research Communications, 2007, 361, 379-384.	1.0	71
21	Central Insulin Action Activates Kupffer Cells by Suppressing Hepatic Vagal Activation via the Nicotinic Alpha 7 Acetylcholine Receptor. Cell Reports, 2016, 14, 2362-2374.	2.9	67
22	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.	1.2	65
23	Glucoraphanin: a broccoli sprout extract that ameliorates obesity-induced inflammation and insulin resistance. Adipocyte, 2018, 7, 218-225.	1.3	60
24	Branched-chain amino acids prevent hepatic fibrosis and development of hepatocellular carcinoma in a non-alcoholic steatohepatitis mouse model. Oncotarget, 2017, 8, 18191-18205.	0.8	59
25	Differential Regulation of Endoplasmic Reticulum Stress by Protein Tyrosine Phosphatase 1B and T Cell Protein Tyrosine Phosphatase. Journal of Biological Chemistry, 2011, 286, 9225-9235.	1.6	58
26	Tranilast, an antifibrogenic agent, ameliorates a dietary rat model of nonalcoholic steatohepatitis. Hepatology, 2008, 48, 109-118.	3.6	55
27	Selenoprotein P as a diabetes-associated hepatokine that impairs angiogenesis by inducing VEGF resistance in vascular endothelial cells. Diabetologia, 2014, 57, 1968-1976.	2.9	55
28	Micronutrient Antioxidants and Nonalcoholic Fatty Liver Disease. International Journal of Molecular Sciences, 2016, 17, 1379.	1.8	48
29	Hepatic Src Homology Phosphatase 2 Regulates Energy Balance in Mice. Endocrinology, 2012, 153, 3158-3169.	1.4	47
30	Altered Glucose Homeostasis in Mice with Liver-specific Deletion of Src Homology Phosphatase 2. Journal of Biological Chemistry, 2010, 285, 39750-39758.	1.6	46
31	Protein Tyrosine Phosphatase 1B Regulates Pyruvate Kinase M2 Tyrosine Phosphorylation. Journal of Biological Chemistry, 2013, 288, 17360-17371.	1.6	46
32	Lycopene prevents the progression of lipotoxicity-induced nonalcoholic steatohepatitis by decreasing oxidative stress in mice. Free Radical Biology and Medicine, 2020, 152, 571-582.	1.3	44
33	Xanthine oxidase inhibition attenuates insulin resistance and diet-induced steatohepatitis in mice. Scientific Reports, 2020, 10, 815.	1.6	41
34	Regulation of adiponectin receptor expression in human liver and a hepatocyte cell line. Metabolism: Clinical and Experimental, 2007, 56, 1478-1485.	1.5	39
35	Olmesartan ameliorates a dietary rat model of non-alcoholic steatohepatitis through its pleiotropic effects. European Journal of Pharmacology, 2008, 588, 316-324.	1.7	39
36	Lycopene Alleviates Obesityâ€Induced Inflammation and Insulin Resistance by Regulating M1/M2 Status of Macrophages. Molecular Nutrition and Food Research, 2019, 63, e1900602.	1.5	39

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37	Regulation of Brown Fat Adipogenesis by Protein Tyrosine Phosphatase 1B. PLoS ONE, 2011, 6, e16446.	1.1	36
38	Î²â€Cryptoxanthin exerts greater cardioprotective effects on cardiac ischemiaâ€reperfusion injury than astaxanthin by attenuating mitochondrial dysfunction in mice. Molecular Nutrition and Food Research, 2017, 61, 1601077.	1.5	33
39	C C 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.	1.5	33
40	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, 5920.	1.8	31
41	Cross talk of tumor necrosis factor-Î± and the reninâ€“angiotensin system in tumor necrosis factor-Î±-induced plasminogen activator inhibitor-1 production from hepatocytes. European Journal of Pharmacology, 2008, 579, 426-432.	1.7	26
42	The hepatic circadian clock is preserved in a lipid-induced mouse model of non-alcoholic steatohepatitis. Biochemical and Biophysical Research Communications, 2009, 380, 684-688.	1.0	26
43	Peretinoin, an acyclic retinoid, inhibits hepatocarcinogenesis by suppressing sphingosine kinase 1 expression in vitro and in vivo. Scientific Reports, 2017, 7, 16978.	1.6	25
44	Pirfenidone prevents and reverses hepatic insulin resistance and steatohepatitis by polarizing M2 macrophages. Laboratory Investigation, 2019, 99, 1335-1348.	1.7	23
45	Peretinoin, an acyclic retinoid, suppresses steatohepatitis and tumorigenesis by activating autophagy in mice fed an atherogenic high-fat diet. Oncotarget, 2017, 8, 39978-39993.	0.8	22
46	Regulation of the SNARE-interacting protein Munc18c tyrosine phosphorylation in adipocytes by protein-tyrosine phosphatase 1B. Cell Communication and Signaling, 2013, 11, 57.	2.7	19
47	Brown adipocyte-specific knockout of Bmal1 causes mild but significant thermogenesis impairment in mice. Molecular Metabolism, 2021, 49, 101202.	3.0	17
48	CX3CL1-CX3CR1 Signaling Deficiency Exacerbates Obesity-induced Inflammation and Insulin Resistance in Male Mice. Endocrinology, 2021, 162, .	1.4	16
49	Adipose-specific deletion of Src homology phosphatase 2 does not significantly alter systemic glucose homeostasis. Metabolism: Clinical and Experimental, 2011, 60, 1193-1201.	1.5	14
50	DPP-4 Inhibition with Anagliptin Reduces Lipotoxicity-Induced Insulin Resistance and Steatohepatitis in Male Mice. Endocrinology, 2020, 161, .	1.4	14
51	A porcine placental extract prevents steatohepatitis by suppressing activation of macrophages and stellate cells in mice. Oncotarget, 2018, 9, 15047-15060.	0.8	14
52	Lactobacillus pentosus strain S-PT84 improves steatohepatitis by maintaining gut permeability. Journal of Endocrinology, 2020, 247, 169-181.	1.2	13
53	An Update on the Chemokine System in the Development of NAFLD. Medicina (Lithuania), 2022, 58, 761.	0.8	9
54	Leukocyte cell-derived chemotaxin 2 is an antiviral regulator acting through the proto-oncogene MET. Nature Communications, 2022, 13, .	5.8	6

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55	Soybean fat supplementation controls insulin resistance caused by fat-free total parenteral nutrition. Journal of Pharmacy and Pharmacology, 2010, 60, 461-465.	1.2	5
56	Chronic Treatment with Metformin Has No Disrupting Effect on the Hepatic Circadian Clock in Mice. Medicina (Lithuania), 2022, 58, 293.	0.8	3
57	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.	0.0	2
58	Edoxaban Dosing Time Affects Blood Coagulation Inhibition in Rats. TH Open, 2021, 05, e107-e112.	0.7	0
59	Lenvatinib causes mitochondrial impairment in skeletal muscles. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2022, 95, 2-YIA-56.	0.0	0