

# Mari Alemany

## List of Publications by Citations

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271  
papers

3,124  
citations

27  
h-index

38  
g-index

281  
ext. papers

3,287  
ext. citations

4.2  
avg, IF

4.79  
L-index

#	Paper	IF	Citations
271	Formaldehyde derived from dietary aspartame binds to tissue components in vivo. <i>Life Sciences</i> , <b>1998</b> , 63, 337-49	6.8	86
270	Energy intake of rats fed a cafeteria diet. <i>Physiology and Behavior</i> , <b>1989</b> , 45, 263-72	3.5	85
269	A method for the simultaneous determination of total carbohydrate and glycerol in biological samples with the anthrone reagent. <i>Journal of Proteomics</i> , <b>1981</b> , 4, 227-31		61
268	Metabolic effects of short term food deprivation in the rat. <i>Hormone and Metabolic Research</i> , <b>1981</b> , 13, 326-30	3.1	60
267	A new method for deproteinization of small samples of blood plasma for amino acid determination. <i>Analytical Biochemistry</i> , <b>1977</b> , 82, 236-9	3.1	56
266	Estrone in food: a factor influencing the development of obesity?. <i>European Journal of Nutrition</i> , <b>1999</b> , 38, 247-53	5.2	49
265	Is leptin an insulin counter-regulatory hormone?. <i>FEBS Letters</i> , <b>1997</b> , 402, 9-11	3.8	47
264	Plasma amino acid concentrations in pregnant rats and in 21-day foetuses. <i>Biochemical Journal</i> , <b>1977</b> , 166, 49-55	3.8	44
263	Amino acid and glucose uptake by rat brown adipose tissue. Effect of cold-exposure and acclimation. <i>Biochemical Journal</i> , <b>1988</b> , 252, 843-9	3.8	43
262	Rats receiving the slimming agent oleoyl-estrone in liposomes (Merlin-2) decrease food intake but maintain thermogenesis. <i>Archives of Physiology and Biochemistry</i> , <b>1997</b> , 105, 663-72	2.2	42
261	Short-term treatment with oleoyl-oestrone in liposomes (Merlin-2) strongly reduces the expression of the ob gene in young rats. <i>Biochemical Journal</i> , <b>1997</b> , 326 ( Pt 2), 357-60	3.8	42
260	Glutamine synthetase activity in the organs of fed and 24-hours fasted rats. <i>Hormone and Metabolic Research</i> , <b>1981</b> , 13, 199-202	3.1	40
259	Daily oral oleoyl-estrone gavage induces a dose-dependent loss of fat in Wistar rats. <i>Obesity</i> , <b>2001</b> , 9, 202-9		38
258	Oleoyl-estrone treatment affects the ponderostat setting differently in lean and obese Zucker rats. <i>International Journal of Obesity</i> , <b>1999</b> , 23, 366-73	5.5	37
257	Cultured 3T3L1 adipocytes dispose of excess medium glucose as lactate under abundant oxygen availability. <i>Scientific Reports</i> , <b>2014</b> , 4, 3663	4.9	35
256	Comparative hematological values of several galliformes. <i>Poultry Science</i> , <b>1973</b> , 52, 1531-4	3.9	34
255	Glycerol is synthesized and secreted by adipocytes to dispose of excess glucose, via glycerogenesis and increased acyl-glycerol turnover. <i>Scientific Reports</i> , <b>2017</b> , 7, 8983	4.9	33

