Saverio Cinti

List of Publications by Year in Descending Order

230 papers	25,968 citations	69 h-index	160 g-index
244 ext. papers	29,123 ext. citations	8.4 avg, IF	6.84 L-index

#	Paper	IF	Citations
230	From Obesity to Diabetes: The Role of the Adipose Organ.. *Handbook of Experimental Pharmacology* , **2022**, 1	3.2	2
229	Visceral fat inflammation and fat embolism are associated with lung's lipidic hyaline membranes in subjects with COVID-19.. *International Journal of Obesity*, **2022**,	5.5	2
228	The endocrine adipose organ.. *Reviews in Endocrine and Metabolic Disorders*, **2022**, 23, 1	10.5	1
227	Brown Fat Anatomy in Humans and Rodents.. *Methods in Molecular Biology*, **2022**, 2448, 19-42	1.4	0
226	Ciliary neurotrophic factor is increased in the plasma of patients with obesity and its levels correlate with diabetes and inflammation indices.. *Scientific Reports*, **2022**, 12, 8331	4.9	
225	Bone density and genomic analysis unfold cold adaptation mechanisms of ancient inhabitants of Tierra del Fuego. *Scientific Reports*, **2021**, 11, 23290	4.9	0
224	Predictors of Worse Prognosis in Young and Middle-Aged Adults Hospitalized with COVID-19 Pneumonia: A Multi-Center Italian Study (COVID-UNDER50). *Journal of Clinical Medicine*, **2021**, 10,	5.1	3
223	Mammary gland adipocytes in lactation cycle, obesity and breast cancer. *Reviews in Endocrine and Metabolic Disorders*, **2021**, 22, 241-255	10.5	10
222	COVID-19 and Hartnup disease: an affair of intestinal amino acid malabsorption. *Eating and Weight Disorders*, **2021**, 26, 1647-1651	3.6	4
221	Gastric ghrelin cells in obese patients are hyperactive. *International Journal of Obesity*, **2021**, 45, 184-194	5.5	6
220	Epidermal Acyl-CoA-binding protein is indispensable for systemic energy homeostasis. *Molecular Metabolism*, **2021**, 44, 101144	8.8	7
219	Recruitment and remodeling of peridroplet mitochondria in human adipose tissue. *Redox Biology*, **2021**, 46, 102087	11.3	1
218	The Italian law on body donation: A position paper of the Italian College of Anatomists. *Annals of Anatomy*, **2021**, 238, 151761	2.9	1
217	The Nutritional System. *Perspectives in Nursing Management and Care for Older Adults*, **2021**, 215-224	0	
216	Cytoplasmic ciliary inclusions can reflect an abnormal ciliogenesis in respiratory epithelium. *Pediatric Pulmonology*, **2020**, 55, 1874-1875	3.5	0
215	Bone marrow adipose tissue is a unique adipose subtype with distinct roles in glucose homeostasis. *Nature Communications*, **2020**, 11, 3097	17.4	43
214	COVID-19 and fat embolism: a hypothesis to explain the severe clinical outcome in people with obesity. *International Journal of Obesity*, **2020**, 44, 1800-1802	5.5	15

213	Ciliary Neurotrophic Factor Acts on Distinctive Hypothalamic Arcuate Neurons and Promotes Leptin Entry Into and Action on the Mouse Hypothalamus. *Frontiers in Cellular Neuroscience*, **2020**, 14, 140	6.1	8
212	The Adipose Organ **2020**, 167-183		
211	A large proportion of mediastinal and perirenal visceral fat of Siberian adult people is formed by UCP1 immunoreactive multilocular and paucilocular adipocytes. *Journal of Physiology and Biochemistry*, **2020**, 76, 185-192	5	19
210	Optogenetic-induced sympathetic neuromodulation of brown adipose tissue thermogenesis. *FASEB Journal*, **2020**, 34, 2765-2773	0.9	7
209	Biomarkers of Browning in Cold Exposed Siberian Adults. *Nutrients*, **2020**, 12,	6.7	2
