

# Ricardo Carnicer Hijazo

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

1,372  
citations

331259

21  
h-index

344852

36  
g-index

39  
all docs

39  
docs citations

39  
times ranked

2058  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nitric Oxide Synthases in Heart Failure. <i>Antioxidants and Redox Signaling</i> , 2013, 18, 1078-1099.	2.5	137
2	Hyperglycemia Induces Trained Immunity in Macrophages and Their Precursors and Promotes Atherosclerosis. <i>Circulation</i> , 2021, 144, 961-982.	1.6	109
3	Selective effect of conjugated linoleic acid isomers on atherosclerotic lesion development in apolipoprotein E knockout mice. <i>Atherosclerosis</i> , 2006, 189, 318-327.	0.4	91
4	Immune-regulation of the apolipoprotein A-I/C-III/A-IV gene cluster in experimental inflammation. <i>Cytokine</i> , 2005, 31, 52-63.	1.4	74
5	Hydroxytyrosol Administration Enhances Atherosclerotic Lesion Development in Apo E Deficient Mice. <i>Journal of Biochemistry</i> , 2006, 140, 383-391.	0.9	72
6	Up-regulation of miR-31 in human atrial fibrillation begets the arrhythmia by depleting dystrophin and neuronal nitric oxide synthase. <i>Science Translational Medicine</i> , 2016, 8, 340ra74.	5.8	68
7	Nitric oxide synthase regulation of cardiac excitation-contraction coupling in health and disease. <i>Journal of Molecular and Cellular Cardiology</i> , 2014, 73, 80-91.	0.9	66
8	Trans-10, cis-12- and cis-9, trans-11-Conjugated Linoleic Acid Isomers Selectively Modify HDL-Apolipoprotein Composition in Apolipoprotein E Knockout Mice. <i>Journal of Nutrition</i> , 2006, 136, 353-359.	1.3	63
9	Extra Virgin Olive Oils Increase Hepatic Fat Accumulation and Hepatic Antioxidant Protein Levels in APOE Mice. <i>Journal of Proteome Research</i> , 2007, 6, 4041-4054.	1.8	58
10	Squalene in a sex-dependent manner modulates atherosclerotic lesion which correlates with hepatic fat content in apoE-knockout male mice. <i>Atherosclerosis</i> , 2008, 197, 72-83.	0.4	54
11	Dietary cholesterol suppresses the ability of olive oil to delay the development of atherosclerotic lesions in apolipoprotein E knockout mice. <i>Atherosclerosis</i> , 2005, 182, 17-28.	0.4	51
12	Olive oil preparation determines the atherosclerotic protection in apolipoprotein E knockout mice. <i>Journal of Nutritional Biochemistry</i> , 2007, 18, 418-424.	1.9	45
13	In Vivo Tracking and <sup>1</sup> H/ <sup>19</sup> F Magnetic Resonance Imaging of Biodegradable Polyhydroxyalkanoate/Polycaprolactone Blend Scaffolds Seeded with Labeled Cardiac Stem Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 25056-25068.	4.0	44
14	Cystathionine Î²-synthase is essential for female reproductive function. <i>Human Molecular Genetics</i> , 2006, 15, 3168-3176.	1.4	42
15	Regulation of Endothelial Nitric-oxide Synthase (NOS) S-Glutathionylation by Neuronal NOS. <i>Journal of Biological Chemistry</i> , 2012, 287, 43665-43673.	1.6	42
16	Accelerated atherosclerosis in apolipoprotein E-deficient mice fed Western diets containing palm oil compared with extra virgin olive oils: A role for small, dense high-density lipoproteins. <i>Atherosclerosis</i> , 2007, 194, 372-382.	0.4	39
17	Cardiomyocyte GTP Cyclohydrolase 1 and Tetrahydrobiopterin Increase NOS1 Activity and Accelerate Myocardial Relaxation. <i>Circulation Research</i> , 2012, 111, 718-727.	2.0	38
18	Microarray analysis of hepatic genes differentially expressed in the presence of the unsaponifiable fraction of olive oil in apolipoprotein E-deficient mice. <i>British Journal of Nutrition</i> , 2007, 97, 628-638.	1.2	34

