Saverio Cinti

List of Publications by Year
in descending order

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229 papers	31,971 citations	7551 77 h-index	4203 174 g-index
244 all docs	244 docs citations	244 times ranked	32711 citing authors

#	Article	IF	Citations
1	A PGC1-Î±-dependent myokine that drives brown-fat-like development of white fat and thermogenesis. Nature, 2012, 481, 463-468.	13.7	3,646
2	Mechanisms Controlling Mitochondrial Biogenesis and Respiration through the Thermogenic Coactivator PGC-1. Cell, 1999, 98, 115-124.	13.5	3,545
3	Adipocyte death defines macrophage localization and function in adipose tissue of obese mice and humans. Journal of Lipid Research, 2005, 46, 2347-2355.	2.0	2,001
4	Defects in Adaptive Energy Metabolism with CNS-Linked Hyperactivity in PGC-1Î± Null Mice. Cell, 2004, 119, 121-135.	13.5	1,074
5	Prdm16 determines the thermogenic program of subcutaneous white adipose tissue in mice. Journal of Clinical Investigation, 2011, 121, 96-105.	3.9	1,036
6	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, 2277-2286.	0.3	992
7	beta AR Signaling Required for Diet-Induced Thermogenesis and Obesity Resistance. Science, 2002, 297, 843-845.	6.0	738
8	Ablation of PRDM16 and Beige Adipose Causes Metabolic Dysfunction and a Subcutaneous to Visceral Fat Switch. Cell, 2014, 156, 304-316.	13.5	719
9	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, 3113-3120.	0.2	667
10	ATGL-mediated fat catabolism regulates cardiac mitochondrial function via PPAR-Î± and PGC-1. Nature Medicine, 2011, 17, 1076-1085.	15.2	612
11	Transcriptional coactivator PGC-1Î± controls the energy state and contractile function of cardiac muscle. Cell Metabolism, 2005, 1, 259-271.	7.2	608
12	The adipose organ. Prostaglandins Leukotrienes and Essential Fatty Acids, 2005, 73, 9-15.	1.0	468
13	Insulin Resistance in Morbid Obesity: Reversal With Intramyocellular Fat Depletion. Diabetes, 2002, 51, 144-151.	0.3	464
14	Human Metabolic Syndrome Resulting From Dominant-Negative Mutations in the Nuclear Receptor Peroxisome Proliferator-Activated Receptor-Â. Diabetes, 2003, 52, 910-917.	0.3	412
15	Distribution and Development of Brown Adipocytes in the Murine and Human Adipose Organ. Cell Metabolism, 2010, 11, 253-256.	7.2	376
16	The myokine irisin increases cortical bone mass. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 12157-12162.	3.3	372
17	Zfp423 Expression Identifies Committed Preadipocytes and Localizes to Adipose Endothelial and Perivascular Cells. Cell Metabolism, 2012, 15, 230-239.	7.2	362
18	Mitochondria Bound to Lipid Droplets Have Unique Bioenergetics, Composition, and Dynamics that Support Lipid Droplet Expansion. Cell Metabolism, 2018, 27, 869-885.e6.	7.2	359