208	Manipulation of Dietary Amino Acids Prevents and Reverses Obesity in Mice Through Multiple Mechanisms That Modulate Energy Homeostasis. *Diabetes*, **2020**, 69, 2324-2339	0.9	11
207	snRNA-seq reveals a subpopulation of adipocytes that regulates thermogenesis. *Nature*, **2020**, 587, 98-102	42.4	92
206	Organo endocrino adiposo 2020: stato dell□rte. *L Endocrinologo*, **2020**, 21, 270-276	0	
205	Galectin-3 gene deletion results in defective adipose tissue maturation and impaired insulin sensitivity and glucose homeostasis. *Scientific Reports*, **2020**, 10, 20070	4.9	2
204	Overexpression of cyclooxygenase-2 in adipocytes reduces fat accumulation in inguinal white adipose tissue and hepatic steatosis in high-fat fed mice. *Scientific Reports*, **2019**, 9, 8979	4.9	12
203	Anatomy and physiology of the nutritional system. *Molecular Aspects of Medicine*, **2019**, 68, 101-107	16.7	16
202	Human brown adipose tissue is phenocopied by classical brown adipose tissue in physiologically humanized mice. *Nature Metabolism*, **2019**, 1, 830-843	14.6	55
201	Altered adipocyte differentiation and unbalanced autophagy in type 2 Familial Partial Lipodystrophy: an in vitro and in vivo study of adipose tissue browning. *Experimental and Molecular Medicine*, **2019**, 51, 1-17	12.8	17
200	Biological Effects of Ciliary Neurotrophic Factor on hMADS Adipocytes. *Frontiers in Endocrinology*, **2019**, 10, 768	5.7	11
199	Melatonin Supplementation Decreases Hypertrophic Obesity and Inflammation Induced by High-Fat Diet in Mice. *Frontiers in Endocrinology*, **2019**, 10, 750	5.7	25
198	The Adipose Organ. *Endocrinology*, **2019**, 51-74	0.1	0
197	Zic1 mRNA is transiently upregulated in subcutaneous fat of acutely cold-exposed mice. *Journal of Cellular Physiology*, **2019**, 234, 2031-2036	7	4
196	White, brown, beige and pink: A rainbow in the adipose organ. *Current Opinion in Endocrine and Metabolic Research*, **2019**, 4, 29-36	1.7	6

195	The Lactating Adipose Organ **2018**, 337-383		
194	Murine Adipose Organ Development **2018**, 385-423		
193	Development in Humans **2018**, 425-455		
192	Murine Brown Adipose Tissue **2018**, 13-79		2
191	Human Brown Adipose Tissue **2018**, 81-105		
190	WAT Murine **2018**, 107-155		
189	Human WAT **2018**, 157-179		
188	Mixed Areas of Adipose Organ **2018**, 181-203		
187	The Adipose Organ: Cold Acclimation **2018**, 205-251		
186	Warm-Acclimated Adipose Organ **2018**, 253-263		
185	The Obese Adipose Organ **2018**, 265-305		
184	Mitochondria Bound to Lipid Droplets Have Unique Bioenergetics, Composition, and Dynamics that Support Lipid Droplet Expansion. *Cell Metabolism*, **2018**, 27, 869-885.e6	24.6	217
183	Brown adipose tissue whitening leads to brown adipocyte death and adipose tissue inflammation. *Journal of Lipid Research*, **2018**, 59, 784-794	6.3	90
182	Pink Adipocytes. *Trends in Endocrinology and Metabolism*, **2018**, 29, 651-666	8.8	41
181	Obesity, Type 2 Diabetes and the Adipose Organ **2018**,		11
180	Mitochondrial fission is associated with UCP1 activity in human brite/beige adipocytes. *Molecular Metabolism*, **2018**, 7, 35-44	8.8	40
179	The Adipose Organ. *Endocrinology*, **2018**, 1-24	0.1	
178	Adipose Organ Development and Remodeling. *Comprehensive Physiology*, **2018**, 8, 1357-1431	7.7	68

177	Adipocyte-secreted BMP8b mediates adrenergic-induced remodeling of the neuro-vascular network in adipose tissue. *Nature Communications*, **2018**, 9, 4974	17.4	58
176	Mammary alveolar epithelial cells convert to brown adipocytes in post-lactating mice. *Journal of Cellular Physiology*, **2017**, 232, 2923-2928	7	19
