Motohiro Sekiya

List of Publications by Year
in descending order

34 papers	923 citations	516561 16 h-index	477173 29 g-index
36 all docs	36 docs citations	36 times ranked	1635 citing authors

#	Article	IF	Citations
1	SREBP-1-independent regulation of lipogenic gene expression in adipocytes. Journal of Lipid Research, 2007, 48, 1581-1591.	2.0	111
2	KLF15 Enables Rapid Switching between Lipogenesis and Gluconeogenesis during Fasting. Cell Reports, 2016, 16, 2373-2386.	2.9	94
3	Ablation of Neutral Cholesterol Ester Hydrolase 1 Accelerates Atherosclerosis. Cell Metabolism, 2009, 10, 219-228.	7.2	93
4	Absence of Hormone-sensitive Lipase Inhibits Obesity and Adipogenesis in Lep Mice. Journal of Biological Chemistry, 2004, 279, 15084-15090.	1.6	55
5	Hormone-sensitive lipase is involved in hepatic cholesteryl ester hydrolysis. Journal of Lipid Research, 2008, 49, 1829-1838.	2.0	51
6	Molecular association model of PPARÎ± and its new specific and efficient ligand, pemafibrate: Structural basis for SPPARMÎ±. Biochemical and Biophysical Research Communications, 2018, 499, 239-245.	1.0	47
7	Hepatocyte ELOVL Fatty Acid Elongase 6 Determines Ceramide Acylâ€Chain Length and Hepatic Insulin Sensitivity in Mice. Hepatology, 2020, 71, 1609-1625.	3.6	44
8	The Peroxisome Proliferator-Activated Receptor Î± (PPARÎ±) Agonist Pemafibrate Protects against Diet-Induced Obesity in Mice. International Journal of Molecular Sciences, 2018, 19, 2148.	1.8	43
9	Effects of K-877, a novel selective PPARÎ± modulator, on small intestine contribute to the amelioration of hyperlipidemia in low-density lipoprotein receptor knockout mice. Journal of Pharmacological Sciences, 2017, 133, 214-222.	1.1	36
10	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.	1.1	34
11	Critical role of neutral cholesteryl ester hydrolase 1 in cholesteryl ester hydrolysis in murine macrophages. Journal of Lipid Research, 2014, 55, 2033-2040.	2.0	33
12	Intestinal CREBH overexpression prevents high-cholesterol diet-induced hypercholesterolemia by reducing Npc1l1 expression. Molecular Metabolism, 2016, 5, 1092-1102.	3.0	32
13	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.	1.6	31
14	Elovl6 Deficiency Improves Glycemic Control in Diabetic <i>db</i>/<i>db</i> Mice by Expanding Î²-Cell Mass and Increasing Insulin Secretory Capacity. Diabetes, 2017, 66, 1833-1846.	0.3	29
15	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.	1.0	22
16	Glucocorticoid receptor suppresses gene expression of Revâ€erbÎ± (Nr1d1) through interaction with the <scp>CLOCK</scp> complex. FEBS Letters, 2019, 593, 423-432.	1.3	21
17	A key role of nuclear factor Y in the refeeding response of fatty acid synthase in adipocytes. FEBS Letters, 2017, 591, 965-978.	1.3	15
18	Plasma cholesterol-lowering and transient liver dysfunction in mice lacking squalene synthase in the liver. Journal of Lipid Research, 2015, 56, 998-1005.	2.0	14

#	Article	IF	Citations
19	Transgenic Mice Overexpressing SREBP-1a in Male ob/ob Mice Exhibit Lipodystrophy and Exacerbate Insulin Resistance. Endocrinology, 2018, 159, 2308-2323.	1.4	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.	1.0	12
21	CREBH Improves Diet-Induced Obesity, Insulin Resistance, and Metabolic Disturbances by FGF21-Dependent and FGF21-Independent Mechanisms. IScience, 2020, 23, 100930.	1.9	12
22	The transcriptional corepressor CtBP2 serves as a metabolite sensor orchestrating hepatic glucose and lipid homeostasis. Nature Communications, 2021, 12, 6315.	5.8	12
23	Malondialdehyde-modified LDL-related variables are associated with diabetic kidney disease in type 2 diabetes. Diabetes Research and Clinical Practice, 2018, 141, 237-243.	1.1	11
24	Rapid manipulation of mitochondrial morphology in a living cell with iCMM. Cell Reports Methods, 2021, 1, 100052.	1.4	10
25	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.	1.3	9
26	Hormone-sensitive lipase deficiency suppresses insulin secretion from pancreatic islets of Lep/ mice. Biochemical and Biophysical Research Communications, 2009, 387, 511-515.	1.0	8
27	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.	1.0	7
28	Starvationâ€induced transcription factor CREBH negatively governs body growth by controlling GH signaling. FASEB Journal, 2021, 35, e21663.	0.2	6
29	CtBP2 confers protection against oxidative stress through interactions with NRF1 and NRF2. Biochemical and Biophysical Research Communications, 2021, 562, 146-153.	1.0	5
30	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.	1.8	4
31	Loss of ACAT1 Attenuates Atherosclerosis Aggravated by Loss of NCEH1 in Bone Marrow-Derived Cells. Journal of Atherosclerosis and Thrombosis, 2019, 26, 246-259.	0.9	3
32	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
33	A Rare Coexistence of Pheochromocytoma and Parkinson's Disease With Diagnostic Challenges. Internal Medicine, 2018, 57, 979-985.	0.3	2
34	Computational design and molecular mechanism in oligomerization of Câ€terminal binding protein 2. FASEB Journal, 2018, 32, 798.22.	0.2	0