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19	The Vascular Endothelium of the Adipose Tissue Gives Rise to Both White and Brown Fat Cells. Cell Metabolism, 2012, 15, 222-229.	7.2	334
20	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-E964.	1.8	296
21	Transdifferentiation properties of adipocytes in the adipose organ. American Journal of Physiology - Endocrinology and Metabolism, 2009, 297, E977-E986.	1.8	294
22	The adipose organ at a glance. DMM Disease Models and Mechanisms, 2012, 5, 588-594.	1.2	291
23	Adipsin Is an Adipokine that Improves Î² Cell Function in Diabetes. Cell, 2014, 158, 41-53.	13.5	284
24	The imprinted signaling protein XLÎ±s is required for postnatal adaptation to feeding. Nature Genetics, 2004, 36, 818-826.	9.4	279
25	Zinc-Â2-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, 2500-2505.	3.3	269
26	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, 2366-2371.	3.3	256
27	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, 4112-4117.	3.3	244
28	Partial lipodystrophy and insulin resistant diabetes in a patient with a homozygous nonsense mutation in CIDEC. EMBO Molecular Medicine, 2009, 1, 280-287.	3.3	235
29	Irisin prevents and restores bone loss and muscle atrophy in hind-limb suspended mice. Scientific Reports, 2017, 7, 2811.	1.6	221
30	snRNA-seq reveals a subpopulation of adipocytes that regulates thermogenesis. Nature, 2020, 587, 98-102.	13.7	221
31	Remodeling of White Adipose Tissue after Retinoic Acid Administration in Mice. Endocrinology, 2006, 147, 5325-5332.	1.4	213
32	Obese adipocytes show ultrastructural features of stressed cells and die of pyroptosis. Journal of Lipid Research, 2013, 54, 2423-2436.	2.0	211
33	Adipose-Specific Deletion of TFAM Increases Mitochondrial Oxidation and Protects Mice against Obesity and Insulin Resistance. Cell Metabolism, 2012, 16, 765-776.	7.2	206
34	MECHANISMS IN ENDOCRINOLOGY: White, brown and pink adipocytes: the extraordinary plasticity of the adipose organ. European Journal of Endocrinology, 2014, 170, R159-R171.	1.9	199
35	Immunohistochemical Localization of Leptin and Uncoupling Protein in White and Brown Adipose Tissue¹. Endocrinology, 1997, 138, 797-804.	1.4	196
36	White-to-brown transdifferentiation of omental adipocytes in patients affected by pheochromocytoma. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2013, 1831, 950-959.	1.2	192

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37	The adipose organ: morphological perspectives of adipose tissues. Proceedings of the Nutrition Society, 2001, 60, 319-328.	0.4	188
38	Adipocyte differentiation and transdifferentiation: Plasticity of the adipose organ. Journal of Endocrinological Investigation, 2002, 25, 823-835.	1.8	188
39	Hormone-induced mitochondrial fission is utilized by brown adipocytes as an amplification pathway for energy expenditure. EMBO Journal, 2014, 33, n/a-n/a.	3.5	185
40	Brown adipose tissue whitening leads to brown adipocyte death and adipose tissue inflammation. Journal of Lipid Research, 2018, 59, 784-794.	2.0	184
41	Impaired Local Production of Proresolving Lipid Mediators in Obesity and 17-HDHA as a Potential Treatment for Obesity-Associated Inflammation. Diabetes, 2013, 62, 1945-1956.	0.3	181
42	Convertible visceral fat as a therapeutic target to curb obesity. Nature Reviews Drug Discovery, 2016, 15, 405-424.	21.5	177
43	UCP1 Induction during Recruitment of Brown Adipocytes in White Adipose Tissue Is Dependent on Cyclooxygenase Activity. PLoS ONE, 2010, 5, e11391.	1.1	174
44	Hypomorphic mutation of PGC-1Î² causes mitochondrial dysfunction and liver insulin resistance. Cell Metabolism, 2006, 4, 453-464.	7.2	162
45	Irisin Enhances Osteoblast DifferentiationIn Vitro. International Journal of Endocrinology, 2014, 2014, 1-8.	0.6	161
46	The Link Between Nutritional Status and Insulin Sensitivity Is Dependent on the Adipocyte-Specific Peroxisome Proliferator-Activated Receptor-Â2 Isoform. Diabetes, 2005, 54, 1706-1716.	0.3	157
47	Adult Epicardial Fat Exhibits Beige Features. Journal of Clinical Endocrinology and Metabolism, 2013, 98, E1448-E1455.	1.8	149
48	Defective insulin secretion in pancreatic Î² cells lacking type 1 IGF receptor. Journal of Clinical Investigation, 2002, 110, 1011-1019.	3.9	149
49	The adipose organ: whiteâ€brown adipocyte plasticity and metabolic inflammation. Obesity Reviews, 2012, 13, 83-96.	3.1	146
50	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-R1255.	0.9	140
51	Mineralocorticoid receptor antagonism induces browning of white adipose tissue through impairment of autophagy and prevents adipocyte dysfunction in highâ€fatâ€dietâ€fed mice. FASEB Journal, 2014, 28, 3745-3757.	0.2	139
52	MicroRNA-26 Family Is Required for Human Adipogenesis and Drives Characteristics of Brown Adipocytes. Stem Cells, 2014, 32, 1578-1590.	1.4	138
53	Î²3-Adrenoceptor knockout in C57BL/6J mice depresses the occurrence of brown adipocytes in white fat. FEBS Journal, 2003, 270, 699-705.	0.2	137
54	Between brown and white: Novel aspects of adipocyte differentiation. Annals of Medicine, 2011, 43, 104-115.	1.5	137

