

Xavier Remesar

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197
papers

2,358
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206
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2,546
ext. citations

4.3
avg, IF

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L-index

#	Paper	IF	Citations
197	Formaldehyde derived from dietary aspartame binds to tissue components in vivo. <i>Life Sciences</i> , 1998 , 63, 337-49	6.8	86
196	Metabolic effects of short term food deprivation in the rat. <i>Hormone and Metabolic Research</i> , 1981 , 13, 326-30	3.1	60
195	Effects of chronic ethanol consumption on lactational performance in rat: mammary gland and milk composition and pupsTgrowth and metabolism. <i>Pharmacology Biochemistry and Behavior</i> , 1987 , 27, 333-39	3.9	58
194	Estrone in food: a factor influencing the development of obesity?. <i>European Journal of Nutrition</i> , 1999 , 38, 247-53	5.2	49
193	Is leptin an insulin counter-regulatory hormone?. <i>FEBS Letters</i> , 1997 , 402, 9-11	3.8	47
192	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
191	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> , 1997 , 326 (Pt 2), 357-60	3.8	42
190	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
189	Daily oral oleoyl-estrone gavage induces a dose-dependent loss of fat in Wistar rats. <i>Obesity</i> , 2001 , 9, 202-9		38
188	Oleoyl-estrone treatment affects the ponderostat setting differently in lean and obese Zucker rats. <i>International Journal of Obesity</i> , 1999 , 23, 366-73	5.5	37
187	Cultured 3T3L1 adipocytes dispose of excess medium glucose as lactate under abundant oxygen availability. <i>Scientific Reports</i> , 2014 , 4, 3663	4.9	35
186	Glycerol is synthesized and secreted by adipocytes to dispose of excess glucose, via glycerogenesis and increased acyl-glycerol turnover. <i>Scientific Reports</i> , 2017 , 7, 8983	4.9	33
185	Effect of oral oleoyl-estrone on adipose tissue composition in male rats. <i>International Journal of Obesity</i> , 2002 , 26, 1092-102	5.5	32
184	Whole-rat protein content estimation: applicability of the N x 6.25 factor. <i>British Journal of Nutrition</i> , 1994 , 72, 199-209	3.6	31
183	Pharmacological approaches for the treatment of obesity. <i>Drugs</i> , 2002 , 62, 915-44	12.1	30
182	Effects of 24 hour starvation on plasma composition in 19 and 21 day pregnant rats and their fetuses. <i>Hormone and Metabolic Research</i> , 1982 , 14, 364-71	3.1	30
181	A method for the measurement of plasma estrone fatty ester levels. <i>Analytical Biochemistry</i> , 1997 , 249, 247-50	3.1	29

180	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> , 2015 , 10, e0119572	3.7	28
179	Oral oleoyl-estrone induces the rapid loss of body fat in Zucker lean rats fed a hyperlipidic diet. <i>International Journal of Obesity</i> , 2000 , 24, 1405-12	5.5	28
178	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> , 2002 , 26, 618-26	5.5	26
177	Plasma oestrone-fatty acid ester levels are correlated with body fat mass in humans. <i>Clinical Endocrinology</i> , 1999 , 50, 253-60	3.4	26
176	Activities of enzymes involved in amino-acid metabolism in developing rat placenta. <i>FEBS Journal</i> , 1980 , 110, 289-93		26
175	Effect of the slimming agent oleoyl-estrone in liposomes on the body weight of Zucker obese rats. <i>International Journal of Obesity</i> , 1997 , 21, 789-95	5.5	25
174	Distribution of oleoyl-estrone in rat plasma lipoproteins. <i>Hormone and Metabolic Research</i> , 1999 , 31, 597-601	3.1	24
173	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
172	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
171	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> , 1997 , 105, 487-95	2.2	21
170	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> , 2001 , 3, 203-8	6.7	21
169	Long-term increased carnitine palmitoyltransferase 1A expression in ventromedial hypothalamus causes hyperphagia and alters the hypothalamic lipidomic profile. <i>PLoS ONE</i> , 2014 , 9, e97195	3.7	19
168	Oleoyl-estrone does not have direct estrogenic effects on rats. <i>Life Sciences</i> , 2001 , 69, 749-61	6.8	19
167	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> , 2014 , 9, e90995	3.7	19
166	Effect of a cafeteria diet on energy intake and balance in Wistar rats. <i>Physiology and Behavior</i> , 1994 , 56, 65-71	3.5	18
165	Individual amino acid balances in young lean and obese Zucker rats fed a cafeteria diet. <i>Molecular and Cellular Biochemistry</i> , 1993 , 121, 45-58	4.2	18
164	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
163	Structural determinants of oleoyl-estrone slimming effects. <i>Life Sciences</i> , 1998 , 62, 1349-59	6.8	17

