# Maria J Moreno-Aliaga

## List of Publications by Year in Descending Order



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| 133 papers | 4,364 citations | 38 h-index | 60 g-index |
| 144 ext. papers | 4,956 ext. citations | 5.6 avg, IF | 5.5 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 133 | High Prevalence of Insulin Resistance in Asymptomatic Patients with Acute Intermittent Porphyria and Liver-Targeted Insulin as a Novel Therapeutic Approach. *Biomedicines*, **2021**, 9, | 4.8 | 2 |
| 132 | Changes in brown adipose tissue lipid mediator signatures with aging, obesity, and DHA supplementation in female mice. *FASEB Journal*, **2021**, 35, e21592 | 0.9 | 3 |
| 131 | Effects of DHA-Rich n-3 Fatty Acid Supplementation and/or Resistance Training on Body Composition and Cardiometabolic Biomarkers in Overweight and Obese Post-Menopausal Women. *Nutrients*, **2021**, 13, | 6.7 | 4 |
| 130 | Maresin 1 regulates insulin signaling in human adipocytes as well as in adipose tissue and muscle of lean and obese mice. *Journal of Physiology and Biochemistry*, **2021**, 77, 167-173 | 5 | 5 |
| 129 | Endogenous Retroelement Activation by Epigenetic Therapy Reverses the Warburg Effect and Elicits Mitochondrial-Mediated Cancer Cell Death. *Cancer Discovery*, **2021**, 11, 1268-1285 | 24.4 | 10 |
| 128 | Effects of Long-Term DHA Supplementation and Physical Exercise on Non-Alcoholic Fatty Liver Development in Obese Aged Female Mice. *Nutrients*, **2021**, 13, | 6.7 | 4 |
| 127 | Effect of aging and obesity on GLUT12 expression in small intestine, adipose tissue, muscle, and kidney and its regulation by docosahexaenoic acid and exercise in mice. *Applied Physiology, Nutrition and Metabolism*, **2020**, 45, 957-967 | 3 | 2 |
| 126 | Reporting Guidelines, Review of Methodological Standards, and Challenges Toward Harmonization in Bone Marrow Adiposity Research. Report of the Methodologies Working Group of the International Bone Marrow Adiposity Society. *Frontiers in Endocrinology*, **2020**, 11, 65 | 5.7 | 21 |
| 125 | DHA and its derived lipid mediators MaR1, RvD1 and RvD2 block TNF-□nhibition of intestinal sugar and glutamine uptake in Caco-2 cells. *Journal of Nutritional Biochemistry*, **2020**, 76, 108264 | 6.3 | 5 |
| 124 | Omega-3 fatty acids as regulators of brown/beige adipose tissue: from mechanisms to therapeutic potential. *Journal of Physiology and Biochemistry*, **2020**, 76, 251-267 | 5 | 11 |
| 123 | Cardiotrophin-1 contributes to metabolic adaptations through the regulation of lipid metabolism and to the fasting-induced fatty acid mobilization. *FASEB Journal*, **2020**, 34, 15875-15887 | 0.9 | 1 |
| 122 | Effects of Maresin 1 (MaR1) on Colonic Inflammation and Gut Dysbiosis in Diet-Induced Obese Mice. *Microorganisms*, **2020**, 8, | 4.9 | 5 |
| 121 | n-3 polyunsaturated fatty acids regulate chemerin in cultured adipocytes: role of GPR120 and derived lipid mediators. *Food and Function*, **2020**, 11, 9057-9066 | 6.1 | 1 |
| 120 | Nutrients, Obesity and Gene Expression **2020**, 431-440 | | 3 |
| 119 | Oxidative Stress and Non-Alcoholic Fatty Liver Disease: Effects of Omega-3 Fatty Acid Supplementation. *Nutrients*, **2019**, 11, | 6.7 | 88 |
| 118 | GLUT12 and adipose tissue: Expression, regulation and its relation with obesity in mice. *Acta Physiologica*, **2019**, 226, e13283 | 5.6 | 3 |
| 117 | Impact of dietary lipoic acid supplementation on liver mitochondrial bioenergetics and oxidative status on normally fed Wistar rats. *International Journal of Food Sciences and Nutrition*, **2019**, 70, 834-844 | 3.7 | 7 |

