Jan Nedergaard

List of Publications by Year
in descending order

234	26,962	9775	73	6128	159
papers	citations		h-index		g-index

242	242	242	18312
all docs	docs citations	times ranked	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	Pyruvate kinase M2 represses thermogenic gene expression in brown adipocytes. FEBS Letters, 2020, 594, 1218-1225.	1.3	5
9	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
10	Leptin: Is It Thermogenic?. Endocrine Reviews, 2020, 41, 232-260.	8.9	47
11	Human brown adipose tissue: Classical brown rather than brite/beige?. Experimental Physiology, 2020, 105, 1191-1200.	0.9	44
12	Reply to â€˜Confounding issues in the â€˜humanizedâ€™ brown fat of miceâ€™. Nature Metabolism, 2020, 2, 305-306.	5.1	7
13	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
14	Human brown adipose tissue is phenocopied by classical brown adipose tissue in physiologically humanized mice. Nature Metabolism, 2019, 1, 830-843.	5.1	103
15	Glucocorticoids and Brown Adipose Tissue: Do glucocorticoids really inhibit thermogenesis?. Molecular Aspects of Medicine, 2019, 68, 42-59.	2.7	30
16	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
17	At thermoneutrality, acute thyroxine-induced thermogenesis and pyrexia are independent of UCP1. Molecular Metabolism, 2019, 25, 20-34.	3.0	46
18	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

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19	Glucocorticoid-Induced Obesity Develops Independently of UCP1. Cell Reports, 2019, 27, 1686-1698.e5.	2.9	49
20	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
21	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
22	Optimal housing temperatures for mice to mimic the thermal environment of humans: AnÂexperimental study. Molecular Metabolism, 2018, 7, 161-170.	3.0	195
23	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
24	Flow Cytometry of Mouse and Human Adipocytes for the Analysis of Browning and Cellular Heterogeneity. Cell Reports, 2018, 24, 2746-2756.e5.	2.9	65
25	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
26	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
27	UCP1 in adipose tissues: two steps to full browning. Biochimie, 2017, 134, 127-137.	1.3	153
28	Leptin-deficient mice are not hypothermic, they are anapyrexic. Molecular Metabolism, 2017, 6, 173.	3.0	13
29	Alternatively activated macrophages do not synthesize catecholamines or contribute to adipose tissue adaptive thermogenesis. Nature Medicine, 2017, 23, 623-630.	15.2	282
30	Î² 3 -Adrenergically induced glucose uptake in brown adipose tissue is independent of UCP1 presence or activity: Mediation through the mTOR pathway. Molecular Metabolism, 2017, 6, 611-619.	3.0	83
31	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
32	What Ignites UCP1?. Cell Metabolism, 2017, 26, 697-698.	7.2	37
33	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
34	Brown Adipose Tissue. , 2017, , 354-363.e4.		3
35	Improved health-span and lifespan in mtDNA mutator mice treated with the mitochondrially targeted antioxidant SkQ1. Aging, 2017, 9, 315-339.	1.4	74
36	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

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37	No insulating effect of obesity. American Journal of Physiology - Endocrinology and Metabolism, 2016, 311, E202-E213.	1.8	51
38	Essential role of UCP1 modulating the central effects of thyroid hormones on energy balance. Molecular Metabolism, 2016, 5, 271-282.	3.0	96
39	Leptin Raises Defended Body Temperature without Activating Thermogenesis. Cell Reports, 2016, 14, 1621-1631.	2.9	116
40	An siRNA-based method for efficient silencing of gene expression in mature brown adipocytes. Adipocyte, 2016, 5, 175-185.	1.3	43
41	Metabolically inert perfluorinated fatty acids directly activate uncoupling protein 1 in brown-fat mitochondria. Archives of Toxicology, 2016, 90, 1117-1128.	1.9	32
42	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
43	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
44	Cidea improves the metabolic profile through expansion of adipose tissue. Nature Communications, 2015, 6, 7433.	5.8	80
45	Leydig cell steroidogenesis unexpectedly escapes mitochondrial dysfunction in prematurely aging mice. FASEB Journal, 2015, 29, 3274-3286.	0.2	15
46	A stringent validation of mouse adipose tissue identity markers. American Journal of Physiology - Endocrinology and Metabolism, 2015, 308, E1085-E1105.	1.8	242
47	Genetic and functional characterization of clonally derived adult human brown adipocytes. Nature Medicine, 2015, 21, 389-394.	15.2	366
48	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
49	ROS production in brown adipose tissue mitochondria: The question of UCP1-dependence. Biochimica Et Biophysica Acta - Bioenergetics, 2014, 1837, 2017-2030.	0.5	51
50	Brown adipose tissue as an antiâ€obesity tissue in humans. Obesity Reviews, 2014, 15, 92-106.	3.1	71
51	Protein kinase A-mediated cell proliferation in brown preadipocytes is independent of Erk1/2, PI3K and mTOR. Experimental Cell Research, 2014, 328, 143-155.	1.2	12
52	The Browning of White Adipose Tissue: Some Burning Issues. Cell Metabolism, 2014, 20, 396-407.	7.2	428
53	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
54	In brown adipocytes, adrenergically induced Î²1-/Î²3-(Gs)-, Î±2-(Gi)- and Î±1-(Gq)-signalling to Erk1/2 activation is not mediated via EGF receptor transactivation. Experimental Cell Research, 2013, 319, 2718-2727.	1.2	10

