Fernando Goglia

List of Publications by Year in Descending Order

141 papers	5,704 citations	43 h-index	68 g-index
144 ext. papers	6,272 ext. citations	4.4 avg, IF	5.42 L-index

#	Paper	IF	Citations
141	Oxidative damage and mitochondrial functionality in hearts from KO UCP3 mice housed at thermoneutrality.. *Journal of Physiology and Biochemistry*, **2022**, 1	5	0
140	Ablation of uncoupling protein 3 affects interrelated factors leading to lipolysis and insulin resistance in visceral white adipose tissue.. *FASEB Journal*, **2022**, 36, e22325	0.9	
139	3,5-Diiodo-L-Thyronine (T2) Administration Affects Visceral Adipose Tissue Inflammatory State in Rats Receiving Long-Lasting High-Fat Diet. *Frontiers in Endocrinology*, **2021**, 12, 703170	5.7	2
138	BN-PAGE-Based Approach to Study Thyroid Hormones and Mitochondrial Function. *Methods in Molecular Biology*, **2021**, 2310, 33-45	1.4	
137	Exercise with food withdrawal at thermoneutrality impacts fuel use, the microbiome, AMPK phosphorylation, muscle fibers, and thyroid hormone levels in rats. *Physiological Reports*, **2020**, 8, e14354	2.6	7
136	Absence of uncoupling protein 3 at thermoneutrality influences brown adipose tissue mitochondrial functionality in mice. *FASEB Journal*, **2020**, 34, 15146-15163	0.9	4
135	3,5-Diiodo-L-Thyronine Exerts Metabolically Favorable Effects on Visceral Adipose Tissue of Rats Receiving a High-Fat Diet. *Nutrients*, **2019**, 11,	6.7	8
134	Both 3,3′,5-triiodothyronine and 3,5-diodo-L-thyronine Are Able to Repair Mitochondrial DNA Damage but by Different Mechanisms. *Frontiers in Endocrinology*, **2019**, 10, 216	5.7	5
133	3,5 Diiodo-l-Thyronine (T2) Promotes the Browning of White Adipose Tissue in High-Fat Diet-Induced Overweight Male Rats Housed at Thermoneutrality. *Cells*, **2019**, 8,	7.9	10
132	Absence of Uncoupling Protein-3 at Thermoneutrality Impacts Lipid Handling and Energy Homeostasis in Mice. *Cells*, **2019**, 8,	7.9	6
131	Thyroid hormone metabolites and analogues. *Endocrine*, **2019**, 66, 105-114	4	9
130	miR-22-3p is involved in gluconeogenic pathway modulated by 3,5-diiodo-L-thyronine (T2). *Scientific Reports*, **2019**, 9, 16645	4.9	6
129	The saturation degree of fatty acids and their derived acylcarnitines determines the direct effect of metabolically active thyroid hormones on insulin sensitivity in skeletal muscle cells. *FASEB Journal*, **2019**, 33, 1811-1823	0.9	12
128	3,5-Diiodo-L-Thyronine Affects Structural and Metabolic Features of Skeletal Muscle Mitochondria in High-Fat-Diet Fed Rats Producing a Co-adaptation to the Glycolytic Fiber Phenotype. *Frontiers in Physiology*, **2018**, 9, 194	4.6	8
127	3,5-Diiodothyronine: A Novel Thyroid Hormone Metabolite and Potent Modulator of Energy Metabolism. *Frontiers in Endocrinology*, **2018**, 9, 427	5.7	29
126	Effect of Iodothyronines on Thermogenesis: Focus on Brown Adipose Tissue. *Frontiers in Endocrinology*, **2018**, 9, 254	5.7	19
125	Differential Effects of 3,5-Diiodo-L-Thyronine and 3,5,3′-Triiodo-L-Thyronine On Mitochondrial Respiratory Pathways in Liver from Hypothyroid Rats. *Cellular Physiology and Biochemistry*, **2018**, 47, 2471-2483	3.9	10

124	Direct and rapid effects of 3,5-diiodo-L-thyronine (T2). *Molecular and Cellular Endocrinology*, **2017**, 458, 121-126	4.4	15
123	Metabolomic analysis shows differential hepatic effects of T and T in rats after short-term feeding with high fat diet. *Scientific Reports*, **2017**, 7, 2023	4.9	31