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| 116 | DHA Selectively Protects SAMP-8-Associated Cognitive Deficits Through Inhibition of JNK. *Molecular Neurobiology*, **2019**, 56, 1618-1627 | 6.2 | 10 |
| 115 | A Fermented Food Product Containing Lactic Acid Bacteria Protects ZDF Rats from the Development of Type 2 Diabetes. *Nutrients*, **2019**, 11, | 6.7 | 19 |
| 114 | Maresin 1 Regulates Hepatic FGF21 in Diet-Induced Obese Mice and in Cultured Hepatocytes. *Molecular Nutrition and Food Research*, **2019**, 63, e1900358 | 5.9 | 7 |
| 113 | Basolateral presence of the proinflammatory cytokine tumor necrosis factor -and secretions from adipocytes and macrophages reduce intestinal sugar transport. *Journal of Cellular Physiology*, **2019**, 234, 4352-4361 | 7 | 6 |
| 112 | Alpha-Lipoic Acid: A Dietary Supplement With Therapeutic Potential for Obesity and Related Metabolic Diseases **2019**, 85-92 | | 1 |
| 111 | Endoplasmic reticulum stress epigenetics is related to adiposity, dyslipidemia, and insulin resistance. *Adipocyte*, **2018**, 7, 137-142 | 3.2 | 11 |
| 110 | Effects of EPA and lipoic acid supplementation on circulating FGF21 and the fatty acid profile in overweight/obese women following a hypocaloric diet. *Food and Function*, **2018**, 9, 3028-3036 | 6.1 | 8 |
| 109 | Maresin 1 inhibits TNF-alpha-induced lipolysis and autophagy in 3T3-L1 adipocytes. *Journal of Cellular Physiology*, **2018**, 233, 2238-2246 | 7 | 22 |
| 108 | Maresin 1 mitigates liver steatosis in ob/ob and diet-induced obese mice. *International Journal of Obesity*, **2018**, 42, 572-579 | 5.5 | 35 |
| 107 | Untargeted metabolomic on urine samples after lipoic acid and/or eicosapentaenoic acid supplementation in healthy overweight/obese women. *Lipids in Health and Disease*, **2018**, 17, 103 | 4.4 | 10 |
| 106 | Interactions Between Age, Diet, and Insulin and Their Effect on Cognition **2018**, 223-238 | | |
| 105 | Inflammation stimulates hypoxia-inducible factor-1regulatory activity in 3T3-L1 adipocytes with conditioned medium from lipopolysaccharide-activated RAW 264.7 macrophages. *Journal of Cellular Physiology*, **2018**, 234, 550-560 | 7 | 9 |
| 104 | Dual role of protein tyrosine phosphatase 1B in the progression and reversion of non-alcoholic steatohepatitis. *Molecular Metabolism*, **2018**, 7, 132-146 | 8.8 | 13 |
| 103 | Serum and gene expression levels of CT-1, IL-6, and TNF-after a lifestyle intervention in obese children. *Pediatric Diabetes*, **2018**, 19, 217-222 | 3.6 | 19 |
| 102 | EPA blocks TNF-induced inhibition of sugar uptake in Caco-2 cells via GPR120 and AMPK. *Journal of Cellular Physiology*, **2018**, 233, 2426-2433 | 7 | 15 |
| 101 | Determinants of Self-Rated Health Perception in a Sample of a Physically Active Population: PLENUFAR VI Study. *International Journal of Environmental Research and Public Health*, **2018**, 15, | 4.6 | 8 |
| 100 | Inflammation and Oxidative Stress in Adipose Tissue: Nutritional Regulation **2018**, 63-92 | | 2 |
| 99 | Role of cardiotrophin-1 in the regulation of metabolic circadian rhythms and adipose core clock genes in mice and characterization of 24-h circulating CT-1 profiles in normal-weight and overweight/obese subjects. *FASEB Journal*, **2017**, 31, 1639-1649 | 0.9 | 4 |

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| 98 | Maresin 1 improves insulin sensitivity and attenuates adipose tissue inflammation in and diet-induced obese mice. *FASEB Journal*, **2017**, 31, 2135-2145 | 0.9 | 59 |
