Barbara Cannon

List of Publications by Year
in descending order

210 papers	26,822 citations	11235 73 h-index	6872 160 g-index
214 all docs	214 docs citations	214 times ranked	19792 citing authors

#	Article	IF	Citations
1	Diet-Induced Thermogenesis: Principles and Pitfalls. Methods in Molecular Biology, 2022, 2448, 177-202.	0.4	8
2	Establishing the potency of N-acyl amino acids versus conventional fatty acids as thermogenic uncouplers in cells and mitochondria from different tissues. Biochimica Et Biophysica Acta - Bioenergetics, 2022, 1863, 148542.	0.5	4
3	Thermogenic recruitment of brown and brite/beige adipose tissues is not obligatorily associated with macrophage accretion or attrition. American Journal of Physiology - Endocrinology and Metabolism, 2021, 320, E359-E378.	1.8	5
4	A PERKy way to make mitochondrial cristae. Trends in Endocrinology and Metabolism, 2021, 32, 417-419.	3.1	2
5	On the Validity of Adipogenic Cell Lines as Model Systems for Browning Processes: In Authentic Brown, Brite/Beige, and White Preadipocytes, There is No Cell-Autonomous Thermogenic Recruitment by Green Tea Compounds. Frontiers in Nutrition, 2021, 8, 715859.	1.6	2
6	A pyrexic effect of FGF21 independent of energy expenditure and UCP1. Molecular Metabolism, 2021, 53, 101324.	3.0	12
7	Regulation of thermogenic capacity in brown and white adipocytes by the prebiotic high-esterified pectin and its postbiotic acetate. International Journal of Obesity, 2020, 44, 715-726.	1.6	17
8	UCP1-independent glucose-lowering effect of leptin in type 1 diabetes: only in conditions of hypoleptinemia. American Journal of Physiology - Endocrinology and Metabolism, 2020, 318, E72-E86.	1.8	5
9	Leptin: Is It Thermogenic?. Endocrine Reviews, 2020, 41, 232-260.	8.9	47
10	Human brown adipose tissue: Classical brown rather than brite/beige?. Experimental Physiology, 2020, 105, 1191-1200.	0.9	44
11	Reply to â€˜Confounding issues in the â€˜humanizedâ€™ brown fat of miceâ€™. Nature Metabolism, 2020, 2, 305-306.	5.1	7
12	Cell proliferation and apoptosis inhibition: essential processes for recruitment of the full thermogenic capacity of brown adipose tissue. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2019, 1864, 51-58.	1.2	29
13	Human brown adipose tissue is phenocopied by classical brown adipose tissue in physiologically humanized mice. Nature Metabolism, 2019, 1, 830-843.	5.1	103
14	Glucocorticoids and Brown Adipose Tissue: Do glucocorticoids really inhibit thermogenesis?. Molecular Aspects of Medicine, 2019, 68, 42-59.	2.7	30
15	No insulating effect of obesity, neither in mice nor in humans. American Journal of Physiology - Endocrinology and Metabolism, 2019, 317, E952-E953.	1.8	9
16	At thermoneutrality, acute thyroxine-induced thermogenesis and pyrexia are independent of UCP1. Molecular Metabolism, 2019, 25, 20-34.	3.0	46
17	The answer to the question â€œWhat is the best housing temperature to translate mouse experiments to humans?â€•is: thermoneutrality. Molecular Metabolism, 2019, 26, 1-3.	3.0	46
18	Glucocorticoid-Induced Obesity Develops Independently of UCP1. Cell Reports, 2019, 27, 1686-1698.e5.	2.9	49

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19	In the absence of UCP1-mediated diet-induced thermogenesis, obesity is augmented even in the obesity-resistant 129S mouse strain. American Journal of Physiology - Endocrinology and Metabolism, 2019, 316, E729-E740.	1.8	36
20	Intact innervation is essential for diet-induced recruitment of brown adipose tissue. American Journal of Physiology - Endocrinology and Metabolism, 2019, 316, E487-E503.	1.8	54
21	Optimal housing temperatures for mice to mimic the thermal environment of humans: AnÂexperimental study. Molecular Metabolism, 2018, 7, 161-170.	3.0	195