122	Exercise, fasting, and mimetics: toward beneficial combinations?. *FASEB Journal*, **2017**, 31, 14-28	0.9	23
121	Both 3,5-Diiodo-L-Thyronine and 3,5,3RTriiodo-L-Thyronine Prevent Short-term Hepatic Lipid Accumulation via Distinct Mechanisms in Rats Being Fed a High-Fat Diet. *Frontiers in Physiology*, **2017**, 8, 706	4.6	18
120	Nongenomic actions of thyroid hormone. *Nature Reviews Endocrinology*, **2016**, 12, 111-21	15.2	246
119	3,5,3RTriiodo-L-Thyronine- and 3,5-Diiodo-L-Thyronine- Affected Metabolic Pathways in Liver of LDL Receptor Deficient Mice. *Frontiers in Physiology*, **2016**, 7, 545	4.6	6
118	Mitochondrial Actions of Thyroid Hormone. *Comprehensive Physiology*, **2016**, 6, 1591-1607	7.7	36
117	3,5-Diiodo-L-thyronine activates brown adipose tissue thermogenesis in hypothyroid rats. *PLoS ONE*, **2015**, 10, e0116498	3.7	32
116	Regulation of skeletal muscle mitochondrial activity by thyroid hormones: focus on the "old" triiodothyronine and the "emerging" 3,5-diiodothyronine. *Frontiers in Physiology*, **2015**, 6, 237	4.6	26
115	BN-PAGE-based approach to study thyroid hormones and mitochondrial function. *Methods in Molecular Biology*, **2015**, 1241, 111-22	1.4	1
114	Triglyceride Mobilization from Lipid Droplets Sustains the Anti-Steatotic Action of Iodothyronines in Cultured Rat Hepatocytes. *Frontiers in Physiology*, **2015**, 6, 418	4.6	23
113	The effects of 3,5-diiodothyronine on energy balance. *Frontiers in Physiology*, **2014**, 5, 528	4.6	26
112	Thyroid: biological actions of RnonclassicalRthyroid hormones. *Journal of Endocrinology*, **2014**, 221, R1-12	4.7	78
111	Thyroid hormone analogues and derivatives: Actions in fatty liver. *World Journal of Hepatology*, **2014**, 6, 114-29	3.4	33
110	Proteomic approaches for the study of tissue specific effects of 3,5,3Rtriiodo-L-thyronine and 3,5-diiodo-L-thyronine in conditions of altered energy metabolism. *Frontiers in Physiology*, **2014**, 5, 491	4.6	7
109	3,5-diiodo-L-thyronine modifies the lipid droplet composition in a model of hepatosteatosis. *Cellular Physiology and Biochemistry*, **2014**, 33, 344-56	3.9	27
108	Studies of Complex Biological Systems with Applications to Molecular Medicine: The Need to Integrate Transcriptomic and Proteomic Approaches **2014**, 29-70		
107	Thyroid hormones and mitochondria: with a brief look at derivatives and analogues. *Molecular and Cellular Endocrinology*, **2013**, 379, 51-61	4.4	64

106	Genetic deletion of uncoupling protein 3 exaggerates apoptotic cell death in the ischemic heart leading to heart failure. *Journal of the American Heart Association*, **2013**, 2, e000086	6	40
105	(Healthy) ageing: focus on iodothyronines. *International Journal of Molecular Sciences*, **2013**, 14, 13873-92	2.3	9
104	Metabolic effects of the iodothyronine functional analogue TRC150094 on the liver and skeletal muscle of high-fat diet fed overweight rats: an integrated proteomic study. *Molecular BioSystems*, **2012**, 8, 1987-2000		13
103	Responses of skeletal muscle lipid metabolism in rat gastrocnemius to hypothyroidism and iodothyronine administration: a putative role for FAT/CD36. *American Journal of Physiology - Endocrinology and Metabolism*, **2012**, 303, E1222-33	6	25
102	Intracellular and plasma membrane-initiated pathways involved in the [Ca2+]i elevations induced by iodothyronines (T3 and T2) in pituitary GH3 cells. *American Journal of Physiology - Endocrinology and Metabolism*, **2012**, 302, E1419-30	6	18