254	Effect of oral oleoyl-estrone on adipose tissue composition in male rats. <i>International Journal of Obesity</i> , <b>2002</b> , 26, 1092-102	5.5	32
253	Semiquantitative RT-PCR measurement of gene expression in rat tissues including a correction for varying cell size and number. <i>Nutrition and Metabolism</i> , <b>2007</b> , 4, 26	4.6	31
252	Whole-rat protein content estimation: applicability of the N x 6.25 factor. <i>British Journal of Nutrition</i> , <b>1994</b> , 72, 199-209	3.6	31
251	Pharmacological approaches for the treatment of obesity. <i>Drugs</i> , <b>2002</b> , 62, 915-44	12.1	30
250	Effects of 24 hour starvation on plasma composition in 19 and 21 day pregnant rats and their fetuses. <i>Hormone and Metabolic Research</i> , <b>1982</b> , 14, 364-71	3.1	30
249	A method for the measurement of plasma estrone fatty ester levels. <i>Analytical Biochemistry</i> , <b>1997</b> , 249, 247-50	3.1	29
248	Evidences of basal lactate production in the main white adipose tissue sites of rats. Effects of sex and a cafeteria diet. <i>PLoS ONE</i> , <b>2015</b> , 10, e0119572	3.7	28
247	Do the interactions between glucocorticoids and sex hormones regulate the development of the metabolic syndrome?. <i>Frontiers in Endocrinology</i> , <b>2012</b> , 3, 27	5.7	28
246	Oral oleoyl-estrone induces the rapid loss of body fat in Zucker lean rats fed a hyperlipidic diet. <i>International Journal of Obesity</i> , <b>2000</b> , 24, 1405-12	5.5	28
245	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> , <b>1981</b> , 70, 611-613		28
244	Effect of oral oleoyl-estrone treatment on plasma lipoproteins and tissue lipase activities of Zucker lean and obese female rats. <i>International Journal of Obesity</i> , <b>2002</b> , 26, 618-26	5.5	26
243	Plasma oestrone-fatty acid ester levels are correlated with body fat mass in humans. <i>Clinical Endocrinology</i> , <b>1999</b> , 50, 253-60	3.4	26
242	Activities of enzymes involved in amino-acid metabolism in developing rat placenta. <i>FEBS Journal</i> , <b>1980</b> , 110, 289-93		26
241	Effect of the slimming agent oleoyl-estrone in liposomes on the body weight of Zucker obese rats. <i>International Journal of Obesity</i> , <b>1997</b> , 21, 789-95	5.5	25
240	Regulation of adipose tissue energy availability through blood flow control in the metabolic syndrome. <i>Free Radical Biology and Medicine</i> , <b>2012</b> , 52, 2108-19	7.8	24
239	Combined effects of oleoyl-estrone and a beta3-adrenergic agonist (CL316,243) on lipid stores of diet-induced overweight male Wistar rats. <i>Life Sciences</i> , <b>2005</b> , 77, 2051-8	6.8	24
238	Distribution of oleoyl-estrone in rat plasma lipoproteins. <i>Hormone and Metabolic Research</i> , <b>1999</b> , 31, 597-601	3.1	24
237	Short-term oscillations of aortic core temperature and thermogenic organ blood flow in the rat. <i>Experimental Physiology</i> , <b>1993</b> , 78, 243-53	2.4	24

