

Atsunori Fukuhara

List of Publications by Year in descending order

Source: [//exaly.com/author-pdf/5405671/publications.pdf](https://exaly.com/author-pdf/5405671/publications.pdf)

Version: 2024-02-01

66
papers

6,209
citations

122655

33
h-index

92649

69
g-index

77
all docs

77
docs citations

77
times ranked

9149
citing authors

#	ARTICLE	IF	CITATIONS
1	Adiponectin increases bone mass by suppressing osteoclast and activating osteoblast. <i>Biochemical and Biophysical Research Communications</i> , 2005, 331, 520-526.	2.2	366
2	Involvement of LMO7 in the Association of Two Cell-Cell Adhesion Molecules, Nectin and E-cadherin, through Afadin and β -Actinin in Epithelial Cells. <i>Journal of Biological Chemistry</i> , 2004, 279, 31365-31373.	3.5	133
3	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> , 2000, 11, 2565-2575.	2.5	118
4	Involvement of nectin in the localization of junctional adhesion molecule at tight junctions. <i>Oncogene</i> , 2002, 21, 7642-7655.	5.9	117
5	Visfatin is released from 3T3-L1 adipocytes via a non-classical pathway. <i>Biochemical and Biophysical Research Communications</i> , 2007, 359, 194-201.	2.2	109
6	Visfatin in adipocytes is upregulated by hypoxia through HIF1 α -dependent mechanism. <i>Biochemical and Biophysical Research Communications</i> , 2006, 349, 875-882.	2.2	99
7	Effects of Statins on Adipose Tissue Inflammation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, 871-877.	4.7	97
8	Human Catalase Gene is Regulated by Peroxisome Proliferator Activated Receptor-gamma through a Response Element Distinct from That of Mouse. <i>Endocrine Journal</i> , 2010, 57, 303-309.	1.7	97
9	Oxidative Stress Inhibits Healthy Adipose Expansion Through Suppression of SREBF1-Mediated Lipogenic Pathway. <i>Diabetes</i> , 2018, 67, 1113-1127.	0.9	92
10	Serum adiponectin concentrations correlate with severity of rheumatoid arthritis evaluated by extent of joint destruction. <i>Clinical Rheumatology</i> , 2009, 28, 445-451.	2.3	89
11	Dysregulated glutathione metabolism links to impaired insulin action in adipocytes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009, 296, E1326-E1334.	3.7	88
12	Antagonistic and agonistic effects of an extracellular fragment of nectin on formation of E-cadherin-based cell-cell adhesion. <i>Genes To Cells</i> , 2003, 8, 51-63.	1.3	85
13	Effect of pravastatin on the development of diabetes and adiponectin production. <i>Atherosclerosis</i> , 2008, 196, 114-121.	0.8	84
14	Role of nectin in organization of tight junctions in epithelial cells. <i>Genes To Cells</i> , 2002, 7, 1059-1072.	1.3	79
15	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> , 2003, 278, 51885-51893.	3.5	73
16	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> , 2005, 280, 6016-6027.	3.5	69
17	Adipose expression of catalase is regulated via a novel remote PPAR γ -responsive region. <i>Biochemical and Biophysical Research Communications</i> , 2008, 366, 698-704.	2.2	64
18	Impact of cilostazol on intimal proliferation after directional coronary atherectomy. <i>American Heart Journal</i> , 1998, 135, 495-502.	3.1	58

