

Andreu Palou

List of Publications by Citations

Source: <https://exaly.com/author-pdf/2535971/andreu-palou-publications-by-citations.pdf>

Version: 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

384
papers

10,831
citations

55
h-index

82
g-index

398
ext. papers

12,172
ext. citations

5
avg, IF

6.34
L-index

#	Paper	IF	Citations
384	A global perspective on carotenoids: Metabolism, biotechnology, and benefits for nutrition and health. <i>Progress in Lipid Research</i> , 2018 , 70, 62-93	14.3	363
383	Beta-carotene is an important vitamin A source for humans. <i>Journal of Nutrition</i> , 2010 , 140, 2268S-2285S	4.1	295
382	A physiological role of breast milk leptin in body weight control in developing infants. <i>Obesity</i> , 2006 , 14, 1371-7	8	192
381	Pharmacological and nutritional agents promoting browning of white adipose tissue. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2013 , 1831, 969-85	5	189
380	Remodeling of white adipose tissue after retinoic acid administration in mice. <i>Endocrinology</i> , 2006 , 147, 5325-32	4.8	185
379	Chromatographic determination of carotenoids in foods. <i>Journal of Chromatography A</i> , 2000 , 881, 543-55	4.5	165
378	Vitamin A and the regulation of fat reserves. <i>Cellular and Molecular Life Sciences</i> , 2003 , 60, 1311-21	10.3	142
377	The intake of physiological doses of leptin during lactation in rats prevents obesity in later life. <i>International Journal of Obesity</i> , 2007 , 31, 1199-209	5.5	136
376	Lipid metabolism in mammalian tissues and its control by retinoic acid. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2012 , 1821, 177-89	5	131
375	Carotenoids and their conversion products in the control of adipocyte function, adiposity and obesity. <i>Archives of Biochemistry and Biophysics</i> , 2015 , 572, 112-125	4.1	122
374	Secretory granules of endocrine and chief cells of human stomach mucosa contain leptin. <i>International Journal of Obesity</i> , 2000 , 24, 789-93	5.5	120
373	Beta-carotene reduces body adiposity of mice via BCMO1. <i>PLoS ONE</i> , 2011 , 6, e20644	3.7	111
372	Cytochrome oxidase activity and mitochondrial gene expression in skeletal muscle of patients with chronic obstructive pulmonary disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1998 , 157, 1413-7	10.2	110
371	Changes of adiposity in response to vitamin A status correlate with changes of PPAR gamma 2 expression. <i>Obesity</i> , 2001 , 9, 500-9		109
370	In vitro and in vivo induction of brown adipocyte uncoupling protein (thermogenin) by retinoic acid. <i>Biochemical Journal</i> , 1996 , 317 (Pt 3), 827-33	3.8	109
369	Understanding and preventing childhood obesity and related disorders--IDEFICS: a European multilevel epidemiological approach. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2006 , 16, 302-8	4.5	106
368	Modulation of resistin expression by retinoic acid and vitamin A status. <i>Diabetes</i> , 2004 , 53, 882-9	0.9	106

367	The uncoupling protein, thermogenin. <i>International Journal of Biochemistry and Cell Biology</i> , 1998 , 30, 7-11	5.6	103
366	Leptin orally supplied to neonate rats is directly uptaken by the immature stomach and may regulate short-term feeding. <i>Endocrinology</i> , 2005 , 146, 2575-82	4.8	102
365	Oral supplementation with physiological doses of leptin during lactation in rats improves insulin sensitivity and affects food preferences later in life. <i>Endocrinology</i> , 2008 , 149, 733-40	4.8	100
364	Induction and degradation of the uncoupling protein thermogenin in brown adipocytes in vitro and in vivo. Evidence for a rapidly degradable pool. <i>Biochemical Journal</i> , 1992 , 284 (Pt 2), 393-8	3.8	100
363	The activity of cytochrome oxidase is increased in circulating lymphocytes of patients with chronic obstructive pulmonary disease, asthma, and chronic arthritis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2000 , 161, 32-5	10.2	98
362	Opposite effects of feeding a vitamin A-deficient diet and retinoic acid treatment on brown adipose tissue uncoupling protein 1 (UCP1), UCP2 and leptin expression. <i>Journal of Endocrinology</i> , 2000 , 166, 511-7	4.7	91
361	Olive oil feeding up-regulates uncoupling protein genes in rat brown adipose tissue and skeletal muscle. <i>American Journal of Clinical Nutrition</i> , 2002 , 75, 213-20	7	86
360	Biomarkers of Nutrition and Health: New Tools for New Approaches. <i>Nutrients</i> , 2019 , 11,	6.7	85
359	Expression of adipose microRNAs is sensitive to dietary conjugated linoleic acid treatment in mice. <i>PLoS ONE</i> , 2010 , 5, e13005	3.7	83
358	Direct effects of testosterone, 17 beta-estradiol, and progesterone on adrenergic regulation in cultured brown adipocytes: potential mechanism for gender-dependent thermogenesis. <i>Endocrinology</i> , 2003 , 144, 4923-30	4.8	82
357	Sex-differential expression of metabolism-related genes in response to a high-fat diet. <i>Obesity</i> , 2008 , 16, 819-26	8	80
356	Sequential changes in the expression of genes involved in lipid metabolism in adipose tissue and liver in response to fasting. <i>Pflugers Archiv European Journal of Physiology</i> , 2008 , 456, 825-36	4.6	75
355	Resveratrol enhances fatty acid oxidation capacity and reduces resistin and Retinol-Binding Protein 4 expression in white adipocytes. <i>Journal of Nutritional Biochemistry</i> , 2011 , 22, 828-34	6.3	74
354	Retinoic acid treatment enhances lipid oxidation and inhibits lipid biosynthesis capacities in the liver of mice. <i>Cellular Physiology and Biochemistry</i> , 2010 , 25, 657-66	3.9	74
353	Response to carbohydrate and fat refeeding in the expression of genes involved in nutrient partitioning and metabolism: striking effects on fibroblast growth factor-21 induction. <i>Endocrinology</i> , 2009 , 150, 5341-50	4.8	74
352	The inhibition of gastric ghrelin production by food intake in rats is dependent on the type of macronutrient. <i>Endocrinology</i> , 2004 , 145, 5049-55	4.8	74
351	Opposite actions of testosterone and progesterone on UCP1 mRNA expression in cultured brown adipocytes. <i>Cellular and Molecular Life Sciences</i> , 2002 , 59, 1714-23	10.3	73
350	Moderate caloric restriction during gestation results in lower arcuate nucleus NPY- and alphaMSH-neurons and impairs hypothalamic response to fed/fasting conditions in weaned rats. <i>Diabetes, Obesity and Metabolism</i> , 2010 , 12, 403-13	6.7	72

349	Leptin intake during lactation prevents obesity and affects food intake and food preferences in later life. <i>Appetite</i> , 2009 , 52, 249-52	4.5	72
348	Current State of Evidence: Influence of Nutritional and Nutrigenetic Factors on Immunity in the COVID-19 Pandemic Framework. <i>Nutrients</i> , 2020 , 12,	6.7	69
347	Obesity: molecular bases of a multifactorial problem. <i>European Journal of Nutrition</i> , 2000 , 39, 127-44	5.2	68
346	Induction of NPY/AgRP orexigenic peptide expression in rat hypothalamus is an early event in fasting: relationship with circulating leptin, insulin and glucose. <i>Cellular Physiology and Biochemistry</i> , 2009 , 23, 115-24	3.9	65
345	Sex-associated differences in cold-induced UCP1 synthesis in rodent brown adipose tissue. <i>Pflugers Archiv European Journal of Physiology</i> , 1998 , 436, 689-95	4.6	65
344	Gastric leptin: a putative role in the short-term regulation of food intake. <i>British Journal of Nutrition</i> , 2003 , 90, 735-41	3.6	65
343	All-trans retinoic acid increases oxidative metabolism in mature adipocytes. <i>Cellular Physiology and Biochemistry</i> , 2007 , 20, 1061-72	3.9	63
342	A method for the simultaneous determination of total carbohydrate and glycerol in biological samples with the anthrone reagent. <i>Journal of Proteomics</i> , 1981 , 4, 227-31		61
341	Peripheral blood mononuclear cells as a model to study the response of energy homeostasis-related genes to acute changes in feeding conditions. <i>OMICS A Journal of Integrative Biology</i> , 2010 , 14, 129-41	3.8	60
340	Diurnal rhythms of leptin and ghrelin in the systemic circulation and in the gastric mucosa are related to food intake in rats. <i>Pflugers Archiv European Journal of Physiology</i> , 2004 , 448, 500-6	4.6	60
339	Metabolic effects of short term food deprivation in the rat. <i>Hormone and Metabolic Research</i> , 1981 , 13, 326-30	3.1	60
338	Perinatal expression of leptin in rat stomach. <i>Developmental Dynamics</i> , 2002 , 223, 148-54	2.9	58
337	The intake of high-fat diets induces the acquisition of brown adipocyte gene expression features in white adipose tissue. <i>International Journal of Obesity</i> , 2015 , 39, 1619-29	5.5	57
336	Moderate caloric restriction during gestation in rats alters adipose tissue sympathetic innervation and later adiposity in offspring. <i>PLoS ONE</i> , 2011 , 6, e17313	3.7	57
335	Protective effects of leptin during the suckling period against later obesity may be associated with changes in promoter methylation of the hypothalamic pro-opiomelanocortin gene. <i>British Journal of Nutrition</i> , 2011 , 106, 769-78	3.6	57
334	Metabolic programming of obesity by energy restriction during the perinatal period: different outcomes depending on gender and period, type and severity of restriction. <i>Frontiers in Physiology</i> , 2012 , 3, 436	4.6	57
333	Retinoic acid treatment increases lipid oxidation capacity in skeletal muscle of mice. <i>Obesity</i> , 2008 , 16, 585-91	8	57
332	Evidence for masking of brown adipose tissue mitochondrial GDP-binding sites in response to fasting in rats made obese by dietary manipulation. Effects of reversion to standard diet. <i>Biochemical Journal</i> , 1991 , 279 (Pt 2), 575-9	3.8	57

