

Yoshimi Nakagawa

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

1,805
citations

257357

24
h-index

289141

40
g-index

58
all docs

58
docs citations

58
times ranked

2995
citing authors

#	ARTICLE	IF	CITATIONS
1	The up-regulation of microRNA-335 is associated with lipid metabolism in liver and white adipose tissue of genetically obese mice. <i>Biochemical and Biophysical Research Communications</i> , 2009, 385, 492-496.	1.0	173
2	TFE3 transcriptionally activates hepatic IRS-2, participates in insulin signaling and ameliorates diabetes. <i>Nature Medicine</i> , 2006, 12, 107-113.	15.2	168
3	SREBP-1-independent regulation of lipogenic gene expression in adipocytes. <i>Journal of Lipid Research</i> , 2007, 48, 1581-1591.	2.0	111
4	KLF15 Enables Rapid Switching between Lipogenesis and Gluconeogenesis during Fasting. <i>Cell Reports</i> , 2016, 16, 2373-2386.	2.9	94
5	Epigenetic modulation of Fgf21 in the perinatal mouse liver ameliorates diet-induced obesity in adulthood. <i>Nature Communications</i> , 2018, 9, 636.	5.8	67
6	CREBH Regulates Systemic Glucose and Lipid Metabolism. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1396.	1.8	62
7	The liver-enriched transcription factor CREBH is nutritionally regulated and activated by fatty acids and PPAR α . <i>Biochemical and Biophysical Research Communications</i> , 2010, 391, 1222-1227.	1.0	60
8	Skeletal muscle-specific HMG-CoA reductase knockout mice exhibit rhabdomyolysis: A model for statin-induced myopathy. <i>Biochemical and Biophysical Research Communications</i> , 2015, 466, 536-540.	1.0	59
9	Ligand-Activated PPAR α -Dependent DNA Demethylation Regulates the Fatty Acid β -Oxidation Genes in the Postnatal Liver. <i>Diabetes</i> , 2015, 64, 775-784.	0.3	53
10	Different Effects of Eicosapentaenoic and Docosahexaenoic Acids on Atherogenic High-Fat Diet-Induced Non-Alcoholic Fatty Liver Disease in Mice. <i>PLoS ONE</i> , 2016, 11, e0157580.	1.1	50
11	Hepatic CREB3L3 Controls Whole-Body Energy Homeostasis and Improves Obesity and Diabetes. <i>Endocrinology</i> , 2014, 155, 4706-4719.	1.4	49
12	Molecular association model of PPAR α and its new specific and efficient ligand, pemafibrate: Structural basis for SPPARM α . <i>Biochemical and Biophysical Research Communications</i> , 2018, 499, 239-245.	1.0	47
13	CREB3L3 controls fatty acid oxidation and ketogenesis in synergy with PPAR α . <i>Scientific Reports</i> , 2016, 6, 39182.	1.6	45
14	Hepatocyte ELOVL Fatty Acid Elongase 6 Determines Ceramide Acyl-Chain Length and Hepatic Insulin Sensitivity in Mice. <i>Hepatology</i> , 2020, 71, 1609-1625.	3.6	44
15	The Peroxisome Proliferator-Activated Receptor α (PPAR α) Agonist Pemafibrate Protects against Diet-Induced Obesity in Mice. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2148.	1.8	43
16	Effects of K-877, a novel selective PPAR α modulator, on small intestine contribute to the amelioration of hyperlipidemia in low-density lipoprotein receptor knockout mice. <i>Journal of Pharmacological Sciences</i> , 2017, 133, 214-222.	1.1	36
17	Selective peroxisome proliferator-activated receptor α modulator K α 877 efficiently activates the peroxisome proliferator-activated receptor α pathway and improves lipid metabolism in mice. <i>Journal of Diabetes Investigation</i> , 2017, 8, 446-452.	1.1	34
18	Intestinal CREBH overexpression prevents high-cholesterol diet-induced hypercholesterolemia by reducing Npc1l1 expression. <i>Molecular Metabolism</i> , 2016, 5, 1092-1102.	3.0	32

