

Montserrat Esteve RÃ fols

List of Publications by Year in descending order

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64
papers

1,101
citations

393982

19
h-index

454577

30
g-index

65
all docs

65
docs citations

65
times ranked

997
citing authors

#	ARTICLE	IF	CITATIONS
1	Tejido adiposo: heterogeneidad celular y diversidad funcional. <i>Endocrinología Y Nutricion: Organo De La Sociedad Espanola De Endocrinología Y Nutricion</i> , 2014, 61, 100-112.	0.8	142
2	Adipose tissue: Cell heterogeneity and functional diversity. <i>Endocrinología Y Nutrición (English)</i> Tj ETQq0 0 0 rgBTj Overlock 10 Tf 50 0.5 78	0.5	78
3	Mechanisms Underlying Biological Effects of Cruciferous Glucosinolate-Derived Isothiocyanates/Indoles: A Focus on Metabolic Syndrome. <i>Frontiers in Nutrition</i> , 2020, 7, 111.	1.6	65
4	Daily Oral Oleoyl-Estrone Gavage Induces a Dose-Dependent Loss of Fat in Wistar Rats. <i>Obesity</i> , 2001, 9, 202-209.	4.0	45
5	Oleoyl-estrone treatment affects the ponderostat setting differently in lean and obese Zucker rats. <i>International Journal of Obesity</i> , 1999, 23, 366-373.	1.6	44
6	Whole-rat protein content estimation: applicability of the N × 6.25 factor. <i>British Journal of Nutrition</i> , 1994, 72, 199-209.	1.2	33
7	Effect of oral oleoyl-estrone on adipose tissue composition in male rats. <i>International Journal of Obesity</i> , 2002, 26, 1092-1102.	1.6	33
8	Semiquantitative RT-PCR measurement of gene expression in rat tissues including a correction for varying cell size and number. <i>Nutrition and Metabolism</i> , 2007, 4, 26.	1.3	31
9	Distribution of Oleoyl-Estrone in Rat Plasma Lipoproteins. <i>Hormone and Metabolic Research</i> , 1999, 31, 597-601.	0.7	28
10	Modulation of SHBG binding to testosterone and estradiol by sex and morbid obesity. <i>European Journal of Endocrinology</i> , 2017, 176, 393-404.	1.9	27
11	Different modulation by dietary restriction of adipokine expression in white adipose tissue sites in the rat. <i>Cardiovascular Diabetology</i> , 2009, 8, 42.	2.7	24
12	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, 203-208.	2.2	23
13	Antioxidant effects of a grapeseed procyanidin extract and oleoyl-estrone in obese Zucker rats. <i>Nutrition</i> , 2011, 27, 1172-1176.	1.1	23
14	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.	1.1	21
15	Individual amino acid balances in young lean and obese Zucker rats fed a cafeteria diet. <i>Molecular and Cellular Biochemistry</i> , 1993, 121, 45-57.	1.4	20
16	Lipid synthesis: A thermogenic mechanism in cold-exposed Zucker fa/fa rats. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1993, 105, 369-376.	0.7	20
17	Effect of a cafeteria diet on energy intake and balance in Wistar rats. <i>Physiology and Behavior</i> , 1994, 56, 65-71.	1.0	19
18	Corticosteroid-binding globulin synthesis and distribution in rat white adipose tissue. <i>Molecular and Cellular Biochemistry</i> , 2001, 228, 25-31.	1.4	19

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19	Short-term oleoyl-estrone treatment affects capacity to manage lipids in rat adipose tissue. BMC Genomics, 2007, 8, 292.	1.2	19
20	Structural determinants of oleoyl-estrone slimming effects. Life Sciences, 1998, 62, 1349-1359.	2.0	18
21	Combined effects of oral oleoyl-estrone and limited food intake on body composition of young overweight male rats. International Journal of Obesity, 2006, 30, 1149-1156.	1.6	18
22	Oleoyl-estrone treatment activates apoptotic mechanisms in white adipose tissue. Life Sciences, 2007, 80, 293-298.	2.0	18
23	Rats treated with oleoyl-oestrone maintain glucidic homeostasis: comparisons with a pair-fed model. British Journal of Nutrition, 2005, 94, 738-745.	1.2	16
24	Site-related white adipose tissue lipid-handling response to oleoyl-estrone treatment in overweight male rats. European Journal of Nutrition, 2009, 48, 291-299.	1.8	16
25	Leptin enhances the synthesis of oleoyl-estrone from estrone in white adipose tissue. European Journal of Nutrition, 1999, 38, 99-104.	1.8	15
26	Intestinal handling of an oral oleoyl-estrone gavage by the rat. Life Sciences, 2001, 69, 763-777.	2.0	15
27	Corticosteroid-Binding Globulin is expressed in the adrenal gland and its absence impairs corticosterone synthesis and secretion in a sex-dependent manner. Scientific Reports, 2019, 9, 14018.	1.6	15
28	Decreased OxLDL uptake and cholesterol efflux in THP1 cells elicited by cortisol and by cortisone through 11 β -hydroxysteroid dehydrogenase type 1. Atherosclerosis, 2016, 250, 84-94.	0.4	14
29	Short-term oral oleoyl-estrone treatment increases plasma cholesterol turnover in the rat. International Journal of Obesity, 2005, 29, 534-539.	1.6	13
30	Water balance in Zucker obese rats. Comparative Biochemistry and Physiology A, Comparative Physiology, 1993, 104, 813-818.	0.7	12
31	Effect of food deprivation on rat plasma estrone fatty acid esters. Diabetes, Obesity and Metabolism, 1999, 1, 353-356.	2.2	12
32	Rat splanchnic net oxygen consumption, energy implications.. Journal of Physiology, 1990, 431, 557-569.	1.3	11
33	Oleoyl-Estrone Lowers the Body Weight of Both ob/ob and db/db Mice. Hormone and Metabolic Research, 2000, 32, 246-250.	0.7	11
34	New Roles for Corticosteroid Binding Globulin and Opposite Expression Profiles in Lung and Liver. PLoS ONE, 2016, 11, e0146497.	1.1	11
35	A sensitive direct calorimeter for small mammals. Journal of Proteomics, 1988, 17, 35-42.	2.4	10
36	METHODOLOGICAL EVALUATION OF INDIRECT CALORIMETRY DATA IN LEAN AND OBESE RATS. Clinical and Experimental Pharmacology and Physiology, 1993, 20, 731-742.	0.9	10

