

# Jaime Mas-Oliva

## List of PR Articles by Year in descending order

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61

PR articles

1,162

PR citations

316764

20

PR h-index

346753

33

g-index

62

documents

1247

doc citations

358512

20

h-index

1594

citing authors

#	ARTICLE	IF	PR CITATIONS
1	CETP-derived Peptide Seq-1, the Key Component of HB-ATV-8 Vaccine Prevents Stress Responses, and Promotes Downregulation of Pro-Fibrotic Genes in Hepatocytes and Stellate Cells. Archives of Medical Research, 2024, 55, 102937.	2.7	5
2	Analysis of cholesterol-recognition motifs of the plasma membrane Ca <sup>2+</sup> -ATPase. Journal of Bioenergetics and Biomembranes, 2024, 56, 205-219.	2.7	8
3	Peptide Helix-Y12 as Potential Effector for Peroxisome Proliferator-Activated Receptors. PPAR Research, 2023, 2023, 1-15.	2.9	2
4	Conversion of M1 Macrophages to Foam Cells: Transcriptome Differences Determined by Sex. Biomedicines, 2023, 11, 490.	3.5	7
5	The Influence of Interdisciplinary Work towards Advancing Knowledge on Human Liver Physiology. Cells, 2022, 11, 3696.	4.8	1
6	The cholesteryl-ester transfer protein isoform (CETPI) and derived peptides: new targets in the study of Gram-negative sepsis. Molecular Medicine, 2022, 28, .	5.8	2
7	Hepatic Accumulation of Hypoxanthine: A Link Between Hyperuricemia and Nonalcoholic Fatty Liver Disease. Archives of Medical Research, 2021, 52, 692-702.	2.7	58
8	Peptide VSAK maintains tissue glucose uptake and attenuates pro-inflammatory responses caused by LPS in an experimental model of the systemic inflammatory response syndrome: a PET study. Scientific Reports, 2021, 11, .	3.5	5
9	Peptides as Therapeutic Molecules to Neutralize Gram-negative Bacterial Lipopolysaccharides in Sepsis and Septic Shock. Archives of Medical Research, 2021, 52, 798-807.	2.7	3
10	New insights into lipopolysaccharide inactivation mechanisms in sepsis. Biomedicine and Pharmacotherapy, 2021, 141, 111890.	6.9	38
11	Quantitative Expression of Key Cancer Markers in the AS-30D Hepatocarcinoma Model. Frontiers in Oncology, 2021, 11, .	2.7	1
12	Lipid Modulation in the Formation of $\beta$ -Sheet Structures. Implications for De Novo Design of Human Islet Amyloid Polypeptide and the Impact on $\beta$ -Cell Homeostasis. Biomolecules, 2020, 10, 1201.	4.4	7
13	Fatty Acid and Lipopolysaccharide Effect on Beta Cells Proteostasis and its Impact on Insulin Secretion. Cells, 2019, 8, 884.	4.8	49
14	Therapeutic Intranasal Vaccine HB-ATV-8 Prevents Atherogenesis and Non-alcoholic Fatty Liver Disease in a Pig Model of Atherosclerosis. Archives of Medical Research, 2018, 49, 456-470.	2.7	11
15	Cell survival regulation during receptor-mediated endocytosis of chemically-modified lipoproteins associated to the formation of an Amphiphysin 2 (Bin1)/c-Myc complex. Biochemical and Biophysical Research Communications, 2018, 505, 365-371.	2.1	8
16	HDL-Mediated Lipid Influx to Endothelial Cells Contributes to Regulating Intercellular Adhesion Molecule (ICAM)-1 Expression and eNOS Phosphorylation. International Journal of Molecular Sciences, 2018, 19, 3394.	4.5	22
17	Antioxidants in the Fight Against Atherosclerosis: Is This a Dead End?. Current Atherosclerosis Reports, 2018, 20, .	4.9	42
18	Modulation of Amyloidogenesis Controlled by the C-Terminal Domain of Islet Amyloid Polypeptide Shows New Functions on Hepatocyte Cholesterol Metabolism. Frontiers in Endocrinology, 2018, 9, .	4.1	10

