Atsunori Fukuhara

List of Publications by Year in Descending Order

65 papers	5,116 citations	28 h-index	68 g-index
68 ext. papers	5,612 ext. citations	4.8 avg, IF	4.58 L-index

#	Paper	IF	Citations
65	Loss of RUBCN/rubicon in adipocytes mediates the upregulation of autophagy to promote the fasting response.. *Autophagy*, **2022**, 1-11	10.2	0
64	Transforming Growth Factor signaling links extracellular matrix remodeling to intracellular lipogenesis upon physiological feeding events.. *Journal of Biological Chemistry*, **2022**, 101748	5.4	1
63	Lactate dehydrogenase regulates basal glucose uptake in adipocytes.. *Biochemical and Biophysical Research Communications*, **2022**, 607, 20-27	3.4	
62	NaC/CD9 in urinary extracellular vesicles as a potential biomarker of MR activity. *Journal of Endocrinology*, **2021**, 252, 81-90	4.7	0
61	Glutamine deficiency induces lipolysis in adipocytes. *Biochemical and Biophysical Research Communications*, **2021**, 585, 155-161	3.4	0
60	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	10
59	Age-dependent loss of adipose Rubicon promotes metabolic disorders via excess autophagy. *Nature Communications*, **2020**, 11, 4150	17.4	24
58	Metabolomic Analysis of Diet-Induced Obese Mice Supplemented with Eicosapentaenoic Acid. *Experimental and Clinical Endocrinology and Diabetes*, **2020**, 128, 548-555	2.3	0
57	Adipocyte GR Inhibits Healthy Adipose Expansion Through Multiple Mechanisms in Cushing Syndrome. *Endocrinology*, **2019**, 160, 504-521	4.8	3
56	Oxidative Stress Inhibits Healthy Adipose Expansion Through Suppression of SREBF1-Mediated Lipogenic Pathway. *Diabetes*, **2018**, 67, 1113-1127	0.9	66
55	Impact of dexamethasone concentration on cartilage tissue formation from human synovial derived stem cells in vitro. *Cytotechnology*, **2018**, 70, 819-829	2.2	11
54	SDF-1 Is an Autocrine Insulin-Desensitizing Factor in Adipocytes. *Diabetes*, **2018**, 67, 1068-1078	0.9	15
53	Impact of MR on mature adipocytes in high-fat/high-sucrose diet-induced obesity. *Journal of Endocrinology*, **2018**, 239, 63-71	4.7	7
52	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	4.9	17
51	Obesity in Yap transgenic mice is associated with TAZ downregulation. *Biochemical and Biophysical Research Communications*, **2018**, 505, 951-957	3.4	7
50	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	3.1	6
49	Eicosapentaenoic acid and 5-HEPE enhance macrophage-mediated Treg induction in mice. *Scientific Reports*, **2017**, 7, 4560	4.9	25

48	Nur77 gene expression levels were involved in different ACTH-secretion autonomy between Cushing's disease and subclinical Cushing's disease. *Endocrine Journal*, **2016**, 63, 545-54	2.9	3
47	Fat/vessel-derived secretory protein (Favine)/CCDC3 is involved in lipid accumulation. *Journal of Biological Chemistry*, **2015**, 290, 7443-51	5.4	3
46	Hyperinsulinemic hypoglycemia syndrome associated with mutations in the human insulin receptor gene: report of two cases. *Endocrine Journal*, **2015**, 62, 353-62	2.9	12
45	Adipose tissue macrophages induce PPARγ-high FOXP3(+) regulatory T cells. *Scientific Reports*, **2015**, 5, 16801	4.9	24
44	Molecular expression of adiponectin in human saliva. *Biochemical and Biophysical Research Communications*, **2014**, 445, 294-8	3.4	8
43	Rapid decline in bone turnover markers but not bone mineral density in acromegalic patients after transsphenoidal surgery. *Endocrine Journal*, **2014**, 61, 231-7	2.9	12
42	Expression of activating transcription factor 2 in inflammatory macrophages in obese adipose tissue. *Obesity*, **2013**, 21, 731-6	8	25
41	Adiponectin regulates vascular endothelial growth factor-C expression in macrophages via Syk-ERK pathway. *PLoS ONE*, **2013**, 8, e56071	3.7	14
40	Identification of a new secretory factor, CCDC3/Favine, in adipocytes and endothelial cells. *Biochemical and Biophysical Research Communications*, **2010**, 392, 29-35	3.4	19
39	Human catalase gene is regulated by peroxisome proliferator activated receptor-gamma through a response element distinct from that of mouse. *Endocrine Journal*, **2010**, 57, 303-9	2.9	76
38	Identification of a novel distal enhancer in human adiponectin gene. *Journal of Endocrinology*, **2009**, 200, 107-16	4.7	16
37	Dysregulated glutathione metabolism links to impaired insulin action in adipocytes. *American Journal of Physiology - Endocrinology and Metabolism*, **2009**, 296, E1326-34	6	72
36	Serum adiponectin concentrations correlate with severity of rheumatoid arthritis evaluated by extent of joint destruction. *Clinical Rheumatology*, **2009**, 28, 445-51	3.9	77
35	Adenovirus-mediated gene transfer of adiponectin reduces the severity of collagen-induced arthritis in mice. *Biochemical and Biophysical Research Communications*, **2009**, 378, 186-91	3.4	38
34	RhoA induces expression of inflammatory cytokine in adipocytes. *Biochemical and Biophysical Research Communications*, **2009**, 379, 288-92	3.4	18
33	Obesity causes a shift in metabolic flow of gangliosides in adipose tissues. *Biochemical and Biophysical Research Communications*, **2009**, 379, 547-52	3.4	17
32	Glucose enhances collectrin protein expression in insulin-producing MIN6 beta cells. *Biochemical and Biophysical Research Communications*, **2009**, 389, 133-7	3.4	6
31	Insulin induces chaperone and CHOP gene expressions in adipocytes. *Biochemical and Biophysical Research Communications*, **2008**, 365, 826-32	3.4	11