22	Brown adipose tissue as a heat-producing thermoeffector. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2018, 156, 137-152.	1.0	65
23	Promotion of lipid storage rather than of thermogenic competence by fetal versus newborn calf serum in primary cultures of brown adipocytes. Adipocyte, 2018, 7, 166-179.	1.3	3
24	UCP1 inhibition in Cidea-overexpressing mice is physiologically counteracted by brown adipose tissue hyperrecruitment. American Journal of Physiology - Endocrinology and Metabolism, 2017, 312, E72-E87.	1.8	41
25	UCP1 in adipose tissues: two steps to full browning. Biochimie, 2017, 134, 127-137.	1.3	153
26	Leptin-deficient mice are not hypothermic, they are anapyrexic. Molecular Metabolism, 2017, 6, 173.	3.0	13
27	Alternatively activated macrophages do not synthesize catecholamines or contribute to adipose tissue adaptive thermogenesis. Nature Medicine, 2017, 23, 623-630.	15.2	282
28	The Î²₃-adrenergic receptor is dispensable for browning of adipose tissues. American Journal of Physiology - Endocrinology and Metabolism, 2017, 312, E508-E518.	1.8	61
29	What Ignites UCP1?. Cell Metabolism, 2017, 26, 697-698.	7.2	37
30	Adaptive facultative diet-induced thermogenesis in wild-type but not in UCP1-ablated mice. American Journal of Physiology - Endocrinology and Metabolism, 2017, 313, E515-E527.	1.8	72
31	Brown Adipose Tissue. , 2017, , 354-363.e4.		3
32	Improved health-span and lifespan in mtDNA mutator mice treated with the mitochondrially targeted antioxidant SkQ1. Aging, 2017, 9, 315-339.	1.4	74
33	Reply to letter to the editor: at thermoneutrality, neither the lean nor the obese freeze. American Journal of Physiology - Endocrinology and Metabolism, 2016, 311, E639-E639.	1.8	5
34	An AMP-activated protein kinaseâ€“stabilizing peptide ameliorates adipose tissue wasting in cancer cachexia in mice. Nature Medicine, 2016, 22, 1120-1130.	15.2	106
35	No insulating effect of obesity. American Journal of Physiology - Endocrinology and Metabolism, 2016, 311, E202-E213.	1.8	51
36	Essential role of UCP1 modulating the central effects of thyroid hormones on energy balance. Molecular Metabolism, 2016, 5, 271-282.	3.0	96

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37	Leptin Raises Defended Body Temperature without Activating Thermogenesis. Cell Reports, 2016, 14, 1621-1631.	2.9	116
38	An siRNA-based method for efficient silencing of gene expression in mature brown adipocytes. Adipocyte, 2016, 5, 175-185.	1.3	43
39	Metabolically inert perfluorinated fatty acids directly activate uncoupling protein 1 in brown-fat mitochondria. Archives of Toxicology, 2016, 90, 1117-1128.	1.9	32
40	Adrenergically stimulated blood flow in brown adipose tissue is not dependent on thermogenesis. American Journal of Physiology - Endocrinology and Metabolism, 2015, 308, E822-E829.	1.8	32
41	The Environmental Pollutants Perfluorooctane Sulfonate and Perfluorooctanoic Acid Upregulate Uncoupling Protein 1 (UCP1) in Brown-Fat Mitochondria Through a UCP1-Dependent Reduction in Food Intake. Toxicological Sciences, 2015, 146, 334-343.	1.4	17
42	Cidea improves the metabolic profile through expansion of adipose tissue. Nature Communications, 2015, 6, 7433.	5.8	80
43	A stringent validation of mouse adipose tissue identity markers. American Journal of Physiology - Endocrinology and Metabolism, 2015, 308, E1085-E1105.	1.8	242
44	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
45	In vivo levels of mitochondrial hydrogen peroxide increase with age in mt<scp>DNA</scp> mutator mice. Aging Cell, 2014, 13, 765-768.	3.0	94
46	ROS production in brown adipose tissue mitochondria: The question of UCP1-dependence. Biochimica Et Biophysica Acta - Bioenergetics, 2014, 1837, 2017-2030.	0.5	51