331	Maternal dietary fat affects milk fatty acid profile and impacts on weight gain and thermogenic capacity of suckling rats. <i>Lipids</i> , 2013 , 48, 481-95	1.6	55
330	Brown adipose tissue response to cafeteria diet-feeding involves induction of the UCP2 gene and is impaired in female rats as compared to males. <i>Pflugers Archiv European Journal of Physiology</i> , 1999 , 438, 628-634	4.6	55
329	Calcium supplementation modulates gut microbiota in a prebiotic manner in dietary obese mice. <i>Molecular Nutrition and Food Research</i> , 2016 , 60, 468-80	5.9	54
328	All-trans retinoic acid induces oxidative phosphorylation and mitochondria biogenesis in adipocytes. <i>Journal of Lipid Research</i> , 2015 , 56, 1100-9	6.3	54
327	Up-regulation of muscle uncoupling protein 3 gene expression in mice following high fat diet, dietary vitamin A supplementation and acute retinoic acid-treatment. <i>International Journal of Obesity</i> , 2003 , 27, 60-9	5.5	54
326	Gene expression patterns in visceral and subcutaneous adipose depots in rats are linked to their morphologic features. <i>Cellular Physiology and Biochemistry</i> , 2009 , 24, 547-56	3.9	53
325	Adiponectin and resistin response in the onset of obesity in male and female rats. <i>Obesity</i> , 2008 , 16, 723-80	8.0	52
324	A combination of resveratrol and quercetin induces browning in white adipose tissue of rats fed an obesogenic diet. <i>Obesity</i> , 2017 , 25, 111-121	8	51
323	Leptin production by the stomach is up-regulated in obese (fa/fa) Zucker rats. <i>Obesity</i> , 2002 , 10, 932-8		51
322	Impaired insulin and leptin sensitivity in the offspring of moderate caloric-restricted dams during gestation is early programmed. <i>Journal of Nutritional Biochemistry</i> , 2012 , 23, 1627-39	6.3	50
321	Sexual dimorphism in the lasting effects of moderate caloric restriction during gestation on energy homeostasis in rats is related with fetal programming of insulin and leptin resistance. <i>Nutrition and Metabolism</i> , 2010 , 7, 69	4.6	50
320	Effects of retinoic acid administration and dietary vitamin A supplementation on leptin expression in mice: lack of correlation with changes of adipose tissue mass and food intake. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2005 , 1740, 258-65	6.9	50
319	Breast and lung cancer are associated with a decrease in blood cell amino acid content. <i>Journal of Nutritional Biochemistry</i> , 2003 , 14, 133-8	6.3	50
318	Induction of uncoupling protein-1 in mouse embryonic fibroblast-derived adipocytes by retinoic acid. <i>Obesity</i> , 2010 , 18, 655-62	8	49
317	Carboxypeptidase E and thrombospondin-1 are differently expressed in subcutaneous and visceral fat of obese subjects. <i>Cellular and Molecular Life Sciences</i> , 2002 , 59, 1960-71	10.3	49
316	Leptin in the human stomach. <i>Gut</i> , 2001 , 49, 155	19.2	49
315	Sexual dimorphism in the adrenergic control of rat brown adipose tissue response to overfeeding. <i>Pflugers Archiv European Journal of Physiology</i> , 2001 , 442, 396-403	4.6	48
314	Regional differences in the expression of genes involved in lipid metabolism in adipose tissue in response to short- and medium-term fasting and refeeding. <i>Journal of Nutritional Biochemistry</i> , 2010 , 21, 23-33	6.3	47

313	All-trans retinoic acid decreases murine adipose retinol binding protein 4 production. <i>Cellular Physiology and Biochemistry</i> , 2008 , 22, 363-72	3.9	46
312	Stimulation of uncoupling protein 1 expression in brown adipocytes by naturally occurring carotenoids. <i>International Journal of Obesity</i> , 1999 , 23, 650-5	5.5	46
311	Conjugated Linoleic Acid Supplementation under a High-Fat Diet Modulates Stomach Protein Expression and Intestinal Microbiota in Adult Mice. <i>PLoS ONE</i> , 2015 , 10, e0125091	3.7	46
310	Peripheral blood mononuclear cells: a potential source of homeostatic imbalance markers associated with obesity development. <i>Pflugers Archiv European Journal of Physiology</i> , 2013 , 465, 459-68	4.6	45
309	Beta-carotene affects oxidative stress-related DNA damage in lung epithelial cells and in ferret lung. <i>Carcinogenesis</i> , 2009 , 30, 2070-6	4.6	45
308	Plasma amino acid concentrations in pregnant rats and in 21-day foetuses. <i>Biochemical Journal</i> , 1977 , 166, 49-55	3.8	44
307	Sex-dependent dietary obesity, induction of UCPs, and leptin expression in rat adipose tissues. <i>Obesity</i> , 2001 , 9, 579-88		43
306	Moderate caloric restriction in lactating rats protects offspring against obesity and insulin resistance in later life. <i>Endocrinology</i> , 2010 , 151, 1030-41	4.8	42
305	Rats receiving the slimming agent oleoyl-estrone in liposomes (Merlin-2) decrease food intake but maintain thermogenesis. <i>Archives of Physiology and Biochemistry</i> , 1997 , 105, 663-72	2.2	42
304	Dietary calcium attenuation of body fat gain during high-fat feeding in mice. <i>Journal of Nutritional Biochemistry</i> , 2008 , 19, 109-17	6.3	42
303	The glutamine 27 glutamic acid polymorphism of the beta2-adrenoceptor gene is associated with abdominal obesity and greater risk of impaired glucose tolerance in men but not in women: a population-based study in Spain. <i>Clinical Endocrinology</i> , 2003 , 59, 476-81	3.4	42
302	Induction of carnitine palmitoyl transferase 1 and fatty acid oxidation by retinoic acid in HepG2 cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2012 , 44, 2019-27	5.6	41
301	Involvement of the retinoblastoma protein in brown and white adipocyte cell differentiation: functional and physical association with the adipogenic transcription factor C/EBPalpha. <i>European Journal of Cell Biology</i> , 1998 , 77, 117-23	6.1	41
300	Ontogenesis of leptin expression in different adipose tissue depots in the rat. <i>Pflugers Archiv European Journal of Physiology</i> , 2001 , 442, 383-90	4.6	41
299	A nutritional perspective on UCP1-dependent thermogenesis. <i>Biochimie</i> , 2017 , 134, 99-117	4.6	40
298	Association of sets of alleles of genes encoding beta3-adrenoreceptor, uncoupling protein 1 and lipoprotein lipase with increased risk of metabolic complications in obesity. <i>International Journal of Obesity</i> , 2000 , 24, 93-100	5.5	40
297	Stabilization of the mRNA for the uncoupling protein thermogenin by transcriptional/translational blockade and by noradrenaline in brown adipocytes differentiated in culture: a degradation factor induced by cessation of stimulation?. <i>Biochemical Journal</i> , 1994 , 302 (Pt 1), 81-6	3.8	40
296	Glutamine synthetase activity in the organs of fed and 24-hours fasted rats. <i>Hormone and Metabolic Research</i> , 1981 , 13, 199-202	3.1	40