236	Effect of stress and sampling site on metabolite concentration in rat plasma. <i>Archives Internationales De Physiologie Et De Biochimie</i> , <b>1980</b> , 88, 99-105		23
235	Oleoyl-estrone induces the loss of body fat in rats <b>1996</b> , 20, 588-94		22
234	Relationship between energy dense diets and white adipose tissue inflammation in metabolic syndrome. <i>Nutrition Research</i> , <b>2013</b> , 33, 1-11	4	21
233	Different modulation by dietary restriction of adipokine expression in white adipose tissue sites in the rat. <i>Cardiovascular Diabetology</i> , <b>2009</b> , 8, 42	8.7	21
232	Effect of the slimming agent oleoyl-estrone in liposomes on the body weight of rats fed a cafeteria diet. <i>Archives of Physiology and Biochemistry</i> , <b>1997</b> , 105, 487-95	2.2	21
231	Oral gavage of oleoyl-oestrone has a stronger effect on body weight in male Zucker obese rats than in female. <i>Diabetes, Obesity and Metabolism</i> , <b>2001</b> , 3, 203-8	6.7	21
230	Rat insulin turnover in vivo. <i>Endocrinology</i> , <b>1995</b> , 136, 3871-6	4.8	21
229	Effect of cold-temperature exposure and acclimation on amino acid pool changes and enzyme activities of rat brown adipose tissue. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>1987</b> , 925, 265-71 <sup>4</sup>		21
228	The problem of nitrogen disposal in the obese. <i>Nutrition Research Reviews</i> , <b>2012</b> , 25, 18-28	7	20
227	Determination of plasma amino acids in small samples with the use of Dansyl-chloride. <i>Biochimie</i> , <b>1976</b> , 58, 1221-6	4.6	20
226	Oleoyl-estrone does not have direct estrogenic effects on rats. <i>Life Sciences</i> , <b>2001</b> , 69, 749-61	6.8	19
225	Plasma leptin turnover rates in lean and obese Zucker rats. <i>Endocrinology</i> , <b>1998</b> , 139, 4466-9	4.8	19
224	Treatment of rats with a self-selected hyperlipidic diet, increases the lipid content of the main adipose tissue sites in a proportion similar to that of the lipids in the rest of organs and tissues. <i>PLoS ONE</i> , <b>2014</b> , 9, e90995	3.7	19
223	Combined effects of oral oleoyl-estrone and limited food intake on body composition of young overweight male rats. <i>International Journal of Obesity</i> , <b>2006</b> , 30, 1149-56	5.5	18
222	Effect of a cafeteria diet on energy intake and balance in Wistar rats. <i>Physiology and Behavior</i> , <b>1994</b> , 56, 65-71	3.5	18
221	Individual amino acid balances in young lean and obese Zucker rats fed a cafeteria diet. <i>Molecular and Cellular Biochemistry</i> , <b>1993</b> , 121, 45-58	4.2	18
220	Effects of lactation on circulating plasma metabolites in 'cafeteria-fed' rats. <i>British Journal of Nutrition</i> , <b>1986</b> , 55, 139-47	3.6	18
219	Changes in glutamine synthesis activity in the different organs of developing rats. <i>Archives Internationales De Physiologie Et De Biochimie</i> , <b>1981</b> , 89, 189-94		18