101	3,5-Diiodo-L-thyronine modulates the expression of genes of lipid metabolism in a rat model of fatty liver. *Journal of Endocrinology*, **2012**, 212, 149-58	4.7	38
100	Direct effects of iodothyronines on excess fat storage in rat hepatocytes. *Journal of Hepatology*, **2011**, 54, 1230-6	13.4	48
99	Mammalian Mitochondrial Proteome And Its Functions: Current Investigative Techniques And Future Perspectives On Ageing And Diabetes. *Journal of Integrated OMICS*, **2011**, 1,	0.5	3
98	Uncoupling protein 3 expression levels influence insulin sensitivity, fatty acid oxidation, and related signaling pathways. *Pflugers Archiv European Journal of Physiology*, **2011**, 461, 153-64	4.6	39
97	Non-receptor-mediated actions are responsible for the lipid-lowering effects of iodothyronines in FaO rat hepatoma cells. *Journal of Endocrinology*, **2011**, 210, 59-69	4.7	42
96	Studies of complex biological systems with applications to molecular medicine: the need to integrate transcriptomic and proteomic approaches. *Journal of Biomedicine and Biotechnology*, **2011**, 2011, 810242		10
95	3,5-Diiodo-L-thyronine prevents high-fat-diet-induced insulin resistance in rat skeletal muscle through metabolic and structural adaptations. *FASEB Journal*, **2011**, 25, 3312-24	0.9	68
94	Nonthyrotoxic prevention of diet-induced insulin resistance by 3,5-diiodo-L-thyronine in rats. *Diabetes*, **2011**, 60, 2730-9	0.9	98
93	TRC150094 attenuates progression of nontraditional cardiovascular risk factors associated with obesity and type 2 diabetes in obese ZSF1 rats. *Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy*, **2011**, 4, 5-16	3.4	12
92	3,5-diiodo-L-thyronine increases resting metabolic rate and reduces body weight without undesirable side effects. *Journal of Biological Regulators and Homeostatic Agents*, **2011**, 25, 655-60	0.7	46
91	High levels of circulating N-terminal pro-brain natriuretic peptide in patients with hepatitis C. *Journal of Viral Hepatitis*, **2010**, 17, 851-3	3.4	14
90	TRC150094, a novel functional analog of iodothyronines, reduces adiposity by increasing energy expenditure and fatty acid oxidation in rats receiving a high-fat diet. *FASEB Journal*, **2010**, 24, 3451-61	0.9	27
89	UCP3 translocates lipid hydroperoxide and mediates lipid hydroperoxide-dependent mitochondrial uncoupling. *Journal of Biological Chemistry*, **2010**, 285, 16599-605	5.4	40

88	PPARs: Nuclear Receptors Controlled by, and Controlling, Nutrient Handling through Nuclear and Cytosolic Signaling. *PPAR Research*, **2010**, 2010,	4.3	36
87	Dietary zinc supplementation of 3xTg-AD mice increases BDNF levels and prevents cognitive deficits as well as mitochondrial dysfunction. *Cell Death and Disease*, **2010**, 1, e91	9.8	127
86	Alterations of brain and cerebellar proteomes linked to A and tau pathology in a female triple-transgenic murine model of Alzheimer's disease. *Cell Death and Disease*, **2010**, 1, e90	9.8	41
85	Pathways affected by 3,5-diiodo-l-thyronine in liver of high fat-fed rats: evidence from two-dimensional electrophoresis, blue-native PAGE, and mass spectrometry. *Molecular BioSystems*, **2010**, 6, 2256-71		33
84	Thyroid hormones, mitochondrial bioenergetics and lipid handling. *Current Opinion in Endocrinology, Diabetes and Obesity*, **2010**, 17, 402-7	4	38
83	High expression of thyroid hormone receptors and mitochondrial glycerol-3-phosphate dehydrogenase in the liver is linked to enhanced fatty acid oxidation in Lou/C, a rat strain resistant to obesity. *Journal of Biological Chemistry*, **2009**, 284, 4308-16	5.4	20