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19	Understanding the role of dietary components on atherosclerosis using genetic engineered mouse models. <i>Frontiers in Bioscience - Landmark</i> , 2006, 11, 955.	3.0	29
20	Folic acid supplementation delays atherosclerotic lesion development in apoE-deficient mice. <i>Life Sciences</i> , 2007, 80, 638-643.	2.0	26
21	Tetrahydrobiopterin Protects Against Hypertrophic Heart Disease Independent of Myocardial Nitric Oxide Synthase Coupling. <i>Journal of the American Heart Association</i> , 2016, 5, e003208.	1.6	21
22	Human Ischemic Cardiomyopathy Shows Cardiac Nos1 Translocation and its Increased Levels are Related to Left Ventricular Performance. <i>Scientific Reports</i> , 2016, 6, 24060.	1.6	18
23	Inducibility, but not stability, of atrial fibrillation is increased by NOX2 overexpression in mice. <i>Cardiovascular Research</i> , 2021, 117, 2354-2364.	1.8	18
24	The subcellular localization of neuronal nitric oxide synthase determines the downstream effects of NO on myocardial function. <i>Cardiovascular Research</i> , 2017, 113, 321-331.	1.8	17
25	Fast, quantitative, murine cardiac 19F MRI/MRS of PFCE-labeled progenitor stem cells and macrophages at 9.4T. <i>PLoS ONE</i> , 2018, 13, e0190558.	1.1	17
26	Response of ApoA-IV in pigs to long-term increased dietary oil intake and to the degree of unsaturation of the fatty acids. <i>British Journal of Nutrition</i> , 2004, 92, 763-769.	1.2	15
27	BH4 Increases nNOS Activity and Preserves Left Ventricular Function in Diabetes. <i>Circulation Research</i> , 2021, 128, 585-601.	2.0	13
28	Evaluation of the role of miR-31-dependent reduction in dystrophin and nNOS on atrial-fibrillation-induced electrical remodelling in man. <i>Lancet, The</i> , 2015, 385, S82.	6.3	12
29	Genetically based hypertension generated through interaction of mild hypoalphalipoproteinemia and mild hyperhomocysteinemia. <i>Journal of Hypertension</i> , 2007, 25, 1597-1607.	0.3	11
30	Adenoviral Transduction of FRET-Based Biosensors for cAMP in Primary Adult Mouse Cardiomyocytes. <i>Methods in Molecular Biology</i> , 2015, 1294, 103-115.	0.4	10
31	Cloning, characterization and comparative analysis of pig plasma apolipoprotein A-IV. <i>Gene</i> , 2004, 325, 157-164.	1.0	9
32	Atrial nitroso-redox balance and refractoriness following on-pump cardiac surgery: a randomized trial of atorvastatin. <i>Cardiovascular Research</i> , 2022, 118, 184-195.	1.8	9
33	Simvastatin reverses the hypertension of heterozygous mice lacking cystathionine $\beta$ -synthase and apolipoprotein A-I. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2008, 377, 35-43.	1.4	7
34	Protein Inhibitor of NOS1 Plays a Central Role in the Regulation of NOS1 Activity in Human Dilated Hearts. <i>Scientific Reports</i> , 2016, 6, 30902.	1.6	5
35	Genetic background in apolipoprotein A-I and cystathionine $\beta$ -synthase deficiency. <i>Frontiers in Bioscience - Landmark</i> , 2008, Volume, 5155.	3.0	4
36	Nitric oxide-releasing agent, LA419, reduces atherogenesis in apolipoprotein E-deficient mice. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2009, 379, 489-500.	1.4	3

#	ARTICLE	IF	CITATIONS
37	Diabetes-induced innate immune memory drives inflammation and atherosclerosis, despite restoration of normoglycaemia. , 2018, , .		1
38	Loss of Myocardial nNOS Mediated by Upregulation of miR-31 in Human Atria Contributes to Begetting of Atrial Fibrillation. Biophysical Journal, 2016, 110, 451a.	0.2	0