#	ARTICLE	IF	CITATIONS
19	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> , 2004, 9, 843-855.	1.3	57
20	Age-dependent loss of adipose Rubicon promotes metabolic disorders via excess autophagy. <i>Nature Communications</i> , 2020, 11, 4150.	13.2	52
21	Eicosapentaenoic acid and 5-HEPE enhance macrophage-mediated Treg induction in mice. <i>Scientific Reports</i> , 2017, 7, 4560.	3.4	49
22	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> , 2003, 8, 481-491.	1.3	47
23	Adenovirus-mediated gene transfer of adiponectin reduces the severity of collagen-induced arthritis in mice. <i>Biochemical and Biophysical Research Communications</i> , 2009, 378, 186-191.	2.2	44
24	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> , 2018, 8, 8805.	3.4	44
25	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> , 2021, 70, 2745-2755.	0.9	44
26	Regulation by nectin of the velocity of the formation of adherens junctions and tight junctions. <i>Biochemical and Biophysical Research Communications</i> , 2003, 306, 104-109.	2.2	43
27	SARS-CoV-2 infection impairs the insulin/IGF signaling pathway in the lung, liver, adipose tissue, and pancreatic cells via IRF1. <i>Metabolism: Clinical and Experimental</i> , 2022, 133, 155236.	3.6	38
28	Adipose tissue macrophages induce PPAR β -high FOXP3 $^+$ regulatory T cells. <i>Scientific Reports</i> , 2015, 5, 16801.	3.4	37
29	The -1535 Promoter Variant of The Visfatin Gene Is Associated with Serum Triglyceride and HDL-cholesterol Levels in Japanese Subjects. <i>Endocrine Journal</i> , 2008, 55, 205-212.	1.7	36
30	Adiponectin deficiency enhances colorectal carcinogenesis and liver tumor formation induced by azoxymethane in mice. <i>World Journal of Gastroenterology</i> , 2008, 14, 6473.	3.4	36
31	Involvement of nectin in the localization of IQGAP1 at the cell-cell adhesion sites through the actin cytoskeleton in Madinâ€“Darby canine kidney cells. <i>Oncogene</i> , 2003, 22, 2097-2109.	5.9	35
32	Pilt, a Novel Peripheral Membrane Protein at Tight Junctions in Epithelial Cells. <i>Journal of Biological Chemistry</i> , 2001, 276, 48350-48355.	3.5	34
33	Expression of activating transcription factor 2 in inflammatory macrophages in obese adipose tissue. <i>Obesity</i> , 2013, 21, 731-736.	3.2	32
34	Recruitment of E-cadherin associated with β - and γ -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> , 2005, 10, 435-445.	1.3	30
35	Identification of a new secretory factor, CCDC3/Favine, in adipocytes and endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2010, 392, 29-35.	2.2	28
36	Nitric oxide dysregulates adipocytokine expression in 3T3-L1 adipocytes. <i>Biochemical and Biophysical Research Communications</i> , 2007, 364, 33-39.	2.2	26

