

# Atsunori Fukuhara

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Visfatin: a protein secreted by visceral fat that mimics the effects of insulin. <i>Science</i> , <b>2005</b> , 307, 426-30	33.3	1450
64	Adipose tissue hypoxia in obesity and its impact on adipocytokine dysregulation. <i>Diabetes</i> , <b>2007</b> , 56, 901-11	0.9	912
63	Impact of cilostazol on restenosis after percutaneous coronary balloon angioplasty. <i>Circulation</i> , <b>1999</b> , 100, 21-6	16.7	383
62	Adiponectin increases bone mass by suppressing osteoclast and activating osteoblast. <i>Biochemical and Biophysical Research Communications</i> , <b>2005</b> , 331, 520-6	3.4	310
61	Involvement of an SHP-2-Rho small G protein pathway in hepatocyte growth factor/scatter factor-induced cell scattering. <i>Molecular Biology of the Cell</i> , <b>2000</b> , 11, 2565-75	3.5	111
60	Involvement of nectin in the localization of junctional adhesion molecule at tight junctions. <i>Oncogene</i> , <b>2002</b> , 21, 7642-55	9.2	109
59	Involvement of LMO7 in the association of two cell-cell adhesion molecules, nectin and E-cadherin, through afadin and alpha-actinin in epithelial cells. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 31365-73	5.4	107
58	Visfatin is released from 3T3-L1 adipocytes via a non-classical pathway. <i>Biochemical and Biophysical Research Communications</i> , <b>2007</b> , 359, 194-201	3.4	101
57	Visfatin in adipocytes is upregulated by hypoxia through HIF1alpha-dependent mechanism. <i>Biochemical and Biophysical Research Communications</i> , <b>2006</b> , 349, 875-82	3.4	89
56	Effects of statins on adipose tissue inflammation: their inhibitory effect on MyD88-independent IRF3/IFN-beta pathway in macrophages. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2008</b> , 28, 871-7	9.4	80
55	Antagonistic and agonistic effects of an extracellular fragment of nectin on formation of E-cadherin-based cell-cell adhesion. <i>Genes To Cells</i> , <b>2003</b> , 8, 51-63	2.3	78
54	Serum adiponectin concentrations correlate with severity of rheumatoid arthritis evaluated by extent of joint destruction. <i>Clinical Rheumatology</i> , <b>2009</b> , 28, 445-51	3.9	77
53	Human catalase gene is regulated by peroxisome proliferator activated receptor-gamma through a response element distinct from that of mouse. <i>Endocrine Journal</i> , <b>2010</b> , 57, 303-9	2.9	76
52	Effect of pravastatin on the development of diabetes and adiponectin production. <i>Atherosclerosis</i> , <b>2008</b> , 196, 114-121	3.1	76
51	Role of nectin in organization of tight junctions in epithelial cells. <i>Genes To Cells</i> , <b>2002</b> , 7, 1059-72	2.3	73
50	Dysregulated glutathione metabolism links to impaired insulin action in adipocytes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2009</b> , 296, E1326-34	6	72
49	Oxidative Stress Inhibits Healthy Adipose Expansion Through Suppression of SREBF1-Mediated Lipogenic Pathway. <i>Diabetes</i> , <b>2018</b> , 67, 1113-1127	0.9	66