218	Structural determinants of oleoyl-estrone slimming effects. <i>Life Sciences</i> , <b>1998</b> , 62, 1349-59	6.8	17
217	Physical and chemical nature of eggs from six breeds of domestic fowl. <i>British Poultry Science</i> , <b>1983</b> , 24, 301-309	1.9	17
216	The defense of adipose tissue against excess substrate-induced hypertrophy: immune system cell infiltration and arrested metabolic activity. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2011</b> , 96, 66-8	5.6	16
215	Zucker obese rats are insensitive to the CRH-increasing effect of oleoyl-estrone. <i>Brain Research Bulletin</i> , <b>1998</b> , 46, 529-34	3.9	16
214	Modulation of corticosterone availability to white adipose tissue of lean and obese Zucker rats by corticosteroid-binding globulin. <i>Hormone and Metabolic Research</i> , <b>2001</b> , 33, 407-11	3.1	16
213	Effect of dietary protein content on tissue protein synthesis rates in Zucker lean rats. <i>Nutrition Research</i> , <b>1999</b> , 19, 1017-1026	4	16
212	Lipid synthesis: a thermogenic mechanism in cold-exposed Zucker fa/fa rats. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , <b>1993</b> , 105, 369-76		16
211	Changes in alanine transaminase activity in several organs of the rat induced by a 24-hour fast. <i>Hormone and Metabolic Research</i> , <b>1980</b> , 12, 505-8	3.1	16
210	Changes-induced in liver and muscle glycogen and glycogen enzymes by 24-hour fasting in the rat. <i>Hormone and Metabolic Research</i> , <b>1980</b> , 12, 19-22	3.1	16
209	Glycerol Production from Glucose and Fructose by 3T3-L1 Cells: A Mechanism of Adipocyte Defense from Excess Substrate. <i>PLoS ONE</i> , <b>2015</b> , 10, e0139502	3.7	15
208	Site-related white adipose tissue lipid-handling response to oleoyl-estrone treatment in overweight male rats. <i>European Journal of Nutrition</i> , <b>2009</b> , 48, 291-9	5.2	15
207	Estimation of the metabolizable energy equivalence of dietary proteins. <i>European Journal of Nutrition</i> , <b>2007</b> , 46, 1-11	5.2	15
206	Corticosteroid-binding globulin synthesis and distribution in rat white adipose tissue. <i>Molecular and Cellular Biochemistry</i> , <b>2001</b> , 228, 25-31	4.2	15
205	In rats fed high-energy diets, taste, rather than fat content, is the key factor increasing food intake: a comparison of a cafeteria and a lipid-supplemented standard diet. <i>PeerJ</i> , <b>2017</b> , 5, e3697	3.1	15
204	Modulation of SHBG binding to testosterone and estradiol by sex and morbid obesity. <i>European Journal of Endocrinology</i> , <b>2017</b> , 176, 393-404	6.5	14
203	Altered nitrogen balance and decreased urea excretion in male rats fed cafeteria diet are related to arginine availability. <i>BioMed Research International</i> , <b>2014</b> , 2014, 959420	3	14
202	Technical note: Measurement of total estrone content in foods. Application to dairy products. <i>Journal of Dairy Science</i> , <b>2004</b> , 87, 2331-6	4	14
201	Plasma acyl-estrone levels are altered in obese women. <i>Endocrine Research</i> , <b>2000</b> , 26, 465-76	1.9	14

200	Leptin enhances the synthesis of oleoyl-estrone from estrone in white adipose tissue. <i>European Journal of Nutrition</i> , <b>1999</b> , 38, 99-104	5.2	14
199	Effect of cold exposure on organ temperatures in Wistar and Zucker fa/fa rat. <i>Journal of Thermal Biology</i> , <b>1992</b> , 17, 83-88	2.9	14
198	Utilization of dietary glucose in the metabolic syndrome. <i>Nutrition and Metabolism</i> , <b>2011</b> , 8, 74	4.6	13
197	Short-term oral oleoyl-estrone treatment increases plasma cholesterol turnover in the rat. <i>International Journal of Obesity</i> , <b>2005</b> , 29, 534-9	5.5	13
196	Effects of oleoyl-estrone with dexfenfluramine, sibutramine or phentermine on overweight rats. <i>European Journal of Pharmacology</i> , <b>2005</b> , 513, 243-8	5.3	13
195	Oleoyl-estrone induces the massive loss of body weight in Zucker fa/fa rats fed a high-energy hyperlipidic diet. <i>Journal of Nutritional Biochemistry</i> , <b>2000</b> , 11, 530-535	6.3	13
194	Intestinal handling of an oral oleoyl-estrone gavage by the rat. <i>Life Sciences</i> , <b>2001</b> , 69, 763-77	6.8	13
193	Structure and composition of the eggs from several avian species. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , <b>1984</b> , 77, 307-310		13
192	A rapid method for the estimation of amino acid concentration in liver tissue. <i>Journal of Proteomics</i> , <b>1980</b> , 2, 207-11		13
191	Nitrogen balances of lean and obese Zucker rats subjected to a cafeteria diet <b>1992</b> , 16, 237-44		13
190	Plasma amino acids of lean and obese Zucker rats subjected to a cafeteria diet after weaning. <i>Biochemistry International</i> , <b>1991</b> , 25, 797-806		13
189	Steroid hormones interrelationships in the metabolic syndrome: an introduction to the ponderostat hypothesis. <i>Hormones</i> , <b>2012</b> , 11, 272-89	3.1	12
188	Leptin. <i>Medicinal Research Reviews</i> , <b>1997</b> , 17, 225-34	14.4	12
187	Hind leg heat balance in obese Zucker rats during exercise. <i>Pflugers Archiv European Journal of Physiology</i> , <b>1998</b> , 435, 454-64	4.6	12
186	Corticosterone inhibits the lipid-mobilizing effects of oleoyl-estrone in adrenalectomized rats. <i>Endocrinology</i> , <b>2007</b> , 148, 4056-63	4.8	12
185	Corticosterone binding to tissues of adrenalectomized lean and obese Zucker rats. <i>Hormone and Metabolic Research</i> , <b>1998</b> , 30, 699-704	3.1	12
184	A micromethod for the enzymatic estimation of the degree of glycogen ramification. <i>Journal of Proteomics</i> , <b>1987</b> , 15, 33-9		12
183	Iron, zinc, and copper content in the tissues of the rat during pregnancy. <i>Biological Trace Element Research</i> , <b>1985</b> , 8, 105-11	4.5	12