175	Irisin and musculoskeletal health. *Annals of the New York Academy of Sciences*, **2017**, 1402, 5-9	6.5	64
174	Human White Adipocytes Convert Into "Rainbow" Adipocytes In Vitro. *Journal of Cellular Physiology* , **2017**, 232, 2887-2899	7	24
173	Adipocyte cannabinoid receptor CB1 regulates energy homeostasis and alternatively activated macrophages. *Journal of Clinical Investigation*, **2017**, 127, 4148-4162	15.9	87
172	Lack of NLRP3-inflammasome leads to gut-liver axis derangement, gut dysbiosis and a worsened phenotype in a mouse model of NAFLD. *Scientific Reports*, **2017**, 7, 12200	4.9	41
171	Muscle and adipose tissue morphology, insulin sensitivity and beta-cell function in diabetic and nondiabetic obese patients: effects of bariatric surgery. *Scientific Reports*, **2017**, 7, 9007	4.9	42
170	Irisin prevents and restores bone loss and muscle atrophy in hind-limb suspended mice. *Scientific Reports*, **2017**, 7, 2811	4.9	143
169	UCP1 protein: The molecular hub of adipose organ plasticity. *Biochimie*, **2017**, 134, 71-76	4.6	24
168	Adipose-Specific Deficiency of Fumarate Hydratase in Mice Protects Against Obesity, Hepatic Steatosis, and Insulin Resistance. *Diabetes*, **2016**, 65, 3396-3409	0.9	16
167	p53 regulates expression of uncoupling protein 1 through binding and repression of PPAR coactivator-1*American Journal of Physiology - Endocrinology and Metabolism*, **2016**, 310, E116-28	6	24
166	Stress-induced activation of brown adipose tissue prevents obesity in conditions of low adaptive thermogenesis. *Molecular Metabolism*, **2016**, 5, 19-33	8.8	59
165	Tim Bartness, Ph.D. (1953-2015). *Temperature*, **2016**, 3, 31-8	5.2	2
164	The K+ channel TASK1 modulates adrenergic response in brown adipose tissue through the mineralocorticoid receptor pathway. *FASEB Journal*, **2016**, 30, 909-22	0.9	25
163	Convertible visceral fat as a therapeutic target to curb obesity. *Nature Reviews Drug Discovery*, **2016** , 15, 405-24	64.1	134
162	Possible involvement of inflammatory/reparative processes in the development of uterine fibroids. *Cell and Tissue Research*, **2016**, 364, 415-27	4.2	61
161	Fat-specific Dicer deficiency accelerates aging and mitigates several effects of dietary restriction in mice. *Aging*, **2016**, 8, 1201-22	5.6	38
160	Adipocytes WNT5a mediated dedifferentiation: a possible target in pancreatic cancer microenvironment. *Oncotarget*, **2016**, 7, 20223-35	3.3	49

159	Action of Administered Ciliary Neurotrophic Factor on the Mouse Dorsal Vagal Complex. *Frontiers in Neuroscience*, **2016**, 10, 289	5.1	8
158	Fto-Deficiency Affects the Gene and MicroRNA Expression Involved in Brown Adipogenesis and Browning of White Adipose Tissue in Mice. *International Journal of Molecular Sciences*, **2016**, 17,	6.3	20
157	Biosafety evidence for human dedifferentiated adipocytes. *Journal of Cellular Physiology*, **2015**, 230, 1525-33	7	9
156	The myokine irisin increases cortical bone mass. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 12157-62	11.5	252
155	Activation of transcription factors STAT1 and STAT5 in the mouse median eminence after systemic ciliary neurotrophic factor administration. *Brain Research*, **2015**, 1622, 217-29	3.7	13
154	Heart Fat Infiltration In Subjects With and Without Coronary Artery Disease. *Journal of Clinical Endocrinology and Metabolism*, **2015**, 100, 3364-71	5.6	17