47	The Browning of White Adipose Tissue: Some Burning Issues. Cell Metabolism, 2014, 20, 396-407.	7.2	428
48	Contrasting effects of cold acclimation versus obesogenic diets on chemerin gene expression in brown and brite adipose tissues. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2014, 1841, 1691-1699.	1.2	35
49	UCP1 in Brite/Beige Adipose Tissue Mitochondria Is Functionally Thermogenic. Cell Reports, 2013, 5, 1196-1203.	2.9	523
50	UCP1 mRNA does not produce heat. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2013, 1831, 943-949.	1.2	229
51	How brown is brown fat? It depends where you look. Nature Medicine, 2013, 19, 540-541.	15.2	58
52	A Classical Brown Adipose Tissue mRNA Signature Partly Overlaps with Brite in the Supraclavicular Region of Adult Humans. Cell Metabolism, 2013, 17, 798-805.	7.2	474
53	Mitochondrial dynamics regulate brown adiopcyte energy expenditure. FASEB Journal, 2013, 27, 582.4.	0.2	0
54	An essential role for Tbx15 in the differentiation of brown and â€œbriteâ€•but not white adipocytes. American Journal of Physiology - Endocrinology and Metabolism, 2012, 303, E1053-E1060.	1.8	75

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55	BMP8B Increases Brown Adipose Tissue Thermogenesis through Both Central and Peripheral Actions. Cell, 2012, 149, 871-885.	13.5	481
56	A New Role for Lipocalin Prostaglandin D Synthase in the Regulation of Brown Adipose Tissue Substrate Utilization. Diabetes, 2012, 61, 3139-3147.	0.3	48
57	Neither brown nor white. Nature, 2012, 488, 286-287.	13.7	42
58	Recruited vs. nonrecruited molecular signatures of brown, â€œbrite,â€•and white adipose tissues. American Journal of Physiology - Endocrinology and Metabolism, 2012, 302, E19-E31.	1.8	467
59	Brown Adipose Tissue: A Seasonal Tissue in Mammals, Including Humans?. , 2012, , 447-458.		1
60	Yes, even human brown fat is on fire!. Journal of Clinical Investigation, 2012, 122, 486-489.	3.9	52
61	New Powers of Brown Fat: Fighting the Metabolic Syndrome. Cell Metabolism, 2011, 13, 238-240.	7.2	165
62	Uncoupled respiration, ROS production, acute lipotoxicity and oxidative damage in isolated skeletal muscle mitochondria from UCP3-ablated mice. Biochimica Et Biophysica Acta - Bioenergetics, 2011, 1807, 1095-1105.	0.5	39
63	Gene-chip studies of adipogenesis-regulated microRNAs in mouse primary adipocytes and human obesity. BMC Endocrine Disorders, 2011, 11, 7.	0.9	113
64	Nonshivering thermogenesis and its adequate measurement in metabolic studies. Journal of Experimental Biology, 2011, 214, 242-253.	0.8	563
65	Brown Adipose Tissue: Development and Function. , 2011, , 470-482.		1
66	Cold tolerance of UCP1-ablated mice: A skeletal muscle mitochondria switch toward lipid oxidation with marked UCP3 up-regulation not associated with increased basal, fatty acid- or ROS-induced uncoupling or enhanced GDP effects. Biochimica Et Biophysica Acta - Bioenergetics, 2010, 1797, 968-980.	0.5	83
67	Uncoupling protein-1 is not leaky. Biochimica Et Biophysica Acta - Bioenergetics, 2010, 1797, 773-784.	0.5	78
68	Cardiolipin: Altered content and fatty acid composition in mitochondria from mtDNA mutator mice. Biochimica Et Biophysica Acta - Bioenergetics, 2010, 1797, 64.	0.5	0
69	Thyroid hormones: igniting brown fat via the brain. Nature Medicine, 2010, 16, 965-967.	15.2	68
70	UCP1 Induction during Recruitment of Brown Adipocytes in White Adipose Tissue Is Dependent on Cyclooxygenase Activity. PLoS ONE, 2010, 5, e11391.	1.1	174
71	Chronic Peroxisome Proliferator-activated Receptor Î³ (PPARÎ³) Activation of Epididymally Derived White Adipocyte Cultures Reveals a Population of Thermogenically Competent, UCP1-containing Adipocytes Molecularly Distinct from Classic Brown Adipocytes. Journal of Biological Chemistry, 2010, 285, 7153-7164.	1.6	1,131