82	3,5-Diiodo-L-thyronine rapidly enhances mitochondrial fatty acid oxidation rate and thermogenesis in rat skeletal muscle: AMP-activated protein kinase involvement. *American Journal of Physiology - Endocrinology and Metabolism*, **2009**, 296, E497-502	6	65
81	Serum levels of proinflammatory cytokines interleukin-1beta, interleukin-6, and tumor necrosis factor alpha in mixed cryoglobulinemia. *Arthritis and Rheumatism*, **2009**, 60, 3841-7		35
80	Defining the transcriptomic and proteomic profiles of rat ageing skeletal muscle by the use of a cDNA array, 2D- and Blue native-PAGE approach. *Journal of Proteomics*, **2009**, 72, 708-21	3.9	76
79	Uncoupling proteins: a complex journey to function discovery. *BioFactors*, **2009**, 35, 417-28	6.1	58
78	3,5-diiodo-l-thyronine, by modulating mitochondrial functions, reverses hepatic fat accumulation in rats fed a high-fat diet. *Journal of Hepatology*, **2009**, 51, 363-70	13.4	93
77	Interrelated influence of superoxides and free fatty acids over mitochondrial uncoupling in skeletal muscle. *Biochimica Et Biophysica Acta - Bioenergetics*, **2008**, 1777, 826-33	4.6	20
76	Metabolic effects of thyroid hormone derivatives. *Thyroid*, **2008**, 18, 239-53	6.2	181
75	Combined effect of gender and caloric restriction on liver proteomic expression profile. *Journal of Proteome Research*, **2008**, 7, 2872-81	5.6	14
74	Metabolic Action of Thyroid Hormones: Insights from Functional and Proteomic Studies. *Current Proteomics*, **2008**, 5, 45-61	0.7	1
73	Age-related changes in renal and hepatic cellular mechanisms associated with variations in rat serum thyroid hormone levels. *American Journal of Physiology - Endocrinology and Metabolism*, **2008** , 294, E1160-8	6	26
72	Rapid activation by 3,5,3R-triiodothyronine of adenosine 5R-monophosphate-activated protein kinase/acetyl-coenzyme a carboxylase and akt/protein kinase B signaling pathways: relation to changes in fuel metabolism and myosin heavy-chain protein content in rat gastrocnemius muscle in vivo. *Endocrinology*, **2008**, 149, 6462-70	4.8	37
71	Peroxisome Proliferator-Activated Receptor Delta: A Conserved Director of Lipid Homeostasis through Regulation of the Oxidative Capacity of Muscle. *PPAR Research*, **2008**, 2008, 172676	4.3	30

70	Fuel economy in food-deprived skeletal muscle: signaling pathways and regulatory mechanisms. *FASEB Journal*, **2007**, 21, 3431-41	0.9	108
69	Thyroid-state influence on protein-expression profile of rat skeletal muscle. *Journal of Proteome Research*, **2007**, 6, 3187-96	5.6	19
68	Triiodothyronine modulates the expression of aquaporin-8 in rat liver mitochondria. *Journal of Endocrinology*, **2007**, 192, 111-20	4.7	28
67	Differential 3,5,3Rtriiodothyronine-mediated regulation of uncoupling protein 3 transcription: role of Fatty acids. *Endocrinology*, **2007**, 148, 4064-72	4.8	26
66	Acute administration of 3,5-diiodo-L-thyronine to hypothyroid rats affects bioenergetic parameters in rat skeletal muscle mitochondria. *FEBS Letters*, **2007**, 581, 5911-6	3.8	24
65	Sequential changes in the signal transduction responses of skeletal muscle following food deprivation. *FASEB Journal*, **2006**, 20, 2579-81	0.9	59
64	Fenofibrate activates the biochemical pathways and the de novo expression of genes related to lipid handling and uncoupling protein-3 functions in liver of normal rats. *Biochimica Et Biophysica Acta - Bioenergetics*, **2006**, 1757, 486-95	4.6	16