162	Zucker obese rats are insensitive to the CRH-increasing effect of oleoyl-estrone. <i>Brain Research Bulletin</i> , 1998 , 46, 529-34	3.9	16
161	Short-term oleoyl-estrone treatment affects capacity to manage lipids in rat adipose tissue. <i>BMC Genomics</i> , 2007 , 8, 292	4.5	16
160	Oleoyl-estrone treatment activates apoptotic mechanisms in white adipose tissue. <i>Life Sciences</i> , 2007 , 80, 293-8	6.8	16
159	Rats treated with oleoyl-oestrone maintain glucidic homeostasis: comparisons with a pair-fed model. <i>British Journal of Nutrition</i> , 2005 , 94, 738-45	3.6	16
158	Modulation of corticosterone availability to white adipose tissue of lean and obese Zucker rats by corticosteroid-binding globulin. <i>Hormone and Metabolic Research</i> , 2001 , 33, 407-11	3.1	16
157	Effect of dietary protein content on tissue protein synthesis rates in Zucker lean rats. <i>Nutrition Research</i> , 1999 , 19, 1017-1026	4	16
156	Lipid synthesis: a thermogenic mechanism in cold-exposed Zucker fa/fa rats. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1993 , 105, 369-76		16
155	Carrier-mediated uptake of L-(+)-lactate in plasma membrane vesicles from rat liver. <i>FEBS Letters</i> , 1988 , 235, 224-8	3.8	16
154	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
153	Changes-induced in liver and muscle glycogen and glycogen enzymes by 24-hour fasting in the rat. <i>Hormone and Metabolic Research</i> , 1980 , 12, 19-22	3.1	16
152	Glycerol Production from Glucose and Fructose by 3T3-L1 Cells: A Mechanism of Adipocyte Defense from Excess Substrate. <i>PLoS ONE</i> , 2015 , 10, e0139502	3.7	15
151	Corticosteroid-binding globulin synthesis and distribution in rat white adipose tissue. <i>Molecular and Cellular Biochemistry</i> , 2001 , 228, 25-31	4.2	15
150	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> , 2017 , 5, e3697	3.1	15
149	Modulation of SHBG binding to testosterone and estradiol by sex and morbid obesity. <i>European Journal of Endocrinology</i> , 2017 , 176, 393-404	6.5	14
148	Altered nitrogen balance and decreased urea excretion in male rats fed cafeteria diet are related to arginine availability. <i>BioMed Research International</i> , 2014 , 2014, 959420	3	14
147	Technical note: Measurement of total estrone content in foods. Application to dairy products. <i>Journal of Dairy Science</i> , 2004 , 87, 2331-6	4	14
146	Leptin enhances the synthesis of oleoyl-estrone from estrone in white adipose tissue. <i>European Journal of Nutrition</i> , 1999 , 38, 99-104	5.2	14
145	Effect of cold exposure on organ temperatures in Wistar and Zuker fa/fa rat. <i>Journal of Thermal Biology</i> , 1992 , 17, 83-88	2.9	14