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55	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, 16801-16806.	3.3	135
56	Adipocyte cannabinoid receptor CB1 regulates energy homeostasis and alternatively activated macrophages. Journal of Clinical Investigation, 2017, 127, 4148-4162.	3.9	128
57	Adipose Organ Development and Remodeling. , 2018, 8, 1357-1431.		127
58	The role of brown adipose tissue in human obesity. Nutrition, Metabolism and Cardiovascular Diseases, 2006, 16, 569-574.	1.1	124
59	Human Dedifferentiated Adipocytes Show Similar Properties to Bone Marrowâ€Derived Mesenchymal Stem Cells. Stem Cells, 2012, 30, 965-974.	1.4	119
60	Irisin and musculoskeletal health. Annals of the New York Academy of Sciences, 2017, 1402, 5-9.	1.8	112
61	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. Journal of Neurocytology, 1996, 25, 125-136.	1.6	111
62	Adipocyte-secreted BMP8b mediates adrenergic-induced remodeling of the neuro-vascular network in adipose tissue. Nature Communications, 2018, 9, 4974.	5.8	104
63	Human brown adipose tissue is phenocopied by classical brown adipose tissue in physiologically humanized mice. Nature Metabolism, 2019, 1, 830-843.	5.1	103
64	Dynamic changes in lipid droplet-associated proteins in the â€œbrowningâ€• of white adipose tissues. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2013, 1831, 924-933.	1.2	100
65	Bone marrow adipose tissue is a unique adipose subtype with distinct roles in glucose homeostasis. Nature Communications, 2020, 11, 3097.	5.8	98
66	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-R1037.	0.9	95
67	Evidence for a functional nitric oxide synthase system in brown adipocyte nucleus. FEBS Letters, 2002, 514, 135-140.	1.3	93
68	Plac8 Is an Inducer of C/EBPÎ² Required for Brown Fat Differentiation, Thermoregulation, and Control of Body Weight. Cell Metabolism, 2011, 14, 658-670.	7.2	92
69	Fasting inhibits natriuretic peptides clearance receptor expression in rat adipose tissue. Journal of Hypertension, 1995, 13, 1241-1246.	0.3	91
70	2-Arachidonoylglycerol Signaling in Forebrain Regulates Systemic Energy Metabolism. Cell Metabolism, 2012, 15, 299-310.	7.2	91
71	Myosteatosis and myofibrosis: Relationship with aging, inflammation and insulin resistance. Archives of Gerontology and Geriatrics, 2013, 57, 411-416.	1.4	88
72	Insulin resistance and white adipose tissue inflammation are uncoupled in energetically challenged Fsp27-deficient mice. Nature Communications, 2015, 6, 5949.	5.8	87