295	Vitamin E Metabolic Effects and Genetic Variants: A Challenge for Precision Nutrition in Obesity and Associated Disturbances. <i>Nutrients</i> , 2018 , 10,	6.7	39
294	Nutrigenomic approaches for benefit-risk analysis of foods and food components: defining markers of health. <i>British Journal of Nutrition</i> , 2007 , 98, 1095-100	3.6	38
293	Screening of potential anti-adipogenic effects of phenolic compounds showing different chemical structure in 3T3-L1 preadipocytes. <i>Food and Function</i> , 2017 , 8, 3576-3586	6.1	37
292	Slc27a2 expression in peripheral blood mononuclear cells as a molecular marker for overweight development. <i>International Journal of Obesity</i> , 2010 , 34, 831-9	5.5	37
291	Blood cells as a source of transcriptional biomarkers of childhood obesity and its related metabolic alterations: results of the IDEFICS study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012 , 97, E648-52	5.6	37
290	Leptin intake during the suckling period improves the metabolic response of adipose tissue to a high-fat diet. <i>International Journal of Obesity</i> , 2010 , 34, 809-19	5.5	36
289	Haploinsufficiency of the retinoblastoma protein gene reduces diet-induced obesity, insulin resistance, and hepatosteatosis in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009 , 297, E184-93	6	36
288	Carotenoids in Adipose Tissue Biology and Obesity. <i>Sub-Cellular Biochemistry</i> , 2016 , 79, 377-414	5.5	36
287	Distinct effects of oleic acid and its trans-isomer elaidic acid on the expression of myokines and adipokines in cell models. <i>British Journal of Nutrition</i> , 2011 , 105, 1226-34	3.6	35
286	PPAR-gamma2 expression in response to cafeteria diet: gender- and depot-specific effects. <i>Obesity</i> , 2004 , 12, 1455-63		35
285	Skeletal muscle changes in patients with obstructive sleep apnoea syndrome. <i>Respiratory Medicine</i> , 2003 , 97, 804-10	4.6	35
284	Changes induced by fasting and dietetic obesity in thermogenic parameters of rat brown adipose tissue mitochondrial subpopulations. <i>Biochemical Journal</i> , 1996 , 319 (Pt 2), 529-34	3.8	35
283	Feeding conditions control the expression of genes involved in sterol metabolism in peripheral blood mononuclear cells of normoweight and diet-induced (cafeteria) obese rats. <i>Journal of Nutritional Biochemistry</i> , 2010 , 21, 1127-33	6.3	34
282	Semi-quantification of carotenoids by high-performance liquid chromatography: saponification-induced losses in fatty foods. <i>Journal of Chromatography A</i> , 1998 , 829, 393-399	4.5	33
281	Uncoupling proteins: gender dependence and their relation to body weight control. <i>International Journal of Obesity</i> , 2004 , 28, 500-2	5.5	33
280	Effect of selective beta-adrenoceptor stimulation on UCP synthesis in primary cultures of brown adipocytes. <i>Molecular and Cellular Endocrinology</i> , 1996 , 117, 7-16	4.4	33
279	Leptin as a breast milk component for the prevention of obesity. <i>Nutrition Reviews</i> , 2018 , 76, 875-892	6.4	33
278	Moderate doses of conjugated linoleic acid isomers mix contribute to lowering body fat content maintaining insulin sensitivity and a noninflammatory pattern in adipose tissue in mice. <i>Journal of Nutritional Biochemistry</i> , 2010 , 21, 107-15	6.3	32

277	Retinol-binding protein 4 and nicotinamide phosphoribosyltransferase/visfatin in rat obesity models. <i>Hormone and Metabolic Research</i> , 2008 , 40, 467-72	3.1	32
276	Gender effects on adrenergic receptor expression and lipolysis in white adipose tissue of rats. <i>Obesity</i> , 2002 , 10, 296-305		32
275	Regulation of Adaptive Thermogenesis and Browning by Prebiotics and Postbiotics. <i>Frontiers in Physiology</i> , 2018 , 9, 1908	4.6	32
274	Body weight and tissue composition in rats made obese by a cafeteria diet. Effect of 24 hours starvation. <i>Hormone and Metabolic Research</i> , 1988 , 20, 208-12	3.1	31
273	Moderate caloric restriction in lactating rats programs their offspring for a better response to HF diet feeding in a sex-dependent manner. <i>Journal of Nutritional Biochemistry</i> , 2011 , 22, 574-84	6.3	30
272	Energy restriction with high-fat diet enriched with coconut oil gives higher UCP1 and lower white fat in rats. <i>International Journal of Obesity</i> , 1998 , 22, 974-9	5.5	30
271	Resistin as a putative modulator of insulin action in the daily feeding/fasting rhythm. <i>Pflugers Archiv European Journal of Physiology</i> , 2006 , 452, 260-7	4.6	30
270	Effects of 24 hour starvation on plasma composition in 19 and 21 day pregnant rats and their foetuses. <i>Hormone and Metabolic Research</i> , 1982 , 14, 364-71	3.1	30
269	Perinatal programming of body weight control by leptin: putative roles of AMP kinase and muscle thermogenesis. <i>American Journal of Clinical Nutrition</i> , 2011 , 94, 1830S-1837S	7	29
268	Products of lipid peroxidation induce missorting of the principal lysosomal protease in retinal pigment epithelium. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2004 , 1689, 33-41	6.9	29
267	Retinoic Acid Increases Fatty Acid Oxidation and Irisin Expression in Skeletal Muscle Cells and Impacts Irisin In Vivo. <i>Cellular Physiology and Biochemistry</i> , 2018 , 46, 187-202	3.9	28
266	Decreased RB1 mRNA, protein, and activity reflect obesity-induced altered adipogenic capacity in human adipose tissue. <i>Diabetes</i> , 2013 , 62, 1923-31	0.9	28
265	Sex-associated differences in the leptin and ghrelin systems related with the induction of hyperphagia under high-fat diet exposure in rats. <i>Hormones and Behavior</i> , 2009 , 55, 33-40	3.7	28
264	Comparative estimation of hematocrit and trapped plasma in the packed cell volume in man, rabbit and chicken blood. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1981 , 70, 611-613		28
263	Oral leptin treatment in suckling rats ameliorates detrimental effects in hypothalamic structure and function caused by maternal caloric restriction during gestation. <i>PLoS ONE</i> , 2013 , 8, e81906	3.7	28
262	Sexual Dimorphism in the Age-Induced Insulin Resistance, Liver Steatosis, and Adipose Tissue Function in Rats. <i>Frontiers in Physiology</i> , 2017 , 8, 445	4.6	27
261	Protein and amino acid intake in cafeteria fed obese rats. <i>Physiology and Behavior</i> , 1995 , 58, 513-9	3.5	27
260	Identification of Mest/Peg1 gene expression as a predictive biomarker of adipose tissue expansion sensitive to dietary anti-obesity interventions. <i>Genes and Nutrition</i> , 2015 , 10, 27	4.3	26

259	BIOCLAIMS standard diet (BIOsd): a reference diet for nutritional physiology. <i>Genes and Nutrition</i> , 2012 , 7, 399-404	4.3	26
258	Regulation of adiponutrin expression by feeding conditions in rats is altered in the obese state. <i>Obesity</i> , 2007 , 15, 591-9	8	26
257	Activities of enzymes involved in amino-acid metabolism in developing rat placenta. <i>FEBS Journal</i> , 1980 , 110, 289-93		26
256	Peripheral blood mononuclear cells as a source to detect markers of homeostatic alterations caused by the intake of diets with an unbalanced macronutrient composition. <i>Journal of Nutritional Biochemistry</i> , 2015 , 26, 398-407	6.3	25
255	Vitamin A supplementation in early life affects later response to an obesogenic diet in rats. <i>International Journal of Obesity</i> , 2013 , 37, 1169-76	5.5	25
254	Effect of high-fat diet feeding on leptin receptor expression in white adipose tissue in rats: depot- and sex-related differential response. <i>Genes and Nutrition</i> , 2009 , 4, 151-6	4.3	25
253	Dietary intake of eicosapentaenoic acid (EPA) and docosahexaenoic acid (DHA) in children - a workshop report. <i>British Journal of Nutrition</i> , 2010 , 103, 923-8	3.6	25
252	Retinoic acid modulates retinoid X receptor alpha and retinoic acid receptor alpha levels of cultured brown adipocytes. <i>FEBS Letters</i> , 1997 , 406, 196-200	3.8	25
251	General aspects on the assessment of functional foods in the European Union. <i>European Journal of Clinical Nutrition</i> , 2003 , 57 Suppl 1, S12-7	5.2	25
250	Oral leptin supplementation throughout lactation in rats prevents later metabolic alterations caused by gestational calorie restriction. <i>International Journal of Obesity</i> , 2017 , 41, 360-371	5.5	24
249	Identification of early transcriptome-based biomarkers related to lipid metabolism in peripheral blood mononuclear cells of rats nutritionally programmed for improved metabolic health. <i>Genes and Nutrition</i> , 2014 , 9, 366	4.3	24
248	Nutrient-gene interactions in benefit-risk analysis. <i>British Journal of Nutrition</i> , 2006 , 95, 1232-6	3.6	24
247	Effects of fasting on lipoprotein lipase activity in different depots of white and brown adipose tissues in diet-induced overweight rats. <i>Journal of Nutritional Biochemistry</i> , 1999 , 10, 609-14	6.3	24
246	Cold exposure induces different uncoupling-protein thermogenesis masking/unmasking processes in brown adipose tissue depending on mitochondrial subtypes. <i>Biochemical Journal</i> , 1994 , 300 (Pt 2), 463-8	3.8	24
245	Moderate calorie restriction during gestation programs offspring for lower BAT thermogenic capacity driven by thyroid and sympathetic signaling. <i>International Journal of Obesity</i> , 2015 , 39, 339-45	5.5	23
244	UCP1 and oxidative capacity of adipose tissue in adult ferrets (<i>Mustela putorius furo</i>). <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2009 , 153, 106-12	2.6	23
243	Trans-10, cis-12-conjugated linoleic acid reduces the hepatic triacylglycerol content and the leptin mRNA level in adipose tissue in obese Zucker fa/fa rats. <i>British Journal of Nutrition</i> , 2009 , 102, 803-15	3.6	23
242	Resistin expression in different adipose tissue depots during rat development. <i>Molecular and Cellular Biochemistry</i> , 2003 , 252, 397-400	4.2	23

