

Xavier Escote

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

2,097
citations

236833

25
h-index

243529

44
g-index

59
all docs

59
docs citations

59
times ranked

3500
citing authors

#	ARTICLE	IF	CITATIONS
1	Hog1 mediates cell-cycle arrest in G1 phase by the dual targeting of Sic1. <i>Nature Cell Biology</i> , 2004, 6, 997-1002.	4.6	212
2	Enhanced fatty acid oxidation in adipocytes and macrophages reduces lipid-induced triglyceride accumulation and inflammation. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015, 308, E756-E769.	1.8	143
3	Phosphorylation of Hsl1 by Hog1 leads to a G2 arrest essential for cell survival at high osmolarity. <i>EMBO Journal</i> , 2006, 25, 2338-2346.	3.5	127
4	Study of the Potential Association of Adipose Tissue GLP-1 Receptor with Obesity and Insulin Resistance. <i>Endocrinology</i> , 2011, 152, 4072-4079.	1.4	121
5	A role for adipocyte-derived lipopolysaccharide-binding protein in inflammation- and obesity-associated adipose tissue dysfunction. <i>Diabetologia</i> , 2013, 56, 2524-2537.	2.9	109
6	Effect of Hesperidin on Cardiovascular Disease Risk Factors: The Role of Intestinal Microbiota on Hesperidin Bioavailability. <i>Nutrients</i> , 2020, 12, 1488.	1.7	95
7	Role of Omentin, Vaspin, Cardiotrophin-1, TWEAK and NOV/CCN3 in Obesity and Diabetes Development. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1770.	1.8	81
8	Maresin 1 improves insulin sensitivity and attenuates adipose tissue inflammation in ob/ob and diet-induced obese mice. <i>FASEB Journal</i> , 2017, 31, 2135-2145.	0.2	80
9	Circulating and Adipose Tissue Gene Expression of Zinc- α 2-Glycoprotein in Obesity: Its Relationship with Adipokine and Lipolytic Gene Markers in Subcutaneous and Visceral Fat. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 5062-5069.	1.8	78
10	FABP4 Dynamics in Obesity: Discrepancies in Adipose Tissue and Liver Expression Regarding Circulating Plasma Levels. <i>PLoS ONE</i> , 2012, 7, e48605.	1.1	67
11	CDK4 is an essential insulin effector in adipocytes. <i>Journal of Clinical Investigation</i> , 2015, 126, 335-348.	3.9	65
12	Diet, Gut Microbiota and Non-Alcoholic Fatty Liver Disease: Three Parts of the Same Axis. <i>Cells</i> , 2020, 9, 176.	1.8	63
13	Paired Subcutaneous and Visceral Adipose Tissue Aquaporin-7 Expression in Human Obesity and Type 2 Diabetes: Differences and Similarities between Depots. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, 3470-3479.	1.8	59
14	Zinc-Alpha 2-Glycoprotein Gene Expression in Adipose Tissue Is Related with Insulin Resistance and Lipolytic Genes in Morbidly Obese Patients. <i>PLoS ONE</i> , 2012, 7, e33264.	1.1	48
15	Cyclin G2 Regulates Adipogenesis through PPAR β Coactivation. <i>Endocrinology</i> , 2010, 151, 5247-5254.	1.4	46
16	Detection of Early Disease Risk Factors Associated with Metabolic Syndrome: A New Era with the NMR Metabolomics Assessment. <i>Nutrients</i> , 2020, 12, 806.	1.7	40
17	Sip18 hydrophilin prevents yeast cell death during desiccation stress. <i>Journal of Applied Microbiology</i> , 2012, 112, 512-525.	1.4	38
18	Adipocyte Fatty Acid-binding Protein as a Determinant of Insulin Sensitivity in Morbidly Obese Women. <i>Obesity</i> , 2009, 17, 1124-1128.	1.5	34

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19	Resveratrol induces antioxidant defence via transcription factor Yap1p. <i>Yeast</i> , 2012, 29, 251-263.	0.8	33
20	Effects of dietary supplementation with EPA and/or lipoic acid on adipose tissue transcriptomic profile of healthy overweight/obese women following a hypocaloric diet. <i>BioFactors</i> , 2017, 43, 117-131.	2.6	31
21	Control of Cell Cycle Progression by the Stress-Activated Hog1 MAPK. <i>Cell Cycle</i> , 2005, 4, 6-7.	1.3	30
22	Lipopolysaccharide-binding protein is increased in patients with psoriasis with metabolic syndrome, and correlates with C-reactive protein. <i>Clinical and Experimental Dermatology</i> , 2013, 38, 81-84.	0.6	29
23	Phosphate-Activated Cyclin-Dependent Kinase Stabilizes G ₁ Cyclin To Trigger Cell Cycle Entry. <i>Molecular and Cellular Biology</i> , 2013, 33, 1273-1284.	1.1	29
24	Lipopolysaccharide binding protein is an adipokine involved in the resilience of the mouse adipocyte to inflammation. <i>Diabetologia</i> , 2015, 58, 2424-2434.	2.9	28
25	Leptin and adiponectin, but not IL18, are related with insulin resistance in treated HIV-1-infected patients with lipodystrophy. <i>Cytokine</i> , 2012, 58, 253-260.	1.4	26
26	Serum Activin A and Follistatin Levels in Gestational Diabetes and the Association of the Activin A-Follistatin System with Anthropometric Parameters in Offspring. <i>PLoS ONE</i> , 2014, 9, e92175.	1.1	21
27	Metabolic adaptation to cancer growth: From the cell to the organism. <i>Cancer Letters</i> , 2015, 356, 171-175.	3.2	21
28	Adipose Tissue and Serum CCDC80 in Obesity and Its Association with Related Metabolic Disease. <i>Molecular Medicine</i> , 2017, 23, 225-234.	1.9	21
29	Maresin 1 Regulates Hepatic FGF21 in Diet-Induced Obese Mice and in Cultured Hepatocytes. <i>Molecular Nutrition and Food Research</i> , 2019, 63, e1900358.	1.5	21
30	Relation between human LPIN1, hypoxia and endoplasmic reticulum stress genes in subcutaneous and visceral adipose tissue. <i>International Journal of Obesity</i> , 2010, 34, 679-686.	1.6	20
31	Lipodystrophy and Insulin Resistance in Combination Antiretroviral Treated HIV-1-Infected Patients: Implication of Resistin. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2011, 57, 16-23.	0.9	20
32	Zinc alpha ₂ glycoprotein is implicated in dyslipidaemia in HIV-1-infected patients treated with antiretroviral drugs. <i>HIV Medicine</i> , 2012, 13, 297-303.	1.0	20
33	Involvement of the LPS-LPB-CD14-MD2-TLR4 inflammation pathway in HIV-1/HAART-associated lipodystrophy syndrome (HALS). <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 1653-1659.	1.3	19
34	Omega-3 fatty acids as regulators of brown/beige adipose tissue: from mechanisms to therapeutic potential. <i>Journal of Physiology and Biochemistry</i> , 2020, 76, 251-267.	1.3	18
35	Maresin 1 regulates insulin signaling in human adipocytes as well as in adipose tissue and muscle of lean and obese mice. <i>Journal of Physiology and Biochemistry</i> , 2021, 77, 167-173.	1.3	18
36	Munc18c in Adipose Tissue Is Downregulated in Obesity and Is Associated with Insulin. <i>PLoS ONE</i> , 2013, 8, e63937.	1.1	16