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73	Possible involvement of inflammatory/reparative processes in the development of uterine fibroids. Cell and Tissue Research, 2016, 364, 415-427.	1.5	87
74	Expression of Human Î±2-Adrenergic Receptors in Adipose Tissue of Î²3-Adrenergic Receptor-deficient Mice Promotes Diet-induced Obesity. Journal of Biological Chemistry, 2000, 275, 34797-34802.	1.6	85
75	TH-, NPY-, SP-, and CGRP-immunoreactive nerves in interscapular brown adipose tissue of adult rats acclimated at different temperatures: an immunohistochemical study. Journal of Neurocytology, 1998, 27, 877-886.	1.6	83
76	Leptin Deficiency Unmasks the Deleterious Effects of Impaired Peroxisome Proliferator-Activated Receptor Â Function (P465L PPARÂ) in Mice. Diabetes, 2006, 55, 2669-2677.	0.3	80
77	Pink Adipocytes. Trends in Endocrinology and Metabolism, 2018, 29, 651-666.	3.1	80
78	A Combined Transcriptomics and Lipidomics Analysis of Subcutaneous, Epididymal and Mesenteric Adipose Tissue Reveals Marked Functional Differences. PLoS ONE, 2010, 5, e11525.	1.1	79
79	Fibroblast growth factor-21 is expressed in neonatal and pheochromocytoma-induced adult human brown adipose tissue. Metabolism: Clinical and Experimental, 2014, 63, 312-317.	1.5	79
80	Stress-induced activation of brown adipose tissue prevents obesity in conditions of low adaptive thermogenesis. Molecular Metabolism, 2016, 5, 19-33.	3.0	78
81	Obesity modulates the expression of haptoglobin in the white adipose tissue via TNFÎ±. Journal of Cellular Physiology, 2002, 190, 251-258.	2.0	77
82	Reversible physiological transdifferentiation in the adipose organ. Proceedings of the Nutrition Society, 2009, 68, 340-349.	0.4	77
83	Complement Abnormalities in Acquired Lipodystrophy Revisited. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 10-16.	1.8	76
84	Mitochondrial fission is associated with UCP1 activity in human brite/beige adipocytes. Molecular Metabolism, 2018, 7, 35-44.	3.0	76
85	Molecular and functional characterization of human bone marrow adipocytes. Experimental Hematology, 2013, 41, 558-566.e2.	0.2	74
86	Regional-dependent Increase of Sympathetic Innervation in Rat White Adipose Tissue during Prolonged Fasting. Journal of Histochemistry and Cytochemistry, 2005, 53, 679-687.	1.3	73
87	In Vivo Physiological Transdifferentiation of Adult Adipose Cells. Stem Cells, 2009, 27, 2761-2768.	1.4	73
88	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.	1.3	72
89	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, 4563-4573.	1.1	72
90	Adipocytes WNT5a mediated dedifferentiation: a possible target in pancreatic cancer microenvironment. Oncotarget, 2016, 7, 20223-20235.	0.8	71

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91	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.	0.2	67
92	Chronic AMP-kinase activation with AICAR reduces adiposity by remodeling adipocyte metabolism and increasing leptin sensitivity. Journal of Lipid Research, 2011, 52, 1702-1711.	2.0	67
93	Perinatal expression of leptin in rat stomach. Developmental Dynamics, 2002, 223, 148-154.	0.8	63
94	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.	1.6	62
95	Weight Gain Reveals Dramatic Increases in Skeletal Muscle Extracellular Matrix Remodeling. Journal of Clinical Endocrinology and Metabolism, 2014, 99, 1749-1757.	1.8	59
96	Ultrastructural Immunolocalization of Leptin Receptor in Mouse Brain. Neuroendocrinology, 1998, 68, 412-419.	1.2	57
97	Decreased Brown Adipocyte Recruitment and Thermogenic Capacity in Mice with Impaired Peroxisome Proliferator-Activated Receptor (P465L PPARÎ³) Function. Endocrinology, 2006, 147, 5708-5714.	1.4	57
98	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.	1.6	57
99	Characterization of a novel peripheral pro-lipolytic mechanism in mice: role of VGF-derived peptide TLQP-21. Biochemical Journal, 2012, 441, 511-522.	1.7	56
100	Role of sympathetic activity in controlling the expression of vascular endothelial growth factor in brown fat cells of lean and genetically obese rats. FEBS Letters, 1999, 442, 167-172.	1.3	55
101	Presence and Distribution of Cholinergic Nerves in Rat Mediastinal Brown Adipose Tissue. Journal of Histochemistry and Cytochemistry, 2004, 52, 923-930.	1.3	51
102	Leptin-dependent STAT3 phosphorylation in postnatal mouse hypothalamus. Brain Research, 2008, 1215, 105-115.	1.1	51
103	Molecular Aspects of Adipoepithelial Transdifferentiation in Mouse Mammary Gland. Stem Cells, 2014, 32, 2756-2766.	1.4	47
104	Fat-specific Dicer deficiency accelerates aging and mitigates several effects of dietary restriction in mice. Aging, 2016, 8, 1201-1222.	1.4	47
105	Quantification of Intermuscular Adipose Tissue in the Erector Spinae Muscle by MRI: Agreement With Histological Evaluation. Obesity, 2010, 18, 2379-2384.	1.5	46
106	Unresponsive Enteropathy Associated with Circulating Enterocyte Autoantibodies in a Boy with Common Variable Hypogammaglobulinemia and Type I Diabetes. Journal of Pediatric Gastroenterology and Nutrition, 1988, 7, 608-673.	0.9	45
107	Anatomy of the adipose organ. Eating and Weight Disorders, 2000, 5, 132-142.	1.2	44
108	RIP140 Represses the â€œBrown-in-Whiteâ€•Adipocyte Program Including a Futile Cycle of Triacyclglycerol Breakdown and Synthesis. Molecular Endocrinology, 2014, 28, 344-356.	3.7	44