153	Glial-like differentiation potential of human mature adipocytes. *Journal of Molecular Neuroscience*, **2015**, 55, 91-98	3.3	12
152	Plasticity of human dedifferentiated adipocytes toward endothelial cells. *Experimental Hematology*, **2015**, 43, 137-46	3.1	23
151	Insulin resistance and white adipose tissue inflammation are uncoupled in energetically challenged Fsp27-deficient mice. *Nature Communications*, **2015**, 6, 5949	17.4	61
150	MicroRNA-26 family is required for human adipogenesis and drives characteristics of brown adipocytes. *Stem Cells*, **2014**, 32, 1578-90	5.8	124
149	Weight gain reveals dramatic increases in skeletal muscle extracellular matrix remodeling. *Journal of Clinical Endocrinology and Metabolism*, **2014**, 99, 1749-57	5.6	49
148	Increased density of inhibitory noradrenergic parenchymal nerve fibers in hypertrophic islets of Langerhans of obese mice. *Nutrition, Metabolism and Cardiovascular Diseases*, **2014**, 24, 384-92	4.5	11
147	Adipsin is an adipokine that improves cell function in diabetes. *Cell*, **2014**, 158, 41-53	56.2	217
146	Brown and white adipose tissues: intrinsic differences in gene expression and response to cold exposure in mice. *American Journal of Physiology - Endocrinology and Metabolism*, **2014**, 306, E945-64	6	244
145	RIP140 represses the "brown-in-white" adipocyte program including a futile cycle of triacylglycerol breakdown and synthesis. *Molecular Endocrinology*, **2014**, 28, 344-56		41
144	White, brown and pink adipocytes: the extraordinary plasticity of the adipose organ. *European Journal of Endocrinology*, **2014**, 170, R159-71	6.5	160
143	Fibroblast growth factor-21 is expressed in neonatal and pheochromocytoma-induced adult human brown adipose tissue. *Metabolism: Clinical and Experimental*, **2014**, 63, 312-7	12.7	67
142	Hormone-induced mitochondrial fission is utilized by brown adipocytes as an amplification pathway for energy expenditure. *EMBO Journal*, **2014**, 33, 418-36	13	156

141	Irisin enhances osteoblast differentiation in vitro. *International Journal of Endocrinology*, **2014**, 2014, 902186	2.7	119
140	Mineralocorticoid receptor antagonism induces browning of white adipose tissue through impairment of autophagy and prevents adipocyte dysfunction in high-fat-diet-fed mice. *FASEB Journal*, **2014**, 28, 3745-57	0.9	100
139	Molecular aspects of adipoepithelial transdifferentiation in mouse mammary gland. *Stem Cells*, **2014**, 32, 2756-66	5.8	37
138	Ablation of PRDM16 and beige adipose causes metabolic dysfunction and a subcutaneous to visceral fat switch. *Cell*, **2014**, 156, 304-16	56.2	569
137	The Adipose Organ: Morphological Perspectives of Adipose Tissues **2014**, 123-133		
136	Browning of Adipose Organ **2014**, 83-95		
135	Myosteatosis and myofibrosis: relationship with aging, inflammation and insulin resistance. *Archives of Gerontology and Geriatrics*, **2013**, 57, 411-6	4	59
134	Molecular and functional characterization of human bone marrow adipocytes. *Experimental Hematology*, **2013**, 41, 558-566.e2	3.1	59
133	White-to-brown transdifferentiation of omental adipocytes in patients affected by pheochromocytoma. *Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids*, **2013**, 1831, 950-9	5	151
132	Dynamic changes in lipid droplet-associated proteins in the "browning" of white adipose tissues. *Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids*, **2013**, 1831, 924-33	5	71
131	Impaired local production of proresolving lipid mediators in obesity and 17-HDHA as a potential treatment for obesity-associated inflammation. *Diabetes*, **2013**, 62, 1945-56	0.9	150