241	Effect of stress and sampling site on metabolite concentration in rat plasma. <i>Archives Internationales De Physiologie Et De Biochimie</i> , 1980 , 88, 99-105		23
240	Pectin supplementation in rats mitigates age-related impairment in insulin and leptin sensitivity independently of reducing food intake. <i>Molecular Nutrition and Food Research</i> , 2015 , 59, 2022-33	5.9	22
239	Milk Leptin Surge and Biological Rhythms of Leptin and Other Regulatory Proteins in Breastmilk. <i>PLoS ONE</i> , 2015 , 10, e0145376	3.7	22
238	Moderate doses of conjugated linoleic acid reduce fat gain, maintain insulin sensitivity without impairing inflammatory adipose tissue status in mice fed a high-fat diet. <i>Nutrition and Metabolism</i> , 2010 , 7, 5	4.6	22
237	Positive correlation of skeletal muscle UCP3 mRNA levels with overweight in male, but not in female, rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2003 , 285, R880-8	3.2	22
236	Trans-10, cis-12, but not cis-9, trans-11 CLA isomer, inhibits brown adipocyte thermogenic capacity. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2002 , 282, R1789-97	3.2	22
235	Effects of cafeteria diet feeding on beta3-adrenoceptor expression and lipolytic activity in white adipose tissue of male and female rats. <i>International Journal of Obesity</i> , 2000 , 24, 1396-404	5.5	22
234	Hesperidin and capsaicin, but not the combination, prevent hepatic steatosis and other metabolic syndrome-related alterations in western diet-fed rats. <i>Scientific Reports</i> , 2018 , 8, 15100	4.9	22
233	Maternal consumption of a cafeteria diet during lactation in rats leads the offspring to a thin-outside-fat-inside phenotype. <i>International Journal of Obesity</i> , 2017 , 41, 1279-1287	5.5	21
232	A Lipophilic Fucoxanthin-Rich Extract Ameliorates Effects of Diet-Induced Obesity in C57BL/6J Mice. <i>Nutrients</i> , 2019 , 11,	6.7	21
231	Cafeteria diet overfeeding in young male rats impairs the adaptive response to fed/fasted conditions and increases adiposity independent of body weight. <i>International Journal of Obesity</i> , 2015 , 39, 430-7	5.5	21
230	Breast Milk Supply of MicroRNA Associated with Leptin and Adiponectin Is Affected by Maternal Overweight/Obesity and Influences Infancy BMI. <i>Nutrients</i> , 2019 , 11,	6.7	21
229	Adipose triglyceride lipase expression and fasting regulation are differently affected by cold exposure in adipose tissues of lean and obese Zucker rats. <i>Journal of Nutritional Biochemistry</i> , 2012 , 23, 1041-50	6.3	21
228	Long-term intake of a high-protein diet increases liver triacylglycerol deposition pathways and hepatic signs of injury in rats. <i>Journal of Nutritional Biochemistry</i> , 2017 , 46, 39-48	6.3	20
227	Cognitive impairment in metabolically-obese, normal-weight rats: identification of early biomarkers in peripheral blood mononuclear cells. <i>Molecular Neurodegeneration</i> , 2018 , 13, 14	19	20
226	Dietary l-leucine supplementation of lactating rats results in a tendency to increase lean/fat ratio associated to lower orexigenic neuropeptide expression in hypothalamus. <i>Peptides</i> , 2010 , 31, 1361-7	3.8	20
225	Free Amino Acids as Indices of Mahā Cheese Ripening. <i>Journal of Dairy Science</i> , 1997 , 80, 1908-1917	4	20
224	Effects of trans-10, cis-12 conjugated linoleic acid on the expression of uncoupling proteins in hamsters fed an atherogenic diet. <i>British Journal of Nutrition</i> , 2007 , 97, 1074-82	3.6	20

223	Determination of plasma amino acids in small samples with the use of Dansyl-chloride. <i>Biochimie</i> , 1976 , 58, 1221-6	4.6	20
222	Leptin intake in suckling rats restores altered T3 levels and markers of adipose tissue sympathetic drive and function caused by gestational calorie restriction. <i>International Journal of Obesity</i> , 2015 , 39, 959-66	5.5	19
221	Carotenoids and carotenoid conversion products in adipose tissue biology and obesity: Pre-clinical and human studies. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2020 , 1865, 158676	5.5	19
220	Programming of the Beige Phenotype in White Adipose Tissue of Adult Mice by Mild Resveratrol and Nicotinamide Riboside Supplementations in Early Postnatal Life. <i>Molecular Nutrition and Food Research</i> , 2018 , 62, e1800463	5.9	19
219	Peripheral blood mononuclear cells as a potential source of biomarkers to test the efficacy of weight-loss strategies. <i>Obesity</i> , 2015 , 23, 28-31	8	19
218	Free fatty acid effects on myokine production in combination with exercise mimetics. <i>Molecular Nutrition and Food Research</i> , 2013 , 57, 1456-67	5.9	19
217	Impairment of nutritional regulation of adipose triglyceride lipase expression with age. <i>International Journal of Obesity</i> , 2008 , 32, 1193-200	5.5	19
216	Adiponectin is involved in the protective effect of DHEA against metabolic risk in aged rats. <i>Steroids</i> , 2008 , 73, 1128-36	2.8	19
215	Effects of 6-month daily supplementation with oral beta-carotene in combination or not with benzo[a]pyrene on cell-cycle markers in the lung of ferrets. <i>Journal of Nutritional Biochemistry</i> , 2008 , 19, 295-304	6.3	19
214	Dehydroepiandrosterone prevents age-associated alterations, increasing insulin sensitivity. <i>Journal of Nutritional Biochemistry</i> , 2008 , 19, 809-18	6.3	19
213	Morphology of ferret subcutaneous adipose tissue after 6-month daily supplementation with oral beta-carotene. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2005 , 1740, 305-12	6.9	19
212	Blood cell transcriptomic-based early biomarkers of adverse programming effects of gestational calorie restriction and their reversibility by leptin supplementation. <i>Scientific Reports</i> , 2015 , 5, 9088	4.9	18
211	Offspring predisposition to obesity due to maternal-diet-induced obesity in rats is preventable by dietary normalization before mating. <i>Molecular Nutrition and Food Research</i> , 2017 , 61, 1600513	5.9	18
210	Diet-induced obesity affects expression of adiponutrin/PNPLA3 and adipose triglyceride lipase, two members of the same family. <i>International Journal of Obesity</i> , 2012 , 36, 225-32	5.5	18
209	Stimulation of uncoupling protein synthesis in white adipose tissue of mice treated with the beta 3-adrenergic agonist CGP-12177. <i>Cellular and Molecular Life Sciences</i> , 1998 , 54, 191-5	10.3	18
208	Effect of 12, 24 and 72 hours fasting in thermogenic parameters of rat brown adipose tissue mitochondrial subpopulations. <i>Life Sciences</i> , 1998 , 62, 1889-99	6.8	18
207	Blood leptin homeostasis: sex-associated differences in circulating leptin levels in rats are independent of tissue leptin expression. <i>International Journal of Biochemistry and Cell Biology</i> , 2003 , 35, 104-10	5.6	18
206	The Arg64 allele of the beta 3-adrenoceptor gene but not the -3826G allele of the uncoupling protein 1 gene is associated with increased leptin levels in the Spanish population. <i>Metabolism: Clinical and Experimental</i> , 2004 , 53, 1411-6	12.7	18

