Montserrat Esteve RÃ fols

List of Publications by Year
in descending order

64	1,101	393982	454577
papers	citations	19 h-index	30 g-index

65	65	65	997
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Corticosteroid-binding-globulin (CBG)-deficient mice show high pY216-GSK3Î² and phosphorylated-Tau levels in the hippocampus. PLoS ONE, 2021, 16, e0246930.	1.1	2
2	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). BMJ Open, 2020, 10, e038107.	0.8	9
3	Mechanisms Underlying Biological Effects of Cruciferous Glucosinolate-Derived Isothiocyanates/Indoles: A Focus on Metabolic Syndrome. Frontiers in Nutrition, 2020, 7, 111.	1.6	65
4	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
5	Modulation of SHBG binding to testosterone and estradiol by sex and morbid obesity. European Journal of Endocrinology, 2017, 176, 393-404.	1.9	27
6	New Roles for Corticosteroid Binding Globulin and Opposite Expression Profiles in Lung and Liver. PLoS ONE, 2016, 11, e0146497.	1.1	11
7	Altered lipid partitioning and glucocorticoid availability in CBGâ€deficient male mice with dietâ€induced obesity. Obesity, 2016, 24, 1677-1686.	1.5	6
8	Data related to inflammation and cholesterol deposition triggered by macrophages exposition to modified LDL. Data in Brief, 2016, 8, 251-257.	0.5	3
9	Decreased OxLDL uptake and cholesterol efflux in THP1 cells elicited by cortisol and by cortisone through 11Î²-hydroxysteroid dehydrogenase type 1. Atherosclerosis, 2016, 250, 84-94.	0.4	14
10	Hepatic and visceral adipose tissue 11Î²<scp>HSD</scp>1 expressions are markers of body weight loss after bariatric surgery. Obesity, 2015, 23, 1856-1863.	1.5	4
11	Tejido adiposo: heterogeneidad celular y diversidad funcional. Endocrinologia Y Nutricion: Organo De La Sociedad Espanola De Endocrinologia Y Nutricion, 2014, 61, 100-112.	0.8	142
12	Adipose tissue: Cell heterogeneity and functional diversity. EndocrinologÃa Y NutriciÃ³n (English) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.5	78
13	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. PLoS ONE, 2014, 9, e90995.	1.1	21
14	Modulation in Wistar Rats of Blood Corticosterone Compartmentation by Sex and a Cafeteria Diet. PLoS ONE, 2013, 8, e57342.	1.1	5
15	Oleoyl-estrone is a precursor of an estrone-derived ponderostat signal. Journal of Steroid Biochemistry and Molecular Biology, 2011, 124, 99-111.	1.2	10
16	Antioxidant effects of a grapeseed procyanidin extract and oleoyl-estrone in obese Zucker rats. Nutrition, 2011, 27, 1172-1176.	1.1	23
17	Gene expression modulation of liver energy metabolism by oleoyl-oestrone in overweight rats. Bioscience Reports, 2010, 30, 81-89.	1.1	8
18	Gene expression modulation of rat liver cholesterol metabolism by oleoyl-estrone. Obesity Research and Clinical Practice, 2010, 4, e57-e64.	0.8	2

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19	Oleoyl-estrone increases adrenal corticosteroid synthesis gene expression in overweight male rats. Steroids, 2010, 75, 20-26.	0.8	4
20	Oleoyl-oestrone inhibits lipogenic, but maintains thermogenic, gene expression of brown adipose tissue in overweight rats. Bioscience Reports, 2009, 29, 237-243.	1.1	8
21	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
22	Different modulation by dietary restriction of adipokine expression in white adipose tissue sites in the rat. Cardiovascular Diabetology, 2009, 8, 42.	2.7	24
23	Oleoyl-estrone treatment activates apoptotic mechanisms in white adipose tissue. Life Sciences, 2007, 80, 293-298.	2.0	18
24	Semiquantitative RT-PCR measurement of gene expression in rat tissues including a correction for varying cell size and number. Nutrition and Metabolism, 2007, 4, 26.	1.3	31
25	Short-term oleoyl-estrone treatment affects capacity to manage lipids in rat adipose tissue. BMC Genomics, 2007, 8, 292.	1.2	19
26	The conjugated linoleic acid ester of estrone induces the mobilisation of fat in male Wistar rats. Naunyn-Schmiedeberg's Archives of Pharmacology, 2007, 375, 283-290.	1.4	5
27	Differential effects of grape-seed derived procyanidins on adipocyte differentiation markers in different in vivo situations. Genes and Nutrition, 2007, 2, 101-103.	1.2	8
28	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
29	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
30	Short-term oral oleoyl-estrone treatment increases plasma cholesterol turnover in the rat. International Journal of Obesity, 2005, 29, 534-539.	1.6	13
31	PotenciaciÃ³n de la respuesta insulÃnica a una sobrecarga oral de glucosa en ratas Zucker obesas tratadas con oleoil-estrona. Endocrinologia Y Nutricion: Organo De La Sociedad Espanola De Endocrinologia Y Nutricion, 2002, 49, 9-12.	0.8	0
32	Effect of oral oleoyl-estrone on adipose tissue composition in male rats. International Journal of Obesity, 2002, 26, 1092-1102.	1.6	33
33	Intestinal handling of an oral oleoyl-estrone gavage by the rat. Life Sciences, 2001, 69, 763-777.	2.0	15
34	Oral gavage of oleoyl-oestrone has a stronger effect on body weight in male Zucker obese rats than in female. Diabetes, Obesity and Metabolism, 2001, 3, 203-208.	2.2	23
35	Modulation by Leptin, Insulin and Corticosterone of Oleoyl-estrone Synthesis in Cultured 3T3 L1 Cells. Bioscience Reports, 2001, 21, 755-763.	1.1	9
36	Corticosteroid-binding globulin synthesis and distribution in rat white adipose tissue. Molecular and Cellular Biochemistry, 2001, 228, 25-31.	1.4	19