130	Obese adipocytes show ultrastructural features of stressed cells and die of pyroptosis. *Journal of Lipid Research*, **2013**, 54, 2423-36	6.3	158
129	Adult epicardial fat exhibits beige features. *Journal of Clinical Endocrinology and Metabolism*, **2013**, 98, E1448-55	5.6	112
128	Opposite effects of a high-fat diet and calorie restriction on ciliary neurotrophic factor signaling in the mouse hypothalamus. *Frontiers in Neuroscience*, **2013**, 7, 263	5.1	17
127	Origin of Adipocyte Precursors from Adipose Vascular Endothelium **2013**, 131-156		
126	Cellular and molecular large-scale features of fetal adipose tissue: is bovine perirenal adipose tissue brown?. *Journal of Cellular Physiology*, **2012**, 227, 1688-700	7	19
125	Adipose-specific deletion of TFAM increases mitochondrial oxidation and protects mice against obesity and insulin resistance. *Cell Metabolism*, **2012**, 16, 765-76	24.6	151
124	Zfp423 expression identifies committed preadipocytes and localizes to adipose endothelial and perivascular cells. *Cell Metabolism*, **2012**, 15, 230-9	24.6	308

123	Characterization of a novel peripheral pro-lipolytic mechanism in mice: role of VGF-derived peptide TLQP-21. *Biochemical Journal*, **2012**, 441, 511-22	3.8	50
122	Constitutive expression of ciliary neurotrophic factor in mouse hypothalamus. *Journal of Anatomy*, **2012**, 220, 622-31	2.9	15
121	The vascular endothelium of the adipose tissue gives rise to both white and brown fat cells. *Cell Metabolism*, **2012**, 15, 222-9	24.6	284
120	2-arachidonoylglycerol signaling in forebrain regulates systemic energy metabolism. *Cell Metabolism*, **2012**, 15, 299-310	24.6	80
119	The adipose organ: white-brown adipocyte plasticity and metabolic inflammation. *Obesity Reviews*, **2012**, 13 Suppl 2, 83-96	10.6	120
118	The adipose organ at a glance. *DMM Disease Models and Mechanisms*, **2012**, 5, 588-94	4.1	230
117	Human dedifferentiated adipocytes show similar properties to bone marrow-derived mesenchymal stem cells. *Stem Cells*, **2012**, 30, 965-74	5.8	107
116	A PGC1-□dependent myokine that drives brown-fat-like development of white fat and thermogenesis. *Nature*, **2012**, 481, 463-8	50.4	2762
115	Bostr□m et al. reply. *Nature*, **2012**, 488, E10-E11	50.4	13
114	Between brown and white: novel aspects of adipocyte differentiation. *Annals of Medicine*, **2011**, 43, 104-15	4.5	117
113	ATGL-mediated fat catabolism regulates cardiac mitochondrial function via PPAR-□and PGC-1. *Nature Medicine*, **2011**, 17, 1076-85	50.5	481
112	Plac8 is an inducer of C/EBP□required for brown fat differentiation, thermoregulation, and control of body weight. *Cell Metabolism*, **2011**, 14, 658-70	24.6	78
111	Chronic AMP-kinase activation with AICAR reduces adiposity by remodeling adipocyte metabolism and increasing leptin sensitivity. *Journal of Lipid Research*, **2011**, 52, 1702-11	6.3	54
110	Prdm16 determines the thermogenic program of subcutaneous white adipose tissue in mice. *Journal of Clinical Investigation*, **2011**, 121, 96-105	15.9	857
109	Quantification of intermuscular adipose tissue in the erector spinae muscle by MRI: agreement with histological evaluation. *Obesity*, **2010**, 18, 2379-84	8	38
108	UCP1 induction during recruitment of brown adipocytes in white adipose tissue is dependent on cyclooxygenase activity. *PLoS ONE*, **2010**, 5, e11391	3.7	155