182	Adenylate deaminase activity in the rat. Effect of 24 hours of fasting. <i>Hormone and Metabolic Research</i> , <b>1981</b> , 13, 264-6	3.1	12
181	Amino-acid enzyme activities in liver and kidney of developing rats. <i>Archives Internationales De Physiologie Et De Biochimie</i> , <b>1982</b> , 90, 163-71		12
180	Marked increase in rat red blood cell membrane protein glycosylation by one-month treatment with a cafeteria diet. <i>PeerJ</i> , <b>2015</b> , 3, e1101	3.1	12
179	Adipose Tissue: Something More than Just Adipocytes. <i>Current Nutrition and Food Science</i> , <b>2006</b> , 2, 141-150		11
178	Effect of cold-exposure on rat organ blood flows. <i>Archives Internationales De Physiologie, De Biochimie Et De Biophysique</i> , <b>1994</b> , 102, 55-9		11
177	Effect of food deprivation and refeeding on rat organ temperatures. <i>Archives Internationales De Physiologie, De Biochimie Et De Biophysique</i> , <b>1992</b> , 100, 207-11		11
176	Rat splanchnic net oxygen consumption, energy implications. <i>Journal of Physiology</i> , <b>1990</b> , 431, 557-69	3.9	11
175	Ontogeny of amino-acid metabolism-enzymes in peripheral tissues of developing rats. <i>Archives Internationales De Physiologie Et De Biochimie</i> , <b>1983</b> , 91, 43-50		11
174	Arginase activity during pregnancy and lactation. <i>Hormone and Metabolic Research</i> , <b>1984</b> , 16, 468-70	3.1	11
173	Short-term handling of the slimming agent oleoyl-estrone in liposomes (Merlin-2) by the rat. <i>Molecular and Cellular Biochemistry</i> , <b>1997</b> , 177, 153-7	4.2	10
172	Effects of oral estrone on rat energy balance. <i>Steroids</i> , <b>2005</b> , 70, 667-72	2.8	10
171	Oleoyl-estrone lowers the body weight of both ob/ob and db/db mice. <i>Hormone and Metabolic Research</i> , <b>2000</b> , 32, 246-50	3.1	10
170	Cooling rates of tissue samples during freezing with liquid nitrogen. <i>Journal of Proteomics</i> , <b>1993</b> , 27, 77-86		10
169	A sensitive direct calorimeter for small mammals. <i>Journal of Proteomics</i> , <b>1988</b> , 17, 35-42		10
168	Rat acetoacetic acid decarboxylase inhibition by acetone. <i>International Journal of Biochemistry &amp; Cell Biology</i> , <b>1985</b> , 17, 1271-3		10
167	Changes induced in rat plasma composition by lactation. <i>Archives Internationales De Physiologie Et De Biochimie</i> , <b>1982</b> , 90, 185-90		10
166	Quantitative analysis of rat adipose tissue cell recovery, and non-fat cell volume, in primary cell cultures. <i>PeerJ</i> , <b>2016</b> , 4, e2725	3.1	10
165	The urea cycle of rat white adipose tissue. <i>RSC Advances</i> , <b>2015</b> , 5, 93403-93414	3.7	9