205	Changes in glutamine synthesis activity in the different organs of developing rats. <i>Archives Internationales De Physiologie Et De Biochimie</i> , 1981 , 89, 189-94		18
204	Combination of Capsaicin and Hesperidin Reduces the Effectiveness of Each Compound To Decrease the Adipocyte Size and To Induce Browning Features in Adipose Tissue of Western Diet Fed Rats. <i>Journal of Agricultural and Food Chemistry</i> , 2018 , 66, 9679-9689	5.7	18
203	Improved metabolic regulation is associated with retinoblastoma protein gene haploinsufficiency in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015 , 308, E172-83	6	17
202	TAS1R3 and UCN2 Transcript Levels in Blood Cells Are Associated With Sugary and Fatty Food Consumption in Children. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, 3556-64	5.6	17
201	Reversion to a control balanced diet is able to restore body weight and to recover altered metabolic parameters in adult rats long-term fed on a cafeteria diet. <i>Food Research International</i> , 2014 , 64, 839-848	7	17
200	Nutritional potential of metabolic remodelling of white adipose tissue. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2013 , 16, 650-6	3.8	17
199	Time-course effects of increased fatty acid supply on the expression of genes involved in lipid/glucose metabolism in muscle cells. <i>Cellular Physiology and Biochemistry</i> , 2010 , 25, 337-46	3.9	17
198	Summary and general conclusions/outcomes on the role and fate of sugars in human nutrition and health. <i>Obesity Reviews</i> , 2009 , 10 Suppl 1, 55-8	10.6	17
197	2-Methoxyestradiol, an endogenous metabolite of 17beta-estradiol, inhibits adipocyte proliferation. <i>Molecular and Cellular Biochemistry</i> , 1998 , 189, 1-7	4.2	17
196	Retinoic acid administration and vitamin A status modulate retinoid X receptor alpha and retinoic acid receptor alpha levels in mouse brown adipose tissue. <i>Molecular and Cellular Biochemistry</i> , 2004 , 266, 25-30	4.2	17
195	Amino-acid-enzyme activities in brown and white adipose tissues and in the liver of cafeteria rats. Effects of 24 hours starving. <i>Archives Internationales De Physiologie Et De Biochimie</i> , 1987 , 95, 263-8		17
194	Maternal supplementation with an excess of different fat sources during pregnancy and lactation differentially affects feeding behavior in offspring: putative role of the leptin system. <i>Molecular Nutrition and Food Research</i> , 2012 , 56, 1715-28	5.9	16
193	Retinoic acid modulates the retinoblastoma protein during adipocyte terminal differentiation. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2005 , 1740, 249-57	6.9	16
192	Changes in alanine transaminase activity in several organs of the rat induced by a 24-hour fast. <i>Hormone and Metabolic Research</i> , 1980 , 12, 505-8	3.1	16
191	Peripheral Blood Cells, a Transcriptomic Tool in Nutrigenomic and Obesity Studies: Current State of the Art. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2018 , 17, 1006-1020	16.4	15
190	Blood cells transcriptomics as source of potential biomarkers of articular health improvement: effects of oral intake of a rooster combs extract rich in hyaluronic acid. <i>Genes and Nutrition</i> , 2014 , 9, 417-3		15
189	Sustained exposure to diets with an unbalanced macronutrient proportion alters key genes involved in energy homeostasis and obesity-related metabolic parameters in rats. <i>Food and Function</i> , 2014 , 5, 3117-31	6.1	15
188	Molecular players at the intersection of obesity and osteoarthritis. <i>Current Drug Targets</i> , 2011 , 12, 2103-38		15

187	Effects of beta-carotene supplementation on adipose tissue thermogenic capacity in ferrets (<i>Mustela putorius furo</i>). <i>British Journal of Nutrition</i> , 2009 , 102, 1686-94	3.6	15
186	Beta-carotene uptake and metabolism in human lung bronchial epithelial cultured cells depending on delivery vehicle. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2005 , 1740, 132-8	6.9	15
185	Food safety and functional foods in the European Union: obesity as a paradigmatic example for novel food development. <i>Nutrition Reviews</i> , 2004 , 62, S169-81	6.4	15
184	Brown adipose tissue response to cafeteria diet-feeding involves induction of the UCP2 gene and is impaired in female rats as compared to males. <i>Pflugers Archiv European Journal of Physiology</i> , 1999 , 438, 628-34	4.6	15
183	The effects of cafeteria diet induced obesity on rat blood amino acid compartmentation. <i>Archives Internationales De Physiologie Et De Biochimie</i> , 1990 , 98, 155-61		15
182	gene expression in peripheral blood mononuclear cells as an early biomarker of diet-related metabolic alterations. <i>Food and Nutrition Research</i> , 2016 , 60, 33554	3.1	15
181	Dietary vitamin A impacts DNA methylation patterns of adipogenesis-related genes in suckling rats. <i>Archives of Biochemistry and Biophysics</i> , 2018 , 650, 75-84	4.1	15
180	Methylation analysis in fatty-acid-related genes reveals their plasticity associated with conjugated linoleic acid and calcium supplementation in adult mice. <i>European Journal of Nutrition</i> , 2017 , 56, 879-891	5.2	14
179	Gene expression modulation of lipid and central energetic metabolism related genes by high-fat diet intake in the main homeostatic tissues. <i>Food and Function</i> , 2017 , 8, 629-650	6.1	14
178	Leptin rapidly induces the expression of metabolic and myokine genes in C2C12 muscle cells to regulate nutrient partition and oxidation. <i>Cellular Physiology and Biochemistry</i> , 2015 , 35, 92-103	3.9	14
177	β-Carotene during the suckling period is absorbed intact and induces retinoic acid dependent responses similar to preformed vitamin A in intestine and liver, but not adipose tissue of young rats. <i>Molecular Nutrition and Food Research</i> , 2014 , 58, 2157-65	5.9	14
176	Cold exposure down-regulates immune response pathways in ferret aortic perivascular adipose tissue. <i>Thrombosis and Haemostasis</i> , 2017 , 117, 981-991	7	14
175	Perinatal programming of obesity: an introduction to the topic. <i>Frontiers in Physiology</i> , 2013 , 4, 255	4.6	14
174	The different satiating capacity of CHO and fats can be mediated by different effects on leptin and ghrelin systems. <i>Behavioural Brain Research</i> , 2010 , 213, 183-8	3.4	14
173	On the role and fate of sugars in human nutrition and health. Introduction. <i>Obesity Reviews</i> , 2009 , 10 Suppl 1, 1-8	10.6	14
172	Role of leptin present in maternal milk in the control of energy balance during the post-natal period. <i>Genes and Nutrition</i> , 2007 , 2, 139-41	4.3	14
171	Sustained changes in blood alpha amino nitrogen compartmentation during recovery from cafeteria feeding in rats. <i>Archives Internationales De Physiologie, De Biochimie Et De Biophysique</i> , 1991 , 99, 345-8		14
170	Transcriptome analysis in blood cells from children reveals potential early biomarkers of metabolic alterations. <i>International Journal of Obesity</i> , 2017 , 41, 1481-1488	5.5	13

169	Cafeteria Diet Consumption during Lactation in Rats, Rather than Obesity Per Se, alters miR-222, miR-200a, and miR-26a Levels in Milk. <i>Molecular Nutrition and Food Research</i> , 2019 , 63, e1800928	5.9	13
168	Beta-carotene and the application of transcriptomics in risk-benefit evaluation of natural dietary components. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2005 , 1740, 139-46	6.9	13
167	Weight loss reduces expression of SREBP1c/ADD1 and PPARgamma2 in adipose tissue of obese women. <i>Pflugers Archiv European Journal of Physiology</i> , 2001 , 441, 498-505	4.6	13
166	In vivo effects of CGP-12177 on the expression of leptin and uncoupling protein genes in mouse brown and white adipose tissues. <i>International Journal of Obesity</i> , 2000 , 24, 423-8	5.5	13
165	A Genetic Score of Predisposition to Low-Grade Inflammation Associated with Obesity May Contribute to Discern Population at Risk for Metabolic Syndrome. <i>Nutrients</i> , 2019 , 11,	6.7	13
164	DNA Methylation Changes are Associated with the Programming of White Adipose Tissue Browning Features by Resveratrol and Nicotinamide Riboside Neonatal Supplementations in Mice. <i>Nutrients</i> , 2020 , 12,	6.7	12
163	Early alterations in plasma ghrelin levels in offspring of calorie-restricted rats during gestation may be linked to lower sympathetic drive to the stomach. <i>Peptides</i> , 2013 , 39, 59-63	3.8	12
162	Influence of breastfeeding on blood-cell transcript-based biomarkers of health in children. <i>Pediatric Obesity</i> , 2014 , 9, 463-70	4.6	12
161	Adiponectin is associated with serum and adipose tissue fatty acid composition in rats. <i>Journal of Endocrinological Investigation</i> , 2009 , 32, 659-65	5.2	12
160	Nutrient-gene interactions in early life programming: leptin in breast milk prevents obesity later on in life. <i>Advances in Experimental Medicine and Biology</i> , 2009 , 646, 95-104	3.6	12
159	Integration of risk and benefit analysis-the window of benefit as a new tool?. <i>Critical Reviews in Food Science and Nutrition</i> , 2009 , 49, 670-80	11.5	12
158	A significant pool of amino acids is adsorbed on blood cell membranes. <i>Bioscience Reports</i> , 1991 , 11, 223-30	3.0	12
157	Adenylate deaminase activity in the rat. Effect of 24 hours of fasting. <i>Hormone and Metabolic Research</i> , 1981 , 13, 264-6	3.1	12
156	Amino-acid enzyme activities in liver and kidney of developing rats. <i>Archives Internationales De Physiologie Et De Biochimie</i> , 1982 , 90, 163-71		12
155	Leptin Effect on Acetylation and Phosphorylation of Pgc1 α in Muscle Cells Associated With Ampk and Akt Activation in High-Glucose Medium. <i>Journal of Cellular Physiology</i> , 2016 , 231, 641-9	7	12
154	The intake of high-fat diets induces an obesogenic-like gene expression profile in peripheral blood mononuclear cells, which is reverted by dieting. <i>British Journal of Nutrition</i> , 2016 , 115, 1887-95	3.6	12
153	Maternal fat supplementation during late pregnancy and lactation influences the development of hepatic steatosis in offspring depending on the fat source. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 1590-601	5.7	11
152	Human peripheral blood mononuclear cell in vitro system to test the efficacy of food bioactive compounds: Effects of polyunsaturated fatty acids and their relation with BMI. <i>Molecular Nutrition and Food Research</i> , 2017 , 61, 1600353	5.9	11