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37	Daily Oral Oleoylâ€Estrone Gavage Induces a Doseâ€Dependent Loss of Fat in Wistar Rats. Obesity, 2001, 9, 202-209.	4.0	45
38	Oleoyl-Estrone Lowers the Body Weight of Bothob/obanddb/dbMice. Hormone and Metabolic Research, 2000, 32, 246-250.	0.7	11
39	Distribution of Oleoyl-Estrone in Rat Plasma Lipoproteins. Hormone and Metabolic Research, 1999, 31, 597-601.	0.7	28
40	Effect of food deprivation on rat plasma estrone fatty acid esters. Diabetes, Obesity and Metabolism, 1999, 1, 353-356.	2.2	12
41	Oleoyl-estrone treatment affects the ponderostat setting differently in lean and obese Zucker rats. International Journal of Obesity, 1999, 23, 366-373.	1.6	44
42	Short-term treatment with estrone oleate in liposomes (Merlin-2) does not affect the expression of the ob gene in Zucker obese rats. Molecular and Cellular Biochemistry, 1999, 197, 109-115.	1.4	9
43	Leptin enhances the synthesis of oleoyl-estrone from estrone in white adipose tissue. European Journal of Nutrition, 1999, 38, 99-104.	1.8	15
44	Structural determinants of oleoyl-estrone slimming effects. Life Sciences, 1998, 62, 1349-1359.	2.0	18
45	Effect of adrenalectomy on the slimming activity of liposome-carried oleoyl-estrone in the rat. International Journal of Obesity, 1998, 22, 1225-1230.	1.6	9
46	Regulation of ammonia-metabolizing enzymes expression in the liver of obese rats: Differences between genetic and nutritional obesities. International Journal of Obesity, 1997, 21, 681-685.	1.6	5
47	l-Alanine uptake by frog (Rana esculenta) red blood cells. Comparative Biochemistry and Physiology A, Comparative Physiology, 1997, 118, 631-635.	0.7	1
48	Effect of genetic and dietary obesity on sodium, potassium, calcium and magnesium handling by the rat. International Journal of Food Sciences and Nutrition, 1994, 45, 191-201.	1.3	1
49	Management of dietary essential metals (iron, copper, zinc, chromium and manganese) by Wistar and Zucker obese rats fed a self-selected high-energy diet. BioMetals, 1994, 7, 117-29.	1.8	10
50	The effect of cafeteria feeding on energy balance in lean and obese zucker rats. Nutrition Research, 1994, 14, 1077-1088.	1.3	4
51	Effect of a cafeteria diet on energy intake and balance in Wistar rats. Physiology and Behavior, 1994, 56, 65-71.	1.0	19
52	Whole-rat protein content estimation: applicability of the N Ã— 6Â·25 factor. British Journal of Nutrition, 1994, 72, 199-209.	1.2	33
53	Individual amino acid balances in young lean and obese Zucker rats fed a cafeteria diet. Molecular and Cellular Biochemistry, 1993, 121, 45-57.	1.4	20
54	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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55	Water balance in zucker obese rats. Comparative Biochemistry and Physiology A, Comparative Physiology, 1993, 104, 813-818.	0.7	12
56	Lipid synthesis: A thermogenic mechanism in cold-exposed zucker fa/fa rats. Comparative Biochemistry and Physiology A, Comparative Physiology, 1993, 105, 369-376.	0.7	20
57	Analysis of ultradian heat production and aortic core temperature rhythms in the rat. Archives Internationales De Physiologie, De Biochimie Et De Biophysique, 1993, 101, 117-122.	0.1	2
58	Effect of genetic and dietary obesity on sulphur management by the rat. Nutrition Research, 1993, 13, 825-830.	1.3	1
59	Intestinal and hepatic nitrogen balance in the rat after the administration of an oral protein load. British Journal of Nutrition, 1993, 69, 733-742.	1.2	6
60	Dietary sucrose supplementation fails to modify fat deposition in lean or obese rats. Archives Internationales De Physiologie, De Biochimie Et De Biophysique, 1992, 100, 137-142.	0.1	0
61	Fatty acid utilization by young Wistar rats fed a cafeteria diet. Molecular and Cellular Biochemistry, 1992, 118, 67-74.	1.4	9
62	Rat splanchnic net oxygen consumption, energy implications.. Journal of Physiology, 1990, 431, 557-569.	1.3	11
63	The thermogenic effect of a sucrose gavage on the fa/fa rat. Nutrition Research, 1989, 9, 1407-1413.	1.3	7
64	A sensitive direct calorimeter for small mammals. Journal of Proteomics, 1988, 17, 35-42.	2.4	10