| 97 | Dietary Determinants of Fat Mass and Body Composition **2017**, 319-382 | | 1 |
| 96 | Differential peripheral blood methylation by α-lipoic acid and EPA supplementation in overweight or obese women during a weight loss program. *Journal of Functional Foods*, **2017**, 36, 178-185 | 5.1 | 1 |
| 95 | Effects of dietary supplementation with EPA and/or α-lipoic acid on adipose tissue transcriptomic profile of healthy overweight/obese women following a hypocaloric diet. *BioFactors*, **2017**, 43, 117-131 | 6.1 | 20 |
| 94 | Cardiotrophin-1 Regulates Adipokine Production in 3T3-L1 Adipocytes and Adipose Tissue From Obese Mice. *Journal of Cellular Physiology*, **2017**, 232, 2469-2477 | 7 | 6 |
| 93 | Role of Omentin, Vaspin, Cardiotrophin-1, TWEAK and NOV/CCN3 in Obesity and Diabetes Development. *International Journal of Molecular Sciences*, **2017**, 18, | 6.3 | 55 |
| 92 | Eicosapentaenoic acid promotes mitochondrial biogenesis and beige-like features in subcutaneous adipocytes from overweight subjects. *Journal of Nutritional Biochemistry*, **2016**, 37, 76-82 | 6.3 | 44 |
| 91 | Role of Omega-3 Fatty Acids in Metabolic Syndrome **2016**, 189-202 | | |
| 90 | FTO Obesity Variant and Adipocyte Browning in Humans. *New England Journal of Medicine*, **2016**, 374, 192-3 | 59.2 | 23 |
| 89 | Lipoic acid improves neuronal insulin signalling and rescues cognitive function regulating VGlut1 expression in high-fat-fed rats: Implications for Alzheimer's disease. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2016**, 1862, 511-517 | 6.9 | 15 |
| 88 | Effects of alpha-lipoic acid on chemerin secretion in 3T3-L1 and human adipocytes. *Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids*, **2016**, 1861, 260-8 | 5 | 8 |
| 87 | Cardiotrophin-1 decreases intestinal sugar uptake in mice and in Caco-2 cells. *Acta Physiologica*, **2016**, 217, 217-26 | 5.6 | 8 |
| 86 | Leptin signaling as a therapeutic target of obesity. *Expert Opinion on Therapeutic Targets*, **2015**, 19, 893-909 | 3.4 | 20 |
| 85 | Omega-3 fatty acids and adipose tissue function in obesity and metabolic syndrome. *Prostaglandins and Other Lipid Mediators*, **2015**, 121, 24-41 | 3.7 | 122 |
| 84 | Circulating irisin and glucose metabolism in overweight/obese women: effects of α-lipoic acid and eicosapentaenoic acid. *Journal of Physiology and Biochemistry*, **2015**, 71, 547-58 | 5 | 38 |
| 83 | An update on the role of omega-3 fatty acids on inflammatory and degenerative diseases. *Journal of Physiology and Biochemistry*, **2015**, 71, 341-9 | 5 | 71 |
| 82 | Essential role of Nrf2 in the protective effect of lipoic acid against lipoapoptosis in hepatocytes. *Free Radical Biology and Medicine*, **2015**, 84, 263-278 | 7.8 | 42 |
| 81 | Cardiotrophin-1: A multifaceted cytokine. *Cytokine and Growth Factor Reviews*, **2015**, 26, 523-32 | 17.9 | 33 |

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| 80 | Leptin resistance and diet-induced obesity: central and peripheral actions of leptin. *Metabolism: Clinical and Experimental*, **2015**, 64, 35-46 | 12.7 | 274 |
| 79 | Supplementation with α-Lipoic Acid Alone or in Combination with Eicosapentaenoic Acid Modulates the Inflammatory Status of Healthy Overweight or Obese Women Consuming an Energy-Restricted Diet. *Journal of Nutrition*, **2015**, 146, 889S-896S | 4.1 | 39 |
| 78 | Differential DNA Methylation in Relation to Age and Health Risks of Obesity. *International Journal of Molecular Sciences*, **2015**, 16, 16816-32 | 6.3 | 34 |