144	Na ⁺ -dependent alanine transport in plasma membrane vesicles from late-pregnant rat livers. <i>Pediatric Research</i> , 1989 , 26, 448-51	3.2	14
143	Effects of chronic ethanol ingestion on circulating metabolites and liver composition in the lactating rat. <i>General Pharmacology</i> , 1986 , 17, 197-202		14
142	Short-term oral oleoyl-estrone treatment increases plasma cholesterol turnover in the rat. <i>International Journal of Obesity</i> , 2005 , 29, 534-9	5.5	13
141	Effects of oleoyl-estrone with dexfenfluramine, sibutramine or phentermine on overweight rats. <i>European Journal of Pharmacology</i> , 2005 , 513, 243-8	5.3	13
140	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> , 2000 , 11, 530-535	6.3	13
139	Intestinal handling of an oral oleoyl-estrone gavage by the rat. <i>Life Sciences</i> , 2001 , 69, 763-77	6.8	13
138	Muscle amino acid pattern in obese rats. <i>International Journal of Obesity</i> , 1997 , 21, 698-703	5.5	12
137	Leptin. <i>Medicinal Research Reviews</i> , 1997 , 17, 225-34	14.4	12
136	Hind leg heat balance in obese Zucker rats during exercise. <i>Pflugers Archiv European Journal of Physiology</i> , 1998 , 435, 454-64	4.6	12
135	Corticosterone binding to tissues of adrenalectomized lean and obese Zucker rats. <i>Hormone and Metabolic Research</i> , 1998 , 30, 699-704	3.1	12
134	Changes in glycine and leucine transport during red cell maturation in the rat. <i>Bioscience Reports</i> , 1990 , 10, 209-16	4.1	12
133	Cationic and anionic amino acid transport studies in rat red blood cells. <i>Bioscience Reports</i> , 1990 , 10, 527-35	4.1	12
132	Effects of chronic ethanol treatment on amino acid uptake and enzyme activities in the lactating rat mammary gland. <i>Life Sciences</i> , 1987 , 40, 1745-9	6.8	12
131	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
130	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
129	Marked increase in rat red blood cell membrane protein glycosylation by one-month treatment with a cafeteria diet. <i>PeerJ</i> , 2015 , 3, e1101	3.1	12
128	Effect of cold-exposure on rat organ blood flows. <i>Archives Internationales De Physiologie, De Biochimie Et De Biophysique</i> , 1994 , 102, 55-9		11
127	Effect of food deprivation and refeeding on rat organ temperatures. <i>Archives Internationales De Physiologie, De Biochimie Et De Biophysique</i> , 1992 , 100, 207-11		11

126	Altered ultrastructure of lactating rat mammary epithelial cells induced by chronic ethanol ingestion. <i>Alcoholism: Clinical and Experimental Research</i> , 1989 , 13, 128-36	3.7	11
125	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
124	Arginase activity during pregnancy and lactation. <i>Hormone and Metabolic Research</i> , 1984 , 16, 468-70	3.1	11
123	Short-term handling of the slimming agent oleoyl-estrone in liposomes (Merlin-2) by the rat. <i>Molecular and Cellular Biochemistry</i> , 1997 , 177, 153-7	4.2	10
122	Effects of oral estrone on rat energy balance. <i>Steroids</i> , 2005 , 70, 667-72	2.8	10
121	Oleoyl-estrone lowers the body weight of both ob/ob and db/db mice. <i>Hormone and Metabolic Research</i> , 2000 , 32, 246-50	3.1	10
120	Cooling rates of tissue samples during freezing with liquid nitrogen. <i>Journal of Proteomics</i> , 1993 , 27, 77-86		10
119	Hepatic uptake of gluconeogenic substrates in late-pregnant and mid-lactating rats. <i>Bioscience Reports</i> , 1987 , 7, 587-92	4.1	10
118	Changes induced in rat plasma composition by lactation. <i>Archives Internationales De Physiologie Et De Biochimie</i> , 1982 , 90, 185-90		10
117	Quantitative analysis of rat adipose tissue cell recovery, and non-fat cell volume, in primary cell cultures. <i>PeerJ</i> , 2016 , 4, e2725	3.1	10
116	The urea cycle of rat white adipose tissue. <i>RSC Advances</i> , 2015 , 5, 93403-93414	3.7	9
115	3-Hydroxybutyrate inhibits noradrenaline-induced thermogenesis in lean but not in obese Zucker rats. <i>International Journal of Obesity</i> , 1998 , 22, 734-40	5.5	9
114	Zucker obese rats store less acyl-estrone than lean controls. <i>International Journal of Obesity</i> , 2003 , 27, 428-32	5.5	9
113	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> , 2001 , 40, 155-60	5.2	9
112	Modulation by leptin, insulin and corticosterone of oleoyl-estrone synthesis in cultured 3T3 L1 cells. <i>Bioscience Reports</i> , 2001 , 21, 755-63	4.1	9
111	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
110	Effect of food deprivation on rat plasma estrone fatty acid esters. <i>Diabetes, Obesity and Metabolism</i> , 1999 , 1, 353-6	6.7	9
109	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> , 1999 , 197, 109-15	4.2	9