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19	TFE3 regulates muscle metabolic gene expression, increases glycogen stores, and enhances insulin sensitivity in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012, 302, E896-E902.	1.8	31
20	TFE3 Controls Lipid Metabolism in Adipose Tissue of Male Mice by Suppressing Lipolysis and Thermogenesis. <i>Endocrinology</i> , 2013, 154, 3577-3588.	1.4	31
21	Hyperlipidemia and hepatitis in liver-specific CREB3L3 knockout mice generated using a one-step CRISPR/Cas9 system. <i>Scientific Reports</i> , 2016, 6, 27857.	1.6	31
22	Octacosanol and policosanol prevent high-fat diet-induced obesity and metabolic disorders by activating brown adipose tissue and improving liver metabolism. <i>Scientific Reports</i> , 2019, 9, 5169.	1.6	31
23	Association between Lysosomal Dysfunction and Obesity-Related Pathology: A Key Knowledge to Prevent Metabolic Syndrome. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3688.	1.8	30
24	Cathepsin B overexpression induces degradation of perilipin 1 to cause lipid metabolism dysfunction in adipocytes. <i>Scientific Reports</i> , 2020, 10, 634.	1.6	30
25	Elovl6 Deficiency Improves Glycemic Control in Diabetic <i>db/db</i> Mice by Expanding β -Cell Mass and Increasing Insulin Secretory Capacity. <i>Diabetes</i> , 2017, 66, 1833-1846.	0.3	29
26	Critical role of CREB-mediated induction of transforming growth factor β 2 by hepatitis C virus infection in fibrogenic responses in hepatic stellate cells. <i>Hepatology</i> , 2017, 66, 1430-1443.	3.6	23
27	Effect of sodium-glucose cotransporter 2 (SGLT2) inhibition on weight loss is partly mediated by liver-brain-adipose neurocircuitry. <i>Biochemical and Biophysical Research Communications</i> , 2017, 493, 40-45.	1.0	22
28	Glucocorticoid receptor suppresses gene expression of Rev-erb α (Nr1d1) through interaction with the CLOCK complex. <i>FEBS Letters</i> , 2019, 593, 423-432.	1.3	21
29	Identification of human ELOVL5 enhancer regions controlled by SREBP. <i>Biochemical and Biophysical Research Communications</i> , 2015, 465, 857-863.	1.0	20
30	Elucidation of Molecular Mechanism of a Selective PPAR α Modulator, Pemafibrate, through Combinational Approaches of X-ray Crystallography, Thermodynamic Analysis, and First-Principle Calculations. <i>International Journal of Molecular Sciences</i> , 2020, 21, 361.	1.8	20
31	Absence of Elovl6 attenuates steatohepatitis but promotes gallstone formation in a lithogenic diet-fed Ldlr $^{-/-}$ mouse model. <i>Scientific Reports</i> , 2015, 5, 17604.	1.6	20
32	Srebp-1c/Fgf21/Pgc-1 α Axis Regulated by Leptin Signaling in Adipocytes—Possible Mechanism of Caloric Restriction-Associated Metabolic Remodeling of White Adipose Tissue. <i>Nutrients</i> , 2020, 12, 2054.	1.7	19
33	Influence of acute exercise on renalase and its regulatory mechanism. <i>Life Sciences</i> , 2018, 210, 235-242.	2.0	17
34	Exercise training reduces ventricular arrhythmias through restoring calcium handling and sympathetic tone in myocardial infarction mice. <i>Physiological Reports</i> , 2019, 7, e13972.	0.7	17
35	Mitochondrial intermediate peptidase is a novel regulator of sirtuin β activation by caloric restriction. <i>FEBS Letters</i> , 2017, 591, 4067-4073.	1.3	16
36	Predictive ability of current machine learning algorithms for type 2 diabetes mellitus: A meta-analysis. <i>Journal of Diabetes Investigation</i> , 2022, 13, 900-908.	1.1	16