| 77 | Effects of α-lipoic acid and eicosapentaenoic acid in overweight and obese women during weight loss. *Obesity*, **2015**, 23, 313-21 | 8 | 74 |
| 76 | α-Lipoic acid treatment increases mitochondrial biogenesis and promotes beige adipose features in subcutaneous adipocytes from overweight/obese subjects. *Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids*, **2015**, 1851, 273-81 | 5 | 40 |
| 75 | Cardiotrophin-1 eliminates hepatic steatosis in obese mice by mechanisms involving AMPK activation. *Journal of Hepatology*, **2014**, 60, 1017-25 | 13.4 | 47 |
| 74 | Cardiotrophin-1 stimulates lipolysis through the regulation of main adipose tissue lipases. *Journal of Lipid Research*, **2014**, 55, 2634-43 | 6.3 | 16 |
| 73 | α-lipoic acid reduces fatty acid esterification and lipogenesis in adipocytes from overweight/obese subjects. *Obesity*, **2014**, 22, 2210-5 | 8 | 28 |
| 72 | Lipoic acid inhibits adiponectin production in 3T3-L1 adipocytes. *Journal of Physiology and Biochemistry*, **2013**, 69, 595-600 | 5 | 10 |
| 71 | Role of omega-3 fatty acids in obesity, metabolic syndrome, and cardiovascular diseases: a review of the evidence. *Journal of Physiology and Biochemistry*, **2013**, 69, 633-51 | 5 | 274 |
| 70 | Effects of lipoic acid on AMPK and adiponectin in adipose tissue of low- and high-fat-fed rats. *European Journal of Nutrition*, **2013**, 52, 779-87 | 5.2 | 38 |
| 69 | Decreased cardiotrophin-1 levels are associated with a lower risk of developing the metabolic syndrome in overweight/obese children after a weight loss program. *Metabolism: Clinical and Experimental*, **2013**, 62, 1429-36 | 12.7 | 22 |
| 68 | Differential proinflammatory and oxidative stress response and vulnerability to metabolic syndrome in habitual high-fat young male consumers putatively predisposed by their genetic background. *International Journal of Molecular Sciences*, **2013**, 14, 17238-55 | 6.3 | 20 |
| 67 | Antiobesity effects of α-lipoic acid supplementation. *Clinical Lipidology*, **2013**, 8, 371-383 | | 12 |
| 66 | Eicosapentaenoic acid inhibits tumour necrosis factor-α-induced lipolysis in murine cultured adipocytes. *Journal of Nutritional Biochemistry*, **2012**, 23, 218-27 | 6.3 | 25 |
| 65 | Lipoic acid improves mitochondrial function in nonalcoholic steatosis through the stimulation of sirtuin 1 and sirtuin 3. *Obesity*, **2012**, 20, 1974-83 | 8 | 62 |
| 64 | Lipoic acid administration prevents nonalcoholic steatosis linked to long-term high-fat feeding by modulating mitochondrial function. *Journal of Nutritional Biochemistry*, **2012**, 23, 1676-84 | 6.3 | 37 |
| 63 | Effects of lipoic acid on lipolysis in 3T3-L1 adipocytes. *Journal of Lipid Research*, **2012**, 53, 2296-306 | 6.3 | 37 |

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| 62 | Role of cardiotrophin-1 in obesity and insulin resistance. *Adipocyte*, **2012**, 1, 112-115 | 3.2 | 14 |
| 61 | Fat intake leads to differential response of rat adipocytes to glucose, insulin and ascorbic acid. *Experimental Biology and Medicine*, **2012**, 237, 407-16 | 3.7 | 11 |
| 60 | Dietary Determinants of Fat Mass and Body Composition **2012**, 271-315 | | |
| 59 | Cardiotrophin-1 is a key regulator of glucose and lipid metabolism. *Cell Metabolism*, **2011**, 14, 242-53 | 24.6 | 86 |
| 58 | Role of obesity-associated dysfunctional adipose tissue in cancer: a molecular nutrition approach. *Biochimica Et Biophysica Acta - Bioenergetics*, **2011**, 1807, 664-78 | 4.6 | 101 |
