Atsunori Fukuhara

List of Articles by Year
in descending order

67 PR articles	2,619 PR citations	169477 29 PR h-index	196442 50 g-index
69 documents	4504 doc citations	156339 32 h-index	10757 citing authors

#	Article	IF	Citations
1	Growth hormone increase by luteinizing hormone-releasing hormone reflects gonadotroph-related characteristics in acromegaly. Pituitary, 2024, 27, 527-536.	2.6	2
2	Frequent Seronegative Primary Hypothyroidism in Myxedema Coma in Japan: Three Case Reports With a Systematic Review. Case Reports in Endocrinology, 2024, 2024, .	0.5	1
3	ARMC5 selectively degrades SCAP-free SREBF1 and is essential for fatty acid desaturation in adipocytes. Journal of Biological Chemistry, 2024, 300, 107953.	2.2	3
4	HSP47 levels determine the degree of body adiposity. Nature Communications, 2023, 14, .	13.7	10
5	Loss of RUBCN/rubicon in adipocytes mediates the upregulation of autophagy to promote the fasting response. Autophagy, 2022, 18, 2686-2696.	13.7	27
6	Transforming growth factor Î²1 signaling links extracellular matrix remodeling to intracellular lipogenesis upon physiological feeding events. Journal of Biological Chemistry, 2022, 298, 101748.	2.2	17
7	Lactate dehydrogenase regulates basal glucose uptake in adipocytes. Biochemical and Biophysical Research Communications, 2022, 607, 20-27.	2.1	4
8	Ketone body 3-hydroxybutyrate enhances adipocyte function. Scientific Reports, 2022, 12, .	3.4	25
9	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.	9.1	57
10	ARMC5-CUL3 E3 ligase targets full-length SREBF in adrenocortical tumors. JCI Insight, 2022, 7, .	5.4	17
11	GRP78, a Novel Host Factor for SARS-CoV-2: The Emerging Roles in COVID-19 Related to Metabolic Risk Factors. Biomedicines, 2022, 10, 1995.	3.4	22
12	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.	4.2	55
13	Glutamine deficiency induces lipolysis in adipocytes. Biochemical and Biophysical Research Communications, 2021, 585, 155-161.	2.1	12
14	Metabolomic Analysis of Diet-Induced Obese Mice Supplemented with Eicosapentaenoic Acid. Experimental and Clinical Endocrinology and Diabetes, 2020, 128, 548-555.	1.5	7
15	Age-dependent loss of adipose Rubicon promotes metabolic disorders via excess autophagy. Nature Communications, 2020, 11, .	13.7	85
16	Adipocyte GR Inhibits Healthy Adipose Expansion Through Multiple Mechanisms in Cushing Syndrome. Endocrinology, 2019, 160, 504-521.	2.5	15
17	Oxidative Stress Inhibits Healthy Adipose Expansion Through Suppression of SREBF1-Mediated Lipogenic Pathway. Diabetes, 2018, 67, 1113-1127.	4.2	115
18	Impact of dexamethasone concentration on cartilage tissue formation from human synovial derived stem cells in vitro. Cytotechnology, 2018, 70, 819-829.	1.4	24

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19	SDF-1 Is an Autocrine Insulin-Desensitizing Factor in Adipocytes. Diabetes, 2018, 67, 1068-1078.	4.2	30
20	Obesity in Yap transgenic mice is associated with TAZ downregulation. Biochemical and Biophysical Research Communications, 2018, 505, 951-957.	2.1	15
21	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, .	3.4	57
22	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.	1.8	9
23	Eicosapentaenoic acid and 5-HEPE enhance macrophage-mediated Treg induction in mice. Scientific Reports, 2017, 7, .	3.4	63
24	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.	1.6	4
25	Hyperinsulinemic hypoglycemia syndrome associated with mutations in the human insulin receptor gene: Report of two cases. Endocrine Journal, 2015, 62, 353-362.	1.6	16
26	Adipose tissue macrophages induce PPARÎ³-high FOXP3+ regulatory T cells. Scientific Reports, 2015, 5, .	3.4	39
27	Fat/Vessel-derived Secretory Protein (Favine)/CCDC3 Is Involved in Lipid Accumulation. Journal of Biological Chemistry, 2015, 290, 7443-7451.	2.2	10
28	Molecular expression of adiponectin in human saliva. Biochemical and Biophysical Research Communications, 2014, 445, 294-298.	2.1	13
29	Rapid decline in bone turnover markers but not bone mineral density in acromegalic patients after transsphenoidal surgery. Endocrine Journal, 2014, 61, 231-237.	1.6	18
30	Expression of activating transcription factor 2 in inflammatory macrophages in obese adipose tissue. Obesity, 2013, 21, 731-736.	4.0	32
31	Adiponectin Regulates Vascular Endothelial Growth Factor-C Expression in Macrophages via Syk-ERK Pathway. PLoS ONE, 2013, 8, e56071.	2.3	15
32	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.	1.6	107
33	Identification of a new secretory factor, CCDC3/Favine, in adipocytes and endothelial cells. Biochemical and Biophysical Research Communications, 2010, 392, 29-35.	2.1	31
34	Dysregulated glutathione metabolism links to impaired insulin action in adipocytes. American Journal of Physiology - Endocrinology and Metabolism, 2009, 296, E1326-E1334.	3.0	93
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.	2.1	44
36	RhoA induces expression of inflammatory cytokine in adipocytes. Biochemical and Biophysical Research Communications, 2009, 379, 288-292.	2.1	24