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109	Morphologic Techniques for the Study of Brown. , 2001, 155, 021-051.		41
110	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-E193.	1.8	41
111	In Vivo Phenotyping of the ob/ob Mouse by Magnetic Resonance Imaging and ¹Hâ€Magnetic Resonance Spectroscopy. Obesity, 2006, 14, 405-414.	1.5	40
112	Mitochondrial proton leak in obesity-resistant and obesity-prone mice. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2007, 293, R1773-R1780.	0.9	39
113	Brush cells in the human duodenojejunal junction: an ultrastructural study. Journal of Anatomy, 2007, 211, 125-131.	0.9	39
114	Melatonin Supplementation Decreases Hypertrophic Obesity and Inflammation Induced by High-Fat Diet in Mice. Frontiers in Endocrinology, 2019, 10, 750.	1.5	39
115	Liposarcoma: An Ultrastructural Study of 15 Cases. American Journal of Clinical Pathology, 1986, 85, 649-667.	0.4	38
116	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.	1.3	37
117	Mammary gland adipocytes in lactation cycle, obesity and breast cancer. Reviews in Endocrine and Metabolic Disorders, 2021, 22, 241-255.	2.6	37
118	Primary ciliary dyskinesia: Diagnosis in children with inconclusive ultrastructural evaluation. Pediatric Allergy and Immunology, 2001, 12, 274-282.	1.1	35
119	Mosaic analysis of insulin receptor function. Journal of Clinical Investigation, 2004, 113, 209-219.	3.9	35
120	S-100 Protein in Rat Brown Adipose Tissue under Different Functional Conditions: A Morphological, Immunocytochemical, and Immunochemical Study. Experimental Cell Research, 1993, 208, 226-231.	1.2	34
121	Thymus Uncoupling Protein 1 Is Exclusive to Typical Brown Adipocytes and Is Not Found in Thymocytes. Journal of Histochemistry and Cytochemistry, 2007, 55, 183-189.	1.3	34
122	UCP1 protein: The molecular hub of adipose organ plasticity. Biochimie, 2017, 134, 71-76.	1.3	34
123	S-100 protein in white preadipocytes: An Immunoelectronmicroscopic study. The Anatomical Record, 1989, 224, 466-472.	2.3	33
124	Immunoelectron microscopical identification of the uncoupling protein in brown adipose tissue mitochondria. Biology of the Cell, 1989, 67, 359-362.	0.7	33
125	The K⁺channel TASK1 modulates Î²â€adrenergic response in brown adipose tissue through the mineralocorticoid receptor pathway. FASEB Journal, 2016, 30, 909-922.	0.2	33
126	The retractile testis can be a cause of adult infertility. Fertility and Sterility, 1997, 68, 1051-1058.	0.5	32