164	3-Hydroxybutyrate inhibits noradrenaline-induced thermogenesis in lean but not in obese Zucker rats. <i>International Journal of Obesity</i> , <b>1998</b> , 22, 734-40	5.5	9
163	Zucker obese rats store less acyl-estrone than lean controls. <i>International Journal of Obesity</i> , <b>2003</b> , 27, 428-32	5.5	9
162	Effect of 24-h food deprivation on lipoprotein composition and oleoyl-estrone content of lean and obese Zucker rats. <i>European Journal of Nutrition</i> , <b>2001</b> , 40, 155-60	5.2	9
161	Modulation by leptin, insulin and corticosterone of oleoyl-estrone synthesis in cultured 3T3 L1 cells. <i>Bioscience Reports</i> , <b>2001</b> , 21, 755-63	4.1	9
160	Effect of food deprivation on rat plasma estrone fatty acid esters. <i>Diabetes, Obesity and Metabolism</i> , <b>1999</b> , 1, 353-6	6.7	9
159	Short-term treatment with estrone oleate in liposomes (Merlin-2) does not affect the expression of the ob gene in Zucker obese rats. <i>Molecular and Cellular Biochemistry</i> , <b>1999</b> , 197, 109-15	4.2	9
158	Management of dietary essential metals (iron, copper, zinc, chromium and manganese) by Wistar and Zucker obese rats fed a self-selected high-energy diet. <i>BioMetals</i> , <b>1994</b> , 7, 117-29	3.4	9
157	Fatty acid utilization by young Wistar rats fed a cafeteria diet. <i>Molecular and Cellular Biochemistry</i> , <b>1992</b> , 118, 67-74	4.2	9
156	Effects of a high lipidic diet on murine energetic reserves in food deprivation. <i>Hormone and Metabolic Research</i> , <b>1989</b> , 21, 606-11	3.1	9
155	Effect of alanine on in vitro glucose utilization by rat interscapular brown adipose tissue. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>1989</b> , 1010, 338-41	4.9	9
154	Distribution and kinetics of injected nickel in the pregnant rat. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>1986</b> , 13, 91-6	3	9
153	Plasma amino-acid concentrations during development in the rat. <i>Archives Internationales De Physiologie Et De Biochimie</i> , <b>1980</b> , 88, 443-52		9
152	A method for the estimation of striated muscle mass in small laboratory animals. <i>Revista Española De Fisiología</i> , <b>1979</b> , 35, 215-8		9
151	Nitrogen balance discrepancy in Wistar rats fed a cafeteria diet. <i>Biochemistry International</i> , <b>1992</b> , 26, 687-94		9
150	Body and organ size and composition during the breeding cycle of rats ( <i>Rattus norvegicus</i> ). <i>Laboratory Animal Science</i> , <b>1981</b> , 31, 67-70		9
149	Modulation of rat liver urea cycle and related ammonium metabolism by sex and cafeteria diet. <i>RSC Advances</i> , <b>2016</b> , 6, 11278-11288	3.7	8
148	Oleoyl-estrone is a precursor of an estrone-derived ponderostat signal. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2011</b> , 124, 99-111	5.1	8
147	Gene expression modulation of liver energy metabolism by oleoyl-oestrone in overweight rats. <i>Bioscience Reports</i> , <b>2009</b> , 30, 81-9	4.1	8