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19	Label-free surface-enhanced Raman spectroscopy of lipid rafts from hepatocyte plasma membranes. <i>Journal of Raman Spectroscopy</i> , 2017, 48, 659-667.	1.9	8
20	Atherosclerosis and Cancer; A Resemblance with Far-reaching Implications. <i>Archives of Medical Research</i> , 2017, 48, 12-26.	2.7	128
21	Preclinical evidence studying intranasal HB-ATV-8 vaccine in a porcine model of atherosclerosis shows high efficiency in the prevention of atherogenesis and fatty liver disease. <i>Atherosclerosis</i> , 2017, 263, e52.	1.6	3
22	A Novel $\beta$ -adaplin/c-Myc Complex Formation Modulated by Oxidative Stress in the Control of the Cell Cycle in Macrophages and its Implication in Atherogenesis. <i>Scientific Reports</i> , 2017, 7, .	3.5	11
23	Early Transcriptomic Response to LDL and oxLDL in Human Vascular Smooth Muscle Cells. <i>PLoS ONE</i> , 2016, 11, e0163924.	2.4	25
24	The C-terminal Domain Supports a Novel Function for CETPI as a New Plasma Lipopolysaccharide-Binding Protein. <i>Scientific Reports</i> , 2015, 5, .	3.5	18
25	Reality of a Vaccine in the Prevention and Treatment of Atherosclerosis. <i>Archives of Medical Research</i> , 2015, 46, 427-437.	2.7	34
26	ARP2, a Novel Pro-Apoptotic Protein Expressed in Epithelial Prostate Cancer LNCaP Cells and Epithelial Ovary CHO Transformed Cells. <i>PLoS ONE</i> , 2014, 9, e86089.	2.4	1
27	Hyperinsulinemia is Associated with Increased Soluble Insulin Receptors Release from Hepatocytes. <i>Frontiers in Endocrinology</i> , 2014, 5, .	4.1	14
28	Relevance of the plasma membrane calcium-ATPase in the homeostasis of calcium in the fetal liver. <i>Organogenesis</i> , 2014, 10, 333-339.	2.6	2
29	Microenvironmentally controlled secondary structure motifs of apolipoprotein A-I derived peptides. <i>Molecular and Cellular Biochemistry</i> , 2014, 393, 99-109.	3.3	13
30	Key structural arrangements at the C-terminus domain of CETP suggest a potential mechanism for lipid-transfer activity. <i>Journal of Structural Biology</i> , 2014, 186, 19-27.	2.4	21
31	Particulate Matter Promotes In Vitro Receptor-Recognizable Low-Density Lipoprotein Oxidation and Dysfunction of Lipid Receptors. <i>Journal of Biochemical and Molecular Toxicology</i> , 2013, 27, 69-76.	3.0	9
32	Amyloid fibril formation of peptides derived from the C-terminus of CETP modulated by lipids. <i>Biochemical and Biophysical Research Communications</i> , 2013, 434, 54-59.	2.1	12
33	Multiscale molecular dynamics simulations of micelles: coarse-grain for self-assembly and atomic resolution for finer details. <i>Soft Matter</i> , 2012, 8, 9005.	2.7	67
34	Osteopontin Upregulation in Atherogenesis Is Associated with Cellular Oxidative Stress Triggered by the Activation of Scavenger Receptors. <i>Archives of Medical Research</i> , 2012, 43, 102-111.	2.7	22
35	Cholesterol: recapitulation of its active role during liver regeneration. <i>Liver International</i> , 2011, 31, 1271-1284.	4.1	37
36	Analysis of plasma membrane Ca <sup>2+</sup> -ATPase gene expression during epileptogenesis employing single hippocampal CA1 neurons. <i>Experimental Biology and Medicine</i> , 2011, 236, 409-417.	2.5	10

