

Saverio Cinti

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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	Mechanisms controlling mitochondrial biogenesis and respiration through the thermogenic coactivator PGC-1. <i>Cell</i> , 1999 , 98, 115-24	56.2	3085
229	A PGC1- in dependent myokine that drives brown-fat-like development of white fat and thermogenesis. <i>Nature</i> , 2012 , 481, 463-8	50.4	2762
228	Adipocyte death defines macrophage localization and function in adipose tissue of obese mice and humans. <i>Journal of Lipid Research</i> , 2005 , 46, 2347-55	6.3	1680
227	Defects in adaptive energy metabolism with CNS-linked hyperactivity in PGC-1alpha null mice. <i>Cell</i> , 2004 , 119, 121-35	56.2	957
226	Reduction of macrophage infiltration and chemoattractant gene expression changes in white adipose tissue of morbidly obese subjects after surgery-induced weight loss. <i>Diabetes</i> , 2005 , 54, 2277-86	0.9	870
225	Prdm16 determines the thermogenic program of subcutaneous white adipose tissue in mice. <i>Journal of Clinical Investigation</i> , 2011 , 121, 96-105	15.9	857
224	betaAR signaling required for diet-induced thermogenesis and obesity resistance. <i>Science</i> , 2002 , 297, 843-5	33.3	633
223	The presence of UCP1 demonstrates that metabolically active adipose tissue in the neck of adult humans truly represents brown adipose tissue. <i>FASEB Journal</i> , 2009 , 23, 3113-20	0.9	588
222	Ablation of PRDM16 and beige adipose causes metabolic dysfunction and a subcutaneous to visceral fat switch. <i>Cell</i> , 2014 , 156, 304-16	56.2	569
221	Transcriptional coactivator PGC-1 alpha controls the energy state and contractile function of cardiac muscle. <i>Cell Metabolism</i> , 2005 , 1, 259-71	24.6	532
220	ATGL-mediated fat catabolism regulates cardiac mitochondrial function via PPAR- in and PGC-1. <i>Nature Medicine</i> , 2011 , 17, 1076-85	50.5	481
219	Insulin resistance in morbid obesity: reversal with intramyocellular fat depletion. <i>Diabetes</i> , 2002 , 51, 144-51	0.9	424
218	The adipose organ. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2005 , 73, 9-15	2.8	394
217	Human metabolic syndrome resulting from dominant-negative mutations in the nuclear receptor peroxisome proliferator-activated receptor-gamma. <i>Diabetes</i> , 2003 , 52, 910-7	0.9	361
216	Distribution and development of brown adipocytes in the murine and human adipose organ. <i>Cell Metabolism</i> , 2010 , 11, 253-6	24.6	326
215	Zfp423 expression identifies committed preadipocytes and localizes to adipose endothelial and perivascular cells. <i>Cell Metabolism</i> , 2012 , 15, 230-9	24.6	308
214	The vascular endothelium of the adipose tissue gives rise to both white and brown fat cells. <i>Cell Metabolism</i> , 2012 , 15, 222-9	24.6	284

213	The myokine irisin increases cortical bone mass. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 12157-62	11.5	252
212	Transdifferentiation properties of adipocytes in the adipose organ. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009 , 297, E977-86	6	249
211	The imprinted signaling protein XL alpha s is required for postnatal adaptation to feeding. <i>Nature Genetics</i> , 2004 , 36, 818-26	36.3	245
210	Brown and white adipose tissues: intrinsic differences in gene expression and response to cold exposure in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014 , 306, E945-64	6	244
209	Zinc-alpha2-glycoprotein, a lipid mobilizing factor, is expressed in adipocytes and is up-regulated in mice with cancer cachexia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 2500-5	11.5	241
208	Retinoblastoma protein functions as a molecular switch determining white versus brown adipocyte differentiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 4112-7	11.5	231
