

Tetsuya Adachi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5146417/publications.pdf>

Version: 2024-02-01

65
papers

4,322
citations

172386

29
h-index

106281

65
g-index

65
all docs

65
docs citations

65
times ranked

5426
citing authors

#	ARTICLE	IF	CITATIONS
1	Androgen Receptor Silences Thioredoxin-interacting Protein and Competitively Inhibits Glucocorticoid Receptor-Mediated Apoptosis in Pancreatic β -Cells. <i>Journal of Cellular Biochemistry</i> , 2015, 116, 998-1006.	1.2	19
2	Hyperoxia reverses glucotoxicity-induced inhibition of insulin secretion in rat INS-1 β cells. <i>Bioscience, Biotechnology and Biochemistry</i> , 2014, 78, 843-850.	0.6	10
3	S-Equal Enantioselectively Activates cAMP-Protein Kinase A Signaling and Reduces Alloxan-Induced Cell Death in INS-1 Pancreatic β -Cells. <i>Journal of Nutritional Science and Vitaminology</i> , 2014, 60, 291-296.	0.2	23
4	Intrinsic left atrial histoanatomy as the basis for reentrant excitation causing atrial fibrillation/flutter in rats. <i>Heart Rhythm</i> , 2013, 10, 1342-1348.	0.3	13
5	β -tocotrienol attenuates TNF α -induced changes in secretion and gene expression of MCP-1, IL-6 and adiponectin in 3T3-L1 adipocytes. <i>Molecular Medicine Reports</i> , 2012, 5, 905-909.	1.1	48
6	Structure-Activity Relationships of GPR120 Agonists Based on a Docking Simulation. <i>Molecular Pharmacology</i> , 2010, 78, 804-810.	1.0	88
7	Association of estrogen receptor α gene polymorphisms with cardiac autonomic nervous activity in healthy young Japanese males. <i>Clinica Chimica Acta</i> , 2010, 411, 505-509.	0.5	6
8	Efficient production of infectious hepatitis C virus with adaptive mutations in cultured hepatoma cells. <i>Journal of General Virology</i> , 2009, 90, 1681-1691.	1.3	46
9	Cobalamin deficiency results in an abnormal increase in-methylmalonyl-co-enzyme-A mutase expression in rat liver and COS-7 cells. <i>British Journal of Nutrition</i> , 2009, 101, 492-498.	1.2	9
10	Novel selective ligands for free fatty acid receptors GPR120 and GPR40. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2009, 380, 247-255.	1.4	123
11	HCV replication suppresses cellular glucose uptake through down-regulation of cell surface expression of glucose transporters. <i>Journal of Hepatology</i> , 2009, 50, 883-894.	1.8	70
12	Association of UCP2 and UCP3 polymorphisms with heart rate variability in Japanese men. <i>Journal of Hypertension</i> , 2009, 27, 305-313.	0.3	21
13	Free fatty acids induce cholecystokinin secretion through GPR120. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2008, 377, 523-527.	1.4	230
14	Cloning and characterization of the rat free fatty acid receptor GPR120: in vivo effect of the natural ligand on GLP-1 secretion and proliferation of pancreatic β cells. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2008, 377, 515-522.	1.4	104
15	GLUCOSE REGULATION OF DIPEPTIDYL PEPTIDASE IV GENE EXPRESSION IS MEDIATED BY HEPATOCYTE NUCLEAR FACTOR κ B IN EPITHELIAL INTESTINAL CELLS. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2008, 35, 1433-1439.	0.9	30
16	Hepatitis C Virus Infection Induces Apoptosis through a Bax-Triggered, Mitochondrion-Mediated, Caspase 3-Dependent Pathway. <i>Journal of Virology</i> , 2008, 82, 10375-10385.	1.5	150
17	Administration of Perilla Oil Coated with Calshell Increases Glucagon-Like Peptide Secretion. <i>Biological and Pharmaceutical Bulletin</i> , 2008, 31, 1021-1023.	0.6	6
18	Free Fatty Acid Receptors and Drug Discovery. <i>Biological and Pharmaceutical Bulletin</i> , 2008, 31, 1847-1851.	0.6	134

