

# Ricardo RodrÃ-guez-Calvo

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

2,190  
citations

218677

26  
h-index

223800

46  
g-index

50  
all docs

50  
docs citations

50  
times ranked

3578  
citing authors

#	ARTICLE	IF	CITATIONS
1	Oleate Reverses Palmitate-induced Insulin Resistance and Inflammation in Skeletal Muscle Cells. <i>Journal of Biological Chemistry</i> , 2008, 283, 11107-11116.	3.4	285
2	Peroxisome proliferator-activated receptor $\alpha$ activation inhibits hypertrophy in neonatal rat cardiomyocytes. <i>Cardiovascular Research</i> , 2005, 65, 832-841.	3.8	154
3	TNF- $\alpha$ reduces PGC-1 $\alpha$ expression through NF- $\kappa$ B and p38 MAPK leading to increased glucose oxidation in a human cardiac cell model. <i>Cardiovascular Research</i> , 2009, 81, 703-712.	3.8	147
4	The PPAR $\delta$ Activator GW501516 Prevents the Down-Regulation of AMPK Caused by a High-Fat Diet in Liver and Amplifies the PGC-1 $\alpha$ -Lipin 1-PPAR $\alpha$ Pathway Leading to Increased Fatty Acid Oxidation. <i>Endocrinology</i> , 2011, 152, 1848-1859.	2.8	136
5	Palmitate-Mediated Downregulation of Peroxisome Proliferator-Activated Receptor-3 Coactivator 1 $\alpha$ in Skeletal Muscle Cells Involves MEK1/2 and Nuclear Factor- $\kappa$ B Activation. <i>Diabetes</i> , 2006, 55, 2779-2787.	0.6	134
6	Activation of Peroxisome Proliferator-Activated Receptor $\delta$ Inhibits Lipopolysaccharide-Induced Cytokine Production in Adipocytes by Lowering Nuclear Factor- $\kappa$ B Activity via Extracellular Signal-Related Kinase 1/2. <i>Diabetes</i> , 2008, 57, 2149-2157.	0.6	108
7	The NR4A subfamily of nuclear receptors: potential new therapeutic targets for the treatment of inflammatory diseases. <i>Expert Opinion on Therapeutic Targets</i> , 2017, 21, 291-304.	3.4	96
8	Role of the fatty acid-binding protein 4 in heart failure and cardiovascular disease. <i>Journal of Endocrinology</i> , 2017, 233, R173-R184.	2.6	86
9	PPAR $\delta$ activation blocks lipid-induced inflammatory pathways in mouse heart and human cardiac cells. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2011, 1811, 59-67.	2.4	66
10	Activation of Peroxisome Proliferator-Activated Receptor- $\delta$ (PPAR- $\delta$ ) Ameliorates Insulin Signaling and Reduces SOCS3 Levels by Inhibiting STAT3 in Interleukin-6 Stimulated Adipocytes. <i>Diabetes</i> , 2011, 60, 1990-1999.	0.6	64
11	Peroxisome Proliferator-Activated Receptor (PPAR) $\delta$ / $\delta$ : A New Potential Therapeutic Target for the Treatment of Metabolic Syndrome. <i>Current Molecular Pharmacology</i> , 2009, 2, 46-55.	1.5	60
12	Atorvastatin prevents carbohydrate response element binding protein activation in the fructose-fed rat by activating protein kinase A. <i>Hepatology</i> , 2009, 49, 106-115.	7.3	58
13	Fibulin-5 Is Up-regulated by Hypoxia in Endothelial Cells through a Hypoxia-inducible Factor-1 (HIF-1 $\alpha$ )-dependent Mechanism. <i>Journal of Biological Chemistry</i> , 2011, 286, 7093-7103.	3.4	57
14	Clinical and pathophysiological evidence supporting the safety of extremely low LDL levels—The zero-LDL hypothesis. <i>Journal of Clinical Lipidology</i> , 2018, 12, 292-299.e3.	1.5	51
15	CCL20 Is Increased in Hypercholesterolemic Subjects and Is Upregulated By LDL in Vascular Smooth Muscle Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 2733-2741.	2.4	47
16	Over-expression of Neuron-derived Orphan Receptor-1 (NOR-1) exacerbates neointimal hyperplasia after vascular injury. <i>Human Molecular Genetics</i> , 2013, 22, 1949-1959.	2.9	46
17	Matrix Metalloproteinase-10 Is Upregulated by Thrombin in Endothelial Cells and Increased in Patients With Enhanced Thrombin Generation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009, 29, 2109-2116.	2.4	42
18	The Circulating GRP78/BiP Is a Marker of Metabolic Diseases and Atherosclerosis: Bringing Endoplasmic Reticulum Stress into the Clinical Scenario. <i>Journal of Clinical Medicine</i> , 2019, 8, 1793.	2.4	40