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37	Ablation of Elov6 protects pancreatic islets from high-fat diet-induced impairment of insulin secretion. <i>Biochemical and Biophysical Research Communications</i> , 2014, 450, 318-323.	1.0	15
38	A key role of nuclear factor Y in the refeeding response of fatty acid synthase in adipocytes. <i>FEBS Letters</i> , 2017, 591, 965-978.	1.3	15
39	Dicer has a crucial role in the early stage of adipocyte differentiation, but not in lipid synthesis, in 3T3-L1 cells. <i>Biochemical and Biophysical Research Communications</i> , 2012, 420, 931-936.	1.0	14
40	Transgenic Mice Overexpressing SREBP-1a in Male ob/ob Mice Exhibit Lipodystrophy and Exacerbate Insulin Resistance. <i>Endocrinology</i> , 2018, 159, 2308-2323.	1.4	14
41	Transcriptional co-repressor CtBP2 orchestrates epithelial-mesenchymal transition through a novel transcriptional holocomplex with OCT1. <i>Biochemical and Biophysical Research Communications</i> , 2020, 523, 354-360.	1.0	12
42	CREBH Improves Diet-Induced Obesity, Insulin Resistance, and Metabolic Disturbances by FGF21-Dependent and FGF21-Independent Mechanisms. <i>IScience</i> , 2020, 23, 100930.	1.9	12
43	Enterohepatic Transcription Factor CREB3L3 Protects Atherosclerosis via SREBP Competitive Inhibition. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021, 11, 949-971.	2.3	11
44	WWP1 knockout in mice exacerbates obesity-related phenotypes in white adipose tissue but improves whole-body glucose metabolism. <i>FEBS Open Bio</i> , 2020, 10, 306-315.	1.0	10
45	A candidate functional SNP rs7074440 in TCF7L2 alters gene expression through FOS in hepatocytes. <i>FEBS Letters</i> , 2018, 592, 422-433.	1.3	9
46	Crucial Role of Elov6 in Chondrocyte Growth and Differentiation during Growth Plate Development in Mice. <i>PLoS ONE</i> , 2016, 11, e0159375.	1.1	8
47	Prolonged caloric restriction ameliorates age-related atrophy in slow and fast muscle fibers of rat soleus muscle. <i>Experimental Gerontology</i> , 2021, 154, 111519.	1.2	7
48	Starvation-induced transcription factor CREBH negatively governs body growth by controlling GH signaling. <i>FASEB Journal</i> , 2021, 35, e21663.	0.2	6
49	CtBP2 confers protection against oxidative stress through interactions with NRF1 and NRF2. <i>Biochemical and Biophysical Research Communications</i> , 2021, 562, 146-153.	1.0	5
50	Altered microbiota by a high-fat diet accelerates lethal myeloid hematopoiesis associated with systemic SOCS3 deficiency. <i>IScience</i> , 2021, 24, 103117.	1.9	5
51	Morphological and functional adaptation of pancreatic islet blood vessels to insulin resistance is impaired in diabetic db/db mice. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2022, 1868, 166339.	1.8	4
52	Multisomics analysis of right ventricles in rat models of pulmonary arterial hypertension: Consideration of mitochondrial biogenesis by chrysin. <i>International Journal of Molecular Medicine</i> , 2022, 49, .	1.8	3
53	CREBH Systemically Regulates Lipid Metabolism by Modulating and Integrating Cellular Functions. <i>Nutrients</i> , 2021, 13, 3204.	1.7	2
54	Carrot Consumption Frequency Associated with Reduced BMI and Obesity through the SNP Intermediary rs4445711. <i>Nutrients</i> , 2021, 13, 3478.	1.7	0

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55	CREBH regulation of lipid metabolism through multifaceted functions that improve arteriosclerosis. Journal of Diabetes Investigation, 2022, 13, 1129-1131.	1.1	0