Atsunori Fukuhara

List of Publications by Year
in descending order

66 papers	6,209 citations	33 h-index	69 g-index
77 all docs	77 docs citations	77 times ranked	9149 citing authors

#	Article	IF	Citations
1	Primary aldosteronism patients with previous cardiovascular and cerebrovascular events have high aldosterone responsiveness to ACTH stimulation. Endocrine Journal, 2024, 71, 489-497.	1.7	0
2	The role of oxidative stress, glucocorticoid receptor and ARMC5 in lipid metabolism. Endocrine Journal, 2024, , .	1.7	0
3	HSP47 levels determine the degree of body adiposity. Nature Communications, 2023, 14, .	13.2	2
4	Loss of RUBCN/rubicon in adipocytes mediates the upregulation of autophagy to promote the fasting response. Autophagy, 2022, 18, 2686-2696.	11.0	15
5	Transforming growth factor Î²1 signaling links extracellular matrix remodeling to intracellular lipogenesis upon physiological feeding events. Journal of Biological Chemistry, 2022, 298, 101748.	3.5	10
6	Lactate dehydrogenase regulates basal glucose uptake in adipocytes. Biochemical and Biophysical Research Communications, 2022, 607, 20-27.	2.2	2
7	Ketone body 3-hydroxybutyrate enhances adipocyte function. Scientific Reports, 2022, 12, .	3.4	12
8	SARS-CoV-2 infection impairs the insulin/IGF signaling pathway in the lung, liver, adipose tissue, and pancreatic cells via IRF1. Metabolism: Clinical and Experimental, 2022, 133, 155236.	3.6	38
9	ARMC5-CUL3 E3 ligase targets full-length SREBF in adrenocortical tumors. JCI Insight, 2022, 7, .	5.0	3
10	GRP78, a Novel Host Factor for SARS-CoV-2: The Emerging Roles in COVID-19 Related to Metabolic Risk Factors. Biomedicines, 2022, 10, 1995.	3.3	11
11	Possible Involvement of Adipose Tissue in Patients With Older Age, Obesity, and Diabetes With SARS-CoV-2 Infection (COVID-19) via GRP78 (BIP/HSPA5): Significance of Hyperinsulinemia Management in COVID-19. Diabetes, 2021, 70, 2745-2755.	0.9	44
12	Glutamine deficiency induces lipolysis in adipocytes. Biochemical and Biophysical Research Communications, 2021, 585, 155-161.	2.2	5
13	Metabolomic Analysis of Diet-Induced Obese Mice Supplemented with Eicosapentaenoic Acid. Experimental and Clinical Endocrinology and Diabetes, 2020, 128, 548-555.	1.4	4
14	Age-dependent loss of adipose Rubicon promotes metabolic disorders via excess autophagy. Nature Communications, 2020, 11, 4150.	13.2	52
15	Adipocyte GR Inhibits Healthy Adipose Expansion Through Multiple Mechanisms in Cushing Syndrome. Endocrinology, 2019, 160, 504-521.	2.8	13
16	Oxidative Stress Inhibits Healthy Adipose Expansion Through Suppression of SREBF1-Mediated Lipogenic Pathway. Diabetes, 2018, 67, 1113-1127.	0.9	92
17	Impact of dexamethasone concentration on cartilage tissue formation from human synovial derived stem cells in vitro. Cytotechnology, 2018, 70, 819-829.	1.6	23
18	SDF-1 Is an Autocrine Insulin-Desensitizing Factor in Adipocytes. Diabetes, 2018, 67, 1068-1078.	0.9	23

