

Hitoshi Iwasaki

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

1,119
citations

471371

17
h-index

395590

33
g-index

40
all docs

40
docs citations

40
times ranked

2123
citing authors

#	ARTICLE	IF	CITATIONS
1	Crucial role of a long-chain fatty acid elongase, Elovl6, in obesity-induced insulin resistance. <i>Nature Medicine</i> , 2007, 13, 1193-1202.	15.2	459
2	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
3	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
4	CREB3L3 controls fatty acid oxidation and ketogenesis in synergy with PPAR α . <i>Scientific Reports</i> , 2016, 6, 39182.	1.6	45
5	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
6	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
7	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
8	Macrophage Elovl6 Deficiency Ameliorates Foam Cell Formation and Reduces Atherosclerosis in Low-Density Lipoprotein Receptor-Deficient Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 1973-1979.	1.1	32
9	Intestinal CREBH overexpression prevents high-cholesterol diet-induced hypercholesterolemia by reducing Npc1l1 expression. <i>Molecular Metabolism</i> , 2016, 5, 1092-1102.	3.0	32
10	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
11	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
12	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
13	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
14	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
15	Glucocorticoid receptor suppresses gene expression of Rev α (Nr1d1) through interaction with the CLOCK complex. <i>FEBS Letters</i> , 2019, 593, 423-432.	1.3	21
16	Identification of human ELOVL5 enhancer regions controlled by SREBP. <i>Biochemical and Biophysical Research Communications</i> , 2015, 465, 857-863.	1.0	20
17	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
18	Ablation of Elovl6 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

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19	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
20	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
21	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
22	Malondialdehyde-modified LDL-related variables are associated with diabetic kidney disease in type 2 diabetes. <i>Diabetes Research and Clinical Practice</i> , 2018, 141, 237-243.	1.1	11
23	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
24	A candidate functional <scp>SNP</scp> rs7074440 in <i><scp>TCF</scp>7L2</i> alters gene expression through <scp>FOS</scp> in hepatocytes. <i>FEBS Letters</i> , 2018, 592, 422-433.	1.3	9
25	Relationships between Cognitive Function and Odor Identification, Balance Capability, and Muscle Strength in Middle-Aged Persons with and without Type 2 Diabetes. <i>Journal of Diabetes Research</i> , 2021, 2021, 1-14.	1.0	7
26	Circulating Malondialdehyde-Modified LDL-Related Variables and Coronary Artery Stenosis in Asymptomatic Patients with Type 2 Diabetes. <i>Journal of Diabetes Research</i> , 2015, 2015, 1-8.	1.0	6
27	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
28	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
29	A case of leprechaunism with chromosome abnormality (46, XX, der(21), t(3; 21)(q26 or 27; q22)pat). <i>Japanese Journal of Human Genetics</i> , 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. <i>BMC Medical Genetics</i> , 2020, 21, 91.	2.1	3
31	A Rare Coexistence of Pheochromocytoma and Parkinson's Disease With Diagnostic Challenges. <i>Internal Medicine</i> , 2018, 57, 979-985.	0.3	2
32	Serial transplantation of HMG cells into nude mouse. <i>Nihon Koku Geka Gakkai Zasshi</i> , 1983, 29, 1-9.	0.0	1
33	Two Cases of 18 Trisomy. <i>Juntendoì, Igaku</i> , 1976, 22, 444-449.	0.1	0
34	Medical Examination and Treatment of Delayed Speech in Childhood. <i>Juntendoì, Igaku</i> , 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. <i>Nihon Koku Geka Gakkai Zasshi</i> , 1981, 27, 331-336.	0.0	0
36	A case of denture fibroma with progressive systemic sclerosis.. <i>Nihon Koku Geka Gakkai Zasshi</i> , 1986, 32, 1832-1838.	0.0	0

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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. Juntendō, Igaku, 1973, 19, 447-457.	0.1	0