Rita De Matteis

List of Publications by Year in Descending Order

42 papers	2,753 citations	24 h-index	44 g-index
44 ext. papers	3,019 ext. citations	5.3 avg, IF	4.18 L-index

#	Paper	IF	Citations
42	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	
41	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
40	Temporal correlation of morphological and biochemical changes with the recruitment of different mechanisms of reactive oxygen species formation during human SW872 cell adipogenic differentiation. *BioFactors*, **2021**, 47, 837-851	6.1	1
39	Absence of uncoupling protein 3 at thermoneutrality influences brown adipose tissue mitochondrial functionality in mice. *FASEB Journal*, **2020**, 34, 15146-15163	0.9	4
38	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
37	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
36	Absence of Uncoupling Protein-3 at Thermoneutrality Impacts Lipid Handling and Energy Homeostasis in Mice. *Cells*, **2019**, 8,	7.9	6
35	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
34	Mercury-Pollution Induction of Intracellular Lipid Accumulation and Lysosomal Compartment Amplification in the Benthic Foraminifer Ammonia parkinsoniana. *PLoS ONE*, **2016**, 11, e0162401	3.7	13
33	3,5-Diiodo-L-thyronine activates brown adipose tissue thermogenesis in hypothyroid rats. *PLoS ONE*, **2015**, 10, e0116498	3.7	32
32	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
31	Morphological adaptation and protein modulation of myotendinous junction following moderate aerobic training. *Histology and Histopathology*, **2015**, 30, 465-72	1.4	4
30	Effects of binge ethanol on lipid homeostasis and oxidative stress in a rat model of nonalcoholic fatty liver disease. *Journal of Physiology and Biochemistry*, **2014**, 70, 341-53	5	9
29	Exercise as a new physiological stimulus for brown adipose tissue activity. *Nutrition, Metabolism and Cardiovascular Diseases*, **2013**, 23, 582-90	4.5	123
28	The vascular endothelium of the adipose tissue gives rise to both white and brown fat cells. *Cell Metabolism*, **2012**, 15, 222-9	24.6	284
27	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
26	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

25	The expression analysis of mouse interleukin-6 splice variants argued against their biological relevance. *BMB Reports*, **2012**, 45, 32-7	5.5	4
24	Direct effects of iodothyronines on excess fat storage in rat hepatocytes. *Journal of Hepatology*, **2011**, 54, 1230-6	13.4	48
23	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
22	Nonthyrotoxic prevention of diet-induced insulin resistance by 3,5-diiodo-L-thyronine in rats. *Diabetes*, **2011**, 60, 2730-9	0.9	98
21	UCP1 induction during recruitment of brown adipocytes in white adipose tissue is dependent on cyclooxygenase activity. *PLoS ONE*, **2010**, 5, e11391	3.7	155
20	The emergence of cold-induced brown adipocytes in mouse white fat depots is determined predominantly by white to brown adipocyte transdifferentiation. *American Journal of Physiology - Endocrinology and Metabolism*, **2010**, 298, E1244-53	6	520
19	In vivo physiological transdifferentiation of adult adipose cells. *Stem Cells*, **2009**, 27, 2761-8	5.8	68
18	Effects of 3,5-diiodo-L-thyronine administration on the liver of high fat diet-fed rats. *Experimental Biology and Medicine*, **2008**, 233, 549-57	3.7	30
17	Serum amyloid A: production by human white adipocyte and regulation by obesity and nutrition. *Diabetologia*, **2005**, 48, 519-28	10.3	139
16	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, 4112-7	11.5	231
15	Reversible transdifferentiation of secretory epithelial cells into adipocytes in the mammary gland. *Proceedings of the National Academy of Sciences of the United States of America*, **2004**, 101, 16801-6	11.5	120
14	In vivo leptin expression in cartilage and bone cells of growing rats and adult humans. *Journal of Anatomy*, **2004**, 205, 291-6	2.9	47
13	Perinatal expression of leptin in rat stomach. *Developmental Dynamics*, **2002**, 223, 148-54	2.9	58
12	Intralobular ducts of human major salivary glands contain leptin and its receptor. *Journal of Anatomy*, **2002**, 201, 363-70	2.9	41
11	Immunohistochemical identification of the beta(3)-adrenoceptor in intact human adipocytes and ventricular myocardium: effect of obesity and treatment with ephedrine and caffeine. *International Journal of Obesity*, **2002**, 26, 1442-50	5.5	58
10	CL316,243 and cold stress induce heterogeneous expression of UCP1 mRNA and protein in rodent brown adipocytes. *Journal of Histochemistry and Cytochemistry*, **2002**, 50, 21-31	3.4	56
9	Corticosteroid-binding globulin synthesis and distribution in rat white adipose tissue. *Molecular and Cellular Biochemistry*, **2001**, 228, 25-31	4.2	15
8	Leptin in the human stomach. *Gut*, **2001**, 49, 155	19.2	49

7	Oleoyl-estrone does not have direct estrogenic effects on rats. *Life Sciences*, **2001**, 69, 749-61	6.8	19
6	TH-, NPY-, SP-, and CGRP-immunoreactive nerves in interscapular brown adipose tissue of adult rats acclimated at different temperatures: an immunohistochemical study. *Journal of Neurocytology*, **1998**, 27, 877-86		71
5	Ultrastructural immunolocalization of leptin receptor in mouse brain. *Neuroendocrinology*, **1998**, 68, 412-96	5.6	57
4	Immunohistochemical localization of leptin and uncoupling protein in white and brown adipose tissue. *Endocrinology*, **1997**, 138, 797-804	4.8	173
3	Vitamin E affects quantitative age changes in lumbar motoneurons and in their peripheral projections. *Mechanisms of Ageing and Development*, **1997**, 99, 137-52	5.6	
2	Changes in the number of primary sensory neurons in normal and vitamin-E-deficient rats during aging. *Somatosensory & Motor Research*, **1995**, 12, 317-27	1.2	24
1	Increased number of sciatic sensory neurons in vitamin-E-deficient rats. *Somatosensory & Motor Research*, **1994**, 11, 269-78	1.2	9