| 57 | Orchestrated downregulation of genes involved in oxidative metabolic pathways in obese vs. lean high-fat young male consumers. *Journal of Physiology and Biochemistry*, **2011**, 67, 15-26 | 5 | 10 |
| 56 | Glucose and insulin modify thrombospondin 1 expression and secretion in primary adipocytes from diet-induced obese rats. *Journal of Physiology and Biochemistry*, **2011**, 67, 453-61 | 5 | 12 |
| 55 | Effects of lipoic acid on apelin in 3T3-L1 adipocytes and in high-fat fed rats. *Journal of Physiology and Biochemistry*, **2011**, 67, 479-86 | 5 | 21 |
| 54 | Lipoic acid inhibits leptin secretion and Sp1 activity in adipocytes. *Molecular Nutrition and Food Research*, **2011**, 55, 1059-69 | 5.9 | 31 |
| 53 | Vitamin C modulates the interaction between adipocytes and macrophages. *Molecular Nutrition and Food Research*, **2011**, 55 Suppl 2, S257-63 | 5.9 | 18 |
| 52 | Erythrocyte antioxidant defenses as a potential biomarker of liver mitochondrial status in different oxidative conditions. *Biomarkers*, **2011**, 16, 670-8 | 2.6 | 4 |
| 51 | Cardiotrophin-1: a new player in energy metabolism with potential therapeutic application. *Aging*, **2011**, 3, 698-9 | 5.6 | |
| 50 | Vitamin C inhibits leptin secretion and some glucose/lipid metabolic pathways in primary rat adipocytes. *Journal of Molecular Endocrinology*, **2010**, 45, 33-43 | 4.5 | 28 |
| 49 | A dysregulation in CES1, APOE and other lipid metabolism-related genes is associated to cardiovascular risk factors linked to obesity. *Obesity Facts*, **2010**, 3, 312-8 | 5.1 | 35 |
| 48 | Regulation of adipokine secretion by n-3 fatty acids. *Proceedings of the Nutrition Society*, **2010**, 69, 324-32 | 2.9 | 76 |
| 47 | Eicosapentaenoic acid up-regulates apelin secretion and gene expression in 3T3-L1 adipocytes. *Molecular Nutrition and Food Research*, **2010**, 54 Suppl 1, S104-11 | 5.9 | 39 |
| 46 | Association between leptin receptor (LEPR) and brain-derived neurotrophic factor (BDNF) gene variants and obesity: a case-control study. *Nutritional Neuroscience*, **2009**, 12, 183-8 | 3.6 | 12 |
| 45 | Lipoic acid prevents body weight gain induced by a high fat diet in rats: effects on intestinal sugar transport. *Journal of Physiology and Biochemistry*, **2009**, 65, 43-50 | 5 | 57 |

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| 44 | Down-regulation in muscle and liver lipogenic genes: EPA ethyl ester treatment in lean and overweight (high-fat-fed) rats. *Journal of Nutritional Biochemistry*, **2009**, 20, 705-14 | 6.3 | 33 |
| 43 | Effects of eicosapentaenoic acid ethyl ester on visfatin and apelin in lean and overweight (cafeteria diet-fed) rats. *British Journal of Nutrition*, **2009**, 101, 1059-67 | 3.6 | 53 |
| 42 | Eicosapentaenoic acid stimulates AMP-activated protein kinase and increases visfatin secretion in cultured murine adipocytes. *Clinical Science*, **2009**, 117, 243-9 | 6.5 | 61 |
| 41 | Some cyclin-dependent kinase inhibitors-related genes are regulated by vitamin C in a model of diet-induced obesity. *Biological and Pharmaceutical Bulletin*, **2009**, 32, 1462-8 | 2.3 | 16 |
| 40 | ZAG, a lipid mobilizing adipokine, is downregulated in human obesity. *Journal of Physiology and Biochemistry*, **2008**, 64, 61-6 | 5 | 58 |
| 39 | Differential inflammatory status in rats susceptible or resistant to diet-induced obesity: effects of EPA ethyl ester treatment. *European Journal of Nutrition*, **2008**, 47, 380-6 | 5.2 | 45 |
| 38 | Genetics of obesity. *Public Health Nutrition*, **2007**, 10, 1138-44 | 3.3 | 38 |
