

Rita De Matteis

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	The emergence of cold-induced brown adipocytes in mouse white fat depots is determined predominantly by white to brown adipocyte transdifferentiation. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2010 , 298, E1244-53	6	520
41	The vascular endothelium of the adipose tissue gives rise to both white and brown fat cells. <i>Cell Metabolism</i> , 2012 , 15, 222-9	24.6	284
40	Retinoblastoma protein functions as a molecular switch determining white versus brown adipocyte differentiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 4112-7	11.5	231
39	Immunohistochemical localization of leptin and uncoupling protein in white and brown adipose tissue. <i>Endocrinology</i> , 1997 , 138, 797-804	4.8	173
38	UCP1 induction during recruitment of brown adipocytes in white adipose tissue is dependent on cyclooxygenase activity. <i>PLoS ONE</i> , 2010 , 5, e11391	3.7	155
37	Serum amyloid A: production by human white adipocyte and regulation by obesity and nutrition. <i>Diabetologia</i> , 2005 , 48, 519-28	10.3	139
36	Exercise as a new physiological stimulus for brown adipose tissue activity. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2013 , 23, 582-90	4.5	123
35	Reversible transdifferentiation of secretory epithelial cells into adipocytes in the mammary gland. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 16801-6	11.5	120
34	Nonthyrototoxic prevention of diet-induced insulin resistance by 3,5-diiodo-L-thyronine in rats. <i>Diabetes</i> , 2011 , 60, 2730-9	0.9	98
33	TH-, NPY-, SP-, and CGRP-immunoreactive nerves in interscapular brown adipose tissue of adult rats acclimated at different temperatures: an immunohistochemical study. <i>Journal of Neurocytology</i> , 1998 , 27, 877-86		71
32	In vivo physiological transdifferentiation of adult adipose cells. <i>Stem Cells</i> , 2009 , 27, 2761-8	5.8	68
31	3,5-Diiodo-L-thyronine prevents high-fat-diet-induced insulin resistance in rat skeletal muscle through metabolic and structural adaptations. <i>FASEB Journal</i> , 2011 , 25, 3312-24	0.9	68
30	Perinatal expression of leptin in rat stomach. <i>Developmental Dynamics</i> , 2002 , 223, 148-54	2.9	58
29	Immunohistochemical identification of the beta(3)-adrenoceptor in intact human adipocytes and ventricular myocardium: effect of obesity and treatment with ephedrine and caffeine. <i>International Journal of Obesity</i> , 2002 , 26, 1442-50	5.5	58
28	Ultrastructural immunolocalization of leptin receptor in mouse brain. <i>Neuroendocrinology</i> , 1998 , 68, 412-96	5.6	57
27	CL316,243 and cold stress induce heterogeneous expression of UCP1 mRNA and protein in rodent brown adipocytes. <i>Journal of Histochemistry and Cytochemistry</i> , 2002 , 50, 21-31	3.4	56
26	Leptin in the human stomach. <i>Gut</i> , 2001 , 49, 155	19.2	49