151	Blood amino acid compartmentation in men and women with different degrees of obesity. <i>Journal of Nutritional Biochemistry</i> , 1998 , 9, 697-704	6.3	11
150	The intake of a high-fat diet triggers higher brown adipose tissue UCP1 levels in male rats but not in females. <i>Genes and Nutrition</i> , 2007 , 2, 125-6	4.3	11
149	Differential expression of genes for uncoupling proteins 1, 2 and 3 in brown and white adipose tissue depots during rat development. <i>Cellular and Molecular Life Sciences</i> , 2001 , 58, 470-6	10.3	11
148	Ontogeny of amino-acid metabolism-enzymes in peripheral tissues of developing rats. <i>Archives Internationales De Physiologie Et De Biochimie</i> , 1983 , 91, 43-50		11
147	Arginase activity during pregnancy and lactation. <i>Hormone and Metabolic Research</i> , 1984 , 16, 468-70	3.1	11
146	Whole Blood RNA as a Source of Transcript-Based Nutrition- and Metabolic Health-Related Biomarkers. <i>PLoS ONE</i> , 2016 , 11, e0155361	3.7	11
145	Regulation of thermogenic capacity in brown and white adipocytes by the prebiotic high-esterified pectin and its postbiotic acetate. <i>International Journal of Obesity</i> , 2020 , 44, 715-726	5.5	11
144	Dietary supplementation of calcium may counteract obesity in mice mediated by changes in plasma fatty acids. <i>Lipids</i> , 2013 , 48, 817-26	1.6	10
143	Synergistic Effects of a Mixture of Glycosaminoglycans to Inhibit Adipogenesis and Enhance Chondrocyte Features in Multipotent Cells. <i>Cellular Physiology and Biochemistry</i> , 2015 , 37, 1792-806	3.9	10
142	Expression of "brown-in-white" adipocyte biomarkers shows gender differences and the influence of early dietary exposure. <i>Genes and Nutrition</i> , 2014 , 9, 372	4.3	10
141	Gender related differences in the effect of aging on blood amino acid compartmentation*. <i>Journal of Nutritional Biochemistry</i> , 2001 , 12, 431-440	6.3	10
140	Selective loss of the uncoupling protein from light versus heavy mitochondria of brown adipocytes after a decrease in noradrenergic stimulation in vivo and in vitro. <i>Biochemical Journal</i> , 1995 , 311 (Pt 1), 327-31	3.8	10
139	Thermogenic actions of tryptophan in the rat are mediated independently of 5-HT. <i>Brain Research</i> , 1992 , 578, 327-34	3.7	10
138	Changes induced in rat plasma composition by lactation. <i>Archives Internationales De Physiologie Et De Biochimie</i> , 1982 , 90, 185-90		10
137	Consumption of a Mango Fruit Powder Protects Mice from High-Fat Induced Insulin Resistance and Hepatic Fat Accumulation. <i>Cellular Physiology and Biochemistry</i> , 2017 , 42, 564-578	3.9	10
136	Iso-caloric high-fat feeding directs hepatic metabolism to handling of nutrient imbalance promoting liver fat deposition. <i>International Journal of Obesity</i> , 2016 , 40, 1250-9	5.5	10
135	High-Esterified Pectin Reverses Metabolic Malprogramming, Improving Sensitivity to Adipostatic/Adipokine Hormones. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 3633-3642	5.7	9
134	Neonatal Resveratrol and Nicotinamide Riboside Supplementations Sex-Dependently Affect Beige Transcriptional Programming of Preadipocytes in Mouse Adipose Tissue. <i>Frontiers in Physiology</i> , 2019 , 10, 83	4.6	9

133	Gene expression of peripheral blood mononuclear cells is affected by cold exposure. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015 , 309, R824-34	3.2	9
132	Retinoblastoma Protein Knockdown Favors Oxidative Metabolism and Glucose and Fatty Acid Disposal in Muscle Cells. <i>Journal of Cellular Physiology</i> , 2016 , 231, 708-18	7	9
131	Transcriptional analysis reveals a high impact of conjugated linoleic acid on stearoyl-Coenzyme A desaturase 1 mRNA expression in mice gastrocnemius muscle. <i>Genes and Nutrition</i> , 2012 , 7, 537-48	4.3	9
130	From nutrigenomics to personalised nutrition. <i>Genes and Nutrition</i> , 2007 , 2, 5-7	4.3	9
129	Dietary fat source regulates ob gene expression in white adipose tissue of rats under hyperphagic feeding. <i>British Journal of Nutrition</i> , 2002 , 87, 427-434	3.6	9
128	Methodological approaches to assess body-weight regulation and aetiology of obesity. <i>Proceedings of the Nutrition Society</i> , 2000 , 59, 405-11	2.9	9
127	Sex differences in the effect of obesity on human plasma tryptophan/large neutral amino acid ratio. <i>Annals of Nutrition and Metabolism</i> , 1999 , 43, 145-51	4.5	9
126	Blood cell to plasma gradients of amino acids in arterial and venous blood in fed and fasted rats. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1994 , 107, 589-95		9
125	Regulation of rat erythrocyte L-glutamine, L-glutamate and L-lysine uptake by short term starvation. <i>International Journal of Biochemistry & Cell Biology</i> , 1992 , 24, 1731-5		9
124	Investigation of GAGS on 24-hour and 2-hour urines from calcium oxalate stone formers and healthy subjects. <i>International Urology and Nephrology</i> , 1989 , 21, 281-8	2.3	9
123	Plasma amino-acid concentrations during development in the rat. <i>Archives Internationales De Physiologie Et De Biochimie</i> , 1980 , 88, 443-52		9
122	Absorption, Distribution, Metabolism, and Excretion of the Main Olive Tree Phenols and Polyphenols: A Literature Review. <i>Journal of Agricultural and Food Chemistry</i> , 2021 , 69, 5281-5296	5.7	9
121	Cell-Autonomous Brown-Like Adipogenesis of Preadipocytes From Retinoblastoma Haploinsufficient Mice. <i>Journal of Cellular Physiology</i> , 2016 , 231, 1941-52	7	9
120	White adipose tissue reference network: a knowledge resource for exploring health-relevant relations. <i>Genes and Nutrition</i> , 2015 , 10, 439	4.3	8
119	Early biomarkers identified in a rat model of a healthier phenotype based on early postnatal dietary intervention may predict the response to an obesogenic environment in adulthood. <i>Journal of Nutritional Biochemistry</i> , 2014 , 25, 208-18	6.3	8
118	Effect of calcium-enriched high-fat diet on calcium, magnesium and zinc retention in mice. <i>British Journal of Nutrition</i> , 2009 , 101, 1463-6	3.6	8
117	Formation of hemoglobin adducts of acrylamide after its ingestion in rats is dependent on age and sex. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 5096-101	5.7	8
116	Uncoupling proteins: gender-dependence and their relation to body weight control. <i>International Journal of Obesity</i> , 2004 , 28, 327-9	5.5	8

115	Activities of amino acid metabolizing enzymes in the stomach and small intestine of developing rats. <i>Reproduction, Nutrition, Development</i> , 1985 , 25, 861-6		8
114	Enhancing hepatic fatty acid oxidation as a strategy for reversing metabolic disorders programmed by maternal undernutrition during gestation. <i>Cellular Physiology and Biochemistry</i> , 2014 , 33, 1498-515	3.9	7
113	Metabolic programming of sirtuin 1 (SIRT1) expression by moderate energy restriction during gestation in rats may be related to obesity susceptibility in later life. <i>British Journal of Nutrition</i> , 2013 , 109, 757-64	3.6	7
112	In vitro adsorption of amino acids onto isolated rat erythrocyte membranes. <i>International Journal of Biochemistry and Cell Biology</i> , 1995 , 27, 761-5	5.6	7
111	Erythrocyte uptake kinetics and cell to plasma gradients of leucine and phenylalanine in fed and fasted rats. <i>Archives Internationales De Physiologie, De Biochimie Et De Biophysique</i> , 1993 , 101, 161-5		7
110	Body and organ size and composition during late foetal and postnatal development of rat. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1983 , 75, 597-601		7
109	Tissue glycogen and lactate handling by the developing domestic fowl. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1986 , 85, 155-9		7
108	Food Safety and Functional Foods in the European Union: Obesity as a Paradigmatic Example for Novel Food Development. <i>Nutrition Reviews</i> , 2004 , 62, 169-181	6.4	7
107	Leptin as a key regulator of the adipose organ. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2021 , 1	10.5	7
106	Body fat loss induced by calcium in co-supplementation with conjugated linoleic acid is associated with increased expression of bone formation genes in adult mice. <i>Journal of Nutritional Biochemistry</i> , 2015 , 26, 1540-6	6.3	6
105	A Common Variant and the Transcript Levels of MC4R Gene Are Associated With Adiposity in Children: The IDEFICS Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016 , 101, 4229-4236	5.6	6
104	The steroid RU486 induces UCP1 expression in brown adipocytes. <i>Pflugers Archiv European Journal of Physiology</i> , 2004 , 449, 170-4	4.6	6
103	Synergic effect of overweight and cold on uncoupling proteins expression, a role of alpha(2)/beta(3) adrenergic receptor balance?. <i>Pflugers Archiv European Journal of Physiology</i> , 2002 , 444, 484-90	4.6	6
102	Tissue composition in persistent dietary obesity after early and adulthood overfeeding in the rat. <i>Archives Internationales De Physiologie, De Biochimie Et De Biophysique</i> , 1992 , 100, 147-54		6
101	Altered blood amino acid distribution in genetically obese mice. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 1991 , 1097, 289-92	6.9	6
100	Effects of 24-hour starvation period on metabolic parameters of 20-day-old rats. <i>Archives Internationales De Physiologie Et De Biochimie</i> , 1984 , 92, 297-303		6
99	Enzymatic lactate-specific radioactivity determination in biological samples. <i>Analytical Biochemistry</i> , 1985 , 148, 190-3	3.1	6
98	Ammonia and urea determination in water samples using Amberlite XAD-7 to concentrate indophenol. <i>Analytical Chemistry</i> , 1986 , 58, 585-587	7.8	6