| 37 | Differences in short-term metabolic responses to a lipid load in lean (resistant) vs obese (susceptible) young male subjects with habitual high-fat consumption. *European Journal of Clinical Nutrition*, **2007**, 61, 166-74 | 5.2 | 26 |
| 36 | A novel mutation Thr162Arg of the melanocortin 4 receptor gene in a Spanish children and adolescent population. *Clinical Endocrinology*, **2007**, 66, 652-8 | 3.4 | 15 |
| 35 | Predictor factors for childhood obesity in a Spanish case-control study. *Nutrition*, **2007**, 23, 379-84 | 4.8 | 58 |
| 34 | Role of adipogenic and thermogenic genes in susceptibility or resistance to develop diet-induced obesity in rats. *Journal of Physiology and Biochemistry*, **2007**, 63, 317-27 | 5 | 9 |
| 33 | Linoleic acid decreases leptin and adiponectin secretion from primary rat adipocytes in the presence of insulin. *Lipids*, **2007**, 42, 913-20 | 1.6 | 28 |
| 32 | Sp1-mediated transcription is involved in the induction of leptin by insulin-stimulated glucose metabolism. *Journal of Molecular Endocrinology*, **2007**, 38, 537-46 | 4.5 | 34 |
| 31 | Eicosapentaenoic acid actions on adiposity and insulin resistance in control and high-fat-fed rats: role of apoptosis, adiponectin and tumour necrosis factor-alpha. *British Journal of Nutrition*, **2007**, 97, 389-98 | 3.6 | 168 |
| 30 | Association between obesity and insulin resistance with UCP2-UCP3 gene variants in Spanish children and adolescents. *Molecular Genetics and Metabolism*, **2007**, 92, 351-8 | 3.7 | 51 |
| 29 | Conjugated linoleic acid inhibits glucose metabolism, leptin and adiponectin secretion in primary cultured rat adipocytes. *Molecular and Cellular Endocrinology*, **2007**, 268, 50-8 | 4.4 | 43 |
| 28 | Effects of eicosapentaenoic acid (EPA) on adiponectin gene expression and secretion in primary cultured rat adipocytes. *Journal of Physiology and Biochemistry*, **2006**, 62, 61-9 | 5 | 43 |
| 27 | TV watching modifies obesity risk linked to the 27Glu polymorphism of the ADRB2 gene in girls. *Pediatric Obesity*, **2006**, 1, 83-8 | | 20 |

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| 26 | Differential expression of aquaporin 7 in adipose tissue of lean and obese high fat consumers. *Biochemical and Biophysical Research Communications*, **2006**, 339, 785-9 | 3.4 | 89 |
| 25 | Does weight loss prognosis depend on genetic make-up?. *Obesity Reviews*, **2005**, 6, 155-68 | 10.6 | 58 |
| 24 | Serum and gene expression levels of leptin and adiponectin in rats susceptible or resistant to diet-induced obesity. *Journal of Physiology and Biochemistry*, **2005**, 61, 333-42 | 5 | 30 |
| 23 | High-fat feeding period affects gene expression in rat white adipose tissue. *Molecular and Cellular Biochemistry*, **2005**, 275, 109-15 | 4.2 | 29 |
| 22 | Eicosapentaenoic fatty acid increases leptin secretion from primary cultured rat adipocytes: role of glucose metabolism. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2005**, 288, R1682-8 | 3.2 | 64 |
| 21 | Aspectos gen□icos da obesidade. *Revista De Nutricao*, **2004**, 17, 327-338 | 1.8 | 13 |
| 20 | Gene-gene interaction between PPAR gamma 2 and ADR beta 3 increases obesity risk in children and adolescents. *International Journal of Obesity*, **2004**, 28 Suppl 3, S37-41 | 5.5 | 54 |
| 19 | Genes, lifestyles and obesity. *International Journal of Obesity*, **2004**, 28 Suppl 3, S29-36 | 5.5 | 97 |
| 18 | Gene expression changes in rat white adipose tissue after a high-fat diet determined by differential display. *Biochemical and Biophysical Research Communications*, **2004**, 318, 234-9 | 3.4 | 41 |