#	ARTICLE	IF	CITATIONS
37	Impact of dexamethasone concentration on cartilage tissue formation from human synovial derived stem cells in vitro. <i>Cytotechnology</i> , 2018, 70, 819-829.	1.6	23
38	SDF-1 Is an Autocrine Insulin-Desensitizing Factor in Adipocytes. <i>Diabetes</i> , 2018, 67, 1068-1078.	0.9	23
39	RhoA induces expression of inflammatory cytokine in adipocytes. <i>Biochemical and Biophysical Research Communications</i> , 2009, 379, 288-292.	2.2	21
40	Obesity causes a shift in metabolic flow of gangliosides in adipose tissues. <i>Biochemical and Biophysical Research Communications</i> , 2009, 379, 547-552.	2.2	20
41	Intectin, a Novel Small Intestine-specific Glycosylphosphatidylinositol-anchored Protein, Accelerates Apoptosis of Intestinal Epithelial Cells. <i>Journal of Biological Chemistry</i> , 2004, 279, 42867-42874.	3.5	19
42	Rapid decline in bone turnover markers but not bone mineral density in acromegalic patients after transsphenoidal surgery. <i>Endocrine Journal</i> , 2014, 61, 231-237.	1.7	16
43	Regulation of Ras and Rho small G proteins by SHP-2. <i>Genes To Cells</i> , 2001, 6, 869-876.	1.3	15
44	Adiponectin Regulates Vascular Endothelial Growth Factor-C Expression in Macrophages via Syk-ERK Pathway. <i>PLoS ONE</i> , 2013, 8, e56071.	2.5	15
45	Loss of RUBCN/rubicon in adipocytes mediates the upregulation of autophagy to promote the fasting response. <i>Autophagy</i> , 2022, 18, 2686-2696.	11.0	15
46	Roles of Cell-Cell Adhesion-dependent Tyrosine Phosphorylation of Gab-1. <i>Journal of Biological Chemistry</i> , 2001, 276, 18941-18946.	3.5	14
47	Hyperinsulinemic hypoglycemia syndrome associated with mutations in the human insulin receptor gene: Report of two cases. <i>Endocrine Journal</i> , 2015, 62, 353-362.	1.7	13
48	Adipocyte GR Inhibits Healthy Adipose Expansion Through Multiple Mechanisms in Cushing Syndrome. <i>Endocrinology</i> , 2019, 160, 504-521.	2.8	13
49	Insulin induces chaperone and CHOP gene expressions in adipocytes. <i>Biochemical and Biophysical Research Communications</i> , 2008, 365, 826-832.	2.2	12
50	Ketone body 3-hydroxybutyrate enhances adipocyte function. <i>Scientific Reports</i> , 2022, 12, .	3.4	12
51	Molecular expression of adiponectin in human saliva. <i>Biochemical and Biophysical Research Communications</i> , 2014, 445, 294-298.	2.2	11
52	Obesity in Yap transgenic mice is associated with TAZ downregulation. <i>Biochemical and Biophysical Research Communications</i> , 2018, 505, 951-957.	2.2	11
53	GRP78, a Novel Host Factor for SARS-CoV-2: The Emerging Roles in COVID-19 Related to Metabolic Risk Factors. <i>Biomedicines</i> , 2022, 10, 1995.	3.3	11
54	Transforming growth factor β 1 signaling links extracellular matrix remodeling to intracellular lipogenesis upon physiological feeding events. <i>Journal of Biological Chemistry</i> , 2022, 298, 101748.	3.5	10

#	ARTICLE	IF	CITATIONS
55	Fat/Vessel-derived Secretory Protein (Favine)/CCDC3 Is Involved in Lipid Accumulation. <i>Journal of Biological Chemistry</i> , 2015, 290, 7443-7451.	3.5	9
56	Regulation of Dipeptidyl Peptidase-4, its Substrate Chemokines, and Their Receptors in Adipose Tissue of ob/ob Mice. <i>Hormone and Metabolic Research</i> , 2017, 49, 380-387.	1.5	9
57	Glucose enhances collectrin protein expression in insulin-producing MIN6 β cells. <i>Biochemical and Biophysical Research Communications</i> , 2009, 389, 133-137.	2.2	7
58	Glutamine deficiency induces lipolysis in adipocytes. <i>Biochemical and Biophysical Research Communications</i> , 2021, 585, 155-161.	2.2	5
59	Nur77 gene expression levels were involved in different ACTH-secretion autonomy between Cushing's disease and subclinical Cushing's disease. <i>Endocrine Journal</i> , 2016, 63, 545-554.	1.7	4
60	Metabolomic Analysis of Diet-Induced Obese Mice Supplemented with Eicosapentaenoic Acid. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2020, 128, 548-555.	1.4	4
61	ARMC5-CUL3 E3 ligase targets full-length SREBF in adrenocortical tumors. <i>JCI Insight</i> , 2022, 7, .	5.0	3
62	Lactate dehydrogenase regulates basal glucose uptake in adipocytes. <i>Biochemical and Biophysical Research Communications</i> , 2022, 607, 20-27.	2.2	2
63	HSP47 levels determine the degree of body adiposity. <i>Nature Communications</i> , 2023, 14, .	13.2	2
64	Primary aldosteronism patients with previous cardiovascular and cerebrovascular events have high aldosterone responsiveness to ACTH stimulation. <i>Endocrine Journal</i> , 2024, 71, 489-497.	1.7	0
65	The role of oxidative stress, glucocorticoid receptor and ARMCS in lipid metabolism. <i>Endocrine Journal</i> , 2024, , .	1.7	0
66	Growth hormone increase by luteinizing hormone-releasing hormone reflects gonadotroph-related characteristics in acromegaly. <i>Pituitary</i> , 0, , .	3.0	0