207	The adipose organ at a glance. <i>DMM Disease Models and Mechanisms</i> , 2012 , 5, 588-94	4.1	230
206	Ectopic brown adipose tissue in muscle provides a mechanism for differences in risk of metabolic syndrome in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 2366-71	11.5	230
205	Mitochondria Bound to Lipid Droplets Have Unique Bioenergetics, Composition, and Dynamics that Support Lipid Droplet Expansion. <i>Cell Metabolism</i> , 2018 , 27, 869-885.e6	24.6	217
204	Adipsin is an adipokine that improves cell function in diabetes. <i>Cell</i> , 2014 , 158, 41-53	56.2	217
203	Partial lipodystrophy and insulin resistant diabetes in a patient with a homozygous nonsense mutation in CIDEC. <i>EMBO Molecular Medicine</i> , 2009 , 1, 280-7	12	195
202	Remodeling of white adipose tissue after retinoic acid administration in mice. <i>Endocrinology</i> , 2006 , 147, 5325-32	4.8	185
201	Immunohistochemical localization of leptin and uncoupling protein in white and brown adipose tissue. <i>Endocrinology</i> , 1997 , 138, 797-804	4.8	173
200	White, brown and pink adipocytes: the extraordinary plasticity of the adipose organ. <i>European Journal of Endocrinology</i> , 2014 , 170, R159-71	6.5	160
199	Adipocyte differentiation and transdifferentiation: plasticity of the adipose organ. <i>Journal of Endocrinological Investigation</i> , 2002 , 25, 823-35	5.2	160
198	The adipose organ: morphological perspectives of adipose tissues. <i>Proceedings of the Nutrition Society</i> , 2001 , 60, 319-28	2.9	160
197	Obese adipocytes show ultrastructural features of stressed cells and die of pyroptosis. <i>Journal of Lipid Research</i> , 2013 , 54, 2423-36	6.3	158
196	Hormone-induced mitochondrial fission is utilized by brown adipocytes as an amplification pathway for energy expenditure. <i>EMBO Journal</i> , 2014 , 33, 418-36	13	156

195	UCP1 induction during recruitment of brown adipocytes in white adipose tissue is dependent on cyclooxygenase activity. <i>PLoS ONE</i> , 2010 , 5, e11391	3.7	155
194	Adipose-specific deletion of TFAM increases mitochondrial oxidation and protects mice against obesity and insulin resistance. <i>Cell Metabolism</i> , 2012 , 16, 765-76	24.6	151
193	White-to-brown transdifferentiation of omental adipocytes in patients affected by pheochromocytoma. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2013 , 1831, 950-5	5	151
192	Impaired local production of proresolving lipid mediators in obesity and 17-HDHA as a potential treatment for obesity-associated inflammation. <i>Diabetes</i> , 2013 , 62, 1945-56	0.9	150
191	Hypomorphic mutation of PGC-1beta causes mitochondrial dysfunction and liver insulin resistance. <i>Cell Metabolism</i> , 2006 , 4, 453-64	24.6	149
190	Irisin prevents and restores bone loss and muscle atrophy in hind-limb suspended mice. <i>Scientific Reports</i> , 2017 , 7, 2811	4.9	143
189	The link between nutritional status and insulin sensitivity is dependent on the adipocyte-specific peroxisome proliferator-activated receptor-gamma2 isoform. <i>Diabetes</i> , 2005 , 54, 1706-16	0.9	139
188	Defective insulin secretion in pancreatic β cells lacking type 1 IGF receptor. <i>Journal of Clinical Investigation</i> , 2002 , 110, 1011-1019	15.9	138
187	Convertible visceral fat as a therapeutic target to curb obesity. <i>Nature Reviews Drug Discovery</i> , 2016 , 15, 405-24	64.1	134
186	Beta 3-adrenoceptor knockout in C57BL/6J mice depresses the occurrence of brown adipocytes in white fat. <i>FEBS Journal</i> , 2003 , 270, 699-705		125
185	MicroRNA-26 family is required for human adipogenesis and drives characteristics of brown adipocytes. <i>Stem Cells</i> , 2014 , 32, 1578-90	5.8	124
