Hitoshi Iwasaki

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Crucial role of a long-chain fatty acid elongase, Elovl6, in obesity-induced insulin resistance. Nature Medicine, 2007, 13, 1193-1202.	30.7	459
2	Skeletal muscle-specific HMC-CoA reductase knockout mice exhibit rhabdomyolysis: A model for statin-induced myopathy. Biochemical and Biophysical Research Communications, 2015, 466, 536-540.	2.1	59
3	Different Effects of Eicosapentaenoic and Docosahexaenoic Acids on Atherogenic High-Fat Diet-Induced Non-Alcoholic Fatty Liver Disease in Mice. PLoS ONE, 2016, 11, e0157580.	2.5	50
4	CREB3L3 controls fatty acid oxidation and ketogenesis in synergy with PPARα. Scientific Reports, 2016, 6, 39182.	3.3	45
5	Hepatocyte ELOVL Fatty Acid Elongase 6 Determines Ceramide Acylâ€Chain Length and Hepatic Insulin Sensitivity in Mice. Hepatology, 2020, 71, 1609-1625.	7.3	44
6	The Peroxisome Proliferator-Activated Receptor α (PPARα) Agonist Pemafibrate Protects against Diet-Induced Obesity in Mice. International Journal of Molecular Sciences, 2018, 19, 2148.	4.1	43
7	Selective peroxisome proliferatorâ€activated receptorâ€Î± modulator Kâ€877 efficiently activates the peroxisome proliferatorâ€activated receptorâ€Î± pathway and improves lipid metabolism in mice. Journal of Diabetes Investigation, 2017, 8, 446-452.	2.4	34
8	Macrophage Elovl6 Deficiency Ameliorates Foam Cell Formation and Reduces Atherosclerosis in Low-Density Lipoprotein Receptor-Deficient Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 1973-1979.	2.4	32
9	Intestinal CREBH overexpression prevents high-cholesterol diet-induced hypercholesterolemia by reducing Npc111 expression. Molecular Metabolism, 2016, 5, 1092-1102.	6.5	32
10	TFE3 regulates muscle metabolic gene expression, increases glycogen stores, and enhances insulin sensitivity in mice. American Journal of Physiology - Endocrinology and Metabolism, 2012, 302, E896-E902.	3.5	31
11	Hyperlipidemia and hepatitis in liver-specific CREB3L3 knockout mice generated using a one-step CRISPR/Cas9 system. Scientific Reports, 2016, 6, 27857.	3.3	31
12	Octacosanol and policosanol prevent high-fat diet-induced obesity and metabolic disorders by activating brown adipose tissue and improving liver metabolism. Scientific Reports, 2019, 9, 5169.	3.3	31
13	Elovl6 Deficiency Improves Glycemic Control in Diabetic <i>db</i> / <i>db</i> Mice by Expanding β-Cell Mass and Increasing Insulin Secretory Capacity. Diabetes, 2017, 66, 1833-1846.	0.6	29
14	Effect of sodium-glucose cotransporter 2 (SGLT2) inhibition on weight loss is partly mediated by liver-brain-adipose neurocircuitry. Biochemical and Biophysical Research Communications, 2017, 493, 40-45.	2.1	22
15	Glucocorticoid receptor suppresses gene expression of Revâ€erbα (Nr1d1) through interaction with the <scp>CLOCK</scp> complex. FEBS Letters, 2019, 593, 423-432.	2.8	21
16	Identification of human ELOVL5 enhancer regions controlled by SREBP. Biochemical and Biophysical Research Communications, 2015, 465, 857-863.	2.1	20
17	Absence of Elovl6 attenuates steatohepatitis but promotes gallstone formation in a lithogenic diet-fed Ldlrâ~'/â~' mouse model. Scientific Reports, 2015, 5, 17604.	3.3	20
18	Ablation of Elovl6 protects pancreatic islets from high-fat diet-induced impairment of insulin secretion. Biochemical and Biophysical Research Communications, 2014, 450, 318-323.	2.1	15