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19	Obesity in Yap transgenic mice is associated with TAZ downregulation. Biochemical and Biophysical Research Communications, 2018, 505, 951-957.	2.2	11
20	Metabolomic and microarray analyses of adipose tissue of dapagliflozin-treated mice, and effects of 3-hydroxybutyrate on induction of adiponectin in adipocytes. Scientific Reports, 2018, 8, 8805.	3.4	44
21	Regulation of Dipeptidyl Peptidase-4, its Substrate Chemokines, and Their Receptors in Adipose Tissue of ob/ob Mice. Hormone and Metabolic Research, 2017, 49, 380-387.	1.5	9
22	Eicosapentaenoic acid and 5-HEPE enhance macrophage-mediated Treg induction in mice. Scientific Reports, 2017, 7, 4560.	3.4	49
23	Nur77 gene expression levels were involved in different ACTH-secretion autonomy between Cushing’s disease and subclinical Cushing’s disease. Endocrine Journal, 2016, 63, 545-554.	1.7	4
24	Hyperinsulinemic hypoglycemia syndrome associated with mutations in the human insulin receptor gene: Report of two cases. Endocrine Journal, 2015, 62, 353-362.	1.7	13
25	Adipose tissue macrophages induce PPARÎ³-high FOXP3+ regulatory T cells. Scientific Reports, 2015, 5, 16801.	3.4	37
26	Fat/Vessel-derived Secretory Protein (Favine)/CCDC3 Is Involved in Lipid Accumulation. Journal of Biological Chemistry, 2015, 290, 7443-7451.	3.5	9
27	Molecular expression of adiponectin in human saliva. Biochemical and Biophysical Research Communications, 2014, 445, 294-298.	2.2	11
28	Rapid decline in bone turnover markers but not bone mineral density in acromegalic patients after transsphenoidal surgery. Endocrine Journal, 2014, 61, 231-237.	1.7	16
29	Expression of activating transcription factor 2 in inflammatory macrophages in obese adipose tissue. Obesity, 2013, 21, 731-736.	3.2	32
30	Adiponectin Regulates Vascular Endothelial Growth Factor-C Expression in Macrophages via Syk-ERK Pathway. PLoS ONE, 2013, 8, e56071.	2.5	15
31	Human Catalase Gene is Regulated by Peroxisome Proliferator Activated Receptor-gamma through a Response Element Distinct from That of Mouse. Endocrine Journal, 2010, 57, 303-309.	1.7	97
32	Identification of a new secretory factor, CCDC3/Favine, in adipocytes and endothelial cells. Biochemical and Biophysical Research Communications, 2010, 392, 29-35.	2.2	28
33	Dysregulated glutathione metabolism links to impaired insulin action in adipocytes. American Journal of Physiology - Endocrinology and Metabolism, 2009, 296, E1326-E1334.	3.7	88
34	Serum adiponectin concentrations correlate with severity of rheumatoid arthritis evaluated by extent of joint destruction. Clinical Rheumatology, 2009, 28, 445-451.	2.3	89
35	Adenovirus-mediated gene transfer of adiponectin reduces the severity of collagen-induced arthritis in mice. Biochemical and Biophysical Research Communications, 2009, 378, 186-191.	2.2	44
36	RhoA induces expression of inflammatory cytokine in adipocytes. Biochemical and Biophysical Research Communications, 2009, 379, 288-292.	2.2	21