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37	Effects of EPA and lipoic acid supplementation on circulating FGF21 and the fatty acid profile in overweight/obese women following a hypocaloric diet. <i>Food and Function</i> , 2018, 9, 3028-3036.	2.1	16
38	A study of fatty acid binding protein 4 in HIV-1 infection and in combination antiretroviral therapy-related metabolic disturbances and lipodystrophy. <i>HIV Medicine</i> , 2011, 12, 428-437.	1.0	15
39	A double-blinded, randomized, parallel intervention to evaluate biomarker-based nutrition plans for weight loss: The PREVENTOMICS study. <i>Clinical Nutrition</i> , 2022, 41, 1834-1844.	2.3	15
40	GLUT12 Expression in Brain of Mouse Models of Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2020, 57, 798-805.	1.9	14
41	Effects of Maresin 1 (MaR1) on Colonic Inflammation and Gut Dysbiosis in Diet-Induced Obese Mice. <i>Microorganisms</i> , 2020, 8, 1156.	1.6	14
42	The stress-activated protein kinase Hog1 develops a critical role after resting state. <i>Molecular Microbiology</i> , 2011, 80, 423-435.	1.2	13
43	Pharmacogenetics of the Metabolic Disturbances and Atherosclerosis Associated with Antiretroviral Therapy in HIV-Infected Patients. <i>Current Pharmaceutical Design</i> , 2010, 16, 3379-3389.	0.9	12
44	Supplementation with a Specific Combination of Metabolic Cofactors Ameliorates Non-Alcoholic Fatty Liver Disease, Hepatic Fibrosis, and Insulin Resistance in Mice. <i>Nutrients</i> , 2021, 13, 3532.	1.7	11
45	Zinc- α 2-Glycoprotein Is Unrelated to Gestational Diabetes: Anthropometric and Metabolic Determinants in Pregnant Women and Their Offspring. <i>PLoS ONE</i> , 2012, 7, e47601.	1.1	9
46	Structured Long-Chain Omega-3 Fatty Acids for Improvement of Cognitive Function during Aging. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3472.	1.8	9
47	HIV/antiretroviral therapy-related lipodystrophy syndrome (HALS) is associated with higher RBP4 and lower omentin in plasma. <i>Clinical Microbiology and Infection</i> , 2015, 21, 711.e1-711.e8.	2.8	8
48	Zinc alpha-2 glycoprotein is overproduced in Cushing's syndrome. <i>Endocrinologia, Diabetes Y Nutrición</i> , 2017, 64, 26-33.	0.1	7
49	Role of cardioprotectin in the regulation of metabolic circadian rhythms and adipose core clock genes in mice and characterization of 24h circulating CT profiles in normal weight and overweight/obese subjects. <i>FASEB Journal</i> , 2017, 31, 1639-1649.	0.2	6
50	Inflammation and Oxidative Stress in Adipose Tissue. , 2018, , 63-92.		6
51	<i>Lpin1</i> in human visceral and subcutaneous adipose tissue: similar levels but different associations with lipogenic and lipolytic genes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2010, 299, E308-E317.	1.8	5
52	Regulation of p27 and Cdk2 Expression in Different Adipose Tissue Depots in Aging and Obesity. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11745.	1.8	4
53	Control of the cell cycle progression by the MAPK Hog1. <i>MAP Kinase</i> , 2013, 2, .	0.3	2
54	Potential clinical treatment of colitis with cardioprotectin-1. <i>Clinical Science</i> , 2018, 132, 2169-2174.	1.8	2

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55	Proanthocyanidins Restore the Metabolic Diurnal Rhythm of Subcutaneous White Adipose Tissue According to Time-Of-Day Consumption. <i>Nutrients</i> , 2022, 14, 2246.	1.7	2
56	Zinc alpha-2 glycoprotein is overproduced in Cushing's syndrome. <i>Endocrinology & Diabetes & Nutrition (English Ed)</i> , 2017, 64, 26-33.	0.1	0