

Takeshi Inagaki

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

7,521
citations

257450

24
h-index

289244

40
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42
all docs

42
docs citations

42
times ranked

9675
citing authors

#	ARTICLE	IF	CITATIONS
1	Fibroblast growth factor 15 functions as an enterohepatic signal to regulate bile acid homeostasis. <i>Cell Metabolism</i> , 2005, 2, 217-225.	16.2	1,514
2	Endocrine Regulation of the Fasting Response by PPAR α -Mediated Induction of Fibroblast Growth Factor 21. <i>Cell Metabolism</i> , 2007, 5, 415-425.	16.2	1,306
3	Regulation of antibacterial defense in the small intestine by the nuclear bile acid receptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 3920-3925.	7.1	945
4	FGF21 induces PGC-1 α and regulates carbohydrate and fatty acid metabolism during the adaptive starvation response. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 10853-10858.	7.1	605
5	Differential regulation of bile acid homeostasis by the farnesoid X receptor in liver and intestine. <i>Journal of Lipid Research</i> , 2007, 48, 2664-2672.	4.2	473
6	Molecular Insights into the Klotho-Dependent, Endocrine Mode of Action of Fibroblast Growth Factor 19 Subfamily Members. <i>Molecular and Cellular Biology</i> , 2007, 27, 3417-3428.	2.3	457
7	Inhibition of Growth Hormone Signaling by the Fasting-Induced Hormone FGF21. <i>Cell Metabolism</i> , 2008, 8, 77-83.	16.2	353
8	Transcriptional and epigenetic control of brown and beige adipose cell fate and function. <i>Nature Reviews Molecular Cell Biology</i> , 2016, 17, 480-495.	37.0	243
9	Dynamic Change of Chromatin Conformation in Response to Hypoxia Enhances the Expression of GLUT3 (SLC2A3) by Cooperative Interaction of Hypoxia-Inducible Factor 1 and KDM3A. <i>Molecular and Cellular Biology</i> , 2012, 32, 3018-3032.	2.3	230
10	H3K4/H3K9me3 Bivalent Chromatin Domains Targeted by Lineage-Specific DNA Methylation Pauses Adipocyte Differentiation. <i>Molecular Cell</i> , 2015, 60, 584-596.	9.7	180
11	Obesity and metabolic syndrome in histone demethylase JHDM2a-deficient mice. <i>Genes To Cells</i> , 2009, 14, 991-1001.	1.2	167
12	FXR agonists and FGF15 reduce fecal bile acid excretion in a mouse model of bile acid malabsorption. <i>Journal of Lipid Research</i> , 2007, 48, 2693-2700.	4.2	97
13	Overexpression of pyruvate dehydrogenase kinase 4 in heart perturbs metabolism and exacerbates calcineurin-induced cardiomyopathy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008, 294, H936-H943.	3.2	93
14	Role of histone methylation and demethylation in adipogenesis and obesity. <i>Organogenesis</i> , 2010, 6, 24-32.	1.2	90
15	Fasting-Induced Hypothermia and Reduced Energy Production in Mice Lacking Acetyl-CoA Synthetase 2. <i>Cell Metabolism</i> , 2009, 9, 191-202.	16.2	88
16	JMJD1A is a signal-sensing scaffold that regulates acute chromatin dynamics via SWI/SNF association for thermogenesis. <i>Nature Communications</i> , 2015, 6, 7052.	12.8	87
17	Transcriptome Analysis of K-877 (a Novel Selective PPAR α Modulator (SPPARM α))-Regulated Genes in Primary Human Hepatocytes and the Mouse Liver. <i>Journal of Atherosclerosis and Thrombosis</i> , 2015, 22, 754-772.	2.0	81
18	Histone demethylase JMJD1A coordinates acute and chronic adaptation to cold stress via thermogenic phospho-switch. <i>Nature Communications</i> , 2018, 9, 1566.	12.8	68