63	A proteomics approach to identify protein expression changes in rat liver following administration of 3,5,3Rtriiodo-L-thyronine. *Journal of Proteome Research*, **2006**, 5, 2317-27	5.6	17
62	MITCHELL MEDAL LECTURE. *Biochimica Et Biophysica Acta - Bioenergetics*, **2006**, 1757, 1-551	4.6	1
61	Thyroid-hormone effects on putative biochemical pathways involved in UCP3 activation in rat skeletal muscle mitochondria. *FEBS Letters*, **2005**, 579, 1639-45	3.8	26
60	Thyroid hormones as molecular determinants of thermogenesis. *Acta Physiologica Scandinavica*, **2005**, 184, 265-83		68
59	Biological effects of 3,5-diiodothyronine (T(2)). *Biochemistry (Moscow)*, **2005**, 70, 164-72	2.9	63
58	3,5-diiodo-L-thyronine powerfully reduces adiposity in rats by increasing the burning of fats. *FASEB Journal*, **2005**, 19, 1552-4	0.9	112
57	Hepatitis C virus infection: evidence for an association with type 2 diabetes. *Diabetes Care*, **2005**, 28, 2548-50	14.6	97
56	Combined cDNA array/RT-PCR analysis of gene expression profile in rat gastrocnemius muscle: relation to its adaptive function in energy metabolism during fasting. *FASEB Journal*, **2004**, 18, 350-2	0.9	49
55	A function for novel uncoupling proteins: antioxidant defense of mitochondrial matrix by translocating fatty acid peroxides from the inner to the outer membrane leaflet. *FASEB Journal*, **2003**, 17, 1585-91	0.9	196
54	Identification of 3,5-diiodo-L-thyronine-binding proteins in rat liver cytosol by photoaffinity labeling. *Endocrinology*, **2003**, 144, 2297-303	4.8	14
53	Uncoupling proteins-2 and 3 influence obesity and inflammation in transgenic mice. *International Journal of Obesity*, **2003**, 27, 433-42	5.5	70

52	Thyroid hormone and uncoupling proteins. *FEBS Letters*, **2003**, 543, 5-10	3.8	103
51	Fasting, lipid metabolism, and triiodothyronine in rat gastrocnemius muscle: interrelated roles of uncoupling protein 3, mitochondrial thioesterase, and coenzyme Q. *FASEB Journal*, **2003**, 17, 1112-4	0.9	32
50	Effect of age and cold exposure on morphofunctional characteristics of skeletal muscle in neonatal pigs. *Pflugers Archiv European Journal of Physiology*, **2002**, 444, 610-8	4.6	22
49	Thyroid hormones and mitochondria. *Bioscience Reports*, **2002**, 22, 17-32	4.1	61
48	Are the effects of T3 on resting metabolic rate in euthyroid rats entirely caused by T3 itself?. *Endocrinology*, **2002**, 143, 504-10	4.8	71
47	De novo expression of uncoupling protein 3 is associated to enhanced mitochondrial thioesterase-1 expression and fatty acid metabolism in liver of fenofibrate-treated rats. *FEBS Letters*, **2002**, 525, 7-12	3.8	30
46	Skeletal muscle mitochondrial free-fatty-acid content and membrane potential sensitivity in different thyroid states: involvement of uncoupling protein-3 and adenine nucleotide translocase. *FEBS Letters*, **2002**, 532, 12-6	3.8	17
45	Uncoupling protein-3 is a molecular determinant for the regulation of resting metabolic rate by thyroid hormone. *Endocrinology*, **2001**, 142, 3414-20	4.8	96
44	Fenofibrate prevents and reduces body weight gain and adiposity in diet-induced obese rats. *FEBS Letters*, **2001**, 491, 154-8	3.8	101
43	Control of energy metabolism by iodothyronines. *Journal of Endocrinological Investigation*, **2001**, 24, 897-913	5.2	45
42	Characterisation of oxidative phosphorylation in skeletal muscle mitochondria subpopulations in pig: a study using top-down elasticity analysis. *FEBS Letters*, **2000**, 475, 84-8	3.8	33