30	Adipose expression of catalase is regulated via a novel remote PPARgamma-responsive region. *Biochemical and Biophysical Research Communications*, **2008**, 366, 698-704	3.4	59
29	Effect of pravastatin on the development of diabetes and adiponectin production. *Atherosclerosis*, **2008**, 196, 114-121	3.1	76
28	Effects of statins on adipose tissue inflammation: their inhibitory effect on MyD88-independent IRF3/IFN-beta pathway in macrophages. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2008**, 28, 871-7	9.4	80
27	The -1535 promoter variant of the visfatin gene is associated with serum triglyceride and HDL-cholesterol levels in Japanese subjects. *Endocrine Journal*, **2008**, 55, 205-12	2.9	29
26	Adiponectin deficiency enhances colorectal carcinogenesis and liver tumor formation induced by azoxymethane in mice. *World Journal of Gastroenterology*, **2008**, 14, 6473-80	5.6	36
25	Adipose tissue hypoxia in obesity and its impact on adipocytokine dysregulation. *Diabetes*, **2007**, 56, 901-11	0.9	912
24	Visfatin is released from 3T3-L1 adipocytes via a non-classical pathway. *Biochemical and Biophysical Research Communications*, **2007**, 359, 194-201	3.4	101
23	Nitric oxide dysregulates adipocytokine expression in 3T3-L1 adipocytes. *Biochemical and Biophysical Research Communications*, **2007**, 364, 33-9	3.4	23
22	Visfatin in adipocytes is upregulated by hypoxia through HIF1alpha-dependent mechanism. *Biochemical and Biophysical Research Communications*, **2006**, 349, 875-82	3.4	89
21	Adiponectin increases bone mass by suppressing osteoclast and activating osteoblast. *Biochemical and Biophysical Research Communications*, **2005**, 331, 520-6	3.4	310
20	Visfatin: a protein secreted by visceral fat that mimics the effects of insulin. *Science*, **2005**, 307, 426-30	33.3	1450
19	Recruitment of E-cadherin associated with alpha- and beta-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, 435-45	2.3	28
18	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, 6016-27	5.4	59
17	Intectin, a novel small intestine-specific glycosylphosphatidylinositol-anchored protein, accelerates apoptosis of intestinal epithelial cells. *Journal of Biological Chemistry*, **2004**, 279, 42867-74	5.4	16
16	Involvement of LMO7 in the association of two cell-cell adhesion molecules, nectin and E-cadherin, through afadin and alpha-actinin in epithelial cells. *Journal of Biological Chemistry*, **2004**, 279, 31365-73	5.4	107
15	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, 843-55	2.3	50
14	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, 51885-93	5.4	66
13	Antagonistic and agonistic effects of an extracellular fragment of nectin on formation of E-cadherin-based cell-cell adhesion. *Genes To Cells*, **2003**, 8, 51-63	2.3	78

12	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, 481-91	2.3	43
11	Involvement of nectin in the localization of IQGAP1 at the cell-cell adhesion sites through the actin cytoskeleton in Madin-Darby canine kidney cells. *Oncogene*, **2003**, 22, 2097-109	9.2	34
10	Regulation by nectin of the velocity of the formation of adherens junctions and tight junctions. *Biochemical and Biophysical Research Communications*, **2003**, 306, 104-9	3.4	41
9	Role of nectin in organization of tight junctions in epithelial cells. *Genes To Cells*, **2002**, 7, 1059-72	2.3	73
8	Involvement of nectin in the localization of junctional adhesion molecule at tight junctions. *Oncogene*, **2002**, 21, 7642-55	9.2	109
7	Pilt, a novel peripheral membrane protein at tight junctions in epithelial cells. *Journal of Biological Chemistry*, **2001**, 276, 48350-5	5.4	25
6	Regulation of Ras and Rho small G proteins by SHP-2. *Genes To Cells*, **2001**, 6, 869-76	2.3	13
5	Roles of cell-cell adhesion-dependent tyrosine phosphorylation of Gab-1. *Journal of Biological Chemistry*, **2001**, 276, 18941-6	5.4	14
4	Involvement of an SHP-2-Rho small G protein pathway in hepatocyte growth factor/scatter factor-induced cell scattering. *Molecular Biology of the Cell*, **2000**, 11, 2565-75	3.5	111
3	Impact of cilostazol on restenosis after percutaneous coronary balloon angioplasty. *Circulation*, **1999**, 100, 21-6	16.7	383
2	Impact of cilostazol on intimal proliferation after directional coronary atherectomy. *American Heart Journal*, **1998**, 135, 495-502	4.9	51
1	Expression of Activating Transcription Factor 2 in Inflammatory Macrophages in Obese Adipose Tissue. *Obesity*,	8	1