Marta Giralt

List of Publications by Year
in descending order

180 papers	10,762 citations	32410 55 h-index	40945 97 g-index
182 all docs	182 docs citations	182 times ranked	13072 citing authors

#	Article	IF	Citations
1	Thermogenic Activation Induces FGF21 Expression and Release in Brown Adipose Tissue. Journal of Biological Chemistry, 2011, 286, 12983-12990.	1.6	512
2	Brown adipose tissue as a secretory organ. Nature Reviews Endocrinology, 2017, 13, 26-35.	4.3	493
3	White, Brown, Beige/Brite: Different Adipose Cells for Different Functions?. Endocrinology, 2013, 154, 2992-3000.	1.4	437
4	Hepatic FGF21 Expression Is Induced at Birth via PPARÎ± in Response to Milk Intake and Contributes to Thermogenic Activation of Neonatal Brown Fat. Cell Metabolism, 2010, 11, 206-212.	7.2	326
5	Peroxisome Proliferator-activated Receptor Î± Activates Transcription of the Brown Fat Uncoupling Protein-1 Gene. Journal of Biological Chemistry, 2001, 276, 1486-1493.	1.6	302
6	Fibroblast growth factor 21 protects against cardiac hypertrophy in mice. Nature Communications, 2013, 4, 2019.	5.8	285
7	Sirt1 acts in association with PPARÂ to protect the heart from hypertrophy, metabolic dysregulation, and inflammation. Cardiovascular Research, 2011, 90, 276-284.	1.8	258
8	Peroxisome Proliferator-activated Receptor Î± (PPARÎ±) Induces PPARÎ³ Coactivator 1Î± (PGC-1Î±) Gene Expression and Contributes to Thermogenic Activation of Brown Fat. Journal of Biological Chemistry, 2011, 286, 43112-43122.	1.6	256
9	Retinoids and adipose tissues: metabolism, cell differentiation and gene expression. International Journal of Obesity, 1999, 23, 1-6.	1.6	235
10	Fibroblast growth factor 21 protects the heart from oxidative stress. Cardiovascular Research, 2015, 106, 19-31.	1.8	209
11	Inflammation of brown/beige adipose tissues in obesity and metabolic disease. Journal of Internal Medicine, 2018, 284, 492-504.	2.7	189
12	SIRT1 Controls the Transcription of the Peroxisome Proliferator-activated Receptor-Î³ Co-activator-1Î± (PGC-1Î±) Gene in Skeletal Muscle through the PGC-1Î± Autoregulatory Loop and Interaction with MyoD. Journal of Biological Chemistry, 2009, 284, 21872-21880.	1.6	184
13	Peroxisome Proliferator-activated Receptor-Î³ Coactivator-1Î± Controls Transcription of the Sirt3 Gene, an Essential Component of the Thermogenic Brown Adipocyte Phenotype. Journal of Biological Chemistry, 2011, 286, 16958-16966.	1.6	181
14	The lipid sensor GPR120 promotes brown fat activation and FGF21 release from adipocytes. Nature Communications, 2016, 7, 13479.	5.8	180
15	A Novel Regulatory Pathway of Brown Fat Thermogenesis. Journal of Biological Chemistry, 1995, 270, 5666-5673.	1.6	177
16	TNF-Î± Represses Î²-Klotho Expression and Impairs FGF21 Action in Adipose Cells: Involvement of JNK1 in the FGF21 Pathway. Endocrinology, 2012, 153, 4238-4245.	1.4	176
17	Opposite alterations in FGF21 and FGF19 levels and disturbed expression of the receptor machinery for endocrine FGFs in obese patients. International Journal of Obesity, 2015, 39, 121-129.	1.6	165
18	CXCL14, a Brown Adipokine that Mediates Brown-Fat-to-Macrophage Communication in Thermogenic Adaptation. Cell Metabolism, 2018, 28, 750-763.e6.	7.2	164

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19	PPARs in the Control of Uncoupling Proteins Gene Expression. PPAR Research, 2007, 2007, 1-12.	1.1	163
20	Thiazolidinediones and Rexinoids Induce Peroxisome Proliferator-Activated Receptor-Coactivator (PGC)-1Î± Gene Transcription: An Autoregulatory Loop Controls PGC-1Î± Expression in Adipocytes via Peroxisome Proliferator-Activated Receptor-Î³ Coactivation. Endocrinology, 2006, 147, 2829-2838.	1.4	160