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127	Biological Effects of Ciliary Neurotrophic Factor on hMADS Adipocytes. Frontiers in Endocrinology, 2019, 10, 768.	1.5	29
128	Skin abnormalities and autonomic involvement in the early stage of amyotrophic lateral sclerosis. Journal of the Neurological Sciences, 1994, 126, 54-61.	0.3	28
129	In vitro aging of 3T3-L1 mouse adipocytes leads to altered metabolism and response to inflammation. Biogerontology, 2010, 11, 111-122.	2.0	28
130	Human White Adipocytes Convert Into â€œRainbowâ€•Adipocytes In Vitro. Journal of Cellular Physiology, 2017, 232, 2887-2899.	2.0	28
131	Immunohistochemical identification of the uncoupling protein in human hibernoma. Biology of the Cell, 1994, 80, 75-78.	0.7	27
132	Plasticity of human dedifferentiated adipocytes toward endothelial cells. Experimental Hematology, 2015, 43, 137-146.	0.2	27
133	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, 1851.	1.8	26
134	p53 regulates expression of uncoupling protein 1 through binding and repression of PPARÎ³ coactivator-1Î±. American Journal of Physiology - Endocrinology and Metabolism, 2016, 310, E116-E128.	1.8	26
135	Mammary alveolar epithelial cells convert to brown adipocytes in postâ€lactating mice. Journal of Cellular Physiology, 2017, 232, 2923-2928.	2.0	26
136	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.	3.2	26
137	Cellular and molecular largeâ€scale features of fetal adipose tissue: Is bovine perirenal adipose tissue Brown1685. Journal of Cellular Physiology, 2012, 227, 1688-1700.	2.0	25
138	Heart Fat Infiltration In Subjects With and Without Coronary Artery Disease. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 3364-3371.	1.8	25
139	Manipulation of Dietary Amino Acids Prevents and Reverses Obesity in Mice Through Multiple Mechanisms That Modulate Energy Homeostasis. Diabetes, 2020, 69, 2324-2339.	0.3	25
140	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.	1.6	25
141	Adipose Organ Nerves Revealed by Immunohistochemistry#. Methods in Molecular Biology, 2008, 456, 83-95.	0.4	24
142	Adipose-Specific Deficiency of Fumarate Hydratase in Mice Protects Against Obesity, Hepatic Steatosis, and Insulin Resistance. Diabetes, 2016, 65, 3396-3409.	0.3	24
143	Increased Tight Junction Width in Two Children with MÃ©nÃ©trierÊ¼s Disease. Journal of Pediatric Gastroenterology and Nutrition, 1990, 11, 123-127.	0.9	23
144	Expression and distribution of heme oxygenase-1 and -2 in rat brown adipose tissue: the modulatory role of the noradrenergic system. FEBS Letters, 2000, 487, 171-175.	1.3	23

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145	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, 305-312.	1.8	23
146	The Adipose Organ. , 2007, , 3-19.		23
147	The NuGO proof of principle study package: a collaborative research effort of the European Nutrigenomics Organisation. Genes and Nutrition, 2008, 3, 147-151.	1.2	22
148	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.	1.6	22
149	Visceral fat inflammation and fat embolism are associated with lungâ€™s lipidic hyaline membranes in subjects with COVID-19. International Journal of Obesity, 2022, 46, 1009-1017.	1.6	22
150	Ultrastructure of human parathyroid cells in health and disease. Microscopy Research and Technique, 1995, 32, 164-179.	1.2	21
151	Oleoyl-estrone does not have direct estrogenic effects on rats. Life Sciences, 2001, 69, 749-761.	2.0	21
152	Anatomy and physiology of the nutritional system. Molecular Aspects of Medicine, 2019, 68, 101-107.	2.7	21
153	ADD1/SREBP1c activates the PGC1-Î± promoter in brown adipocytes. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2010, 1801, 421-429.	1.2	20
154	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.	1.4	20
155	Activation of transcription factors STAT1 and STAT5 in the mouse median eminence after systemic ciliary neurotrophic factor administration. Brain Research, 2015, 1622, 217-229.	1.1	20
156	Corticosteroid-binding globulin synthesis and distribution in rat white adipose tissue. Molecular and Cellular Biochemistry, 2001, 228, 25-31.	1.4	19
157	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.	1.9	19
158	Ultrastructural Features of Cultured Mature Adipocyte Precursors from Adipose Tissue in Multiple Symmetric Lipomatosis. Ultrastructural Pathology, 1983, 5, 145-152.	0.4	18
159	Sema3A and neuropilin-1 expression and distribution in rat white adipose tissue. Journal of Neurocytology, 2003, 32, 345-352.	1.6	18
160	Increased density of inhibitory noradrenergic parenchymal nerve fibers in hypertrophic islets of Langerhans of obese mice. Nutrition, Metabolism and Cardiovascular Diseases, 2014, 24, 384-392.	1.1	17
161	Recruitment and remodeling of peridroplet mitochondria in human adipose tissue. Redox Biology, 2021, 46, 102087.	3.9	17
162	An ultrastructural morphometric analysis of the adenohypophysis of lactating rats. The Anatomical Record, 1985, 212, 381-390.	2.3	16