184	The adipose organ: white-brown adipocyte plasticity and metabolic inflammation. <i>Obesity Reviews</i> , 2012 , 13 Suppl 2, 83-96	10.6	120
183	Reversible transdifferentiation of secretory epithelial cells into adipocytes in the mammary gland. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 16801-6	11.5	120
182	Irisin enhances osteoblast differentiation in vitro. <i>International Journal of Endocrinology</i> , 2014 , 2014, 902186	2.7	119
181	Between brown and white: novel aspects of adipocyte differentiation. <i>Annals of Medicine</i> , 2011 , 43, 104-15	15	117
180	Adult epicardial fat exhibits beige features. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013 , 98, E1448-55	5.6	112
179	White adipose tissue lacks significant vagal innervation and immunohistochemical evidence of parasympathetic innervation. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2006 , 291, R1243-55	3.2	109
178	The role of brown adipose tissue in human obesity. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2006 , 16, 569-74	4.5	109

177	Human dedifferentiated adipocytes show similar properties to bone marrow-derived mesenchymal stem cells. <i>Stem Cells</i> , 2012 , 30, 965-74	5.8	107
176	Mineralocorticoid receptor antagonism induces browning of white adipose tissue through impairment of autophagy and prevents adipocyte dysfunction in high-fat-diet-fed mice. <i>FASEB Journal</i> , 2014 , 28, 3745-57	0.9	100
175	Tyrosine hydroxylase, neuropeptide Y, substance P, calcitonin gene-related peptide and vasoactive intestinal peptide in nerves of rat periovarian adipose tissue: an immunohistochemical and ultrastructural investigation. <i>Journal of Neurocytology</i> , 1996 , 25, 125-36		96
174	snRNA-seq reveals a subpopulation of adipocytes that regulates thermogenesis. <i>Nature</i> , 2020 , 587, 98-102	2.4	92
173	Brown adipose tissue whitening leads to brown adipocyte death and adipose tissue inflammation. <i>Journal of Lipid Research</i> , 2018 , 59, 784-794	6.3	90
172	Adipocyte cannabinoid receptor CB1 regulates energy homeostasis and alternatively activated macrophages. <i>Journal of Clinical Investigation</i> , 2017 , 127, 4148-4162	15.9	87
171	Evidence for a functional nitric oxide synthase system in brown adipocyte nucleus. <i>FEBS Letters</i> , 2002 , 514, 135-40	3.8	84
170	2-arachidonoylglycerol signaling in forebrain regulates systemic energy metabolism. <i>Cell Metabolism</i> , 2012 , 15, 299-310	24.6	80
169	Plac8 is an inducer of C/EBP β required for brown fat differentiation, thermoregulation, and control of body weight. <i>Cell Metabolism</i> , 2011 , 14, 658-70	24.6	78
168	Fasting inhibits natriuretic peptides clearance receptor expression in rat adipose tissue. <i>Journal of Hypertension</i> , 1995 , 13, 1241-6	1.9	77
167	A combined transcriptomics and lipidomics analysis of subcutaneous, epididymal and mesenteric adipose tissue reveals marked functional differences. <i>PLoS ONE</i> , 2010 , 5, e11525	3.7	74
166	Sensory or sympathetic white adipose tissue denervation differentially affects depot growth and cellularity. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2005 , 288, R1028-37	3.2	74
165	Expression of human alpha 2-adrenergic receptors in adipose tissue of beta 3-adrenergic receptor-deficient mice promotes diet-induced obesity. <i>Journal of Biological Chemistry</i> , 2000 , 275, 34797-802	5.4	72
164	Dynamic changes in lipid droplet-associated proteins in the "browning" of white adipose tissues. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2013 , 1831, 924-33	5	71
163	TH-, NPY-, SP-, and CGRP-immunoreactive nerves in interscapular brown adipose tissue of adult rats acclimated at different temperatures: an immunohistochemical study. <i>Journal of Neurocytology</i> , 1998 , 27, 877-86		71