107	A combined transcriptomics and lipidomics analysis of subcutaneous, epididymal and mesenteric adipose tissue reveals marked functional differences. *PLoS ONE*, **2010**, 5, e11525	3.7	74
106	ADD1/SREBP1c activates the PGC1-alpha promoter in brown adipocytes. *Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids*, **2010**, 1801, 421-9	5	19

105	Distribution and development of brown adipocytes in the murine and human adipose organ. *Cell Metabolism*, **2010**, 11, 253-6	24.6	326
104	Plasticity of the Adipose Organ **2010**, 49-67		1
103	In vitro aging of 3T3-L1 mouse adipocytes leads to altered metabolism and response to inflammation. *Biogerontology*, **2010**, 11, 111-22	4.5	24
102	The presence of UCP1 demonstrates that metabolically active adipose tissue in the neck of adult humans truly represents brown adipose tissue. *FASEB Journal*, **2009**, 23, 3113-20	0.9	588
101	Neuronal protein tyrosine phosphatase 1B deficiency results in inhibition of hypothalamic AMPK and isoform-specific activation of AMPK in peripheral tissues. *Molecular and Cellular Biology*, **2009**, 29, 4563-73	4.8	66
100	Complement abnormalities in acquired lipodystrophy revisited. *Journal of Clinical Endocrinology and Metabolism*, **2009**, 94, 10-6	5.6	64
99	Haploinsufficiency of the retinoblastoma protein gene reduces diet-induced obesity, insulin resistance, and hepatosteatosis in mice. *American Journal of Physiology - Endocrinology and Metabolism*, **2009**, 297, E184-93	6	36
98	Partial lipodystrophy and insulin resistant diabetes in a patient with a homozygous nonsense mutation in CIDEC. *EMBO Molecular Medicine*, **2009**, 1, 280-7	12	195
97	In vivo physiological transdifferentiation of adult adipose cells. *Stem Cells*, **2009**, 27, 2761-8	5.8	68
96	Transdifferentiation properties of adipocytes in the adipose organ. *American Journal of Physiology - Endocrinology and Metabolism*, **2009**, 297, E977-86	6	249
95	Reversible physiological transdifferentiation in the adipose organ. *Proceedings of the Nutrition Society*, **2009**, 68, 340-9	2.9	64
94	The Adipose Organ. *Oxidative Stress and Disease*, **2009**, 1-21		
93	Reversible transdifferentiation in the adipose organ. *Pediatric Obesity*, **2008**, 3 Suppl 2, 21-6		7
92	Leptin-dependent STAT3 phosphorylation in postnatal mouse hypothalamus. *Brain Research*, **2008**, 1215, 105-15	3.7	41
91	Adipose organ nerves revealed by immunohistochemistry. *Methods in Molecular Biology*, **2008**, 456, 83-95	1.4	21
90	The NuGO proof of principle study package: a collaborative research effort of the European Nutrigenomics Organisation. *Genes and Nutrition*, **2008**, 3, 147-51	4.3	22
89	Effects of 6-month daily supplementation with oral beta-carotene in combination or not with benzo[a]pyrene on cell-cycle markers in the lung of ferrets. *Journal of Nutritional Biochemistry*, **2008**, 19, 295-304	6.3	19
88	The Adipose Organ **2007**, 3-19		17

87	Brush cells in the human duodenojejunal junction: an ultrastructural study. *Journal of Anatomy*, **2007**, 211, 125-31	2.9	34
86	Reply to Kreier and Buijs: no sympathy for the claim of parasympathetic innervation of white adipose tissue. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2007**, 293, R550-R552	3.2	11
85	Mitochondrial proton leak in obesity-resistant and obesity-prone mice. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2007**, 293, R1773-80	3.2	35
84	Thymus uncoupling protein 1 is exclusive to typical brown adipocytes and is not found in thymocytes. *Journal of Histochemistry and Cytochemistry*, **2007**, 55, 183-9	3.4	28