| 17 | Effects of arachidonic acid on leptin secretion and expression in primary cultured rat adipocytes. *Journal of Physiology and Biochemistry*, **2003**, 59, 201-8 | 5 | 16 |
| 16 | DNA microarray analysis of genes differentially expressed in diet-induced (cafeteria) obese rats. *Obesity*, **2003**, 11, 188-94 | | 124 |
| 15 | NF-kappa B-binding activity in an animal diet-induced overweightness model and the impact of subsequent energy restriction. *Biochemical and Biophysical Research Communications*, **2003**, 311, 533-9 | 3.4 | 15 |
| 14 | Effects of inhibiting transcription and protein synthesis on basal and insulin-stimulated leptin gene expression and leptin secretion in cultured rat adipocytes. *Biochemical and Biophysical Research Communications*, **2003**, 307, 907-14 | 3.4 | 12 |
| 13 | Effects of 1,1,1-trichloro-2,2-bis(p-chlorophenyl)-ethane (p,pTDDT) on 3T3-L1 and 3T3-F442A adipocyte differentiation. *Biochemical Pharmacology*, **2002**, 63, 997-1007 | 6 | 58 |
| 12 | Correlation between the high expression of C/EBPbeta protein in F442A cells and their relative resistance to antiadipogenic action of TCDD in comparison to 3T3-L1 cells. *Journal of Biochemical and Molecular Toxicology*, **2002**, 16, 70-83 | 3.4 | 7 |
| 11 | Down-regulation of heart HFABP and UCP2 gene expression in diet-induced (cafeteria) obese rats. *Journal of Physiology and Biochemistry*, **2002**, 58, 69-74 | 5 | 10 |
| 10 | Effects of Trecadrine, a beta3-adrenergic agonist, on leptin secretion, glucose and lipid metabolism in isolated rat adipocytes. *International Journal of Obesity*, **2002**, 26, 912-9 | 5.5 | 14 |
| 9 | Effects of a beta3-adrenergic agonist on glucose uptake and leptin expression and secretion in cultured adipocytes from lean and overweight (cafeteria) rats. *Biochemical and Biophysical Research Communications*, **2002**, 291, 1201-7 | 3.4 | 12 |

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|---|---|---|---|
| 8 | Enhanced gene delivery in vitro and in vivo by improved transferrin-lipoplexes. *Biochimica Et Biophysica Acta - Biomembranes*, **2002**, 1561, 209-21 | 3.8 | 50 |
| 7 | Transcriptional regulation of the leptin promoter by insulin-stimulated glucose metabolism in 3t3-l1 adipocytes. *Biochemical and Biophysical Research Communications*, **2001**, 283, 544-8 | 3.4 | 62 |
| 6 | DNA hybridization arrays: a powerful technology for nutritional and obesity research. *British Journal of Nutrition*, **2001**, 86, 119-22 | 3.6 | 25 |
| 5 | Endrin inhibits adipocyte differentiation by selectively altering expression pattern of CCAAT/enhancer binding protein-alpha in 3T3-L1 cells. *Molecular Pharmacology*, **1999**, 56, 91-101 | 4.3 | 33 |
| 4 | Differential toxicities of TCDD in vivo among normal, c-src knockout, geldanamycin- and quercetin-treated mice. *Toxicology*, **1999**, 135, 95-107 | 4.4 | 21 |
| 3 | Effects of in Vivo Captan Administration on Cytotoxicity, Gluconeogenesis, ATP Levels, and Parameters Related to Oxidative Stress in Rat Liver. *Pesticide Biochemistry and Physiology*, **1999**, 64, 185-193 | 4.8 | 4 |
| 2 | Effects of in situ and systemic lindane treatment on in vivo absorption of galactose and leucine in rat jejunum. *Archives of Toxicology*, **1996**, 70, 767-72 | 5.8 | 2 |
| 1 | Lindane Treatment Alters both Intestinal Mucosa Composition and Brush Border Enzymatic Activity in Chickens. *Pesticide Biochemistry and Physiology*, **1995**, 52, 212-221 | 4.9 | 16 |