21	Toward an Understanding of How Immune Cells Control Brown and Beige Adipobiology. Cell Metabolism, 2018, 27, 954-961.	7.2	155
22	Activators of peroxisome proliferator-activated receptor-alpha induce the expression of the uncoupling protein-3 gene in skeletal muscle: a potential mechanism for the lipid intake-dependent activation of uncoupling protein-3 gene expression at birth. Diabetes, 1999, 48, 1217-1222.	0.3	148
23	Fibroblast growth factor-21, energy balance and obesity. Molecular and Cellular Endocrinology, 2015, 418, 66-73.	1.6	144
24	HIV-1 Infection Alters Gene Expression in Adipose Tissue, Which Contributes to HIV-1/Haart-Associated Lipodystrophy. Antiviral Therapy, 2006, 11, 729-740.	0.6	127
25	New insights into the secretory functions of brown adipose tissue. Journal of Endocrinology, 2019, 243, R19-R27.	1.2	126
26	FGF19 and FGF21 serum concentrations in human obesity and type 2 diabetes behave differently after diet- or surgically-induced weight loss. Clinical Nutrition, 2017, 36, 861-868.	2.3	123
27	Reversible Inhibition of Mitochondrial Protein Synthesis during Linezolid-Related Hyperlactatemia. Antimicrobial Agents and Chemotherapy, 2007, 51, 962-967.	1.4	114
28	PPARÎ´, but not PPARÎ±, activates PGC-1Î± gene transcription in muscle. Biochemical and Biophysical Research Communications, 2007, 354, 1021-1027.	1.0	110
29	A role for adipocyte-derived lipopolysaccharide-binding protein in inflammation- and obesity-associated adipose tissue dysfunction. Diabetologia, 2013, 56, 2524-2537.	2.9	109
30	Identification of a thyroid hormone response element in the phosphoenolpyruvate carboxykinase (GTP) gene. Evidence for synergistic interaction between thyroid hormone and cAMP cis-regulatory elements.. Journal of Biological Chemistry, 1991, 266, 21991-21996.	1.6	88
31	Uncoupling Protein-2 Controls Adiponectin Gene Expression in Adipose Tissue Through the Modulation of Reactive Oxygen Species Production. Diabetes, 2007, 56, 1042-1050.	0.3	87
32	Drug-induced lipotoxicity: Lipodystrophy associated with HIV-1 infection and antiretroviral treatment. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2010, 1801, 392-399.	1.2	86
33	Retinoids and Retinoid Receptors in the Control of Energy Balance: Novel Pharmacological Strategies in Obesity and Diabetes. Current Medicinal Chemistry, 2004, 11, 795-805.	1.2	81
34	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
35	Lipodystrophy associated with highly active anti-retroviral therapy for HIV infection: the adipocyte as a target of anti-retroviral-induced mitochondrial toxicity. Trends in Pharmacological Sciences, 2005, 26, 88-93.	4.0	77
36	Dilated cardiomyopathy and mitochondrial dysfunction in Sirt1-deficient mice: A role for Sirt1-Mef2 in adult heart. Journal of Molecular and Cellular Cardiology, 2012, 53, 521-531.	0.9	77

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37	Transcriptional regulation of the uncoupling protein-1 gene. Biochimie, 2017, 134, 86-92.	1.3	77
38	The Lives and Times of Brown Adipokines. Trends in Endocrinology and Metabolism, 2017, 28, 855-867.	3.1	75
39	SIRT1 Is Involved in Glucocorticoid-mediated Control of Uncoupling Protein-3 Gene Transcription. Journal of Biological Chemistry, 2007, 282, 34066-34076.	1.6	74
40	Alarmin high-mobility group B1 (HMGB1) is regulated in human adipocytes in insulin resistance and influences insulin secretion in Î²-cells. International Journal of Obesity, 2014, 38, 1545-1554.	1.6	74