41	3,5-diiodo-L-thyronine regulates glucose-6-phosphate dehydrogenase activity in the rat. *Endocrinology*, **2000**, 141, 1729-34	4.8	34
40	Expression of uncoupling protein-3 and mitochondrial activity in the transition from hypothyroid to hyperthyroid state in rat skeletal muscle. *FEBS Letters*, **1999**, 444, 250-4	3.8	89
39	Action of thyroid hormones at the cellular level: the mitochondrial target. *FEBS Letters*, **1999**, 452, 115-20	3.8	117
38	Brain uncoupling protein 2: uncoupled neuronal mitochondria predict thermal synapses in homeostatic centers. *Journal of Neuroscience*, **1999**, 19, 10417-27	6.6	146
37	3,5-Diiodothyronine binds to subunit Va of cytochrome-c oxidase and abolishes the allosteric inhibition of respiration by ATP. *FEBS Journal*, **1998**, 252, 325-30		155
36	3,5-Diiodo-L-thyronine and 3,5,3Rtriiodo-L-thyronine both improve the cold tolerance of hypothyroid rats, but possibly via different mechanisms. *Pflugers Archiv European Journal of Physiology*, **1998**, 436, 407-14	4.6	28
35	Segregation of the intra- and extrahypothalamic neuropeptide Y and catecholaminergic inputs on paraventricular neurons, including those producing thyrotropin-releasing hormone. *Regulatory Peptides*, **1998**, 75-76, 117-26		32

34	Effect of 3,5-diiodo-L-thyronine on thyroid stimulating hormone and growth hormone serum levels in hypothyroid rats. *Life Sciences*, **1998**, 62, 2369-77	6.8	19
33	Monosynaptic pathway between the arcuate nucleus expressing glial type II iodothyronine 5Rdeiodinase mRNA and the median eminence-projective TRH cells of the rat paraventricular nucleus. *Journal of Neuroendocrinology*, **1998**, 10, 731-42	3.8	45
32	Fasting-induced increase in type II iodothyronine deiodinase activity and messenger ribonucleic acid levels is not reversed by thyroxine in the rat hypothalamus. *Endocrinology*, **1998**, 139, 2879-84	4.8	115
31	Effect of 3,5-di-iodo-L-thyronine on the mitochondrial energy-transduction apparatus. *Biochemical Journal*, **1998**, 330 (Pt 1), 521-6	3.8	51
30	Characterization of the binding of 3,3Rdi-iodo-L-thyronine to rat liver mitochondria. *Journal of Endocrinology*, **1997**, 154, 119-24	4.7	
29	Induction of UCP2 mRNA by thyroid hormones in rat heart. *FEBS Letters*, **1997**, 418, 171-4	3.8	75
28	How the thyroid controls metabolism in the rat: different roles for triiodothyronine and diiodothyronines. *Journal of Physiology*, **1997**, 505 (Pt 2), 529-38	3.9	96
27	Demonstration of in vivo metabolic effects of 3,5-di-iodothyronine. *Journal of Endocrinology*, **1996**, 149, 319-25	4.7	41
26	Biochemical and functional differences in rat liver mitochondrial subpopulations obtained at different gravitational forces. *International Journal of Biochemistry and Cell Biology*, **1996**, 28, 337-43	5.6	37
25	Calorigenic effect of diiodothyronines in the rat. *Journal of Physiology*, **1996**, 494 (Pt 3), 831-7	3.9	56
24	Regulation of Electron Transport and Proton Pumping of Cytochrome c Oxidase by Nucleotides and Thyroid Hormones. *Progress in Cell Research*, **1995**, 5, 19-23		1
23	Rapid glucuronidation of tri- and tetraiodothyroacetic acid to ester glucuronides in human liver and to ether glucuronides in rat liver. *Endocrinology*, **1994**, 135, 1004-9	4.8	24
22	In vitro binding of 3,5-di-iodo-L-thyronine to rat liver mitochondria. *Journal of Molecular Endocrinology*, **1994**, 13, 275-82	4.5	42