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163	Endothelial cells of adipose tissues: A niche of adipogenesis. Cell Cycle, 2012, 11, 2765-2766.	1.3	16
164	Constitutive expression of ciliary neurotrophic factor in mouse hypothalamus. Journal of Anatomy, 2012, 220, 622-631.	0.9	16
165	Optogeneticâ€induced sympathetic neuromodulation of brown adipose tissue thermogenesis. FASEB Journal, 2020, 34, 2765-2773.	0.2	15
166	Sema3a is produced by brown adipocytes and its secretion is reduced following cold acclimation. Journal of Neurocytology, 2001, 30, 5-10.	1.6	14
167	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.	0.9	14
168	BostrÃ¶m et al. reply. Nature, 2012, 488, E10-E11.	13.7	14
169	The endocrine adipose organ. Reviews in Endocrine and Metabolic Disorders, 2022, 23, 1-4.	2.6	14
170	Parathyroid glands in primary hyperparathyroidism: An ultrastructural study of 50 cases. Human Pathology, 1986, 17, 1036-1046.	1.1	13
171	Glial-Like Differentiation Potential of Human Mature Adipocytes. Journal of Molecular Neuroscience, 2015, 55, 91-98.	1.1	13
172	Gastric ghrelin cells in obese patients are hyperactive. International Journal of Obesity, 2021, 45, 184-194.	1.6	13
173	Epidermal Acyl-CoA-binding protein is indispensable for systemic energy homeostasis. Molecular Metabolism, 2021, 44, 101144.	3.0	13
174	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, 1218.	1.0	13
175	The Italian law on body donation: A position paper of the Italian College of Anatomists. Annals of Anatomy, 2021, 238, 151761.	1.0	13
176	Obesity, Type 2 Diabetes and the Adipose Organ. , 2018, , .		13
177	Ultrastructural Morphology of Folliculo-Stellate Cells in Human Pituitary Adenomas. Ultrastructural Pathology, 1991, 15, 241-248.	0.4	11
178	Parathyroid glands in primary hyperparathyroidism: An ultrastructural morphometric study of 25 cases. Journal of Pathology, 1992, 167, 283-290.	2.1	10
179	Quantitative evaluations of gap junctions in old rat brown adipose tissue after cold acclimation: A freeze-fracture and ultra-structural study. Tissue and Cell, 1994, 26, 667-676.	1.0	10
180	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, 805-810.	1.4	10

#	Article	IF	Citations
181	Biosafety evidence for human dedifferentiated adipocytes. Journal of Cellular Physiology, 2015, 230, 1525-1533.	2.0	10
182	Action of Administered Ciliary Neurotrophic Factor on the Mouse Dorsal Vagal Complex. Frontiers in Neuroscience, 2016, 10, 289.	1.4	10
183	From Obesity to Diabetes: The Role of the Adipose Organ. Handbook of Experimental Pharmacology, 2022, , 75-92.	0.9	10
184	Uterine leiomyoma as useful model to unveil morphometric and macromolecular collagen state and impairment in fibrotic diseases: An ex-vivo human study. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2022, 1868, 166494.	1.8	10
185	RER-Associated Structure in Parathyroid Glands Removed Because of Tertiary Hyperparathyroidism. Ultrastructural Pathology, 1982, 3, 263-268.	0.4	9
186	White, brown, beige and pink: A rainbow in the adipose organ. Current Opinion in Endocrine and Metabolic Research, 2019, 4, 29-36.	0.6	9
187	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.	1.8	9
188	Evidence of immune deposits and of basement membrane alterations in dermal vessels of normal skin of patients with essential mixed cryoglobulinemia. Arthritis and Rheumatism, 1987, 30, 884-893.	6.7	8
189	Reversible transdifferentiation in the adipose organ. Pediatric Obesity, 2008, 3, 21-26.	3.2	8
190	Zic1 mRNA is transiently upregulated in subcutaneous fat of acutely coldâ€exposed mice. Journal of Cellular Physiology, 2019, 234, 2031-2036.	2.0	8
191	COVID-19 and Hartnup disease: an affair of intestinal amino acid malabsorption. Eating and Weight Disorders, 2021, 26, 1647-1651.	1.2	8
192	Palmitoylethanolamide Promotes White-to-Beige Conversion and Metabolic Reprogramming of Adipocytes: Contribution of PPAR-Î±. Pharmaceutics, 2022, 14, 338.	2.0	8
193	Brown Fat Anatomy in Humans and Rodents. Methods in Molecular Biology, 2022, 2448, 19-42.	0.4	8
194	The density of crown-like structures in epicardial adipose tissue could play a role in cardiovascular diseases. Eating and Weight Disorders, 2022, 27, 2905-2910.	1.2	7
195	Ultrastructural Findings in the Jejunal Mucosa of Children With IgA Deficiency. Journal of Pediatric Gastroenterology and Nutrition, 1986, 5, 892-898.	0.9	6
196	Ultrastructural Modifications in one Case of Hairy Cell Leukemia during Alpha-Interferon Therapy. Tumori, 1992, 78, 190-197.	0.6	6
197	Galectin-3 gene deletion results in defective adipose tissue maturation and impaired insulin sensitivity and glucose homeostasis. Scientific Reports, 2020, 10, 20070.	1.6	6
198	Immunoelectron microscopical identification of the uncoupling protein in brown adipose tissue mitochondria. Biology of the Cell, 1989, 67, 359-362.	0.7	6