41	Ontogeny and perinatal modulation of gene expression in rat brown adipose tissue. Unaltered iodothyronine 5'-deiodinase activity is necessary for the response to environmental temperature at birth. FEBS Journal, 1990, 193, 297-302.	0.2	72
42	The endocrine role of brown adipose tissue: An update on actors and actions. Reviews in Endocrine and Metabolic Disorders, 2022, 23, 31-41.	2.6	70
43	Identification of a thyroid hormone response element in the phosphoenolpyruvate carboxykinase (GTP) gene. Evidence for synergistic interaction between thyroid hormone and cAMP cis-regulatory elements. Journal of Biological Chemistry, 1991, 266, 21991-6.	1.6	69
44	Thermogenic brown and beige/brite adipogenesis in humans. Annals of Medicine, 2015, 47, 169-177.	1.5	68
45	CCAAT/Enhancer Binding-Proteins Î± and Î² Are Transcriptional Activators of the Brown Fat Uncoupling Protein Gene Promoter. Biochemical and Biophysical Research Communications, 1994, 198, 653-659.	1.0	67
46	Functional Relationship between MyoD and Peroxisome Proliferator-Activated Receptor-Dependent Regulatory Pathways in the Control of the Human Uncoupling Protein-3 Gene Transcription. Molecular Endocrinology, 2003, 17, 1944-1958.	3.7	64
47	Dominant Negative Regulation by c-Jun of Transcription of the Uncoupling Protein-1 Gene through a Proximal cAMP-Regulatory Element: A Mechanism for Repressing Basal and Norepinephrine-Induced Expression of the Gene before Brown Adipocyte Differentiation. Molecular Endocrinology, 1998, 12, 1023-1037.	3.7	63
48	In Vitro Cytotoxicity and Mitochondrial Toxicity of Tenofovir Alone and in Combination with Other Antiretrovirals in Human Renal Proximal Tubule Cells. Antimicrobial Agents and Chemotherapy, 2006, 50, 3824-3832.	1.4	63
49	Adipose tissue biology and HIV-infection. Best Practice and Research in Clinical Endocrinology and Metabolism, 2011, 25, 487-499.	2.2	62
50	Brown Adipocytes Secrete GDF15 in Response to Thermogenic Activation. Obesity, 2019, 27, 1606-1616.	1.5	62
51	Adipokines and the Endocrine Role of Adipose Tissues. Handbook of Experimental Pharmacology, 2015, 233, 265-282.	0.9	61
52	Lipodystrophy in HIV 1-infected patients: lessons for obesity research. International Journal of Obesity, 2007, 31, 1763-1776.	1.6	60
53	HIV-1 infection alters gene expression in adipose tissue, which contributes to HIV- 1/HAART-associated lipodystrophy. Antiviral Therapy, 2006, 11, 729-40.	0.6	60
54	Opposite regulation of PPAR-Î± and -Î³ gene expression by both their ligands and retinoic acid in brown adipocytes. Molecular and Cellular Endocrinology, 1999, 154, 101-109.	1.6	59

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55	FGF21 expression and release in muscle cells: involvement of MyoD and regulation by mitochondria-driven signalling. Biochemical Journal, 2014, 463, 191-199.	1.7	58
56	Both retinoic-acid-receptor- and retinoid-X-receptor-dependent signalling pathways mediate the induction of the brown-adipose-tissue-uncoupling-protein-1 gene by retinoids. Biochemical Journal, 2000, 345, 91-97.	1.7	56
57	Opposing actions of Fos and Jun on transcription of the phosphoenolpyruvate carboxykinase (GTP) gene. Dominant negative regulation by Fos. Journal of Biological Chemistry, 1992, 267, 18133-9.	1.6	56
58	Uncoupling protein-3 gene expression in skeletal muscle during development is regulated by nutritional factors that alter circulating non-esterified fatty acids. FEBS Letters, 1999, 453, 205-209.	1.3	55