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37	Obesity causes a shift in metabolic flow of gangliosides in adipose tissues. Biochemical and Biophysical Research Communications, 2009, 379, 547-552.	2.2	20
38	Glucose enhances collectrin protein expression in insulin-producing MIN6 Î² cells. Biochemical and Biophysical Research Communications, 2009, 389, 133-137.	2.2	7
39	Insulin induces chaperone and CHOP gene expressions in adipocytes. Biochemical and Biophysical Research Communications, 2008, 365, 826-832.	2.2	12
40	Adipose expression of catalase is regulated via a novel remote PPARÎ³-responsive region. Biochemical and Biophysical Research Communications, 2008, 366, 698-704.	2.2	64
41	Effect of pravastatin on the development of diabetes and adiponectin production. Atherosclerosis, 2008, 196, 114-121.	0.8	84
42	Effects of Statins on Adipose Tissue Inflammation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 871-877.	4.7	97
43	The -1535 Promoter Variant of The Visfatin Gene Is Associated with Serum Triglyceride and HDL-cholesterol Levels in Japanese Subjects. Endocrine Journal, 2008, 55, 205-212.	1.7	36
44	Adiponectin deficiency enhances colorectal carcinogenesis and liver tumor formation induced by azoxymethane in mice. World Journal of Gastroenterology, 2008, 14, 6473.	3.4	36
45	Visfatin is released from 3T3-L1 adipocytes via a non-classical pathway. Biochemical and Biophysical Research Communications, 2007, 359, 194-201.	2.2	109
46	Nitric oxide dysregulates adipocytokine expression in 3T3-L1 adipocytes. Biochemical and Biophysical Research Communications, 2007, 364, 33-39.	2.2	26
47	Visfatin in adipocytes is upregulated by hypoxia through HIF1Î±-dependent mechanism. Biochemical and Biophysical Research Communications, 2006, 349, 875-882.	2.2	99
48	Recruitment of E-cadherin associated with Î±- and Î²-catenins and p120ctn to the nectin-based cell-cell adhesion sites by the action of 12-O-tetradecanoylphorbol-13-acetate in MDCK cells. Genes To Cells, 2005, 10, 435-445.	1.3	30
49	Involvement of the Annexin II-S100A10 Complex in the Formation of E-cadherin-based Adherens Junctions in Madin-Darby Canine Kidney Cells. Journal of Biological Chemistry, 2005, 280, 6016-6027.	3.5	69
50	Adiponectin increases bone mass by suppressing osteoclast and activating osteoblast. Biochemical and Biophysical Research Communications, 2005, 331, 520-526.	2.2	366
51	Intectin, a Novel Small Intestine-specific Glycosylphosphatidylinositol-anchored Protein, Accelerates Apoptosis of Intestinal Epithelial Cells. Journal of Biological Chemistry, 2004, 279, 42867-42874.	3.5	19
52	Involvement of LMO7 in the Association of Two Cell-Cell Adhesion Molecules, Nectin and E-cadherin, through Afadin and Î±-Actinin in Epithelial Cells. Journal of Biological Chemistry, 2004, 279, 31365-31373.	3.5	133
53	Requirement of the actin cytoskeleton for the association of nectins with other cell adhesion molecules at adherens and tight junctions in MDCK cells. Genes To Cells, 2004, 9, 843-855.	1.3	57
54	Antagonistic and agonistic effects of an extracellular fragment of nectin on formation of Eâ€cadherinâ€based cellâ€cell adhesion. Genes To Cells, 2003, 8, 51-63.	1.3	85

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55	Cdc42 and Rac small G proteins activated by trans- interactions of nectins are involved in activation of c-Jun N-terminal kinase, but not in association of nectins and cadherin to form adherens junctions, in fibroblasts. Genes To Cells, 2003, 8, 481-491.	1.3	47
56	Involvement of nectin in the localization of IQGAP1 at the cellâ€“cell adhesion sites through the actin cytoskeleton in Madinâ€“Darby canine kidney cells. Oncogene, 2003, 22, 2097-2109.	5.9	35
57	Regulation by nectin of the velocity of the formation of adherens junctions and tight junctions. Biochemical and Biophysical Research Communications, 2003, 306, 104-109.	2.2	43
58	Involvement of Nectin-activated Cdc42 Small G Protein in Organization of Adherens and Tight Junctions in Madin-Darby Canine Kidney Cells. Journal of Biological Chemistry, 2003, 278, 51885-51893.	3.5	73
59	Role of nectin in organization of tight junctions in epithelial cells. Genes To Cells, 2002, 7, 1059-1072.	1.3	79
60	Involvement of nectin in the localization of junctional adhesion molecule at tight junctions. Oncogene, 2002, 21, 7642-7655.	5.9	117
61	Pilt, a Novel Peripheral Membrane Protein at Tight Junctions in Epithelial Cells. Journal of Biological Chemistry, 2001, 276, 48350-48355.	3.5	34
62	Regulation of Ras and Rho small G proteins by SHP-2. Genes To Cells, 2001, 6, 869-876.	1.3	15
63	Roles of Cell-Cell Adhesion-dependent Tyrosine Phosphorylation of Gab-1. Journal of Biological Chemistry, 2001, 276, 18941-18946.	3.5	14
64	Involvement of an SHP-2-Rho Small G Protein Pathway in Hepatocyte Growth Factor/Scatter Factorâ€“induced Cell Scattering. Molecular Biology of the Cell, 2000, 11, 2565-2575.	2.5	118
65	Impact of cilostazol on intimal proliferation after directional coronary atherectomy. American Heart Journal, 1998, 135, 495-502.	3.1	58
66	Growth hormone increase by luteinizing hormone-releasing hormone reflects gonadotroph-related characteristics in acromegaly. Pituitary, 0, , .	3.0	0