48	Involvement of nectin-activated Cdc42 small G protein in organization of adherens and tight junctions in Madin-Darby canine kidney cells. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 51885-93	5.4	66
47	Adipose expression of catalase is regulated via a novel remote PPARgamma-responsive region. <i>Biochemical and Biophysical Research Communications</i> , <b>2008</b> , 366, 698-704	3.4	59
46	Involvement of the annexin II-S100A10 complex in the formation of E-cadherin-based adherens junctions in Madin-Darby canine kidney cells. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 6016-27	5.4	59
45	Impact of cilostazol on intimal proliferation after directional coronary atherectomy. <i>American Heart Journal</i> , <b>1998</b> , 135, 495-502	4.9	51
44	Requirement of the actin cytoskeleton for the association of nectins with other cell adhesion molecules at adherens and tight junctions in MDCK cells. <i>Genes To Cells</i> , <b>2004</b> , 9, 843-55	2.3	50
43	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. <i>Genes To Cells</i> , <b>2003</b> , 8, 481-91	2.3	43
42	Regulation by nectin of the velocity of the formation of adherens junctions and tight junctions. <i>Biochemical and Biophysical Research Communications</i> , <b>2003</b> , 306, 104-9	3.4	41
41	Adenovirus-mediated gene transfer of adiponectin reduces the severity of collagen-induced arthritis in mice. <i>Biochemical and Biophysical Research Communications</i> , <b>2009</b> , 378, 186-91	3.4	38
40	Adiponectin deficiency enhances colorectal carcinogenesis and liver tumor formation induced by azoxymethane in mice. <i>World Journal of Gastroenterology</i> , <b>2008</b> , 14, 6473-80	5.6	36
39	Involvement of nectin in the localization of IQGAP1 at the cell-cell adhesion sites through the actin cytoskeleton in Madin-Darby canine kidney cells. <i>Oncogene</i> , <b>2003</b> , 22, 2097-109	9.2	34
38	The -1535 promoter variant of the visfatin gene is associated with serum triglyceride and HDL-cholesterol levels in Japanese subjects. <i>Endocrine Journal</i> , <b>2008</b> , 55, 205-12	2.9	29
37	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. <i>Genes To Cells</i> , <b>2005</b> , 10, 435-45	2.3	28
36	Eicosapentaenoic acid and 5-HEPE enhance macrophage-mediated Treg induction in mice. <i>Scientific Reports</i> , <b>2017</b> , 7, 4560	4.9	25
35	Expression of activating transcription factor 2 in inflammatory macrophages in obese adipose tissue. <i>Obesity</i> , <b>2013</b> , 21, 731-6	8	25
34	Pilt, a novel peripheral membrane protein at tight junctions in epithelial cells. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 48350-5	5.4	25
33	Adipose tissue macrophages induce PPARhigh FOXP3(+) regulatory T cells. <i>Scientific Reports</i> , <b>2015</b> , 5, 16801	4.9	24
32	Age-dependent loss of adipose Rubicon promotes metabolic disorders via excess autophagy. <i>Nature Communications</i> , <b>2020</b> , 11, 4150	17.4	24
31	Nitric oxide dysregulates adipocytokine expression in 3T3-L1 adipocytes. <i>Biochemical and Biophysical Research Communications</i> , <b>2007</b> , 364, 33-9	3.4	23