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55	ERRÎ³ enhances UCP1 expression and fatty acid oxidation in brown adipocytes. Obesity, 2013, 21, 516-524.	1.5	29
56	UCP1 in Brite/Beige Adipose Tissue Mitochondria Is Functionally Thermogenic. Cell Reports, 2013, 5, 1196-1203.	2.9	523
57	UCP1 mRNA does not produce heat. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2013, 1831, 943-949.	1.2	229
58	How brown is brown fat? It depends where you look. Nature Medicine, 2013, 19, 540-541.	15.2	58
59	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
60	Human mediastinal adipose tissue displays certain characteristics of brown fat. Nutrition and Diabetes, 2013, 3, e66-e66.	1.5	32
61	Mitochondrial dynamics regulate brown adiopcyte energy expenditure. FASEB Journal, 2013, 27, 582.4.	0.2	0
62	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
63	Genome-Wide Profiling of Peroxisome Proliferator-Activated Receptor Î³ in Primary Epididymal, Inguinal, and Brown Adipocytes Reveals Depot-Selective Binding Correlated with Gene Expression. Molecular and Cellular Biology, 2012, 32, 3452-3463.	1.1	109
64	Neither brown nor white. Nature, 2012, 488, 286-287.	13.7	42
65	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
66	Brown Adipose Tissue: A Seasonal Tissue in Mammals, Including Humans?. , 2012, , 447-458.		1
67	Yes, even human brown fat is on fire!. Journal of Clinical Investigation, 2012, 122, 486-489.	3.9	52
68	New Powers of Brown Fat: Fighting the Metabolic Syndrome. Cell Metabolism, 2011, 13, 238-240.	7.2	165
69	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
70	Mitochondrial (â€˜mildâ€™) uncoupling and ROS production: physiologically relevant or not?. Biochemical Society Transactions, 2011, 39, 1305-1309.	1.6	104
71	Gene-chip studies of adipogenesis-regulated microRNAs in mouse primary adipocytes and human obesity. BMC Endocrine Disorders, 2011, 11, 7.	0.9	113
72	Nonshivering thermogenesis and its adequate measurement in metabolic studies. Journal of Experimental Biology, 2011, 214, 242-253.	0.8	563