72	Three years with adult human brown adipose tissue. Annals of the New York Academy of Sciences, 2010, 1212, E20-36.	1.8	145

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73	Caveolin-1-ablated mice survive in cold by nonshivering thermogenesis despite desensitized adrenergic responsiveness. American Journal of Physiology - Endocrinology and Metabolism, 2010, 299, E374-E383.	1.8	12
74	The Changed Metabolic World with Human Brown Adipose Tissue: Therapeutic Visions. Cell Metabolism, 2010, 11, 268-272.	7.2	379
75	Metabolic and Angiogenic Consequences of the Presence or Absence of UCP1. Research and Perspectives in Endocrine Interactions, 2010, , 111-120.	0.2	0
76	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
77	Thermogenesis challenges the adipostat hypothesis for body-weight control. Proceedings of the Nutrition Society, 2009, 68, 401-407.	0.4	91
78	Distinct expression of muscleâ€specific MicroRNAs (myomirs) in brown adipocytes. Journal of Cellular Physiology, 2009, 218, 444-449.	2.0	138
79	Hypoxia-Independent Angiogenesis in Adipose Tissues during Cold Acclimation. Cell Metabolism, 2009, 9, 99-109.	7.2	317
80	UCP1 Ablation Induces Obesity and Abolishes Diet-Induced Thermogenesis in Mice Exempt from Thermal Stress by Living at Thermoneutrality. Cell Metabolism, 2009, 9, 203-209.	7.2	1,136
81	Random Point Mutations with Major Effects on Protein-Coding Genes Are the Driving Force behind Premature Aging in mtDNA Mutator Mice. Cell Metabolism, 2009, 10, 131-138.	7.2	200
82	Neither fat nor flesh. Nature, 2008, 454, 947-948.	13.7	58
83	Within brown-fat cells, UCP1-mediated fatty acid-induced uncoupling is independent of fatty acid metabolism. Biochimica Et Biophysica Acta - Bioenergetics, 2008, 1777, 642-650.	0.5	36
84	A sequence predicted to form a stemâ€“loop is proposed to be required for formation of an RNAâ€“protein complex involving the 3'UTR of Î²-subunit F0F1-ATPase mRNA. Biochimica Et Biophysica Acta - Bioenergetics, 2008, 1777, 747-757.	0.5	5
85	Studies of Thermogenesis and Mitochondrial Function in Adipose Tissues. Methods in Molecular Biology, 2008, 456, 109-121.	0.4	53
86	Mitochondrial ATP synthase levels in brown adipose tissue are governed by the câ€Fo subunit P1 isoform. FASEB Journal, 2008, 22, 55-63.	0.2	64
87	Nonshivering thermogenesis protects against defective calcium handling in muscle. FASEB Journal, 2008, 22, 3919-3924.	0.2	59
88	Thermogenically competent nonadrenergic recruitment in brown preadipocytes by a PPARÎ³ agonist. American Journal of Physiology - Endocrinology and Metabolism, 2008, 295, E287-E296.	1.8	125
89	è„„è°«ã§ã„ã¤ã‹Œã°è‰¯ã§ã„ã¤ã„. Nature Digest, 2008, 5, 22-24.	0.0	0
90	Altered regulation of the PINK1 locus: a link between type 2 diabetes and neurodegeneration?. FASEB Journal, 2007, 21, 3653-3665.	0.2	83

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91	Myogenic gene expression signature establishes that brown and white adipocytes originate from distinct cell lineages. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 4401-4406.	3.3	637
92	Unexpected evidence for active brown adipose tissue in adult humans. American Journal of Physiology - Endocrinology and Metabolism, 2007, 293, E444-E452.	1.8	1,492
93	Adrenergic receptor density in brown adipose tissue of active and hibernating hamsters and ground squirrels. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2007, 146, 408-414.	0.8	8
94	Uncoupling proteins: A role in protection against reactive oxygen speciesâ€"or not?. Biochimica Et Biophysica Acta - Bioenergetics, 2006, 1757, 449-458.	0.5	167