97	A method for the estimation of amino acid radioactivity in biological samples. <i>Journal of Proteomics</i> , 1981 , 5, 153-6		6
96	Plasma Amino Acids in Hypothyroid and Hyperttyroid Rats. <i>Hormone and Metabolic Research</i> , 1981 , 13, 38-41	3.1	6
95	Glutamine synthetase activity in rat tissues during pregnancy and lactation. <i>Hormone and Metabolic Research</i> , 1982 , 14, 419-21	3.1	6
94	Dietary-induced permanent changes in brown and white adipose tissue composition in rats 1991 , 15, 415-9		6
93	The Intake of a Cafeteria Diet in Nursing Rats Alters the Breast Milk Concentration of Proteins Important for the Development of Offspring. <i>Nutrients</i> , 2020 , 12,	6.7	6
92	Challenges in obesity research. <i>Nutricion Hospitalaria</i> , 2013 , 28 Suppl 5, 144-53	1	6
91	Leptin Intake at Physiological Doses Throughout Lactation in Male Wistar Rats Normalizes the Decreased Density of Tyrosine Hydroxylase-Immunoreactive Fibers in the Stomach Caused by Mild Gestational Calorie Restriction. <i>Frontiers in Physiology</i> , 2018 , 9, 256	4.6	5
90	Alterations in plasma acylcarnitine and amino acid profiles may indicate poor nutrition during the suckling period due to maternal intake of an unbalanced diet and may predict later metabolic dysfunction. <i>FASEB Journal</i> , 2019 , 33, 796-807	0.9	5
89	Controlling lipogenesis and thermogenesis and the use of ergogenic aids for weight control 2007 , 58-103		5
88	Sexual dimorphism in age-related changes in UCP2 and leptin gene expression in subcutaneous adipose tissue in humans. <i>Journal of Nutritional Biochemistry</i> , 2001 , 12, 444-449	6.3	5
87	Metabolic enzyme activity in the quadriceps femoris muscle in patients with severe chronic obstructive pulmonary disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1995 , 152, 1137-8	10.2	5
86	Permeability of chicken egg vitelline membrane to glucose, carbohydrate gradients between albumen and yolk. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1983 , 75, 137-40		5
85	A simplified method for the estimation of individual amino acid radioactivity in plasma samples. <i>Journal of Proteomics</i> , 1983 , 8, 63-7		5
84	An enzyme specific method for estimation of pyruvic acid radioactivity in biological samples. <i>Journal of Proteomics</i> , 1984 , 10, 181-5		5
83	Arginase activity in the organs of fed and 24-hours fasted rats. <i>Hormone and Metabolic Research</i> , 1980 , 12, 281-2	3.1	5
82	Effect of short term fasting on plasma composition of lactating rats. <i>Archives Internationales De Physiologie Et De Biochimie</i> , 1981 , 89, 217-23		5
81	Estimation of monosaccharide radioactivity in biological samples through osazone derivatization. <i>Analytical Biochemistry</i> , 1982 , 120, 249-53	3.1	5
80	Blood and plasma glucose relationships during pregnancy, the breeding cycle and development in the rat. <i>Diabète & Métabolisme</i> , 1980 , 6, 271-5		5

79	Rapid visual detection of SARS-CoV-2 by colorimetric loop-mediated isothermal amplification. <i>BioTechniques</i> , 2021 , 70, 218-225	2.5	5
78	Metabolomic approach in milk from calorie-restricted rats during lactation: a potential link to the programming of a healthy phenotype in offspring. <i>European Journal of Nutrition</i> , 2020 , 59, 1191-1204	5.2	5
77	Lactation as a programming window for metabolic syndrome. <i>European Journal of Clinical Investigation</i> , 2021 , 51, e13482	4.6	5
76	Anti-obesity and insulin-sensitising effects of a glycosaminoglycan mix. <i>Journal of Functional Foods</i> , 2016 , 26, 350-362	5.1	4
75	Gender-Associated Impact of Early Leucine Supplementation on Adult Predisposition to Obesity in Rats. <i>Nutrients</i> , 2018 , 10,	6.7	4
74	Cold Induced Depot-Specific Browning in Ferret Aortic Perivascular Adipose Tissue. <i>Frontiers in Physiology</i> , 2019 , 10, 1171	4.6	4
73	Specific Features of the Hypothalamic Leptin Signaling Response to Cold Exposure Are Reflected in Peripheral Blood Mononuclear Cells in Rats and Ferrets. <i>Frontiers in Physiology</i> , 2017 , 8, 581	4.6	4
72	Alterations in circulating fatty acids and the compartmentation of selected metabolites in women with breast cancer. <i>IUBMB Life</i> , 1997 , 41, 1-10	4.7	4
71	Sex-dependent changes of hypothalamic neuropeptides in response to a prolonged high-fat diet. <i>Genes and Nutrition</i> , 2007 , 2, 127-8	4.3	4
70	Hepatic glycogen and lactate handling in dietary obese rats. <i>Annals of Nutrition and Metabolism</i> , 1998 , 42, 181-8	4.5	4
69	Enzymatic determination of carbon (14C)-labeled glycerol in biological samples. <i>Journal of Proteomics</i> , 1995 , 30, 179-83		4
68	Estrogen effects on blood amino acid compartmentation. <i>Life Sciences</i> , 1995 , 57, 1589-97	6.8	4
67	Amino-acid metabolism enzyme activities in the liver, intestine and yolk sac membrane of developing domestic fowl. <i>Archives Internationales De Physiologie Et De Biochimie</i> , 1986 , 94, 219-26		4
66	Effect of starvation and protein-feeding on blood amino acid compartmentation of domestic fowl hatchlings. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1986 , 84, 437-40		4
65	Tissue glycogen and lactate handling by the developing domestic fowl. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1986 , 85, 727-31		4
64	Identification of blood cell transcriptome-based biomarkers in adulthood predictive of increased risk to develop metabolic disorders using early life intervention rat models. <i>FASEB Journal</i> , 2020 , 34, 9003-9017	0.9	4
63	Effects of cold exposure revealed by global transcriptomic analysis in ferret peripheral blood mononuclear cells. <i>Scientific Reports</i> , 2019 , 9, 19985	4.9	4
62	Long-term programming of skeletal muscle and liver lipid and energy metabolism by resveratrol supplementation to suckling mice. <i>Journal of Nutritional Biochemistry</i> , 2021 , 95, 108770	6.3	4

61	Differential effects of habitual chow-based and semi-purified diets on lipid metabolism in lactating rats and their offspring. <i>British Journal of Nutrition</i> , 2015 , 113, 758-69	3.6	3
60	Genetics and Nutrigenomics of Obesity 2011 , 253-290		3
59	Fatty acid composition of brown adipose tissue in dietary obese rats. <i>IUBMB Life</i> , 1997 , 43, 1129-36	4.7	3
58	Changes in fatty acid composition in rat adipose tissue induced by dietary obesity. <i>IUBMB Life</i> , 1996 , 40, 295-303	4.7	3
57	Combined enzymic and chromatographic techniques to determine specific radioactivity in free and triglyceride fatty acid plasma fractions. <i>Biomedical Applications</i> , 1993 , 619, 21-8		3
56	Metabolic response to short term starvation in non-pregnant and late pregnant cafeteria-obese rats. <i>Archives Internationales De Physiologie Et De Biochimie</i> , 1989 , 97, 29-35		3
55	Permeability of chicken egg vitelline membrane to amino acids Binding of amino acids to egg proteins. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1985 , 82, 289-292		3
54	Effect of starvation and a protein diet on the amino acid metabolism enzyme activities of the organs of domestic fowl hatchlings. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1986 , 85, 275-8		3
53	Impaired starvation-induced loss of mitochondrial protein in the brown adipose tissue of dietary obese rats 1992 , 16, 255-61		3
52	Recomendaciones de manipulaci3n dom3stica de frutas y hortalizas para preservar su valor nutritivo. <i>Revista Espanola De Nutricion Humana Y Dietetica</i> , 2014 , 18, 100	1.2	3
51	Impaired Gene Expression Response to Retinoic Acid Treatment in Human PBMC as Predictor of Metabolic Risk. <i>Nutrients</i> , 2020 , 12,	6.7	3
50	Benefits of breastfeeding in infant health: a role for milk signaling peptides 2021 , 29-56		3
49	Use of human PBMC to analyse the impact of obesity on lipid metabolism and metabolic status: a proof-of-concept pilot study. <i>Scientific Reports</i> , 2021 , 11, 18329	4.9	3
48	Maternal Overfeeding during Lactation Impairs the Metabolic Response to Fed/Fasting Changing Conditions in the Postweaning Offspring. <i>Molecular Nutrition and Food Research</i> , 2019 , 63, e1900504	5.9	2
47	Novel Markers of the Metabolic Impact of Exogenous Retinoic Acid with A Focus on Acylcarnitines and Amino Acids. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	2
46	Cold exposure down-regulates adiponutrin/PNPLA3 mRNA expression and affects its nutritional regulation in adipose tissues of lean and obese Zucker rats. <i>British Journal of Nutrition</i> , 2012 , 107, 1283-95	3.6	2
45	Glucose erythrocyte transporter in women with breast cancer: changes in lipid composition of erythrocyte membrane. <i>IUBMB Life</i> , 1999 , 48, 531-7	4.7	2
44	Decrease of the pool of amino acids adsorbed on blood cell membranes caused by starvation in rats. <i>Life Sciences</i> , 1995 , 57, 675-83	6.8	2