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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.	2.1	21
38	Glucose enhances collectrin protein expression in insulin-producing MIN6 Î² cells. Biochemical and Biophysical Research Communications, 2009, 389, 133-137.	2.1	7
39	Insulin induces chaperone and CHOP gene expressions in adipocytes. Biochemical and Biophysical Research Communications, 2008, 365, 826-832.	2.1	12
40	Adipose expression of catalase is regulated via a novel remote PPARÎ³-responsive region. Biochemical and Biophysical Research Communications, 2008, 366, 698-704.	2.1	65
41	Effect of pravastatin on the development of diabetes and adiponectin production. Atherosclerosis, 2008, 196, 114-121.	1.5	85
42	Effects of Statins on Adipose Tissue Inflammation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 871-877.	6.0	100
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.	1.6	36
44	Serum adiponectin concentrations correlate with severity of rheumatoid arthritis evaluated by extent of joint destruction. Clinical Rheumatology, 2008, 28, 445-451.	2.2	89
45	Visfatin is released from 3T3-L1 adipocytes via a non-classical pathway. Biochemical and Biophysical Research Communications, 2007, 359, 194-201.	2.1	113
46	Nitric oxide dysregulates adipocytokine expression in 3T3-L1 adipocytes. Biochemical and Biophysical Research Communications, 2007, 364, 33-39.	2.1	26
47	Visfatin in adipocytes is upregulated by hypoxia through HIF1Î±-dependent mechanism. Biochemical and Biophysical Research Communications, 2006, 349, 875-882.	2.1	102
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.	1.4	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.	2.2	70
50	Adiponectin increases bone mass by suppressing osteoclast and activating osteoblast. Biochemical and Biophysical Research Communications, 2005, 331, 520-526.	2.1	381
51	Intectin, a Novel Small Intestine-specific Glycosylphosphatidylinositol-anchored Protein, Accelerates Apoptosis of Intestinal Epithelial Cells. Journal of Biological Chemistry, 2004, 279, 42867-42874.	2.2	20
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.	2.2	146
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.	1.4	58
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.	1.4	88

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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.	1.4	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.	6.5	36
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.	2.1	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.	2.2	73
59	Role of nectin in organization of tight junctions in epithelial cells. Genes To Cells, 2002, 7, 1059-1072.	1.4	81
60	Involvement of nectin in the localization of junctional adhesion molecule at tight junctions. Oncogene, 2002, 21, 7642-7655.	6.5	119
61	Pilt, a Novel Peripheral Membrane Protein at Tight Junctions in Epithelial Cells. Journal of Biological Chemistry, 2001, 276, 48350-48355.	2.2	35
62	Regulation of Ras and Rho small G proteins by SHP-2. Genes To Cells, 2001, 6, 869-876.	1.4	15
63	Roles of Cell-Cell Adhesion-dependent Tyrosine Phosphorylation of Gab-1. Journal of Biological Chemistry, 2001, 276, 18941-18946.	2.2	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.	2.9	59
66	Initial Evaluation of Radioiodine Therapy Using Imaging for Long-term Prognosis in Thyroid Cancer: A Retrospective Study. Journal of Clinical Endocrinology and Metabolism, 0, , .	4.1	1
67	Stigma and healthcare professional support among adults with diabetes in Japan: A crossâ€sectional study. Japan Journal of Nursing Science, 0, 23, .	1.6	0