162	Leptin deficiency unmasks the deleterious effects of impaired peroxisome proliferator-activated receptor gamma function (P465L PPARgamma) in mice. <i>Diabetes</i> , 2006 , 55, 2669-77	0.9	71
161	Obesity modulates the expression of haptoglobin in the white adipose tissue via TNFalpha. <i>Journal of Cellular Physiology</i> , 2002 , 190, 251-8	7	69
160	In vivo physiological transdifferentiation of adult adipose cells. <i>Stem Cells</i> , 2009 , 27, 2761-8	5.8	68

159	Adipose Organ Development and Remodeling. <i>Comprehensive Physiology</i> , 2018 , 8, 1357-1431	7.7	68
158	Fibroblast growth factor-21 is expressed in neonatal and pheochromocytoma-induced adult human brown adipose tissue. <i>Metabolism: Clinical and Experimental</i> , 2014 , 63, 312-7	12.7	67
157	Neuronal protein tyrosine phosphatase 1B deficiency results in inhibition of hypothalamic AMPK and isoform-specific activation of AMPK in peripheral tissues. <i>Molecular and Cellular Biology</i> , 2009 , 29, 4563-73	4.8	66
156	Regional-dependent increase of sympathetic innervation in rat white adipose tissue during prolonged fasting. <i>Journal of Histochemistry and Cytochemistry</i> , 2005 , 53, 679-87	3.4	65
155	Irisin and musculoskeletal health. <i>Annals of the New York Academy of Sciences</i> , 2017 , 1402, 5-9	6.5	64
154	Complement abnormalities in acquired lipodystrophy revisited. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009 , 94, 10-6	5.6	64
153	Reversible physiological transdifferentiation in the adipose organ. <i>Proceedings of the Nutrition Society</i> , 2009 , 68, 340-9	2.9	64
152	Possible involvement of inflammatory/reparative processes in the development of uterine fibroids. <i>Cell and Tissue Research</i> , 2016 , 364, 415-27	4.2	61
151	Insulin resistance and white adipose tissue inflammation are uncoupled in energetically challenged Fsp27-deficient mice. <i>Nature Communications</i> , 2015 , 6, 5949	17.4	61
150	Stress-induced activation of brown adipose tissue prevents obesity in conditions of low adaptive thermogenesis. <i>Molecular Metabolism</i> , 2016 , 5, 19-33	8.8	59
149	Myosteatorsis and myofibrosis: relationship with aging, inflammation and insulin resistance. <i>Archives of Gerontology and Geriatrics</i> , 2013 , 57, 411-6	4	59
148	Molecular and functional characterization of human bone marrow adipocytes. <i>Experimental Hematology</i> , 2013 , 41, 558-566.e2	3.1	59
147	Perinatal expression of leptin in rat stomach. <i>Developmental Dynamics</i> , 2002 , 223, 148-54	2.9	58
146	Expression of the uncoupling protein 1 from the aP2 gene promoter stimulates mitochondrial biogenesis in unilocular adipocytes in vivo. <i>FEBS Journal</i> , 2002 , 269, 19-28		58
145	Adipocyte-secreted BMP8b mediates adrenergic-induced remodeling of the neuro-vascular network in adipose tissue. <i>Nature Communications</i> , 2018 , 9, 4974	17.4	58
144	Ultrastructural immunolocalization of leptin receptor in mouse brain. <i>Neuroendocrinology</i> , 1998 , 68, 412-96	3.6	57
143	CL316,243 and cold stress induce heterogeneous expression of UCP1 mRNA and protein in rodent brown adipocytes. <i>Journal of Histochemistry and Cytochemistry</i> , 2002 , 50, 21-31	3.4	56
142	Human brown adipose tissue is phenocopied by classical brown adipose tissue in physiologically humanized mice. <i>Nature Metabolism</i> , 2019 , 1, 830-843	14.6	55

141	Chronic AMP-kinase activation with AICAR reduces adiposity by remodeling adipocyte metabolism and increasing leptin sensitivity. <i>Journal of Lipid Research</i> , 2011 , 52, 1702-11	6.3	54
140	Decreased brown adipocyte recruitment and thermogenic capacity in mice with impaired peroxisome proliferator-activated receptor (P465L PPARGgamma) function. <i>Endocrinology</i> , 2006 , 147, 5708-14	4.8	52