108	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> , 1994 , 7, 117-29	3.4	9
107	Fatty acid utilization by young Wistar rats fed a cafeteria diet. <i>Molecular and Cellular Biochemistry</i> , 1992 , 118, 67-74	4.2	9
106	Plasma amino-acid concentrations during development in the rat. <i>Archives Internationales De Physiologie Et De Biochimie</i> , 1980 , 88, 443-52		9
105	Modulation of rat liver urea cycle and related ammonium metabolism by sex and cafeteria diet. <i>RSC Advances</i> , 2016 , 6, 11278-11288	3.7	8
104	Oleoyl-estrone is a precursor of an estrone-derived penderostat signal. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2011 , 124, 99-111	5.1	8
103	During intense exercise, obese women rely more than lean women on aerobic energy. <i>Pflugers Archiv European Journal of Physiology</i> , 1998 , 435, 495-502	4.6	8
102	Anomalous lipoproteins in obese Zucker rats. <i>Diabetes, Obesity and Metabolism</i> , 2001 , 3, 259-70	6.7	8
101	Effect of adrenalectomy on the slimming activity of liposome-carried oleoyl-estrone in the rat. <i>International Journal of Obesity</i> , 1998 , 22, 1225-30	5.5	8
100	Water balance in Zucker obese rats. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1993 , 104, 813-8		8
99	Blood amino acid compartmentalization during pregnancy and lactation in the rat. <i>Annals of Nutrition and Metabolism</i> , 1986 , 30, 58-65	4.5	8
98	Glycogen and glycogen enzymes in the liver and striated muscle of rats under altered thyroid states. <i>Hormone and Metabolic Research</i> , 1982 , 14, 179-82	3.1	8
97	Modulation of Food Intake by Differential TAS2R Stimulation in Rat. <i>Nutrients</i> , 2020 , 12,	6.7	8
96	Oleoyl-estrone does not alter hypothalamic neuropeptide Y in Zucker lean and obese rats. <i>Peptides</i> , 1998 , 19, 1631-5	3.8	7
95	Dietary oleoyl-estrone delays the growth rate of young rats. <i>European Journal of Nutrition</i> , 2001 , 40, 17-22	5.2	7
94	Methodological evaluation of indirect calorimetry data in lean and obese rats. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1993 , 20, 731-42	3	7
93	The thermogenic effect of a sucrose gavage on the fa/fa rat. <i>Nutrition Research</i> , 1989 , 9, 1407-1413	4	7
92	Alanine turnover rate and its hepatic metabolism are increased in midpregnant rat. <i>Neonatology</i> , 1988 , 54, 126-32	4	7
91	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