59	The Importance of Brown Adipose Tissue. New England Journal of Medicine, 2009, 361, 415-421.	13.9	55
60	Differential Regulation of Uncoupling Protein-2 and Uncoupling Protein-3 Gene Expression in Brown Adipose Tissue during Development and Cold Exposure. Biochemical and Biophysical Research Communications, 1998, 243, 224-228.	1.0	53
61	Upregulatory Mechanisms Compensate for Mitochondrial DNA Depletion in Asymptomatic Individuals Receiving Stavudine Plus Didanosine. Journal of Acquired Immune Deficiency Syndromes (1999), 2004, 37, 1550-1555.	0.9	51
62	The human uncoupling proteinâ€3 gene promoter requires myod and is induced by retinoic acid in muscle cells. FASEB Journal, 2000, 14, 2141-2143.	0.2	50
63	Mitochondrial Biogenesis and Thyroid Status Maturation in Brown Fat Require CCAAT/Enhancer-binding Protein Î±. Journal of Biological Chemistry, 2002, 277, 21489-21498.	1.6	50
64	Defective thermoregulation, impaired lipid metabolism, but preserved adrenergic induction of gene expression in brown fat of mice lacking C/EBPÎ². Biochemical Journal, 2005, 389, 47-56.	1.7	50
65	Differential Effects of Efavirenz and Lopinavir/Ritonavir on Human Adipocyte Differentiation, Gene Expression and Release of Adipokines and Pro-Inflammatory Cytokines.. Current HIV Research, 2010, 8, 545-553.	0.2	48
66	Regulation of mitochondrial biogenesis in brown adipose tissue: nuclear respiratory factor-2/GA-binding protein is responsible for the transcriptional regulation of the gene for the mitochondrial ATP synthase Î² subunit. Biochemical Journal, 1998, 331, 121-127.	1.7	47
67	Differential gene expression indicates that â€˜buffalo humpâ€™ is a distinct adipose tissue disturbance in HIV-1-associated lipodystrophy. Aids, 2008, 22, 575-584.	1.0	47
68	Serum FGF21 levels are elevated in association with lipodystrophy, insulin resistance and biomarkers of liver injury in HIV-1-infected patients. Aids, 2010, 24, 2629-2637.	1.0	47
69	Peroxisome Proliferator-Activated Receptors-Î± and -Î³, and cAMP-Mediated Pathways, Control Retinol-Binding Protein-4 Gene Expression in Brown Adipose Tissue. Endocrinology, 2012, 153, 1162-1173.	1.4	47
70	Impact of elvitegravir on human adipocytes: Alterations in differentiation, gene expression and release of adipokines and cytokines. Antiviral Research, 2016, 132, 59-65.	1.9	45
71	Thermogenic activation represses autophagy in brown adipose tissue. International Journal of Obesity, 2016, 40, 1591-1599.	1.6	45
72	Mitochondrial Uncoupling and the Regulation of Glucose Homeostasis. Current Diabetes Reviews, 2017, 13, 386-394.	0.6	44

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73	Impaired expression of the uncoupling protein-3 gene in skeletal muscle during lactation: fibrates and troglitazone reverse lactation-induced downregulation of the uncoupling protein-3 gene.. Diabetes, 2000, 49, 1224-1230.	0.3	43
74	Phytanic acid, a novel activator of uncoupling protein-1 gene transcription and brown adipocyte differentiation. Biochemical Journal, 2002, 362, 61-69.	1.7	43
75	Effects of nevirapine and efavirenz on human adipocyte differentiation, gene expression, and release of adipokines and cytokines. Antiviral Research, 2011, 91, 112-119.	1.9	43
76	Lipopolysaccharide-binding protein is a negative regulator of adipose tissue browning in mice and humans. Diabetologia, 2016, 59, 2208-2218.	2.9	41
77	CCAAT/enhancer-binding proteins <i>Î±</i> and <i>Î²</i> in brown adipose tissue: evidence for a tissue-specific pattern of expression during development. Biochemical Journal, 1994, 302, 695-700.	1.7	39
