

Catalina Pico

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141
papers

4,541
citations

40
h-index

60
g-index

150
ext. papers

5,094
ext. citations

5
avg, IF

5.35
L-index

#	Paper	IF	Citations
141	A physiological role of breast milk leptin in body weight control in developing infants. <i>Obesity</i> , 2006 , 14, 1371-7	8	192
140	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
139	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
138	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
137	The uncoupling protein, thermogenin. <i>International Journal of Biochemistry and Cell Biology</i> , 1998 , 30, 7-11	5.6	103
136	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
135	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
134	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
133	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
132	Biomarkers of Nutrition and Health: New Tools for New Approaches. <i>Nutrients</i> , 2019 , 11,	6.7	85
131	Sex-differential expression of metabolism-related genes in response to a high-fat diet. <i>Obesity</i> , 2008 , 16, 819-26	8	80
130	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
129	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
128	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
127	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
126	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
125	Obesity: molecular bases of a multifactorial problem. <i>European Journal of Nutrition</i> , 2000 , 39, 127-44	5.2	68

124	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
123	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
122	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
121	Cohort Profile: The transition from childhood to adolescence in European children-how I.Family extends the IDEFICS cohort. <i>International Journal of Epidemiology</i> , 2017 , 46, 1394-1395j	7.8	64
120	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
119	Perinatal expression of leptin in rat stomach. <i>Developmental Dynamics</i> , 2002 , 223, 148-54	2.9	58
118	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
117	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
116	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
115	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
114	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
113	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
112	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
111	Leptin production by the stomach is up-regulated in obese (fa/fa) Zucker rats. <i>Obesity</i> , 2002 , 10, 932-8		51
110	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
109	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
108	Leptin in the human stomach. <i>Gut</i> , 2001 , 49, 155	19.2	49
107	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

106	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
105	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
104	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
103	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
102	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
101	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
100	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
99	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
98	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
97	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
96	Leptin as a breast milk component for the prevention of obesity. <i>Nutrition Reviews</i> , 2018 , 76, 875-892	6.4	33
95	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
94	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
93	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
92	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
91	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
90	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
89	Protein and amino acid intake in cafeteria fed obese rats. <i>Physiology and Behavior</i> , 1995 , 58, 513-9	3.5	27

88	BIOCLAIMS standard diet (BIOsd): a reference diet for nutritional physiology. <i>Genes and Nutrition</i> , 2012 , 7, 399-404	4.3	26
87	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
86	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
85	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
84	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
83	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
82	Nutrient-gene interactions in benefit-risk analysis. <i>British Journal of Nutrition</i> , 2006 , 95, 1232-6	3.6	24
81	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
80	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
79	Resistin expression in different adipose tissue depots during rat development. <i>Molecular and Cellular Biochemistry</i> , 2003 , 252, 397-400	4.2	23
78	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
77	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
76	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
75	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
74	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
73	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
72	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
71	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

70	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
69	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
68	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
67	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
66	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
65	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
64	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
63	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
62	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
61	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
60	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
59	2-Methoxyestradiol, an endogenous metabolite of 17beta-estradiol, inhibits adipocyte proliferation. <i>Molecular and Cellular Biochemistry</i> , 1998 , 189, 1-7	4.2	17
58	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
57	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
56	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
55	Perinatal programming of obesity: an introduction to the topic. <i>Frontiers in Physiology</i> , 2013 , 4, 255	4.6	14
54	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
53	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

52	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
51	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
50	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
49	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
48	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
47	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
46	Influence of breastfeeding on blood-cell transcript-based biomarkers of health in children. <i>Pediatric Obesity</i> , 2014 , 9, 463-70	4.6	12
45	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
44	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
43	A significant pool of amino acids is adsorbed on blood cell membranes. <i>Bioscience Reports</i> , 1991 , 11, 223-30	4.0	12
42	Prospective associations between dietary patterns and high sensitivity C-reactive protein in European children: the IDEFICS study. <i>European Journal of Nutrition</i> , 2018 , 57, 1397-1407	5.2	11
41	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
40	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
39	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
38	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
37	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
36	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
35	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

34	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
33	White adipose tissue reference network: a knowledge resource for exploring health-relevant relations. <i>Genes and Nutrition</i> , 2015 , 10, 439	4.3	8
32	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
31	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
30	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
29	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
28	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
27	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
26	Leptin as a key regulator of the adipose organ. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2021 , 1	10.5	7
25	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
24	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
23	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
22	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
21	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
20	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
19	Lactation as a programming window for metabolic syndrome. <i>European Journal of Clinical Investigation</i> , 2021 , 51, e13482	4.6	5
18	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
17	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

16	Genetics and Nutrigenomics of Obesity 2011 , 253-290		3
15	Benefits of breastfeeding in infant health: a role for milk signaling peptides 2021 , 29-56		3
14	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
13	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
12	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
11	Sex-dependent differences in lipid handling and the implications for obesity-linked disorders. <i>Future Lipidology</i> , 2008 , 3, 359-361		1
10	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
9	Thermogenesis and the Metabolic Syndrome 2005 , 283-303		1
8	Metabolic utilization of muscular L-proline in 24-hr starved rats. <i>International Journal of Biochemistry & Cell Biology</i> , 1992 , 24, 1725-30		1
7	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, 15855 ⁵		1
6	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
5	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
4	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
3	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
2	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	
1	"In vivo" glutamic acid metabolism in late pregnant rats. <i>Hormone and Metabolic Research</i> , 1993 , 25, 294-311		