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37	Amyloidogenic Properties of a D/N Mutated 12 Amino Acid Fragment of the C-Terminal Domain of the Cholesteryl-Ester Transfer Protein (CETP). <i>International Journal of Molecular Sciences</i> , 2011, 12, 2019-2035.	4.5	20
38	Plasma membrane calcium ATPase isoform 3 expression in single cells isolated from rat liver. <i>Molecular and Cellular Biochemistry</i> , 2010, 344, 117-124.	3.3	9
39	Disorder-to-order conformational transitions in protein structure and its relationship to disease. <i>Molecular and Cellular Biochemistry</i> , 2009, 330, 105-120.	3.3	49
40	Characterization of recombinant human cementum protein 1 (hrCEMP1): Primary role in biomineralization. <i>Biochemical and Biophysical Research Communications</i> , 2009, 384, 49-54.	2.1	41
41	Lipid dependant disorder-to-order conformational transitions in apolipoprotein CI derived peptides. <i>Biochemical and Biophysical Research Communications</i> , 2008, 365, 8-15.	2.1	15
42	Protein stability and the evolution of the cell membrane. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2007, 146, 207-213.	3.2	5
43	Î²-adaptin: Key molecule for microglial scavenger receptor function under oxidative stress. <i>Biochemical and Biophysical Research Communications</i> , 2006, 351, 588-594.	2.1	14
44	Is there a specific role for the plasma membrane Ca <sup>2+</sup> -ATPase in the hepatocyte?. <i>Molecular and Cellular Biochemistry</i> , 2006, 285, 1-15.	3.3	33
45	Control of scavenger receptor-mediated endocytosis by novel ligands of different length. <i>Molecular and Cellular Biochemistry</i> , 2005, 271, 123-132.	3.3	6
46	Phase Transitions of Phospholipid Monolayers Penetrated by Apolipoproteins. <i>Journal of Physical Chemistry B</i> , 2004, 108, 7307-7315.	2.7	28
47	Interactions and Conformations of Î±-Helical Human Apolipoprotein CI on Hydrophilic and on Hydrophobic Substrates. <i>Journal of Physical Chemistry B</i> , 2004, 108, 20442-20450.	2.7	11
48	Title is missing!. <i>Molecular and Cellular Biochemistry</i> , 2003, 247, 177-184.	3.3	15
49	Title is missing!. <i>Molecular and Cellular Biochemistry</i> , 2003, 245, 173-182.	3.3	11
50	Phase Transitions and Conformational Changes in Monolayers of Human Apolipoproteins CI and All. <i>Journal of Physical Chemistry B</i> , 2003, 107, 11117-11124.	2.7	12
51	Oxidative stress impairs endocytosis of the scavenger receptor class A. <i>Biochemical and Biophysical Research Communications</i> , 2003, 305, 510-517.	2.1	24
52	Monolayers of Apolipoproteins at the Air/Water Interface. <i>Journal of Physical Chemistry B</i> , 2001, 105, 5757-5765.	2.7	80
53	Apoptosis and Cell Death Channels in Prostate Cancer. <i>Archives of Medical Research</i> , 2001, 32, 175-185.	2.7	35
54	Secreted Forms of the Amyloid-Î² Precursor Protein Are Ligands for the Class A Scavenger Receptor. <i>Journal of Biological Chemistry</i> , 2001, 276, 30655-30661.	2.2	48

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55	Stability of the C-terminal peptide of CETP mediated through an (i, i+4) array. BBA - Proteins and Proteomics, 1998, 1384, 7-15.	2.5	15
56	Title is missing!. Molecular and Cellular Biochemistry, 1997, 175, 1-10.	3.3	18
57	Receptor Pattern Formation as a Signal for the Capture of Lipoproteins. Biochemical and Biophysical Research Communications, 1996, 224, 212-218.	2.1	3
58	Cholesterol increases the thermal stability of the Ca <sup>2+</sup> /Mg <sup>2+</sup> -ATPase of cardiac microsomes. Biochimica Et Biophysica Acta - Biomembranes, 1996, 1283, 45-50.	2.2	20
59	Altered coupling states between calcium transport and (Ca <sup>2+</sup> , Mg <sup>2+</sup> )-ATPase in the AS-30D Ascites hepatocarcinoma plasma membrane. Molecular and Cellular Biochemistry, 1991, 100, .	3.3	7
60	Direct regulatory effect of cholesterol on the calmodulin stimulated calcium pump of cardiac sarcolemma. Biochemical and Biophysical Research Communications, 1986, 139, 868-874.	2.1	37
61	Cholesterol effect on enzyme activity of the sarcolemmal (Ca <sup>2+</sup> + Mg <sup>2+</sup> )-ATPase from cardiac muscle. Biochimica Et Biophysica Acta - Biomembranes, 1984, 773, 231-236.	2.2	46