78	The chlorophyll-derived metabolite phytanic acid induces white adipocyte differentiation. International Journal of Obesity, 2002, 26, 1277-1280.	1.6	39
79	Iodothyronine 5â€²-deiodinase activity as an early event of prenatal brown-fat differentiation in bovine development. Biochemical Journal, 1989, 259, 555-559.	1.7	37
80	ETS transcription factors regulate the expression of the gene for the human mitochondrial ATP synthase beta-subunit.. Journal of Biological Chemistry, 1994, 269, 32649-32654.	1.6	37
81	ETS transcription factors regulate the expression of the gene for the human mitochondrial ATP synthase beta-subunit. Journal of Biological Chemistry, 1994, 269, 32649-54.	1.6	37
82	Autophagic control of cardiac steatosis through FGF21 in obesity-associated cardiomyopathy. International Journal of Cardiology, 2018, 260, 163-170.	0.8	35
83	Mitochondrial DNA: An Upâ€andâ€coming Actor in White Adipose Tissue Pathophysiology. Obesity, 2009, 17, 1814-1820.	1.5	33
84	Differentially Altered Molecular Signature of Visceral Adipose Tissue in HIV-1â€“Associated Lipodystrophy. Journal of Acquired Immune Deficiency Syndromes (1999), 2013, 64, 142-148.	0.9	33
85	Enhanced Glutathione S-transferase Activity and Glutathione Content in Human Bladder Cancer. Followup Study: Influence of Smoking. Journal of Urology, 1993, 149, 1452-1454.	0.2	32
86	The Beneficial Effects of Brown Fat Transplantation: Further Evidence of an Endocrine Role of Brown Adipose Tissue. Endocrinology, 2015, 156, 2368-2370.	1.4	32
87	Fgf21 is required for cardiac remodeling in pregnancy. Cardiovascular Research, 2017, 113, 1574-1584.	1.8	32
88	Fibroblast growth factor 21 in breast milk controls neonatal intestine function. Scientific Reports, 2015, 5, 13717.	1.6	31
89	Differential regulation of expression of genes encoding uncoupling proteins 2 and 3 in brown adipose tissue during lactation in mice. Biochemical Journal, 2001, 355, 105-111.	1.7	30
90	Effects of Rilpivirine on Human Adipocyte Differentiation, Gene Expression, and Release of Adipokines and Cytokines. Antimicrobial Agents and Chemotherapy, 2012, 56, 3369-3375.	1.4	30

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91	Quality assessment of human mitochondrial DNA quantification: MITONAUTS, an international multicentre survey. Mitochondrion, 2011, 11, 520-527.	1.6	29
92	Parkin controls brown adipose tissue plasticity in response to adaptive thermogenesis. EMBO Reports, 2019, 20, .	2.0	29
93	Adaptative decrease in expression of the mRNA for uncoupling protein and subunit II of cytochrome <i>c</i> oxidase in rat brown adipose tissue during pregnancy and lactation. Biochemical Journal, 1989, 263, 965-968.	1.7	28
94	Hiv-1 Tat Protein Impairs Adipogenesis and Induces the Expression and Secretion of Proinflammatory Cytokines in Human Sgbs Adipocytes. Antiviral Therapy, 2012, 17, 529-540.	0.6	28
95	Pref-1 in brown adipose tissue: specific involvement in brown adipocyte differentiation and regulatory role of C/EBPÎ´. Biochemical Journal, 2012, 443, 799-810.	1.7	28
96	Aging is associated with increased FGF21 levels but unaltered FGF21 responsiveness in adipose tissue. Aging Cell, 2018, 17, e12822.	3.0	28
97	9-cisRetinoic acid induces the expression of the uncoupling protein-2 gene in brown adipocytes. FEBS Letters, 1998, 441, 447-450.	1.3	27
98	Reverse Transcriptase Inhibitors Alter Uncoupling Protein-1 and Mitochondrial Biogenesis in Brown Adipocytes. Antiviral Therapy, 2005, 10, 515-526.	0.6	27