83	Ectopic brown adipose tissue in muscle provides a mechanism for differences in risk of metabolic syndrome in mice. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 2366-71	11.5	230
82	Decreased brown adipocyte recruitment and thermogenic capacity in mice with impaired peroxisome proliferator-activated receptor (P465L PPARgamma) function. *Endocrinology*, **2006**, 147, 5708-14	4.8	52
81	Remodeling of white adipose tissue after retinoic acid administration in mice. *Endocrinology*, **2006**, 147, 5325-32	4.8	185
80	Leptin deficiency unmasks the deleterious effects of impaired peroxisome proliferator-activated receptor gamma function (P465L PPARgamma) in mice. *Diabetes*, **2006**, 55, 2669-77	0.9	71
79	Functional Anatomy of the Adipose Organ **2006**, 3-22		
78	White adipose tissue lacks significant vagal innervation and immunohistochemical evidence of parasympathetic innervation. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2006**, 291, R1243-55	3.2	109
77	L'organo endocrino adiposo. *L Endocrinologo*, **2006**, 7, 3-10	0	
76	Hypomorphic mutation of PGC-1beta causes mitochondrial dysfunction and liver insulin resistance. *Cell Metabolism*, **2006**, 4, 453-64	24.6	149
75	The role of brown adipose tissue in human obesity. *Nutrition, Metabolism and Cardiovascular Diseases*, **2006**, 16, 569-74	4.5	109
74	In vivo phenotyping of the ob/ob mouse by magnetic resonance imaging and 1H-magnetic resonance spectroscopy. *Obesity*, **2006**, 14, 405-14	8	35
73	Unusual ultrastructural features in microvillous inclusion disease: A report of two cases. *Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin*, **2006**, 448, 805-10	5.1	9
72	Morphology of ferret subcutaneous adipose tissue after 6-month daily supplementation with oral beta-carotene. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2005**, 1740, 305-12	6.9	19
71	Transcriptional coactivator PGC-1 alpha controls the energy state and contractile function of cardiac muscle. *Cell Metabolism*, **2005**, 1, 259-71	24.6	532
70	The adipose organ. *Prostaglandins Leukotrienes and Essential Fatty Acids*, **2005**, 73, 9-15	2.8	394

69	Reduction of macrophage infiltration and chemoattractant gene expression changes in white adipose tissue of morbidly obese subjects after surgery-induced weight loss. *Diabetes*, **2005**, 54, 2277-86	0.9	870
68	Sensory or sympathetic white adipose tissue denervation differentially affects depot growth and cellularity. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2005**, 288, R1028-37	3.2	74
67	The link between nutritional status and insulin sensitivity is dependent on the adipocyte-specific peroxisome proliferator-activated receptor-gamma2 isoform. *Diabetes*, **2005**, 54, 1706-16	0.9	139
66	Regional-dependent increase of sympathetic innervation in rat white adipose tissue during prolonged fasting. *Journal of Histochemistry and Cytochemistry*, **2005**, 53, 679-87	3.4	65
65	Adipocyte death defines macrophage localization and function in adipose tissue of obese mice and humans. *Journal of Lipid Research*, **2005**, 46, 2347-55	6.3	1680
64	Retinoblastoma protein functions as a molecular switch determining white versus brown adipocyte differentiation. *Proceedings of the National Academy of Sciences of the United States of America*, **2004**, 101, 4112-7	11.5	231
63	Zinc-alpha2-glycoprotein, a lipid mobilizing factor, is expressed in adipocytes and is up-regulated in mice with cancer cachexia. *Proceedings of the National Academy of Sciences of the United States of America*, **2004**, 101, 2500-5	11.5	241