146	Oleoyl-oestrone inhibits lipogenic, but maintains thermogenic, gene expression of brown adipose tissue in overweight rats. <i>Bioscience Reports</i> , <b>2009</b> , 29, 237-43	4.1	8
145	During intense exercise, obese women rely more than lean women on aerobic energy. <i>Pflugers Archiv European Journal of Physiology</i> , <b>1998</b> , 435, 495-502	4.6	8
144	In the rat, estrone sulphate is the main serum metabolite of oral oleoyl-estrone. <i>Journal of Endocrinological Investigation</i> , <b>2007</b> , 30, 376-81	5.2	8
143	Anomalous lipoproteins in obese Zucker rats. <i>Diabetes, Obesity and Metabolism</i> , <b>2001</b> , 3, 259-70	6.7	8
142	Effect of oleoyl-estrone treatment on the expression of beta1- beta2- and beta3-adrenoreceptors in rat adipose tissues. <i>Molecular and Cellular Biochemistry</i> , <b>2001</b> , 221, 109-15	4.2	8
141	Effect of adrenalectomy on the slimming activity of liposome-carried oleoyl-estrone in the rat. <i>International Journal of Obesity</i> , <b>1998</b> , 22, 1225-30	5.5	8
140	Water balance in Zucker obese rats. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , <b>1993</b> , 104, 813-8		8
139	Activities of amino acid metabolizing enzymes in the stomach and small intestine of developing rats. <i>Reproduction, Nutrition, Development</i> , <b>1985</b> , 25, 861-6		8
138	Glycogen and glycogen enzymes in the liver and striated muscle of rats under altered thyroid states. <i>Hormone and Metabolic Research</i> , <b>1982</b> , 14, 179-82	3.1	8
137	Oleoyl-estrone does not alter hypothalamic neuropeptide Y in Zucker lean and obese rats. <i>Peptides</i> , <b>1998</b> , 19, 1631-5	3.8	7
136	Dietary oleoyl-estrone delays the growth rate of young rats. <i>European Journal of Nutrition</i> , <b>2001</b> , 40, 17-22	5.2	7
135	Insulin degradation by adipose tissue is increased in human obesity. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1995</b> , 80, 693-5	5.6	7
134	Intestinal handling of a glucose gavage by the rat. <i>Molecular and Cellular Biochemistry</i> , <b>1992</b> , 113, 43-53	4.2	7
133	Methodological evaluation of indirect calorimetry data in lean and obese rats. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>1993</b> , 20, 731-42	3	7
132	The thermogenic effect of a sucrose gavage on the fa/fa rat. <i>Nutrition Research</i> , <b>1989</b> , 9, 1407-1413	4	7
131	Effects of a nickel load upon the concentration of plasma metabolites in pregnant rats. <i>Gynecologic and Obstetric Investigation</i> , <b>1986</b> , 21, 193-7	2.5	7
130	Body and organ size and composition during late foetal and postnatal development of rat. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , <b>1983</b> , 75, 597-601		7
129	Tissue glycogen and lactate handling by the developing domestic fowl. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , <b>1986</b> , 85, 155-9		7

128	The use of Transwells improves the rates of differentiation and growth of cultured 3T3L1 cells. <i>Analytical and Bioanalytical Chemistry</i> , <b>2013</b> , 405, 5605-10	4.4	6
127	Site-specific modulation of white adipose tissue lipid metabolism by oleoyl-estrone and/or rosiglitazone in overweight rats. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2010</b> , 381, 339-48	3.4	6
126	Effect of oleoyl-estrone administration on corticosterone binding to tissues of lean and obese Zucker rats. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>1998</b> , 66, 165-9	5.1	6
125	Oleoyl-estrone treatment reduces the volume of white adipose tissue cells in the rat. <i>Journal of Physiology and Biochemistry</i> , <b>2000</b> , 56, 369-70	5	6
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90	Effect of sex on glucose handling by adipocytes isolated from rat subcutaneous, mesenteric and perigonadal adipose tissue. <i>PeerJ</i> , <b>2018</b> , 6, e5440	3.1	5
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