99	Genetic and Functional Mitochondrial Assessment of HIV-Infected Patients Developing HAART-Related Hyperlactatemia. Journal of Acquired Immune Deficiency Syndromes (1999), 2009, 52, 443-451.	0.9	26
100	HIV-1-Infected Long-Term Non-Progressors have Milder Mitochondrial Impairment and Lower Mitochondrially-Driven Apoptosis in Peripheral Blood Mononuclear Cells than Typical Progressors. Current HIV Research, 2007, 5, 467-473.	0.2	25
101	Uncoupling protein 1 gene expression implicates brown adipocytes in highly active antiretroviral therapy-associated lipomatosis. Aids, 2004, 18, 959-960.	1.0	24
102	Adipogenic/Lipid, Inflammatory, and Mitochondrial Parameters in Subcutaneous Adipose Tissue of Untreated HIV-1â€“Infected Long-Term Nonprogressors. Journal of Acquired Immune Deficiency Syndromes (1999), 2012, 61, 131-137.	0.9	24
103	Maraviroc reduces cytokine expression and secretion in human adipose cells without altering adipogenic differentiation. Cytokine, 2013, 61, 808-815.	1.4	24
104	Mitochondrial biogenesis in brown adipose tissue is associated with differential expression of transcription regulatory factors. Cellular and Molecular Life Sciences, 2002, 59, 1934-1944.	2.4	23
105	The Developmental Regulation of Peroxisome Proliferator-Activated Receptor-Î³ Coactivator-1Î± Expression in the Liver Is Partially Dissociated from the Control of Gluconeogenesis and Lipid Catabolism. Endocrinology, 2004, 145, 4268-4277.	1.4	23
106	Effects of Switching from Stavudine to Raltegravir on Subcutaneous Adipose Tissue in HIV-Infected Patients with HIV/HAART-Associated Lipodystrophy Syndrome (HALS). A Clinical and Molecular Study. PLoS ONE, 2014, 9, e89088.	1.1	23
107	Lipoprotein lipase mRNA expression in brown adipose tissue: translational and/or posttranslational events are involved in the modulation of enzyme activity. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1990, 1048, 270-273.	2.4	22
108	Ontogeny of thyroid hormone receptors and c-erbA expression during brown adipose tissue development: evidence of fetal acquisition of the mature thyroid status.. Endocrinology, 1993, 132, 1913-1920.	1.4	22

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109	Phytanic acid, a novel activator of uncoupling protein-1 gene transcription and brown adipocyte differentiation. Biochemical Journal, 2002, 362, 61.	1.7	22
110	Fibroblast Growth Factorâ€21 and the Beneficial Effects of Longâ€Chain nâ€3 Polyunsaturated Fatty Acids. Lipids, 2014, 49, 1081-1089.	0.7	22
111	Co-ordinate decrease in the expression of the mitochondrial genome and nuclear genes for mitochondrial proteins in the lactation-induced mitochondrial hypotrophy of rat brown fat. Biochemical Journal, 1995, 308, 749-752.	1.7	21
112	Altered expression of master regulatory genes of adipogenesis in lipomas from patients bearing tRNALys point mutations in mitochondrial DNA. Molecular Genetics and Metabolism, 2006, 89, 283-285.	0.5	21
113	Both retinoic-acid-receptor- and retinoid-X-receptor-dependent signalling pathways mediate the induction of the brown-adipose-tissue-uncoupling-protein-1 gene by retinoids. Biochemical Journal, 2000, 345 Pt 1, 91-7.	1.7	21
114	Altered Expression of Nucleoside Transporter Genes (SLC28 and SLC29) in Adipose Tissue from HIV-1â€"Infected Patients. Antiviral Therapy, 2007, 12, 853-864.	0.6	21
115	Impaired basal and noradrenaline-induced iodothyronine 5â€²-deiodinase activity in brown adipose tissue from pregnant and lactating rats. Biochemical and Biophysical Research Communications, 1986, 138, 1315-1321.	1.0	19