95	Carboxyatractyloside effects on brown-fat mitochondria imply that the adenine nucleotide translocator isoforms ANT1 and ANT2 may be responsible for basal and fatty-acid-induced uncoupling respectively. Biochemical Journal, 2006, 399, 405-414.	1.7	79
96	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
97	Ablation of PGC-1Î² Results in Defective Mitochondrial Activity, Thermogenesis, Hepatic Function, and Cardiac Performance. PLoS Biology, 2006, 4, e369.	2.6	249
98	UCP1 is essential for adaptive adrenergic nonshivering thermogenesis. American Journal of Physiology - Endocrinology and Metabolism, 2006, 291, E350-E357.	1.8	199
99	UCP1 and Defense against Oxidative Stress. Journal of Biological Chemistry, 2006, 281, 13882-13893.	1.6	79
100	A Human-Specific Role of Cell Death-Inducing DFFA (DNA Fragmentation Factor-Â)-Like Effector A (CIDEA) in Adipocyte Lipolysis and Obesity. Diabetes, 2005, 54, 1726-1734.	0.3	168
101	SOD2 overexpression: enhanced mitochondrial tolerance but absence of effect on UCP activity. EMBO Journal, 2005, 24, 4061-4070.	3.5	98
102	PPARÎ³ in the control of brown adipocyte differentiation. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2005, 1740, 293-304.	1.8	168
103	Native UCP1 Displays Simple Competitive Kinetics between the Regulators Purine Nucleotides and Fatty Acids. Journal of Biological Chemistry, 2004, 279, 38236-38248.	1.6	143
104	Norepinephrine Increases Glucose Transport in Brown Adipocytes via Î²3-Adrenoceptors through a cAMP, PKA, and PI3-Kinase-Dependent Pathway Stimulating Conventional and Novel PKCs. Endocrinology, 2004, 145, 269-280.	1.4	112
105	Inhibitory effects of halothane on the thermogenic pathway in brown adipocytes: localization to adenylyl cyclase and mitochondrial fatty acid oxidation. Biochemical Pharmacology, 2004, 68, 463-477.	2.0	29
106	Brown Adipose Tissue: Function and Physiological Significance. Physiological Reviews, 2004, 84, 277-359.	13.1	5,263
107	Depressed Thermogenesis but Competent Brown Adipose Tissue Recruitment in Mice Devoid of All Hormone-Binding Thyroid Hormone Receptors. Molecular Endocrinology, 2004, 18, 384-401.	3.7	142
108	Angiogenesis Inhibitor, TNP-470, Prevents Diet-Induced and Genetic Obesity in Mice. Circulation Research, 2004, 94, 1579-1588.	2.0	294

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109	IL-1 and LPS but not IL-6 inhibit differentiation and downregulate PPAR gamma in brown adipocytes. Cytokine, 2004, 26, 9-15.	1.4	31
110	Noradrenaline represses PPAR (peroxisome-proliferator-activated receptor) Î³2 gene expression in brown adipocytes: intracellular signalling and effects on PPARÎ³2 and PPARÎ³1 protein levels. Biochemical Journal, 2004, 382, 597-606.	1.7	42
111	Brown Adipose Tissue: Development and Function. , 2004, , 404-415.		2
112	The â€˜Novelâ€™â€˜Uncouplingâ€™ Proteins UCP2 and UCP3: What Do They Really do? Pros and Cons for Suggested Functions. Experimental Physiology, 2003, 88, 65-84.	0.9	203
113	Thermogenesis Inhibition in Brown Adipocytes Is a Specific Property of Volatile Anesthetics. Anesthesiology, 2003, 98, 437-448.	1.3	49
114	Uncoupling protein-1: involvement in a novel pathway for Î²-adrenergic, cAMP-mediated intestinal relaxation. American Journal of Physiology - Renal Physiology, 2002, 283, G1107-G1116.	1.6	11
115	A novel pathway for adrenergic stimulation of cAMP-response-element-binding protein (CREB) phosphorylation: mediation via Î±1-adrenoceptors and protein kinase C activation. Biochemical Journal, 2002, 364, 73-79.	1.7	85
116	Cultures of Adipose Precursor Cells from Brown Adipose Tissue and of Clonal Brown-Adipocyte- Like Cell Lines. , 2001, 155, 213-224.		43
117	Analysis of inhibition by H89 of UCP1 gene expression and thermogenesis indicates protein kinase A mediation of Î²3-adrenergic signalling rather than Î²3-adrenoceptor antagonism by H89. Biochimica Et Biophysica Acta - Molecular Cell Research, 2001, 1538, 206-217.	1.9	35