21	Activation and inactivation of thyroid hormone by type I iodothyronine deiodinase. *FEBS Letters*, **1994**, 344, 143-6	3.8	36
20	Interaction of diiodothyronines with isolated cytochrome c oxidase. *FEBS Letters*, **1994**, 346, 295-8	3.8	54
19	Specific binding sites for 3,3Rdiiodo-L-thyronine (3,3RT2) in rat liver mitochondria. *FEBS Letters*, **1994**, 351, 237-40	3.8	18
18	Rapid stimulation in vitro of rat liver cytochrome oxidase activity by 3,5-diiodo-L-thyronine and by 3,3Rdiiodo-L-thyronine. *Molecular and Cellular Endocrinology*, **1994**, 99, 89-94	4.4	56
17	Effect of thyroid status on the oxidative capacity of Sertoli cells isolated from immature rat testis. *European Journal of Endocrinology*, **1994**, 130, 308-12	6.5	10

16	Cold exposure induces different uncoupling-protein thermogenin masking/unmasking processes in brown adipose tissue depending on mitochondrial subtypes. *Biochemical Journal*, **1994**, 300 (Pt 2), 463-8	3.8	24
15	Effect of 3,3Rdi-iodothyronine and 3,5-di-iodothyronine on rat liver mitochondria. *Journal of Endocrinology*, **1993**, 136, 59-64	4.7	58
14	Effect of cold acclimation on oxidative capacity and respiratory properties of liver and muscle mitochondria in ducklings, Cairina moschata. *Comparative Biochemistry and Physiology Part B: Comparative Biochemistry*, **1993**, 106, 95-101		6
13	Effect of 3,3Rdiiodothyronine and 3,5-diiodothyronine on rat liver oxidative capacity. *Molecular and Cellular Endocrinology*, **1992**, 86, 143-8	4.4	53
12	Morphometric-stereologic analysis of brown adipocyte differentiation in adult mice. *American Journal of Physiology - Cell Physiology*, **1992**, 262, C1018-23	5.4	15
11	Liver and brown fat mitochondrial response to cold in the garden dormouse (Eliomys quercinus). *Comparative Biochemistry and Physiology Part B: Comparative Biochemistry*, **1990**, 97, 809-13		2
10	Elevated hepatic mitochondrial oxidative capacities in cold exposed rats. *Comparative Biochemistry and Physiology Part B: Comparative Biochemistry*, **1990**, 97, 327-31		1
9	The effect of thyroid state on respiratory activities of three rat liver mitochondrial fractions. *Molecular and Cellular Endocrinology*, **1989**, 62, 41-6	4.4	20
8	Light mitochondria and cellular thermogenesis. *Biochemical and Biophysical Research Communications*, **1988**, 151, 1241-9	3.4	35
7	Mitochondrial DNA, RNA and protein synthesis in normal, hypothyroid and mildly hyperthyroid rat liver during cold exposure. *Molecular and Cellular Endocrinology*, **1988**, 55, 141-7	4.4	21
6	Tri-iodothyronine enhances the formation of light mitochondria during cold exposure. *Comparative Biochemistry and Physiology Part B: Comparative Biochemistry*, **1986**, 85, 869-73		5
5	Triiodothyronine receptor sites in serum-free cultured hepatocytes from adult rat liver. *Cell Biochemistry and Function*, **1985**, 3, 91-4	4.2	7
4	Thyroid state and mitochondrial population during cold exposure. *Pflugers Archiv European Journal of Physiology*, **1983**, 396, 49-53	4.6	31
3	In vitro binding of triiodothyronine to rat liver mitochondria. *Pflugers Archiv European Journal of Physiology*, **1981**, 390, 120-4	4.6	54
2	Thyroid state and mitochondrial population during maturation and ageing. *Journal of Endocrinological Investigation*, **1980**, 3, 293-6	5.2	11
1	Modification of nucleic acid levels per mitochondrion induced by thyroidectomy or triiodothyronine administration. *Pflugers Archiv European Journal of Physiology*, **1976**, 366, 73-7	4.6	18