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73	Brown Adipose Tissue: Development and Function. , 2011, , 470-482.		1
74	Ultraendurance exercise increases the production of reactive oxygen species in isolated mitochondria from human skeletal muscle. Journal of Applied Physiology, 2010, 108, 780-787.	1.2	83
75	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
76	Uncoupling protein-1 is not leaky. Biochimica Et Biophysica Acta - Bioenergetics, 2010, 1797, 773-784.	0.5	78
77	Cardiolipin: Altered content and fatty acid composition in mitochondria from mtDNA mutator mice. Biochimica Et Biophysica Acta - Bioenergetics, 2010, 1797, 64.	0.5	0
78	Differential involvement of caveolin-1 in brown adipocyte signaling: Impaired Î²3-adrenergic, but unaffected LPA, PDGF and EGF receptor signaling. Biochimica Et Biophysica Acta - Molecular Cell Research, 2010, 1803, 983-989.	1.9	22
79	Non-transactivational, dual pathways for LPA-induced Erk1/2 activation in primary cultures of brown pre-adipocytes. Experimental Cell Research, 2010, 316, 2664-2675.	1.2	17
80	Adipose tissue pathways involved in weight loss of cancer cachexia. British Journal of Cancer, 2010, 102, 1541-1548.	2.9	114
81	Increased fatigue resistance linked to Ca²⁺-stimulated mitochondrial biogenesis in muscle fibres of cold-acclimated mice. Journal of Physiology, 2010, 588, 4275-4288.	1.3	71
82	Thyroid hormones: igniting brown fat via the brain. Nature Medicine, 2010, 16, 965-967.	15.2	68
83	UCP1 Induction during Recruitment of Brown Adipocytes in White Adipose Tissue Is Dependent on Cyclooxygenase Activity. PLoS ONE, 2010, 5, e11391.	1.1	174
84	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
85	Three years with adult human brown adipose tissue. Annals of the New York Academy of Sciences, 2010, 1212, E20-36.	1.8	145
86	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
87	PPARÎ± does not suppress muscle-associated gene expression in brown adipocytes but does influence expression of factors that fingerprint the brown adipocyte. Biochemical and Biophysical Research Communications, 2010, 397, 146-151.	1.0	19
88	The Changed Metabolic World with Human Brown Adipose Tissue: Therapeutic Visions. Cell Metabolism, 2010, 11, 268-272.	7.2	379
89	Metabolic and Angiogenic Consequences of the Presence or Absence of UCP1. Research and Perspectives in Endocrine Interactions, 2010, , 111-120.	0.2	0
90	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

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91	Thermogenesis challenges the adipostat hypothesis for body-weight control. Proceedings of the Nutrition Society, 2009, 68, 401-407.	0.4	91
92	Distinct expression of muscleâ€specific MicroRNAs (myomirs) in brown adipocytes. Journal of Cellular Physiology, 2009, 218, 444-449.	2.0	138
93	Hypoxia-Independent Angiogenesis in Adipose Tissues during Cold Acclimation. Cell Metabolism, 2009, 9, 99-109.	7.2	317
94	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
95	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
96	Neither fat nor flesh. Nature, 2008, 454, 947-948.	13.7	58
97	Differential signalling pathways for EGF versus PDGF activation of Erk1/2 MAP kinase and cell proliferation in brown pre-adipocytes. Experimental Cell Research, 2008, 314, 3581-3592.	1.2	15
98	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
99	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
100	Studies of Thermogenesis and Mitochondrial Function in Adipose Tissues. Methods in Molecular Biology, 2008, 456, 109-121.	0.4	53
101	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
102	Nonshivering thermogenesis protects against defective calcium handling in muscle. FASEB Journal, 2008, 22, 3919-3924.	0.2	59
103	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
104	è„„è°«ã§ã„ãªãã‚Œãªè‚‰ã§ã„ãªã„. Nature Digest, 2008, 5, 22-24.	0.0	0
105	Cold-induced alterations of phospholipid fatty acyl composition in brown adipose tissue mitochondria are independent of uncoupling protein-1. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2007, 293, R1086-R1093.	0.9	27
106	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
107	Ca2+-independent effects of BAPTA and EGTA on single-channel Clâ^' currents in brown adipocytes. Biochimica Et Biophysica Acta - Biomembranes, 2007, 1768, 2714-2725.	1.4	9
108	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

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109	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
110	Uncoupling proteins: A role in protection against reactive oxygen speciesâ€"or not?. Biochimica Et Biophysica Acta - Bioenergetics, 2006, 1757, 449-458.	0.5	167
111	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
112	Differential role of presenilin-1 and -2 on mitochondrial membrane potential and oxygen consumption in mouse embryonic fibroblasts. Journal of Neuroscience Research, 2006, 84, 891-902.	1.3	42
113	UCP1 is essential for adaptive adrenergic nonshivering thermogenesis. American Journal of Physiology - Endocrinology and Metabolism, 2006, 291, E350-E357.	1.8	199
114	UCP1 and Defense against Oxidative Stress. Journal of Biological Chemistry, 2006, 281, 13882-13893.	1.6	79
115	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
116	SOD2 overexpression: enhanced mitochondrial tolerance but absence of effect on UCP activity. EMBO Journal, 2005, 24, 4061-4070.	3.5	98
117	Î±1- and Î²1-Adrenoceptor Signaling Fully Compensates for Î²3-Adrenoceptor Deficiency in Brown Adipocyte Norepinephrine-Stimulated Glucose Uptake. Endocrinology, 2005, 146, 2271-2284.	1.4	64
118	PPARÎ³ in the control of brown adipocyte differentiation. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2005, 1740, 293-304.	1.8	168
119	Norepinephrine but not hypoxia stimulates HIF-1Î± gene expression in brown adipocytes. Biochemical and Biophysical Research Communications, 2005, 337, 121-126.	1.0	19
120	Cold-induced expression of the VEGF gene in brown adipose tissue is independent of thermogenic oxygen consumption. FEBS Letters, 2005, 579, 5680-5684.	1.3	38
121	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
122	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
123	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
124	Brown Adipose Tissue: Function and Physiological Significance. Physiological Reviews, 2004, 84, 277-359.	13.1	5,263
125	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
126	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