#	ARTICLE	IF	CITATIONS
19	Pharmacogenomics of Cardiovascular Pharmacology: Development of an Informatics System for Analysis of DNA Microarray Data With a Focus on Lipid Metabolism. <i>Journal of Pharmacological Sciences</i> , 2008, 107, 1-7.	1.1	6
20	Association of β^2 -adrenoceptor polymorphisms with cardiac autonomic modulation in Japanese males. <i>American Heart Journal</i> , 2007, 154, 759-766.	1.2	21
21	HNF-1 α participates in glucose regulation of sucrase α isomaltase gene expression in epithelial intestinal cells. <i>Biochemical and Biophysical Research Communications</i> , 2007, 353, 617-622.	1.0	13
22	The regulation of adipogenesis through GPR120. <i>Biochemical and Biophysical Research Communications</i> , 2007, 354, 591-597.	1.0	220
23	Identification of Endocrine Disruptor Biodegradation by Integration of Structure α activity Relationship with Pathway Analysis. <i>Environmental Science & Technology</i> , 2007, 41, 7997-8003.	4.6	12
24	Effects of hyperbaric exposure with high oxygen concentration on glucose and insulin levels and skeletal muscle-fiber properties in diabetic rats. <i>Muscle and Nerve</i> , 2007, 35, 337-343.	1.0	36
25	Fibre type distribution and gene expression levels of both succinate dehydrogenase and peroxisome proliferator-activated receptor- β coactivator-1 α of fibres in the soleus muscle of Zucker diabetic fatty rats. <i>Experimental Physiology</i> , 2007, 92, 449-455.	0.9	30
26	Alpha-adrenoceptor gene variants and autonomic nervous system function in a young healthy Japanese population. <i>Journal of Human Genetics</i> , 2007, 52, 28-37.	1.1	12
27	Effect of Exposure to High Isoflavone-Containing Diets on Prenatal and Postnatal Offspring Mice. <i>Bioscience, Biotechnology and Biochemistry</i> , 2006, 70, 2874-2882.	0.6	29
28	Free fatty acids administered into the colon promote the secretion of glucagon-like peptide-1 and insulin. <i>Biochemical and Biophysical Research Communications</i> , 2006, 340, 332-337.	1.0	38
29	Mutant HNF-1 α and mutant HNF-1 β identified in MODY3 and MODY5 downregulate DPP-IV gene expression in Caco-2 cells. <i>Biochemical and Biophysical Research Communications</i> , 2006, 346, 1016-1023.	1.0	7
30	Adrenergic receptor polymorphisms and autonomic nervous system function in human obesity. <i>Trends in Endocrinology and Metabolism</i> , 2006, 17, 269-275.	3.1	29
31	Abnormal Increase in the Expression Level of Proliferating Cell Nuclear Antigen (PCNA) in the Liver and Hepatic Injury in Rats with Dietary Cobalamin Deficiency. <i>Journal of Nutritional Science and Vitaminology</i> , 2006, 52, 168-173.	0.2	6
32	Sucrase-Isomaltase Gene Expression Is Inhibited by Mutant Hepatocyte Nuclear Factor (HNF)-1.ALPHA. and Mutant HNF-1.BETA. in Caco-2 Cells. <i>Journal of Nutritional Science and Vitaminology</i> , 2006, 52, 105-112.	0.2	11
33	Neonatal administration of diethylstilbestrol has adverse effects on somatic cells rather than germ cells. <i>Reproductive Toxicology</i> , 2006, 22, 746-753.	1.3	4
34	V1a vasopressin receptors maintain normal blood pressure by regulating circulating blood volume and baroreflex sensitivity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 7807-7812.	3.3	149
35	Identification and Characterization of Novel and Unknown Mouse Epididymis-Specific Genes by Complementary DNA Microarray Technology1. <i>Biology of Reproduction</i> , 2006, 75, 462-468.	1.2	16
36	Genetic Variation in the Renin-Angiotensin System and Autonomic Nervous System Function in Young Healthy Japanese Subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006, 91, 4676-4681.	1.8	21