62	Presence and distribution of cholinergic nerves in rat mediastinal brown adipose tissue. *Journal of Histochemistry and Cytochemistry*, **2004**, 52, 923-30	3.4	44
61	Reversible transdifferentiation of secretory epithelial cells into adipocytes in the mammary gland. *Proceedings of the National Academy of Sciences of the United States of America*, **2004**, 101, 16801-6	11.5	120
60	The imprinted signaling protein XL alpha s is required for postnatal adaptation to feeding. *Nature Genetics*, **2004**, 36, 818-26	36.3	245
59	Defects in adaptive energy metabolism with CNS-linked hyperactivity in PGC-1alpha null mice. *Cell*, **2004**, 119, 121-35	56.2	957
58	Mosaic analysis of insulin receptor function. *Journal of Clinical Investigation*, **2004**, 113, 209-19	15.9	32
57	Human metabolic syndrome resulting from dominant-negative mutations in the nuclear receptor peroxisome proliferator-activated receptor-gamma. *Diabetes*, **2003**, 52, 910-7	0.9	361
56	Sema3A and neuropilin-1 expression and distribution in rat white adipose tissue. *Journal of Neurocytology*, **2003**, 32, 345-52		12
55	Beta 3-adrenoceptor knockout in C57BL/6J mice depresses the occurrence of brown adipocytes in white fat. *FEBS Journal*, **2003**, 270, 699-705		125
54	Perinatal expression of leptin in rat stomach. *Developmental Dynamics*, **2002**, 223, 148-54	2.9	58
53	Obesity modulates the expression of haptoglobin in the white adipose tissue via TNFalpha. *Journal of Cellular Physiology*, **2002**, 190, 251-8	7	69
52	Expression of the uncoupling protein 1 from the aP2 gene promoter stimulates mitochondrial biogenesis in unilocular adipocytes in vivo. *FEBS Journal*, **2002**, 269, 19-28		58

51	CL316,243 and cold stress induce heterogeneous expression of UCP1 mRNA and protein in rodent brown adipocytes. *Journal of Histochemistry and Cytochemistry*, **2002**, 50, 21-31	3.4	56
50	Insulin resistance in morbid obesity: reversal with intramyocellular fat depletion. *Diabetes*, **2002**, 51, 144-51	0.9	424
49	Adipocyte differentiation and transdifferentiation: plasticity of the adipose organ. *Journal of Endocrinological Investigation*, **2002**, 25, 823-35	5.2	160
48	betaAR signaling required for diet-induced thermogenesis and obesity resistance. *Science*, **2002**, 297, 843-5	33.3	633
47	Evidence for a functional nitric oxide synthase system in brown adipocyte nucleus. *FEBS Letters*, **2002**, 514, 135-40	3.8	84
46	Defective insulin secretion in pancreatic cells lacking type 1 IGF receptor. *Journal of Clinical Investigation*, **2002**, 110, 1011-1019	15.9	138
45	Primary ciliary dyskinesia: diagnosis in children with inconclusive ultrastructural evaluation. *Pediatric Allergy and Immunology*, **2001**, 12, 274-82	4.2	21
44	Sema3a is produced by brown adipocytes and its secretion is reduced following cold acclimation. *Journal of Neurocytology*, **2001**, 30, 5-10		10
43	Corticosteroid-binding globulin synthesis and distribution in rat white adipose tissue. *Molecular and Cellular Biochemistry*, **2001**, 228, 25-31	4.2	15
42	The adipose organ: morphological perspectives of adipose tissues. *Proceedings of the Nutrition Society*, **2001**, 60, 319-28	2.9	160
41	Morphologic techniques for the study of brown adipose tissue and white adipose tissue. *Methods in Molecular Biology*, **2001**, 155, 21-51	1.4	35
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