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37	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.	1.8	10
38	Oleoyl-estrone is a precursor of an estrone-derived ponderostat signal. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2011, 124, 99-111.	1.2	10
39	Fatty acid utilization by young Wistar rats fed a cafeteria diet. <i>Molecular and Cellular Biochemistry</i> , 1992, 118, 67-74.	1.4	9
40	Effect of adrenalectomy on the slimming activity of liposome-carried oleoyl-estrone in the rat. <i>International Journal of Obesity</i> , 1998, 22, 1225-1230.	1.6	9
41	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, 109-115.	1.4	9
42	Modulation by Leptin, Insulin and Corticosterone of Oleoyl-estrone Synthesis in Cultured 3T3 L1 Cells. <i>Bioscience Reports</i> , 2001, 21, 755-763.	1.1	9
43	Efficacy, cost-utility and physiological effects of Acceptance and Commitment Therapy (ACT) and Behavioural Activation Treatment for Depression (BATD) in patients with chronic low back pain and depression: study protocol of a randomised, controlled trial including mobile-technology-based ecological momentary assessment (IMPACT study). <i>BMI Open</i> , 2020, 10, e038107.	0.8	9
44	Differential effects of grape-seed derived procyanidins on adipocyte differentiation markers in different in vivo situations. <i>Genes and Nutrition</i> , 2007, 2, 101-103.	1.2	8
45	Oleoyl-oestrone inhibits lipogenic, but maintains thermogenic, gene expression of brown adipose tissue in overweight rats. <i>Bioscience Reports</i> , 2009, 29, 237-243.	1.1	8
46	Gene expression modulation of liver energy metabolism by oleoyl-oestrone in overweight rats. <i>Bioscience Reports</i> , 2010, 30, 81-89.	1.1	8
47	The thermogenic effect of a sucrose gavage on the fa/fa rat. <i>Nutrition Research</i> , 1989, 9, 1407-1413.	1.3	7
48	Intestinal and hepatic nitrogen balance in the rat after the administration of an oral protein load. <i>British Journal of Nutrition</i> , 1993, 69, 733-742.	1.2	6
49	Altered lipid partitioning and glucocorticoid availability in CBG-deficient male mice with diet-induced obesity. <i>Obesity</i> , 2016, 24, 1677-1686.	1.5	6
50	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, 681-685.	1.6	5
51	The conjugated linoleic acid ester of estrone induces the mobilisation of fat in male Wistar rats. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2007, 375, 283-290.	1.4	5
52	Modulation in Wistar Rats of Blood Corticosterone Compartmentation by Sex and a Cafeteria Diet. <i>PLoS ONE</i> , 2013, 8, e57342.	1.1	5
53	The effect of cafeteria feeding on energy balance in lean and obese zucker rats. <i>Nutrition Research</i> , 1994, 14, 1077-1088.	1.3	4
54	Oleoyl-estrone increases adrenal corticosteroid synthesis gene expression in overweight male rats. <i>Steroids</i> , 2010, 75, 20-26.	0.8	4

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55	Hepatic and visceral adipose tissue 11 β HSD1 expressions are markers of body weight loss after bariatric surgery. <i>Obesity</i> , 2015, 23, 1856-1863.	1.5	4
56	Data related to inflammation and cholesterol deposition triggered by macrophages exposition to modified LDL. <i>Data in Brief</i> , 2016, 8, 251-257.	0.5	3
57	Analysis of ultradian heat production and aortic core temperature rhythms in the rat. <i>Archives Internationales De Physiologie, De Biochimie Et De Biophysique</i> , 1993, 101, 117-122.	0.1	2
58	Gene expression modulation of rat liver cholesterol metabolism by oleoyl-estrone. <i>Obesity Research and Clinical Practice</i> , 2010, 4, e57-e64.	0.8	2
59	Corticosteroid-binding-globulin (CBG)-deficient mice show high pY216-GSK3 β and phosphorylated-Tau levels in the hippocampus. <i>PLoS ONE</i> , 2021, 16, e0246930.	1.1	2
60	Effect of genetic and dietary obesity on sulphur management by the rat. <i>Nutrition Research</i> , 1993, 13, 825-830.	1.3	1
61	Effect of genetic and dietary obesity on sodium, potassium, calcium and magnesium handling by the rat. <i>International Journal of Food Sciences and Nutrition</i> , 1994, 45, 191-201.	1.3	1
62	L-Alanine uptake by frog (<i>Rana esculenta</i>) red blood cells. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1997, 118, 631-635.	0.7	1
63	Dietary sucrose supplementation fails to modify fat deposition in lean or obese rats. <i>Archives Internationales De Physiologie, De Biochimie Et De Biophysique</i> , 1992, 100, 137-142.	0.1	0
64	Potenciación de la respuesta insulínica a una sobrecarga oral de glucosa en ratas Zucker obesas tratadas con oleoil-estrone. <i>Endocrinología Y Nutricion: Órgano De La Sociedad Espanola De Endocrinología Y Nutricion</i> , 2002, 49, 9-12.	0.8	0