90	The use of Transwells improves the rates of differentiation and growth of cultured 3T3L1 cells. <i>Analytical and Bioanalytical Chemistry</i> , 2013 , 405, 5605-10	4.4	6
89	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> , 1998 , 66, 165-9	5.1	6
88	Changes in UCP expression in tissues of Zucker rats fed diets with different protein content. <i>Journal of Physiology and Biochemistry</i> , 2002 , 58, 135-41	5	6
87	Differential short-term distribution of estrone and oleoyl-estrone administered in liposomes to lean and obese Zucker rats. <i>Obesity</i> , 1998 , 6, 34-9		6
86	Treadmill chamber for studies of respiratory gas exchange in the rat during exercise. <i>Archives of Physiology and Biochemistry</i> , 1995 , 103, 175-86	2.2	6
85	Intestinal and hepatic nitrogen balance in the rat after the administration of an oral protein load. <i>British Journal of Nutrition</i> , 1993 , 69, 733-42	3.6	6
84	Steroid hormones and the control of body weight. <i>Medicinal Research Reviews</i> , 1993 , 13, 623-31	14.4	6
83	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
82	Plasma Amino Acids in Hypothyroid and Hyperttyroid Rats. <i>Hormone and Metabolic Research</i> , 1981 , 13, 38-41	3.1	6
81	Glutamine synthetase activity in rat tissues during pregnancy and lactation. <i>Hormone and Metabolic Research</i> , 1982 , 14, 419-21	3.1	6
80	Effect of sex and prior exposure to a cafeteria diet on the distribution of sex hormones between plasma and blood cells. <i>PLoS ONE</i> , 2012 , 7, e34381	3.7	6
79	Effects of sex and site on amino acid metabolism enzyme gene expression and activity in rat white adipose tissue. <i>PeerJ</i> , 2015 , 3, e1399	3.1	6
78	The Food Energy/Protein Ratio Regulates the Rat Urea Cycle but Not Total Nitrogen Losses. <i>Nutrients</i> , 2019 , 11,	6.7	5
77	Dietary Energy Partition: The Central Role of Glucose. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	5
76	A method for the measurement of lactate, glycerol and fatty acid production from 14C-glucose in primary cultures of rat epididymal adipocytes. <i>Analytical Methods</i> , 2016 , 8, 7873-7885	3.2	5
75	Oleoyl-estrone. <i>Medicinal Research Reviews</i> , 2012 , 32, 1263-91	14.4	5
74	Regulation of ammonia-metabolizing enzymes expression in the liver of obese rats: differences between genetic and nutritional obesities. <i>International Journal of Obesity</i> , 1997 , 21, 681-5	5.5	5
73	Increased leptin production in vivo and insulin cleavage by the omental adipose tissue of morbidly obese patients. <i>Clinical Endocrinology</i> , 1998 , 48, 181-5	3.4	5

72	The administration of oleoyl-estrone to lactating dams induces selective changes in the normal growth pattern of their pups. <i>Hormone and Metabolic Research</i> , 2007 , 39, 582-8	3.1	5
71	Short-term effects of a hypocaloric diet on nitrogen excretion in morbid obese women. <i>European Journal of Clinical Nutrition</i> , 2001 , 55, 186-91	5.2	5
70	Lipoprotein lipase and cholesterol transfer activities of lean and obese Zucker rats. <i>Hormone and Metabolic Research</i> , 2001 , 33, 458-62	3.1	5
69	Muscle blood flow during intense exercise in the obese rat. <i>Archives of Physiology and Biochemistry</i> , 1996 , 104, 337-43	2.2	5
68	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
67	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
66	Modulation in Wistar rats of blood corticosterone compartmentation by sex and a cafeteria diet. <i>PLoS ONE</i> , 2013 , 8, e57342	3.7	5
65	Effect of sex on glucose handling by adipocytes isolated from rat subcutaneous, mesenteric and perigonadal adipose tissue. <i>PeerJ</i> , 2018 , 6, e5440	3.1	5
64	Higher lactate production from glucose in cultured adipose nucleated stromal cells than for rat adipocytes. <i>Adipocyte</i> , 2019 , 8, 61-76	3.2	4
63	Insulin Controls Triacylglycerol Synthesis through Control of Glycerol Metabolism and Despite Increased Lipogenesis. <i>Nutrients</i> , 2019 , 11,	6.7	4
62	Use of C-glucose by primary cultures of mature rat epididymal adipocytes. Marked release of lactate and glycerol, but limited lipogenesis in the absence of external stimuli. <i>Adipocyte</i> , 2018 , 7, 204-217	3.2	4
61	Effect of oral oleoyl-estrone on the energy balance of diabetic rats. <i>Hormone and Metabolic Research</i> , 2003 , 35, 471-8	3.1	4
60	Tamoxifen does not prevent the mobilization of body lipids elicited by oleoyl-estrone. <i>Steroids</i> , 2004 , 69, 661-5	2.8	4
59	Urinary free cortisol excretion pattern in morbid obese women. <i>Endocrine Research</i> , 2001 , 27, 261-8	1.9	4
58	The hepatic amino acid system A transport activity, is up-regulated in obese Zucker rats. <i>Journal of Nutritional Biochemistry</i> , 1999 , 10, 716-22	6.3	4
57	Estrogen effects on blood amino acid compartmentation. <i>Life Sciences</i> , 1995 , 57, 1589-97	6.8	4
56	Splanchnic amino acid pattern in genetic and dietary obesity in the rat. <i>Molecular and Cellular Biochemistry</i> , 1994 , 139, 11-9	4.2	4
55	The effect of cafeteria feeding on energy balance in lean and obese zucker rats. <i>Nutrition Research</i> , 1994 , 14, 1077-1088	4	4