30	Identification of a new secretory factor, CCDC3/Favine, in adipocytes and endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2010</b> , 392, 29-35	3-4	19
29	RhoA induces expression of inflammatory cytokine in adipocytes. <i>Biochemical and Biophysical Research Communications</i> , <b>2009</b> , 379, 288-92	3-4	18
28	Metabolomic and microarray analyses of adipose tissue of dapagliflozin-treated mice, and effects of 3-hydroxybutyrate on induction of adiponectin in adipocytes. <i>Scientific Reports</i> , <b>2018</b> , 8, 8805	4-9	17
27	Obesity causes a shift in metabolic flow of gangliosides in adipose tissues. <i>Biochemical and Biophysical Research Communications</i> , <b>2009</b> , 379, 547-52	3-4	17
26	Identification of a novel distal enhancer in human adiponectin gene. <i>Journal of Endocrinology</i> , <b>2009</b> , 200, 107-16	4-7	16
25	Intectin, a novel small intestine-specific glycosylphosphatidylinositol-anchored protein, accelerates apoptosis of intestinal epithelial cells. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 42867-74	5-4	16
24	SDF-1 Is an Autocrine Insulin-Desensitizing Factor in Adipocytes. <i>Diabetes</i> , <b>2018</b> , 67, 1068-1078	0-9	15
23	Roles of cell-cell adhesion-dependent tyrosine phosphorylation of Gab-1. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 18941-6	5-4	14
22	Adiponectin regulates vascular endothelial growth factor-C expression in macrophages via Syk-ERK pathway. <i>PLoS ONE</i> , <b>2013</b> , 8, e56071	3-7	14
21	Regulation of Ras and Rho small G proteins by SHP-2. <i>Genes To Cells</i> , <b>2001</b> , 6, 869-76	2-3	13
20	Rapid decline in bone turnover markers but not bone mineral density in acromegalic patients after transsphenoidal surgery. <i>Endocrine Journal</i> , <b>2014</b> , 61, 231-7	2-9	12
19	Hyperinsulinemic hypoglycemia syndrome associated with mutations in the human insulin receptor gene: report of two cases. <i>Endocrine Journal</i> , <b>2015</b> , 62, 353-62	2-9	12
18	Impact of dexamethasone concentration on cartilage tissue formation from human synovial derived stem cells in vitro. <i>Cytotechnology</i> , <b>2018</b> , 70, 819-829	2-2	11
17	Insulin induces chaperone and CHOP gene expressions in adipocytes. <i>Biochemical and Biophysical Research Communications</i> , <b>2008</b> , 365, 826-32	3-4	11
16	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. <i>Diabetes</i> , <b>2021</b> , 70, 2745-2755	0-9	10
15	Molecular expression of adiponectin in human saliva. <i>Biochemical and Biophysical Research Communications</i> , <b>2014</b> , 445, 294-8	3-4	8
14	Impact of MR on mature adipocytes in high-fat/high-sucrose diet-induced obesity. <i>Journal of Endocrinology</i> , <b>2018</b> , 239, 63-71	4-7	7
13	Obesity in Yap transgenic mice is associated with TAZ downregulation. <i>Biochemical and Biophysical Research Communications</i> , <b>2018</b> , 505, 951-957	3-4	7

12	Regulation of Dipeptidyl Peptidase-4, its Substrate Chemokines, and Their Receptors in Adipose Tissue of ob/ob Mice. <i>Hormone and Metabolic Research</i> , <b>2017</b> , 49, 380-387	3.1	6
11	Glucose enhances collectrin protein expression in insulin-producing MIN6 beta cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2009</b> , 389, 133-7	3.4	6
10	Fat/vessel-derived secretory protein (Favine)/CCDC3 is involved in lipid accumulation. <i>Journal of Biological Chemistry</i> , <b>2015</b> , 290, 7443-51	5.4	3
9	Nur77 gene expression levels were involved in different ACTH-secretion autonomy between Cushing's disease and subclinical Cushing's disease. <i>Endocrine Journal</i> , <b>2016</b> , 63, 545-54	2.9	3
8	Adipocyte GR Inhibits Healthy Adipose Expansion Through Multiple Mechanisms in Cushing Syndrome. <i>Endocrinology</i> , <b>2019</b> , 160, 504-521	4.8	3
7	Expression of Activating Transcription Factor 2 in Inflammatory Macrophages in Obese Adipose Tissue. <i>Obesity</i> ,	8	1
6	Transforming Growth Factor $\beta$ signaling links extracellular matrix remodeling to intracellular lipogenesis upon physiological feeding events.. <i>Journal of Biological Chemistry</i> , <b>2022</b> , 101748	5.4	1
5	hNaC/CD9 in urinary extracellular vesicles as a potential biomarker of MR activity. <i>Journal of Endocrinology</i> , <b>2021</b> , 252, 81-90	4.7	0
4	Glutamine deficiency induces lipolysis in adipocytes. <i>Biochemical and Biophysical Research Communications</i> , <b>2021</b> , 585, 155-161	3.4	0
3	Metabolomic Analysis of Diet-Induced Obese Mice Supplemented with Eicosapentaenoic Acid. <i>Experimental and Clinical Endocrinology and Diabetes</i> , <b>2020</b> , 128, 548-555	2.3	0
2	Loss of RUBCN/rubicon in adipocytes mediates the upregulation of autophagy to promote the fasting response.. <i>Autophagy</i> , <b>2022</b> , 1-11	10.2	0
1	Lactate dehydrogenase regulates basal glucose uptake in adipocytes.. <i>Biochemical and Biophysical Research Communications</i> , <b>2022</b> , 607, 20-27	3.4	