ΗΙΤΟSHI ΙWASAKI

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19	Transgenic Mice Overexpressing SREBP-1a in Male ob/ob Mice Exhibit Lipodystrophy and Exacerbate Insulin Resistance. Endocrinology, 2018, 159, 2308-2323.	2.8	14
20	Transcriptional co-repressor CtBP2 orchestrates epithelial-mesenchymal transition through a novel transcriptional holocomplex with OCT1. Biochemical and Biophysical Research Communications, 2020, 523, 354-360.	2.1	12
21	CREBH Improves Diet-Induced Obesity, Insulin Resistance, and Metabolic Disturbances by FGF21-Dependent and FGF21-Independent Mechanisms. IScience, 2020, 23, 100930.	4.1	12
22	Malondialdehyde-modified LDL-related variables are associated with diabetic kidney disease in type 2 diabetes. Diabetes Research and Clinical Practice, 2018, 141, 237-243.	2.8	11
23	Enterohepatic Transcription Factor CREB3L3 Protects Atherosclerosis via SREBP Competitive Inhibition. Cellular and Molecular Gastroenterology and Hepatology, 2021, 11, 949-971.	4.5	11
24	A candidate functional <scp>SNP</scp> rs7074440 in <i><scp>TCF</scp>7L2</i> alters gene expression through Câ€ <scp>FOS</scp> in hepatocytes. FEBS Letters, 2018, 592, 422-433.	2.8	9
25	Relationships between Cognitive Function and Odor Identification, Balance Capability, and Muscle Strength in Middle-Aged Persons with and without Type 2 Diabetes. Journal of Diabetes Research, 2021, 2021, 1-14.	2.3	7
26	Circulating Malondialdehyde-Modified LDL-Related Variables and Coronary Artery Stenosis in Asymptomatic Patients with Type 2 Diabetes. Journal of Diabetes Research, 2015, 2015, 1-8.	2.3	6
27	CtBP2 confers protection against oxidative stress through interactions with NRF1 and NRF2. Biochemical and Biophysical Research Communications, 2021, 562, 146-153.	2.1	5
28	Morphological and functional adaptation of pancreatic islet blood vessels to insulin resistance is impaired in diabetic db/db mice. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2022, 1868, 166339.	3.8	4
29	A case of leprechaunism with chromosome abnormality (46, XX, der(21), t(3; 21)(q26 or 27; q22)pat). Japanese Journal of Human Genetics, 1978, 23, 145-151.	0.8	3
30	Deciphering genetic signatures by whole exome sequencing in a case of co-prevalence of severe renal hypouricemia and diabetes with impaired insulin secretion. BMC Medical Genetics, 2020, 21, 91.	2.1	3
31	A Rare Coexistence of Pheochromocytoma and Parkinson's Disease With Diagnostic Challenges. Internal Medicine, 2018, 57, 979-985.	0.7	2
32	Serial transplantation of HMG cells into nude mouse. Nihon Koku Geka Gakkai Zasshi, 1983, 29, 1-9.	0.0	1
33	Two Cases of 18 Trisomy. Juntendol̀,, Igaku, 1976, 22, 444-449.	0.1	Ο
34	Medical Examination and Treatment of Delayed Speech in Childhood. Juntendol̀,, Igaku, 1977, 23, 415-419.	0.1	0
35	Cultivation of metastatic cells in pleural fluid in the case of malignant melanoma of the upper anterior gingiva. Nihon Koku Geka Gakkai Zasshi, 1981, 27, 331-336.	0.0	Ο
36	A case of denture fibroma with progressive systemic sclerosis Nihon Koku Geka Gakkai Zasshi, 1986, 32, 1832-1838.	0.0	0

#	Article	IF	CITATIONS
37	Experimental study as to the change of micro-structure in human malignant melanoma from gingiva cell by various antitumor agents and the antitumor effect Nihon Koku Geka Gakkai Zasshi, 1989, 35, 325-340.	0.0	0
38	7 Cases of Chromosomal aberration. JuntendoÌ,, Igaku, 1973, 19, 447-457.	0.1	0