139	Characterization of a novel peripheral pro-lipolytic mechanism in mice: role of VGF-derived peptide TLQP-21. <i>Biochemical Journal</i> , 2012 , 441, 511-22	3.8	50
138	Weight gain reveals dramatic increases in skeletal muscle extracellular matrix remodeling. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, 1749-57	5.6	49
137	Adipocytes WNT5a mediated dedifferentiation: a possible target in pancreatic cancer microenvironment. <i>Oncotarget</i> , 2016 , 7, 20223-35	3.3	49
136	Role of sympathetic activity in controlling the expression of vascular endothelial growth factor in brown fat cells of lean and genetically obese rats. <i>FEBS Letters</i> , 1999 , 442, 167-72	3.8	48
135	Presence and distribution of cholinergic nerves in rat mediastinal brown adipose tissue. <i>Journal of Histochemistry and Cytochemistry</i> , 2004 , 52, 923-30	3.4	44
134	Bone marrow adipose tissue is a unique adipose subtype with distinct roles in glucose homeostasis. <i>Nature Communications</i> , 2020 , 11, 3097	17.4	43
133	Muscle and adipose tissue morphology, insulin sensitivity and beta-cell function in diabetic and nondiabetic obese patients: effects of bariatric surgery. <i>Scientific Reports</i> , 2017 , 7, 9007	4.9	42
132	Unresponsive enteropathy associated with circulating enterocyte autoantibodies in a boy with common variable hypogammaglobulinemia and type I diabetes. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 1988 , 7, 608-13	2.8	42
131	Pink Adipocytes. <i>Trends in Endocrinology and Metabolism</i> , 2018 , 29, 651-666	8.8	41
130	RIP140 represses the "brown-in-white" adipocyte program including a futile cycle of triacylglycerol breakdown and synthesis. <i>Molecular Endocrinology</i> , 2014 , 28, 344-56		41
129	Lack of NLRP3-inflammasome leads to gut-liver axis derangement, gut dysbiosis and a worsened phenotype in a mouse model of NAFLD. <i>Scientific Reports</i> , 2017 , 7, 12200	4.9	41
128	Leptin-dependent STAT3 phosphorylation in postnatal mouse hypothalamus. <i>Brain Research</i> , 2008 , 1215, 105-15	3.7	41
127	Mitochondrial fission is associated with UCP1 activity in human brite/beige adipocytes. <i>Molecular Metabolism</i> , 2018 , 7, 35-44	8.8	40
126	Quantification of intermuscular adipose tissue in the erector spinae muscle by MRI: agreement with histological evaluation. <i>Obesity</i> , 2010 , 18, 2379-84	8	38
125	Fat-specific Dicer deficiency accelerates aging and mitigates several effects of dietary restriction in mice. <i>Aging</i> , 2016 , 8, 1201-22	5.6	38
124	Molecular aspects of adipoepithelial transdifferentiation in mouse mammary gland. <i>Stem Cells</i> , 2014 , 32, 2756-66	5.8	37

123	Haploinsufficiency of the retinoblastoma protein gene reduces diet-induced obesity, insulin resistance, and hepatosteatosis in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009 , 297, E184-93	6	36
122	Anatomy of the adipose organ. <i>Eating and Weight Disorders</i> , 2000 , 5, 132-42	3.6	36
121	Liposarcoma. An ultrastructural study of 15 cases. <i>American Journal of Clinical Pathology</i> , 1986 , 85, 649-679		36
120	Mitochondrial proton leak in obesity-resistant and obesity-prone mice. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007 , 293, R1773-80	3.2	35
119	In vivo phenotyping of the ob/ob mouse by magnetic resonance imaging and ¹ H-magnetic resonance spectroscopy. <i>Obesity</i> , 2006 , 14, 405-14	8	35
118	Morphologic techniques for the study of brown adipose tissue and white adipose tissue. <i>Methods in Molecular Biology</i> , 2001 , 155, 21-51	1.4	35
117	Brush cells in the human duodenojejunal junction: an ultrastructural study. <i>Journal of Anatomy</i> , 2007 , 211, 125-31	2.9	34