#	Article	IF	Citations
199	The Endocrine Adipose Organ: A System Playing a Central Role in COVID-19. Cells, 2022, 11, 2109.	1.8	6
200	Morphometric evaluation of intracytoplasmic lipid in normal and pathological parathyroid glands. Journal of Pathology, 1990, 160, 31-34.	2.1	5
201	Hairy Cell Leukemia: An Ultrastructural Study of Hairy Cells before and after Interferon Therapy. Tumori, 1995, 81, 249-255.	0.6	5
202	Morphological and Functional Aspects of Brown Adipose Tissue. Pediatric and Adolescent Medicine, 1992, 2, 125-132.	0.4	3
203	Biomarkers of Browning in Cold Exposed Siberian Adults. Nutrients, 2020, 12, 2162.	1.7	3
204	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.	1.6	3
205	Electron Microscopy Applied to Fine-Needle Aspiration. A Report of Six Cases from Various Sites. Tumori, 1983, 69, 423-435.	0.6	2
206	An Ultrastructural Study on Muciparous Microcysts of the Human Adenohypophysis. Cells Tissues Organs, 1985, 121, 94-98.	1.3	2
207	Tim Bartness, Ph.D. (1953-2015). Temperature, 2016, 3, 31-38.	1.7	2
208	Murine Brown Adipose Tissue. , 2018, , 13-79.		2
209	Correlated ultrastructural and immunological findings in CD8+ and CD4+ peripheral T-cell lymphomas. Medical Oncology and Tumor Pharmacotherapy, 1988, 5, 173-80.	1.0	2
210	Functional Anatomy of the â€˜Adipose Organâ€™. , 2006, , 3-22.		1
211	The Adipose Organ. Endocrinology, 2019, , 51-74.	0.1	1
212	Cytoplasmic ciliary inclusions can reflect an abnormal ciliogenesis in respiratory epithelium. Pediatric Pulmonology, 2020, 55, 1874-1875.	1.0	1
213	Bone density and genomic analysis unfold cold adaptation mechanisms of ancient inhabitants of Tierra del Fuego. Scientific Reports, 2021, 11, 23290.	1.6	1
214	Morphological Studies of the Adipocyte Precursor in White Adipose Tissue. Pediatric and Adolescent Medicine, 1992, 2, 133-135.	0.4	0
215	Lâ€™organo endocrino adiposo. L Endocrinologo, 2006, 7, 3-10.	0.0	0
216	The Lactating Adipose Organ. , 2018, , 337-383.		0

#	Article	IF	Citations
217	Murine Adipose Organ Development. , 2018, , 385-423.		0
218	Development in Humans. , 2018, , 425-455.		0
219	WAT Murine. , 2018, , 107-155.		0
220	Human WAT. , 2018, , 157-179.		0
221	Mixed Areas of Adipose Organ. , 2018, , 181-203.		0
222	The Obese Adipose Organ. , 2018, , 265-305.		0
223	The Adipose Organ. Endocrinology, 2018, , 1-24.	0.1	0
224	The Nutritional System. Perspectives in Nursing Management and Care for Older Adults, 2021, , 215-224.	0.1	0
225	The Adipose Organ. Oxidative Stress and Disease, 2009, , 1-21.	0.3	0
226	Origin of Adipocyte Precursors from Adipose Vascular Endothelium. , 2013, , 131-156.		0
227	The Adipose Organ: Morphological Perspectives of Adipose Tissues. , 2014, , 123-133.		0
228	Browning of Adipose Organ. , 2014, , 83-95.		0
229	The Adipose Organ. , 2020, , 167-183.		0