54	L-alanine transport in small intestine brush-border membrane vesicles of obese rats. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1994 , 1192, 159-66	3.8	4
53	Hind leg muscle amino acid balances in cold-exposed rats. <i>Molecular and Cellular Biochemistry</i> , 1994 , 130, 149-57	4.2	4
52	Distribution of oleyl-anilide hydrolysing activity in rat and human tissues. <i>Toxicology</i> , 1993 , 80, 131-9	4.4	4
51	Alanine uptake by liver of mid-lactating rats. <i>Metabolism: Clinical and Experimental</i> , 1993 , 42, 1109-15	12.7	4
50	Free amino acid pools in some tissues of the pregnant rat. <i>Hormone and Metabolic Research</i> , 1986 , 18, 590-4	3.1	4
49	Sulphur amino acid levels in some tissues of the rat during pregnancy and lactation. <i>Annals of Nutrition and Metabolism</i> , 1987 , 31, 47-54	4.5	4
48	Variations in free amino acids in tissues of rats from birth to puberty. <i>Annals of Nutrition and Metabolism</i> , 1987 , 31, 211-8	4.5	4
47	Insulin degradation by adipose tissue is increased in human obesity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1995 , 80, 693-695	5.6	4
46	The Anomeric Nature of Glucose and Its Implications on Its Analyses and the Influence of Diet: Are Routine Glycaemia Measurements Reliable Enough?. <i>Journal of Endocrinology and Metabolism</i> , 2019 , 9, 63-70	2.8	4
45	Influence of a hyperlipidic diet on the composition of the non-membrane lipid pool of red blood cells of male and female rats. <i>PeerJ</i> , 2015 , 3, e1083	3.1	4
44	Unconnected Body Accrual of Dietary Lipid and Protein in Rats Fed Diets with Different Lipid and Protein Content. <i>Molecular Nutrition and Food Research</i> , 2020 , 64, e2000265	5.9	3
43	White adipose tissue urea cycle activity is not affected by one-month treatment with a hyperlipidic diet in female rats. <i>Food and Function</i> , 2016 , 7, 1554-63	6.1	3
42	Purging behavior modulates the relationships of hormonal and behavioral parameters in women with eating disorders. <i>Neuropsychobiology</i> , 2013 , 67, 230-40	4	3
41	Lactate-bicarbonate interrelationship during exercise and recovery in lean and obese Zucker rats. <i>International Journal of Obesity</i> , 1997 , 21, 333-9	5.5	3
40	Oleoyl-estrone treatment to late pregnant and mid-lactating rats affects the expression of lipid metabolism genes. <i>Lipids</i> , 2007 , 42, 827-33	1.6	3
39	Different uptake and handling of oleoyl-estrone by fetuses and neonatal rats. <i>Hormone and Metabolic Research</i> , 2007 , 39, 278-81	3.1	3
38	Ammonium uptake and urea production in hepatocytes from lean and obese Zucker rats. <i>Molecular and Cellular Biochemistry</i> , 1999 , 200, 163-7	4.2	3
37	An enzymatic method for the estimation of L-leucine in rat blood. <i>Journal of Proteomics</i> , 1992 , 24, 39-44		3

36	Changes in alanine and glutamine transport during rat red blood cell maturation. <i>Bioscience Reports</i> , 1992 , 12, 47-56	4.1	3
35	Essential amino acid splanchnic bed exchanges in the rat: effects of pregnancy and food deprivation. <i>Biochemical Society Transactions</i> , 1986 , 14, 1074-1075	5.1	3
34	Development of the gestational plasma hypoaminoacidemia in the rat. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1986 , 85, 735-8		3
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23	Estradiol Determine Liver Lipid Deposition in Ratsfed Standard Diets Unbalanced with Excess Lipid or Protein		2
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