116	Mosaic analysis of insulin receptor function. <i>Journal of Clinical Investigation</i> , 2004 , 113, 209-19	15.9	32
115	S-100 protein in rat brown adipose tissue under different functional conditions: a morphological, immunocytochemical, and immunochemical study. <i>Experimental Cell Research</i> , 1993 , 208, 226-31	4.2	31
114	S-100 protein in white preadipocytes: an immunoelectronmicroscopic study. <i>The Anatomical Record</i> , 1989 , 224, 466-72		31
113	The retractile testis can be a cause of adult infertility. <i>Fertility and Sterility</i> , 1997 , 68, 1051-8	4.8	29
112	Thymus uncoupling protein 1 is exclusive to typical brown adipocytes and is not found in thymocytes. <i>Journal of Histochemistry and Cytochemistry</i> , 2007 , 55, 183-9	3.4	28
111	Immunoelectron microscopical identification of the uncoupling protein in brown adipose tissue mitochondria. <i>Biology of the Cell</i> , 1989 , 67, 359-362	3.5	28
110	Skin abnormalities and autonomic involvement in the early stage of amyotrophic lateral sclerosis. <i>Journal of the Neurological Sciences</i> , 1994 , 126, 54-61	3.2	26
109	The K ⁺ channel TASK1 modulates β adrenergic response in brown adipose tissue through the mineralocorticoid receptor pathway. <i>FASEB Journal</i> , 2016 , 30, 909-22	0.9	25
108	Melatonin Supplementation Decreases Hypertrophic Obesity and Inflammation Induced by High-Fat Diet in Mice. <i>Frontiers in Endocrinology</i> , 2019 , 10, 750	5.7	25
107	Human White Adipocytes Convert Into "Rainbow" Adipocytes In Vitro. <i>Journal of Cellular Physiology</i> , 2017 , 232, 2887-2899	7	24
106	p53 regulates expression of uncoupling protein 1 through binding and repression of PPAR α coactivator-1. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016 , 310, E116-28	6	24

105	UCP1 protein: The molecular hub of adipose organ plasticity. <i>Biochimie</i> , 2017 , 134, 71-76	4.6	24
104	In vitro aging of 3T3-L1 mouse adipocytes leads to altered metabolism and response to inflammation. <i>Biogerontology</i> , 2010 , 11, 111-22	4.5	24
103	Immunohistochemical identification of the uncoupling protein in human hibernoma. <i>Biology of the Cell</i> , 1994 , 80, 75-8	3.5	24
102	Plasticity of human dedifferentiated adipocytes toward endothelial cells. <i>Experimental Hematology</i> , 2015 , 43, 137-46	3.1	23
101	The NuGO proof of principle study package: a collaborative research effort of the European Nutrigenomics Organisation. <i>Genes and Nutrition</i> , 2008 , 3, 147-51	4.3	22
100	Adipose organ nerves revealed by immunohistochemistry. <i>Methods in Molecular Biology</i> , 2008 , 456, 83-95	5.4	21
99	Primary ciliary dyskinesia: diagnosis in children with inconclusive ultrastructural evaluation. <i>Pediatric Allergy and Immunology</i> , 2001 , 12, 274-82	4.2	21
98	Fto-Deficiency Affects the Gene and MicroRNA Expression Involved in Brown Adipogenesis and Browning of White Adipose Tissue in Mice. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	20
97	Mammary alveolar epithelial cells convert to brown adipocytes in post-lactating mice. <i>Journal of Cellular Physiology</i> , 2017 , 232, 2923-2928	7	19
96	Cellular and molecular large-scale features of fetal adipose tissue: is bovine perirenal adipose tissue brown?. <i>Journal of Cellular Physiology</i> , 2012 , 227, 1688-700	7	19
95	ADD1/SREBP1c activates the PGC1-alpha promoter in brown adipocytes. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2010 , 1801, 421-9	5	19
94	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. <i>Journal of Nutritional Biochemistry</i> , 2008 , 19, 295-304	6.3	19
93	Morphology of ferret subcutaneous adipose tissue after 6-month daily supplementation with oral beta-carotene. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2005 , 1740, 305-12	6.9	19