25	Direct effects of iodothyronines on excess fat storage in rat hepatocytes. <i>Journal of Hepatology</i> , 2011 , 54, 1230-6	13.4	48
24	In vivo leptin expression in cartilage and bone cells of growing rats and adult humans. <i>Journal of Anatomy</i> , 2004 , 205, 291-6	2.9	47
23	Intralobular ducts of human major salivary glands contain leptin and its receptor. <i>Journal of Anatomy</i> , 2002 , 201, 363-70	2.9	41
22	3,5-Diiodo-L-thyronine modulates the expression of genes of lipid metabolism in a rat model of fatty liver. <i>Journal of Endocrinology</i> , 2012 , 212, 149-58	4.7	38
21	3,5-Diiodo-L-thyronine activates brown adipose tissue thermogenesis in hypothyroid rats. <i>PLoS ONE</i> , 2015 , 10, e0116498	3.7	32
20	Effects of 3,5-diiodo-L-thyronine administration on the liver of high fat diet-fed rats. <i>Experimental Biology and Medicine</i> , 2008 , 233, 549-57	3.7	30
19	Responses of skeletal muscle lipid metabolism in rat gastrocnemius to hypothyroidism and iodothyronine administration: a putative role for FAT/CD36. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012 , 303, E1222-33	6	25
18	Changes in the number of primary sensory neurons in normal and vitamin-E-deficient rats during aging. <i>Somatosensory & Motor Research</i> , 1995 , 12, 317-27	1.2	24
17	Triglyceride Mobilization from Lipid Droplets Sustains the Anti-Steatotic Action of Iodothyronines in Cultured Rat Hepatocytes. <i>Frontiers in Physiology</i> , 2015 , 6, 418	4.6	23
16	Oleoyl-estrone does not have direct estrogenic effects on rats. <i>Life Sciences</i> , 2001 , 69, 749-61	6.8	19
15	Corticosteroid-binding globulin synthesis and distribution in rat white adipose tissue. <i>Molecular and Cellular Biochemistry</i> , 2001 , 228, 25-31	4.2	15
14	Mercury-Pollution Induction of Intracellular Lipid Accumulation and Lysosomal Compartment Amplification in the Benthic Foraminifer <i>Ammonia parkinsoniana</i> . <i>PLoS ONE</i> , 2016 , 11, e0162401	3.7	13
13	3,5 Diiodo-L-Thyronine (T ₃) Promotes the Browning of White Adipose Tissue in High-Fat Diet-Induced Overweight Male Rats Housed at Thermoneutrality. <i>Cells</i> , 2019 , 8,	7.9	10
12	Effects of binge ethanol on lipid homeostasis and oxidative stress in a rat model of nonalcoholic fatty liver disease. <i>Journal of Physiology and Biochemistry</i> , 2014 , 70, 341-53	5	9
11	Increased number of sciatic sensory neurons in vitamin-E-deficient rats. <i>Somatosensory & Motor Research</i> , 1994 , 11, 269-78	1.2	9
10	3,5-Diiodo-L-Thyronine Exerts Metabolically Favorable Effects on Visceral Adipose Tissue of Rats Receiving a High-Fat Diet. <i>Nutrients</i> , 2019 , 11,	6.7	8
9	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. <i>Frontiers in Physiology</i> , 2018 , 9, 194	4.6	8
8	Absence of Uncoupling Protein-3 at Thermoneutrality Impacts Lipid Handling and Energy Homeostasis in Mice. <i>Cells</i> , 2019 , 8,	7.9	6

7	The expression analysis of mouse interleukin-6 splice variants argued against their biological relevance. <i>BMB Reports</i> , 2012 , 45, 32-7	5.5	4
6	Absence of uncoupling protein 3 at thermoneutrality influences brown adipose tissue mitochondrial functionality in mice. <i>FASEB Journal</i> , 2020 , 34, 15146-15163	0.9	4
5	Morphological adaptation and protein modulation of myotendinous junction following moderate aerobic training. <i>Histology and Histopathology</i> , 2015 , 30, 465-72	1.4	4
4	3,5-Diiodo-L-Thyronine (T2) Administration Affects Visceral Adipose Tissue Inflammatory State in Rats Receiving Long-Lasting High-Fat Diet. <i>Frontiers in Endocrinology</i> , 2021 , 12, 703170	5.7	2
3	Temporal correlation of morphological and biochemical changes with the recruitment of different mechanisms of reactive oxygen species formation during human SW872 cell adipogenic differentiation. <i>BioFactors</i> , 2021 , 47, 837-851	6.1	1
2	Vitamin E affects quantitative age changes in lumbar motoneurons and in their peripheral projections. <i>Mechanisms of Ageing and Development</i> , 1997 , 99, 137-52	5.6	
1	Ablation of uncoupling protein 3 affects interrelated factors leading to lipolysis and insulin resistance in visceral white adipose tissue.. <i>FASEB Journal</i> , 2022 , 36, e22325	0.9	