118	UCP1: the only protein able to mediate adaptive non-shivering thermogenesis and metabolic inefficiency. Biochimica Et Biophysica Acta - Bioenergetics, 2001, 1504, 82-106.	0.5	489
119	Arotinolol is a weak partial agonist on Î²3-adrenergic receptors in brown adipocytes. Canadian Journal of Physiology and Pharmacology, 2001, 79, 585-593.	0.7	9
120	As the proliferation promoter noradrenaline induces expression of ICER (induced cAMP early) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 T Biochemical Journal, 2001, 354, 169.	1.7	5
121	As the proliferation promoter noradrenaline induces expression of ICER (induced cAMP early) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf Biochemical Journal, 2001, 354, 169-177.	1.7	13
122	Respiratory and Thermogenic Capacities of Cells and Mitochondria from Brown and White Adipose Tissue. , 2001, 155, 295-303.		29
123	Only UCP1 can mediate adaptive nonshivering thermogenesis in the cold. FASEB Journal, 2001, 15, 2048-2050.	0.2	411
124	Differential adrenergic regulation of the gene expression of the Î²-adrenoceptor subtypes Î²1, Î²2 and Î²3 in brown adipocytes. Biochemical Journal, 2000, 347, 643.	1.7	20
125	A novel principle for conferring selectivity to poly(A)-binding proteins: interdependence of two ATP synthase Î²-subunit mRNA-binding proteins. Biochemical Journal, 2000, 346, 33-39.	1.7	9
126	Differential adrenergic regulation of the gene expression of the Î²-adrenoceptor subtypes Î²1, Î²2 and Î²3 in brown adipocytes. Biochemical Journal, 2000, 347, 643-651.	1.7	56

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127	Thermogenic Responses in Brown Fat Cells Are Fully UCP1-dependent. Journal of Biological Chemistry, 2000, 275, 25073-25081.	1.6	297
128	Role of a New Mammalian Gene Family in the Biosynthesis of Very Long Chain Fatty Acids and Sphingolipids. Journal of Cell Biology, 2000, 149, 707-718.	2.3	196
129	Î²3- and Î±1-Adrenergic Erk1/2 Activation Is Src- but Not Gi-mediated in Brown Adipocytes. Journal of Biological Chemistry, 2000, 275, 22670-22677.	1.6	79
130	Is there a Life in the Cold without UCP1? Uncoupling Proteins and Thermoregulatory Thermogenesis. , 2000, , 387-400.		7
131	A novel principle for conferring selectivity to poly(A)-binding proteins: interdependence of two ATP synthase Î²-subunit mRNA-binding proteins. Biochemical Journal, 2000, 346, 33.	1.7	6
132	Î²1 to Î²3 Switch in Control of Cyclic Adenosine Monophosphate during Brown Adipocyte Development Explains Distinct Î²-Adrenoceptor Subtype Mediation of Proliferation and Differentiation1. Endocrinology, 1999, 140, 4185-4197.	1.4	109
133	The Bioenergetics of Brown Fat Mitochondria from UCP1-ablated Mice. Journal of Biological Chemistry, 1999, 274, 28150-28160.	1.6	103
134	A Dual Component Analysis Explains the Distinctive Kinetics of cAMP Accumulation in Brown Adipocytes. Journal of Biological Chemistry, 1999, 274, 37770-37780.	1.6	46
135	Benidipine induces thermogenesis in brown adipose tissue by releasing endogenous noradrenaline: a possible mechanism for the anti-obesity effect of calcium antagonists. International Journal of Obesity, 1999, 23, 238-245.	1.6	10
136	UCP1: the original uncoupling protein--and perhaps the only one? New perspectives on UCP1, UCP2, and UCP3 in the light of the bioenergetics of the UCP1-ablated mice. Journal of Bioenergetics and Biomembranes, 1999, 31, 475-491.	1.0	58
137	Brown Adipose Tissue: More Than an Effector of Thermogenesis?a. Annals of the New York Academy of Sciences, 1998, 856, 171-187.	1.8	112
138	Carteolol is a weak partial agonist on Î²3-adrenergic receptors in brown adipocytes. Canadian Journal of Physiology and Pharmacology, 1998, 76, 428-433.	0.7	14