#	ARTICLE	IF	CITATIONS
37	Association of increased type I collagen expression and relative stromal overgrowth in mouse epididymis neonatally exposed to diethylstilbestrol. <i>Molecular Reproduction and Development</i> , 2005, 72, 291-298.	1.0	18
38	Free fatty acids regulate gut incretin glucagon-like peptide-1 secretion through GPR120. <i>Nature Medicine</i> , 2005, 11, 90-94.	15.2	1,298
39	Effects of Sulfasalazine on Sperm Acrosome Reaction and Gene Expression in the Male Reproductive Organs of Rats. <i>Toxicological Sciences</i> , 2005, 85, 675-682.	1.4	31
40	Inhibition of protein kinase CK2 prevents the progression of glomerulonephritis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 7736-7741.	3.3	82
41	Comprehensive analysis of the effect of phytoestrogen, daidzein, on a testicular cell line, using mRNA and protein expression profile. <i>Food and Chemical Toxicology</i> , 2005, 43, 529-535.	1.8	17
42	Promoting insulin secretion in pancreatic islets by means of bisphenol A and nonylphenol via intracellular estrogen receptors. <i>Food and Chemical Toxicology</i> , 2005, 43, 713-719.	1.8	62
43	Bisphenol A affects glucose transport in mouse 3T3-F442A adipocytes. <i>British Journal of Pharmacology</i> , 2004, 141, 209-214.	2.7	145
44	Gene expression analysis of the rat testis after treatment with di(2-ethylhexyl) phthalate using cDNA microarray and real-time RT-PCR. <i>Toxicology and Applied Pharmacology</i> , 2004, 200, 103-110.	1.3	31
45	Toxicogenomic difference between diethylstilbestrol and 17 β -estradiol in mouse testicular gene expression by neonatal exposure. <i>Molecular Reproduction and Development</i> , 2004, 67, 19-25.	1.0	25
46	Effect of neonatal exposure to diethylstilbestrol on testicular gene expression in adult mouse: comprehensive analysis with cDNA subtraction method. <i>Journal of Developmental and Physical Disabilities</i> , 2004, 27, 115-122.	3.6	8
47	Long-term alteration of gene expression without morphological change in testis after neonatal exposure to genistein in mice: toxicogenomic analysis using cDNA microarray. <i>Food and Chemical Toxicology</i> , 2004, 42, 445-452.	1.8	59
48	Effect of mutations in HNF-1 α and HNF-1 β on the transcriptional regulation of human sucrase-isomaltase in Caco-2 cells. <i>Biochemical and Biophysical Research Communications</i> , 2004, 325, 308-313.	1.0	9
49	Percoll fractionation of adult mouse spermatogonia improves germ cell transplantation. <i>Asian Journal of Andrology</i> , 2004, 6, 93-8.	0.8	6
50	ADAM7 (a disintegrin and metalloprotease 7) mRNA is suppressed in mouse epididymis by neonatal exposure to Diethylstilbestrol. <i>Molecular Reproduction and Development</i> , 2003, 64, 414-421.	1.0	9
51	Effect of UV screens and preservatives on vitellogenin and choriogenin production in male medaka (<i>Oryzias latipes</i>). <i>Toxicology</i> , 2003, 194, 43-50.	2.0	175
52	Morphological Changes and Increased Sucrase and Isomaltase Activity in Small Intestines of Insulin-Deficient and Type 2 Diabetic Rats. <i>Endocrine Journal</i> , 2003, 50, 271-279.	0.7	74
53	Beneficial Effect Of T-1095, A Selective Inhibitor Of Renal Na ⁺ -Glucose Cotransporters, On Metabolic Index And Insulin Secretion In Spontaneously Diabetic Gk Rats. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2002, 29, 386-390.	0.9	27
54	Toxicogenomic effects of neonatal exposure to diethylstilbestrol on mouse testicular gene expression in the long term: A study using cDNA microarray analysis. <i>Molecular Reproduction and Development</i> , 2002, 63, 17-23.	1.0	19

#	ARTICLE	IF	CITATIONS
55	Neonatal Exposure to Genistein Reduces Expression of Estrogen Receptor Alpha and Androgen Receptor in Testes of Adult Mice.. <i>Endocrine Journal</i> , 2001, 48, 655-663.	0.7	42
56	Growth-Related Changes in Skeletal Muscle Fiber Type and Insulin Resistance in Diabetic Otsuka Long-Evans Tokushima Fatty Rats.. <i>Acta Histochemica Et Cytochemica</i> , 2001, 34, 371-382.	0.8	30
57	Correction of Hyperglycemia and Insulin Sensitivity by T-1095, an Inhibitor of Renal Na ⁺ -Glucose Cotransporters, in Streptozotocin-Induced Diabetic Rats. <i>The Japanese Journal of Pharmacology</i> , 2000, 84, 351-354.	1.2	21
58	Antihyperglycemic Effect of T-1095 via Inhibition of Renal Na ⁺ -Glucose Cotransporters in Streptozotocin-Induced Diabetic Rats.. <i>Biological and Pharmaceutical Bulletin</i> , 2000, 23, 1434-1437.	0.6	29
59	Wortmannin, a PI3-Kinase Inhibitor: Promoting Effect on Insulin Secretion from Pancreatic β^2 Cells through a cAMP-Dependent Pathway. <i>Biochemical and Biophysical Research Communications</i> , 2000, 270, 798-805.	1.0	29
60	T-1095, a renal Na ⁺ -glucose transporter inhibitor, improves hyperglycemia in streptozotocin-induced diabetic rats. <i>Metabolism: Clinical and Experimental</i> , 2000, 49, 990-995.	1.5	74
61	Antioxidant α -tocopherol ameliorates glycemic control of GK rats, a model of type 2 diabetes. <i>FEBS Letters</i> , 2000, 473, 24-26.	1.3	110
62	The Association between Trp ⁶⁴ Arg Polymorphism of the β^3 -Adrenergic Receptor and Autonomic Nervous System Activity ¹ . <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999, 84, 1623-1627.	1.8	37
63	Nisoldipine improves the impaired erythrocyte deformability correlating with elevated intracellular free calcium concentration and poor glycaemic control in NIDDM. <i>British Journal of Clinical Pharmacology</i> , 1999, 47, 499-506.	1.1	22
64	Disordered expression of the sucrase α -isomaltase complex in the small intestine in Otsuka Long α -Evans Tokushima fatty rats, a model of non-insulin-dependent diabetes mellitus with insulin resistance. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1999, 1426, 126-132.	1.1	8
65	The MH1 Domains of Smad2 and Smad3 Are Involved in the Regulation of the ALK7 Signals. <i>Biochemical and Biophysical Research Communications</i> , 1999, 254, 707-712.	1.0	35