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127	Brown Adipose Tissue: Development and Function. , 2004, , 404-415.		2
128	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
129	Effect of transforming growth factor-Î² on calcium homeostasis in prostate carcinoma cells. Biochemical and Biophysical Research Communications, 2003, 304, 643-649.	1.0	15
130	Thermogenesis Inhibition in Brown Adipocytes Is a Specific Property of Volatile Anesthetics. Anesthesiology, 2003, 98, 437-448.	1.3	49
131	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
132	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
133	Norepinephrine Specifically Stimulates Ribonucleotide Reductase Subunit R2 Gene Expression in Proliferating Brown Adipocytes: Mediation via a cAMP/PKA Pathway Involving Src and Erk1/2 Kinases. Experimental Cell Research, 2002, 274, 207-215.	1.2	15
134	Adenosine 5?-Monophosphate Is a Selective Inhibitor of the Brown Adipocyte Nonselective Cation Channel. Journal of Membrane Biology, 2002, 188, 183-197.	1.0	14
135	Cultures of Adipose Precursor Cells from Brown Adipose Tissue and of Clonal Brown-Adipocyte- Like Cell Lines. , 2001, 155, 213-224.		43
136	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
137	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
138	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
139	As the proliferation promoter noradrenaline induces expression of ICER (induced cAMP early) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Biochemical Journal, 2001, 354, 169.	1.7	5
140	As the proliferation promoter noradrenaline induces expression of ICER (induced cAMP early) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 Biochemical Journal, 2001, 354, 169-177.	1.7	13
141	Respiratory and Thermogenic Capacities of Cells and Mitochondria from Brown and White Adipose Tissue. , 2001, 155, 295-303.		29
142	Only UCP1 can mediate adaptive nonshivering thermogenesis in the cold. FASEB Journal, 2001, 15, 2048-2050.	0.2	411
143	Life without UCP1: mitochondrial, cellular and organismal characteristics of the UCP1-ablated mice. Biochemical Society Transactions, 2001, 29, 756.	1.6	30
144	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

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145	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
146	Norepinephrine-induced sustained inward current in brown fat cells: Î±1-mediated by nonselective cation channels. American Journal of Physiology - Endocrinology and Metabolism, 2000, 279, E963-E977.	1.8	8
147	Norepinephrine Induces Vascular Endothelial Growth Factor Gene Expression in Brown Adipocytes through a Î²-Adrenoreceptor/cAMP/Protein Kinase A Pathway Involving Src but Independently of Erk1/2. Journal of Biological Chemistry, 2000, 275, 13802-13811.	1.6	163
148	Thermogenic Responses in Brown Fat Cells Are Fully UCP1-dependent. Journal of Biological Chemistry, 2000, 275, 25073-25081.	1.6	297
149	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
150	Is there a Life in the Cold without UCP1? Uncoupling Proteins and Thermoregulatory Thermogenesis. , 2000, , 387-400.		7
151	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
152	The Bioenergetics of Brown Fat Mitochondria from UCP1-ablated Mice. Journal of Biological Chemistry, 1999, 274, 28150-28160.	1.6	103
153	Cig30 and Pitx3 Genes Are Arranged in a Partially Overlapping Tail-to-Tail Array Resulting in Complementary Transcripts. Journal of Biological Chemistry, 1999, 274, 26387-26392.	1.6	10
154	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
155	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
156	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
157	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
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