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19	Bacteroides spp. promotes branched-chain amino acid catabolism in brown fat and inhibits obesity. <i>IScience</i> , 2021, 24, 103342.	4.1	58
20	Partial Resistance to Peroxisome Proliferator-Activated Receptor- α Agonists in ZDF Rats Is Associated With Defective Hepatic Mitochondrial Metabolism. <i>Diabetes</i> , 2008, 57, 2012-2021.	0.6	51
21	Nicotinamide Adenine Dinucleotide Phosphate-Dependent Cytosolic T3 Binding Protein as a Regulator for T3-Mediated Transactivation. <i>Endocrinology</i> , 2002, 143, 1538-1544.	2.8	45
22	Research Perspectives on the Regulation and Physiological Functions of FGF21 and its Association with NAFLD. <i>Frontiers in Endocrinology</i> , 2015, 6, 147.	3.5	42
23	The FBXL10/KDM2B Scaffolding Protein Associates with Novel Polycomb Repressive Complex-1 to Regulate Adipogenesis. <i>Journal of Biological Chemistry</i> , 2015, 290, 4163-4177.	3.4	33
24	PPAR α activation of CD300a controls intestinal immunity. <i>Scientific Reports</i> , 2014, 4, 5412.	3.3	24
25	Deadenylase-dependent mRNA decay of GDF15 and FGF21 orchestrates food intake and energy expenditure. <i>Cell Metabolism</i> , 2022, 34, 564-580.e8.	16.2	21
26	A kindred with Cockayne syndrome caused by multiple splicing variants of the CSA gene. <i>American Journal of Medical Genetics Part A</i> , 2004, 128A, 67-71.	2.4	19
27	PPAR α activation directly upregulates thrombomodulin in the diabetic retina. <i>Scientific Reports</i> , 2020, 10, 10837.	3.3	18
28	The Retinoic Acid-responsive Proline-rich Protein Is Identified in Promyeloleukemic HL-60 Cells. <i>Journal of Biological Chemistry</i> , 2003, 278, 51685-51692.	3.4	17
29	Cell-specific expression of NADPH-dependent cytosolic 3,5,3'-triiodo-L-thyronine-binding protein (p38CTBP). <i>European Journal of Endocrinology</i> , 2003, 148, 259-268.	3.7	16
30	Fulminant Diabetes Mellitus Associated with Pregnancy: Case Reports and Literature Review.. <i>Endocrine Journal</i> , 2002, 49, 319-322.	1.6	14
31	Epigenetic regulation of beige adipocyte fate by histone methylation. <i>Endocrine Journal</i> , 2019, 66, 115-125.	1.6	12
32	T1R3 homomeric sweet taste receptor regulates adipogenesis through G β s-mediated microtubules disassembly and Rho activation in 3T3-L1 cells. <i>PLoS ONE</i> , 2017, 12, e0176841.	2.5	12
33	Spatiotemporal dynamics of SETD5-containing NCoR-HDAC3 complex determines enhancer activation for adipogenesis. <i>Nature Communications</i> , 2021, 12, 7045.	12.8	10
34	Histone demethylases regulate adipocyte thermogenesis. <i>Diabetology International</i> , 2018, 9, 215-223.	1.4	7
35	Regulations of Adipocyte Phenotype and Obesity by IRX3. Positive or Negative?. <i>EBioMedicine</i> , 2017, 24, 7-8.	6.1	6
36	Ubiquitination-dependent and -independent repression of target genes by SETDB1 reveal a context-dependent role for its methyltransferase activity during adipogenesis. <i>Genes To Cells</i> , 2021, 26, 513-529.	1.2	6

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37	T1R3 homomeric sweet taste receptor negatively regulates insulin-induced glucose transport through Gl α s-mediated microtubules disassembly in 3T3-L1 adipocytes. Endocrine Journal, 2022, 69, 487-493.	1.6	3
38	An Ectopic ACTH-Producing Carcinoid Tumor Localized by the Measurement of ACTH in the Bronchial Lavage.. Endocrine Journal, 2001, 48, 363-367.	1.6	2
39	Metabolic Responses to Energy-Depleted Conditions. , 0, , .		0