116	Phytanic acid, but not pristanic acid, mediates the positive effects of phytol derivatives on brown adipocyte differentiation. FEBS Letters, 2002, 517, 83-86.	1.3	19
117	Potential role of the melanocortin signaling system interference in the excess weight gain associated to some antiretroviral drugs in people living with HIV. International Journal of Obesity, 2020, 44, 1970-1973.	1.6	19
118	Reduced Levels of Serum FGF19 and Impaired Expression of Receptors for Endocrine FGFs in Adipose Tissue From HIV-Infected Patients. Journal of Acquired Immune Deficiency Syndromes (1999), 2012, 61, 527-534.	0.9	18
119	The kallikreinâ€"kinin pathway as a mechanism for auto-control of brown adipose tissue activity. Nature Communications, 2020, 11, 2132.	5.8	18
120	FGF15/19 is required for adipose tissue plasticity in response to thermogenic adaptations. Molecular Metabolism, 2021, 43, 101113.	3.0	18
121	Thymidine Kinase 2 Deficiency-Induced Mitochondrial DNA Depletion Causes Abnormal Development of Adipose Tissues and Adipokine Levels in Mice. PLoS ONE, 2011, 6, e29691.	1.1	17
122	The chemokine CXCL14 is negatively associated with obesity and concomitant type-2 diabetes in humans. International Journal of Obesity, 2021, 45, 706-710.	1.6	17
123	Differential regulation of expression of genes encoding uncoupling proteins 2 and 3 in brown adipose tissue during lactation in mice. Biochemical Journal, 2001, 355, 105.	1.7	17
124	Lipotoxicity on the Basis of Metabolic Syndrome and Lipodystrophy in HIV-1-Infected Patients Under Antiretroviral Treatment. Current Pharmaceutical Design, 2010, 16, 3372-3378.	0.9	17
125	Evidence for a differential physiological modulation of brown fat iodothyronine 5â€²-deiodinase activity in the perinatal period. Biochemical and Biophysical Research Communications, 1988, 156, 493-499.	1.0	16
126	A study of fatty acid binding protein 4 in HIV-1 infection and in combination antiretroviral therapy-related metabolic disturbances and lipodystrophy. HIV Medicine, 2011, 12, 428-437.	1.0	15

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127	C/EBPÎ² is required in pregnancy-induced cardiac hypertrophy. International Journal of Cardiology, 2016, 202, 819-828.	0.8	15
128	High FGF21 levels are associated with altered bone homeostasis in HIV-1-infected patients. Metabolism: Clinical and Experimental, 2017, 71, 163-170.	1.5	15
129	Secretory Proteome of Brown Adipocytes in Response to cAMP-Mediated Thermogenic Activation. Frontiers in Physiology, 2019, 10, 67.	1.3	15
130	Impaired expression of mitochondrial and adipogenic genes in adipose tissue from a patient with acquired partial lipodystrophy (Barraquer-Simons syndrome): a case report. Journal of Medical Case Reports, 2008, 2, 284.	0.4	14
131	HIV-1 Infection and the PPAR<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î³</mml:mi></mml:math>-Dependent Control of Adipose Tissue Physiology. PPAR Research, 2009, 2009, 1-8.	1.1	14
132	Levels of Î²-klotho determine the thermogenic responsiveness of adipose tissues: involvement of the autocrine action of FGF21. American Journal of Physiology - Endocrinology and Metabolism, 2021, 320, E822-E834.	1.8	14
133	The Molecular Signature of HIV-1-Associated Lipomatosis Reveals Differential Involvement of Brown and Beige/Brite Adipocyte Cell Lineages. PLoS ONE, 2015, 10, e0136571.	1.1	14
134	Sirt1 mediates the effects of a short-term high-fat diet on the heart. Journal of Nutritional Biochemistry, 2015, 26, 1328-1337.	1.9	13