139	Thermogenesis is Î²₃- but not Î²₁-adrenergically mediated in rat brown fat cells, even after cold acclimation. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1998, 275, R2002-R2011.	0.9	46
140	Apparent thermogenic effect of injected glucagon is not due to a direct effect on brown fat cells. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1998, 275, R1674-R1682.	0.9	27
141	Carteolol is a weak partial agonist on Î²₃-adrenergic receptors in brown adipocytes. Canadian Journal of Physiology and Pharmacology, 1998, 76, 428-433.	0.7	14
142	Î±1-Adrenergic Stimulation Potentiates the Thermogenic Action of Î²3-Adrenoreceptor-generated cAMP in Brown Fat Cells. Journal of Biological Chemistry, 1997, 272, 32847-32856.	1.6	94
143	Cig30, a Mouse Member of a Novel Membrane Protein Gene Family, Is Involved in the Recruitment of Brown Adipose Tissue. Journal of Biological Chemistry, 1997, 272, 31738-31746.	1.6	93
144	Adrenergic stimulation of lipoprotein lipase gene expression in rat brown adipocytes differentiated in culture: mediation via Î²3- and Î±1-adrenergic receptors. Biochemical Journal, 1997, 321, 759-767.	1.7	23

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145	Differential regulation of the expression of Î±1-adrenergic receptor subtype genes in brown adipose tissue. Biochemical Journal, 1997, 322, 417-424.	1.7	20
146	ATP synthase subunit c expression: physiological regulation of the P1 and P2 genes. Biochemical Journal, 1997, 323, 379-385.	1.7	46
147	Contrasting adrenergic effects on lipoprotein lipase gene expression in the brown adipose tissue of intact mice and in cultured brown adipocytes from mice. Lipids and Lipid Metabolism, 1997, 1345, 327-337.	2.6	10
148	The Interaction between Thyroid and Brown-Fat Thermogenesis.. Annals of the New York Academy of Sciences, 1997, 813, 712-717.	1.8	18
149	Analysis of the Cellular Mechanism for Halothane Inhibition of Brown Adipose Tissue Thermogenesis. Annals of the New York Academy of Sciences, 1997, 813, 718-721.	1.8	3
150	Stimulation of nonshivering thermogenesis in the Syrian hamster by norepinephrine and Î²-selective adrenergic agents: A phenomenon of refractoriness. Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology, 1996, 113, 37-43.	0.5	4
151	Postnatal selective suppression of lipoprotein lipase gene expression in brown adipose tissue (relative) Tj ETQq1 1 0.784314 rgBT /Over possible specific inhibitory effect of colostrum. Biochemical Journal, 1996, 314, 261-267.	1.7	11
152	Cold-induced reduction in GiÎ± proteins in brown adipose tissue. Effects on the cellular hypersensitization to noradrenaline caused by pertussis-toxin treatment. Biochemical Journal, 1996, 314, 761-768.	1.7	12
153	Down-regulation of Î²3 Adrenoreceptor Gene Expression in Brown Fat Cells Is Transient and Recovery Is Dependent upon a Short-lived Protein Factor. Journal of Biological Chemistry, 1996, 271, 33366-33375.	1.6	46
154	Adrenergic regulation of brown adipocyte differentiation. Biochemical Society Transactions, 1996, 24, 407-412.	1.6	16
155	Halothane Selectively Inhibits Nonshivering ThermogenesisÂ. Anesthesiology, 1995, 82, 491-501.	1.3	57
156	The Expression of Subunit c Correlates with and Thus May Limit the Biosynthesis of the Mitochondrial F0F1-ATPase in Brown Adipose Tissue. Journal of Biological Chemistry, 1995, 270, 7689-7694.	1.6	69
157	Sulfonates are low-affinity ligands for the GDP-binding site of brown-fat mitochondria. Biochimica Et Biophysica Acta - Bioenergetics, 1994, 1185, 311-317.	0.5	9
158	Choline+ is a low-affinity ligand for Î±1-adrenoceptors. Biochemical Pharmacology, 1994, 48, 1519-1523.	2.0	0
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