92	Oleoyl-estrone does not have direct estrogenic effects on rats. <i>Life Sciences</i> , 2001 , 69, 749-61	6.8	19
91	A large proportion of mediastinal and perirenal visceral fat of Siberian adult people is formed by UCP1 immunoreactive multilocular and paucilocular adipocytes. <i>Journal of Physiology and Biochemistry</i> , 2020 , 76, 185-192	5	19
90	Expression and distribution of heme oxygenase-1 and -2 in rat brown adipose tissue: the modulatory role of the noradrenergic system. <i>FEBS Letters</i> , 2000 , 487, 171-5	3.8	18
89	Increased tight junction width in two children with Meibrier's disease. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 1990 , 11, 123-7	2.8	18
88	Ultrastructural features of cultured mature adipocyte precursors from adipose tissue in multiple symmetric lipomatosis. <i>Ultrastructural Pathology</i> , 1983 , 5, 145-52	1.3	18

87	Altered adipocyte differentiation and unbalanced autophagy in type 2 Familial Partial Lipodystrophy: an in vitro and in vivo study of adipose tissue browning. <i>Experimental and Molecular Medicine</i> , 2019 , 51, 1-17	12.8	17
86	Heart Fat Infiltration In Subjects With and Without Coronary Artery Disease. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, 3364-71	5.6	17
85	Opposite effects of a high-fat diet and calorie restriction on ciliary neurotrophic factor signaling in the mouse hypothalamus. <i>Frontiers in Neuroscience</i> , 2013 , 7, 263	5.1	17
84	The Adipose Organ 2007 , 3-19		17
83	Anatomy and physiology of the nutritional system. <i>Molecular Aspects of Medicine</i> , 2019 , 68, 101-107	16.7	16
82	Adipose-Specific Deficiency of Fumarate Hydratase in Mice Protects Against Obesity, Hepatic Steatosis, and Insulin Resistance. <i>Diabetes</i> , 2016 , 65, 3396-3409	0.9	16
81	COVID-19 and fat embolism: a hypothesis to explain the severe clinical outcome in people with obesity. <i>International Journal of Obesity</i> , 2020 , 44, 1800-1802	5.5	15
80	Constitutive expression of ciliary neurotrophic factor in mouse hypothalamus. <i>Journal of Anatomy</i> , 2012 , 220, 622-31	2.9	15
79	Corticosteroid-binding globulin synthesis and distribution in rat white adipose tissue. <i>Molecular and Cellular Biochemistry</i> , 2001 , 228, 25-31	4.2	15
78	Ultrastructure of human parathyroid cells in health and disease. <i>Microscopy Research and Technique</i> , 1995 , 32, 164-79	2.8	15
77	An ultrastructural morphometric analysis of the adenohypophysis of lactating rats. <i>The Anatomical Record</i> , 1985 , 212, 381-90		14
76	Activation of transcription factors STAT1 and STAT5 in the mouse median eminence after systemic ciliary neurotrophic factor administration. <i>Brain Research</i> , 2015 , 1622, 217-29	3.7	13
75	Boström et al. reply. <i>Nature</i> , 2012 , 488, E10-E11	50.4	13
74	Overexpression of cyclooxygenase-2 in adipocytes reduces fat accumulation in inguinal white adipose tissue and hepatic steatosis in high-fat fed mice. <i>Scientific Reports</i> , 2019 , 9, 8979	4.9	12
73	Glial-like differentiation potential of human mature adipocytes. <i>Journal of Molecular Neuroscience</i> , 2015 , 55, 91-98	3.3	12
72	Sema3A and neuropilin-1 expression and distribution in rat white adipose tissue. <i>Journal of Neurocytology</i> , 2003 , 32, 345-52		12
71	Increased density of inhibitory noradrenergic parenchymal nerve fibers in hypertrophic islets of Langerhans of obese mice. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2014 , 24, 384-92	4.5	11
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69	Obesity, Type 2 Diabetes and the Adipose Organ 2018 ,		11
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