135	Hormonal and nutritional signalling in the control of brown and beige adipose tissue activation and recruitment. Best Practice and Research in Clinical Endocrinology and Metabolism, 2016, 30, 515-525.	2.2	13
136	Effects of docosahexanoic acid supplementation on inflammatory and subcutaneous adipose tissue gene expression in HIV-infected patients on combination antiretroviral therapy (cART). A sub-study of a randomized, double-blind, placebo-controlled study. Cytokine, 2018, 105, 73-79.	1.4	13
137	Brown Adipokines. Handbook of Experimental Pharmacology, 2018, 251, 239-256.	0.9	13
138	Identification of Tissue-Specific Protein Binding Domains in the 5â€²-Proximal Regulatory Region of the Rat Mitochondrial Brown Fat Uncoupling Protein Gene. Biochemical and Biophysical Research Communications, 1994, 204, 867-873.	1.0	12
139	Both retinoic-acid-receptor- and retinoid-X-receptor-dependent signalling pathways mediate the induction of the brown-adipose-tissue-uncoupling-protein-1 gene by retinoids. Biochemical Journal, 2000, 345, 91.	1.7	12
140	Lithium inhibits brown adipocyte differentiation. FEBS Letters, 2005, 579, 1670-1674.	1.3	12
141	A 48-Week Study of Fat Molecular Alterations in HIV Naive Patients Starting Tenofovir/Emtricitabine With Lopinavir/Ritonavir or Efavirenz. Journal of Acquired Immune Deficiency Syndromes (1999), 2014, 66, 457-465.	0.9	12
142	Circulating fibroblast growth factor 23 (FGF23) levels are associated with metabolic disturbances and fat distribution but not cardiovascular risk in HIV-infected patients. Journal of Antimicrobial Chemotherapy, 2015, 70, 1825-1832.	1.3	12
143	GPR120 controls neonatal brown adipose tissue thermogenic induction. American Journal of Physiology - Endocrinology and Metabolism, 2019, 317, E742-E750.	1.8	12
144	Adipose tissue knockdown of lysozyme reduces local inflammation and improves adipogenesis in high-fat diet-fed mice. Pharmacological Research, 2021, 166, 105486.	3.1	12

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145	Altered expression of nucleoside transporter genes (SLC28 and SLC29) in adipose tissue from HIV-1-infected patients. Antiviral Therapy, 2007, 12, 853-63.	0.6	12
146	Metabolic Regulation of Gene Transcription ,. Journal of Nutrition, 1994, 124, 1533S-1539S.	1.3	11
147	Reciprocal Effects of Antiretroviral Drugs Used To Treat HIV Infection on the Fibroblast Growth Factor 21/Î²-Klotho System. Antimicrobial Agents and Chemotherapy, 2018, 62, .	1.4	11
148	Uridine Metabolism in HIV-1-Infected Patients: Effect of Infection, of Antiretroviral Therapy and of HIV-1/ART-Associated Lipodystrophy Syndrome. PLoS ONE, 2010, 5, e13896.	1.1	11
149	Changes in Liver Iodothyronine 5â€²-Deiodinase Activity During Pregnancy and Lactation in the Rat. Hormone and Metabolic Research, 1987, 19, 510-511.	0.7	10
150	Influence of thyroid hormones on the human ATP synthase Î²-subunit gene promoter. Molecular and Cellular Biochemistry, 1996, 154, 107-111.	1.4	10
151	Gene expression of leptin and uncoupling proteins: molecular end-points of fetal development. Biochemical Society Transactions, 2001, 29, 76-80.	1.6	10
152	Iodothyronine 5â€²-deiodinase activity and thyroid hormone content in brown adipose tissue during the breeding cycle of the rat. Biochemical Journal, 1988, 255, 457-461.	1.7	9
153	HIV Type-1 Transgene Expression in Mice Alters Adipose Tissue and Adipokine Levels: Towards a Rodent Model of HIV Type-1 Lipodystrophy. Antiviral Therapy, 2010, 15, 1021-1028.	0.6	9
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