43	Enzymatic determination of carbon-14-labeled D-beta.-hydroxybutyrate in biological samples. <i>Analytical Chemistry</i> , 1993 , 65, 992-993	7.8	2
42	Sex differences in blood amino acid concentration and cell/plasma distribution in the domestic fowl. <i>British Poultry Science</i> , 1986 , 27, 379-84	1.9	2
41	Enzymatic determination of carbon-14 labeled L-alanine in biological samples. <i>Analytical Chemistry</i> , 1987 , 59, 1841-3	7.8	2
40	Distribution of amino acids and amino-acid enzymes in whole kidney and renal cortex. Effect of 24-h starvation. <i>Archives Internationales De Physiologie Et De Biochimie</i> , 1983 , 91, 255-60		2
39	Amino acid compartmentation in chick blood during the peri-hatching period. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1986 , 85, 237-42		2
38	Changes in plasma amino acids levels and "in vivo" gluconeogenesis from alanine in rats chronically treated with sulfonyleureas. <i>Diabète & Métabolisme</i> , 1978 , 4, 181-6		2
37	Effects of dietary MCT on lipid storage and thermogenesis. <i>Reproduction, Nutrition, Development</i> , 1998 , 38, 193-193		2
36	Leptin Distribution in Rat Foetal and Extraembryonic Tissues in Late Gestation: A Physiological View of Amniotic Fluid Leptin. <i>Nutrients</i> , 2020 , 12,	6.7	2
35	Consumo de zumos de frutas en el marco de una alimentación saludable: Documento de Postura del Comité Científico B al día. <i>Actividad Dietética</i> , 2010 , 14, 138-143		1
34	Criterios y parámetros básicos para la evaluación de alimentos candidatos a incluirlos en las recomendaciones de consumo de frutas y hortalizas B al día. <i>El Documento Director. Actividad Dietética</i> , 2009 , 13, 75-82		1
33	Sex-dependent differences in lipid handling and the implications for obesity-linked disorders. <i>Future Lipidology</i> , 2008 , 3, 359-361		1
32	The intake of a hyperlipidic diet stimulates the gastric leptin signalling pathway in female rats. <i>Genes and Nutrition</i> , 2007 , 2, 135	4.3	1
31	Thermogenesis and the Metabolic Syndrome 2005 , 283-303		1
30	Glucose Erythrocyte Transporter in Women with Breast Cancer: Changes in Lipid Composition of Erythrocyte Membrane. <i>IUBMB Life</i> , 1999 , 48, 531-537	4.7	1
29	Metabolic utilization of muscular L-proline in 24-hr starved rats. <i>International Journal of Biochemistry & Cell Biology</i> , 1992 , 24, 1725-30		1
28	Liver- and muscle amino-acid concentrations during the development of domestic fowl. <i>Archives Internationales De Physiologie Et De Biochimie</i> , 1986 , 94, 179-86		1
27	Patterns of amino acid enzyme in domestic fowl breast and leg muscle during development. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1985 , 82, 143-6		1
26	Effect of sulfonyleurea treatment and fasting on the levels of plasma amino acids in the rat. <i>Hormone and Metabolic Research</i> , 1978 , 10, 482-9	3.1	1

25	Functional Foods in the European Union. <i>Nutraceutical Science and Technology</i> , 2007 , 213-250		1
24	Nutrition and Health 2003 , 39-60		1
23	Maternal diet, rather than obesity itself, has a main influence on milk triacylglycerol profile in dietary obese rats. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2020 , 1865, 158558	5	1
22	CUN-BAE Index as a Screening Tool to Identify Increased Metabolic Risk in Apparently Healthy Normal-Weight Adults and Those with Obesity. <i>Journal of Nutrition</i> , 2021 , 151, 2215-2225	4.1	1
21	Sex-Specific Effects of Myo-Inositol Ingested During Lactation in the Improvement of Metabolic Health in Adult Rats. <i>Molecular Nutrition and Food Research</i> , 2021 , 65, e2000965	5.9	1
20	Lower miR-26a levels in breastmilk affect gene expression in adipose tissue of offspring. <i>FASEB Journal</i> , 2021 , 35, e21924	0.9	1
19	Blood cell transcript levels in 5-year-old children as potential markers of breastfeeding effects in those small for gestational age at birth. <i>Journal of Translational Medicine</i> , 2019 , 17, 145	8.5	0
18	UCP1 mRNA induction by RU486 in brown adipocytes is followed by marked induction of UCP1 protein levels. <i>Genes and Nutrition</i> , 2007 , 2, 133-4	4.3	0
17	Leptin Supplementation During Lactation Restores Key Liver Metabolite Levels Malprogrammed by Gestational Calorie Restriction. <i>Molecular Nutrition and Food Research</i> , 2021 , 65, e2001046	5.9	0
16	Implementation of a healthy diet to lactating rats attenuates the early detrimental programming effects in the offspring born to obese dams. Putative relationship with milk hormone levels.. <i>Journal of Nutritional Biochemistry</i> , 2022 , 109043	6.3	0
15	Suboptimal Consumption of Relevant Immune System Micronutrients Is Associated with a Worse Impact of COVID-19 in Spanish Populations. <i>Nutrients</i> , 2022 , 14, 2254	6.7	0
14	Nicotinamide Riboside Supplementation to Suckling Male Mice Improves Lipid and Energy Metabolism in Skeletal Muscle and Liver in Adulthood. <i>Nutrients</i> , 2022 , 14, 2259	6.7	0
13	Dietary Improvement during Lactation Normalizes miR-26a, miR-222 and miR-484 Levels in the Mammary Gland, but Not in Milk, of Diet-Induced Obese Rats. <i>Biomedicines</i> , 2022 , 10, 1292	4.8	0
12	AB0060 Cross-Talk between the Adipogenic and the Chondrogenic Programs Elicited by A Glycosaminoglycan Mixture. <i>Annals of the Rheumatic Diseases</i> , 2014 , 73, 824.1-824	2.4	
11	AB0773 A Glycosaminoglycan Rich Commercial Preparation Used in Osteoarthritis Management Favors FAT Loss in Diet-Induced Obese Mice. <i>Annals of the Rheumatic Diseases</i> , 2014 , 73, 1060.2-1060	2.4	
10	Papel de la leptina en la lactancia materna. <i>Revista Espanola De Nutricion Humana Y Dietetica</i> , 2011 , 15, 122-123	1.2	
9	Diminished response to food deprivation of the rat brown adipose tissue mitochondrial uncoupling system with age. <i>IUBMB Life</i> , 1997 , 42, 1151-61	4.7	
8	Nutritional quality of human milk from Mediterranean lactating women: a preliminary approach towards personalised nutrition. <i>Genes and Nutrition</i> , 2007 , 2, 95-8	4.3	

- 7 "In vivo" glutamic acid metabolism in late pregnant rats. *Hormone and Metabolic Research*, **1993**, 25, 294-301
- 6 Quantitative measurement of rat uncoupling protein-mRNA by competitive polymerase chain reaction. *Analytical Biochemistry*, **1995**, 226, 379-82 3.1
- 5 Aspartate- and tyrosine transaminase activities in the organs of the rat during its breeding cycle. *Archives Internationales De Physiologie Et De Biochimie*, **1983**, 91, 109-14
- 4 Adenylate deaminase activity in the tissues of the rat during its breeding cycle. *Archives Internationales De Physiologie Et De Biochimie*, **1983**, 91, 51-4
- 3 Mouse Models to Study Antiobesogenic Effects of Carotenoids. *Methods in Molecular Biology*, **2020**, 2083, 403-417 1.4
- 2 Regulation of Gene Expression **2020**, 17-25
- 1 Perinatal Treatment with Leptin, but Not Celastrol, Protects from Metabolically Obese, Normal-Weight Phenotype in Rats. *Nutrients*, **2022**, 14, 2277 6.7