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19	NR4A receptors up-regulate the antiproteinase alpha-2 macroglobulin (A2M) and modulate MMP-2 and MMP-9 in vascular smooth muscle cells. <i>Thrombosis and Haemostasis</i> , 2015, 113, 1323-1334.	3.4	39
20	NOR-1 modulates the inflammatory response of vascular smooth muscle cells by preventing NF $\kappa$ B activation. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 80, 34-44.	1.9	39
21	Fatty acid binding protein 4 (FABP4) as a potential biomarker reflecting myocardial lipid storage in type 2 diabetes. <i>Metabolism: Clinical and Experimental</i> , 2019, 96, 12-21.	3.4	35
22	Exogenous FABP4 induces endoplasmic reticulum stress in HepG2 liver cells. <i>Atherosclerosis</i> , 2016, 249, 191-199.	0.8	34
23	FABP4 inhibitor BMS309403 decreases saturated-fatty-acid-induced endoplasmic reticulum stress-associated inflammation in skeletal muscle by reducing p38 MAPK activation. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018, 1863, 604-613.	2.4	33
24	Increased Akt protein expression is associated with decreased ceramide content in skeletal muscle of troglitazone-treated mice. <i>Biochemical Pharmacology</i> , 2005, 69, 1195-1204.	4.4	32
25	PGC-1 $\alpha$ Down-Regulation Is Associated With Reduced ERR $\alpha$ Activity and MCAD Expression in Skeletal Muscle of Senescence-Accelerated Mice. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2006, 61, 773-780.	3.6	32
26	Peroxisome Proliferator-Activated Receptor $\alpha$ Down-Regulation Is Associated With Enhanced Ceramide Levels in Age-Associated Cardiac Hypertrophy. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2007, 62, 1326-1336.	3.6	26
27	Lysyl oxidase (LOX) in vascular remodelling. <i>Thrombosis and Haemostasis</i> , 2014, 112, 812-824.	3.4	26
28	Type II interleukin-1 receptor expression is reduced in monocytes/macrophages and atherosclerotic lesions. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2011, 1811, 556-563.	2.4	25
29	Modulation of Endothelium and Endothelial Progenitor Cell Function by Low-Density Lipoproteins: Implication for Vascular Repair, Angiogenesis and Vasculogenesis. <i>Pathobiology</i> , 2009, 76, 11-22.	3.8	22
30	Atorvastatin inhibits GSK-3 $\beta$ phosphorylation by cardiac hypertrophic stimuli. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2008, 1781, 26-35.	2.4	17
31	The nuclear receptor NOR-1 regulates the small muscle protein, X-linked (SMPX) and myotube differentiation. <i>Scientific Reports</i> , 2016, 6, 25944.	3.3	16
32	Extracellular FABP4 uptake by endothelial cells is dependent on cytokeratin 1 expression. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2019, 1864, 234-244.	2.4	13
33	Inactivation of Nuclear Factor- $\kappa$ B Inhibits Vascular Smooth Muscle Cell Proliferation and Neointima Formation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 1036-1045.	2.4	12
34	AICAR Protects against High Palmitate/High Insulin-Induced Intramyocellular Lipid Accumulation and Insulin Resistance in HL-1 Cardiac Cells by Inducing PPAR-Target Gene Expression. <i>PPAR Research</i> , 2015, 2015, 1-12.	2.4	12
35	Unveiling the Role of the Fatty Acid Binding Protein 4 in the Metabolic-Associated Fatty Liver Disease. <i>Biomedicines</i> , 2022, 10, 197.	3.2	12
36	Angiotensin II differentially modulates cyclooxygenase-2, microsomal prostaglandin E2 synthase-1 and prostaglandin I2 synthase expression in adventitial fibroblasts exposed to inflammatory stimuli. <i>Journal of Hypertension</i> , 2011, 29, 529-536.	0.5	10

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37	Small heterodimer partner (SHP) contributes to insulin resistance in cardiomyocytes. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2017, 1862, 541-551.	2.4	10
38	Review of the scientific evolution of gene therapy for the treatment of homozygous familial hypercholesterolaemia: past, present and future perspectives. <i>Journal of Medical Genetics</i> , 2019, 56, 711-717.	3.2	10
39	Ageing introduces a complex pattern of changes in several rat brain transcription factors depending on gender and anatomical localization. <i>Experimental Gerontology</i> , 2006, 41, 372-379.	2.8	9
40	Hepatic Lipidomics and Molecular Imaging in a Murine Non-Alcoholic Fatty Liver Disease Model: Insights into Molecular Mechanisms. <i>Biomolecules</i> , 2020, 10, 1275.	4.0	9
41	Inhibition of Cardiac Hypertrophy by Triflusal (4-Trifluoromethyl Derivative of Salicylate) and Its Active Metabolite. <i>Molecular Pharmacology</i> , 2006, 69, 1174-1181.	2.3	6
42	Fluorescent labelling of membrane fatty acid transporter CD36 (SR-B2) in the extracellular loop. <i>PLoS ONE</i> , 2019, 14, e0210704.	2.5	5
43	Altered Serum Metabolic Profile Assessed by Advanced 1H-NMR in Breast Cancer Patients. <i>Cancers</i> , 2021, 13, 4281.	3.7	5
44	Relationship Between Fatty Acid Binding Protein 4 and Liver Fat in Individuals at Increased Cardiometabolic Risk. <i>Frontiers in Physiology</i> , 2021, 12, 781789.	2.8	5
45	Niveles plasmáticos de glucosa, triglicéridos, VLDL, leptina y resistina como potenciales biomarcadores de la grasa miocárdica en ratones. <i>Clínica E Investigación En Arteriosclerosis</i> , 2020, 32, 8-14.	0.8	4
46	Low-density lipoprotein from active SLE patients is more atherogenic to endothelial cells than low-density lipoprotein from the same patients during remission. <i>Rheumatology</i> , 2021, 60, 866-871.	1.9	4
47	Triglyceride-Rich Lipoproteins and Glycoprotein A and B Assessed by 1H-NMR in Metabolic-Associated Fatty Liver Disease. <i>Frontiers in Endocrinology</i> , 2021, 12, 775677.	3.5	4
48	Plasma glucose, triglycerides, VLDL, leptin and resistin levels as potential biomarkers for myocardial fat in mice. <i>Clínica E Investigación En Arteriosclerosis (English Edition)</i> , 2020, 32, 8-14.	0.2	1