

# Francisco J Rios

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

2,085  
citations

393982

19  
h-index

377514

34  
g-index

37  
all docs

37  
docs citations

37  
times ranked

3028  
citing authors

#	ARTICLE	IF	CITATIONS
1	Vascular smooth muscle contraction in hypertension. <i>Cardiovascular Research</i> , 2018, 114, 529-539.	1.8	393
2	Angiotensin II and Vascular Injury. <i>Current Hypertension Reports</i> , 2014, 16, 431.	1.5	308
3	Oxidative Stress and Hypertension. <i>Circulation Research</i> , 2021, 128, 993-1020.	2.0	188
4	Oxidative Stress: A Unifying Paradigm in Hypertension. <i>Canadian Journal of Cardiology</i> , 2020, 36, 659-670.	0.8	138
5	Hypertension Due to Antiangiogenic Cancer Therapy With Vascular Endothelial Growth Factor Inhibitors: Understanding and Managing a New Syndrome. <i>Canadian Journal of Cardiology</i> , 2014, 30, 534-543.	0.8	110
6	TRPM7, Magnesium, and Signaling. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1877.	1.8	99
7	Vascular Nox (NADPH Oxidase) Compartmentalization, Protein Hyperoxidation, and Endoplasmic Reticulum Stress Response in Hypertension. <i>Hypertension</i> , 2018, 72, 235-246.	1.3	88
8	Chanzyme TRPM7 protects against cardiovascular inflammation and fibrosis. <i>Cardiovascular Research</i> , 2020, 116, 721-735.	1.8	78
9	VEGFR (Vascular Endothelial Growth Factor Receptor) Inhibition Induces Cardiovascular Damage via Redox-Sensitive Processes. <i>Hypertension</i> , 2018, 71, 638-647.	1.3	73
10	Oxidized LDL Induces Alternative Macrophage Phenotype through Activation of CD36 and PAFR. <i>Mediators of Inflammation</i> , 2013, 2013, 1-8.	1.4	71
11	Vascular Biology of Superoxide-Generating NADPH Oxidase 5â€”Implications in Hypertension and Cardiovascular Disease. <i>Antioxidants and Redox Signaling</i> , 2019, 30, 1027-1040.	2.5	63
12	Acute effects of electronic and tobacco cigarettes on vascular and respiratory function in healthy volunteers. <i>Journal of Hypertension</i> , 2019, 37, 154-166.	0.3	54
13	NADPH Oxidase 5 Is a Proâ€Contractile Nox Isoform and a Point of Crossâ€Talk for Calcium and Redox Signalingâ€Implications in Vascular Function. <i>Journal of the American Heart Association</i> , 2018, 7, .	1.6	51
14	Isolation and Differentiation of Murine Macrophages. <i>Methods in Molecular Biology</i> , 2017, 1527, 297-309.	0.4	50
15	Crosstalk Between Vascular Redox and Calcium Signaling in Hypertension Involves TRPM2 (Transient) Tj ETQq1 1 0,784314 rgBT /Over	1.3	95
16	Microparticles from vascular endothelial growth factor pathway inhibitor-treated cancer patients mediate endothelial cell injury. <i>Cardiovascular Research</i> , 2019, 115, 978-988.	1.8	32
17	ER stress and Rho kinase activation underlie the vasculopathy of CADASIL. <i>JCI Insight</i> , 2019, 4, .	2.3	31
18	Central role of c-Src in NOX5- mediated redox signalling in vascular smooth muscle cells in human hypertension. <i>Cardiovascular Research</i> , 2022, 118, 1359-1373.	1.8	26

#	ARTICLE	IF	CITATIONS
19	Isolation and Differentiation of Human Macrophages. <i>Methods in Molecular Biology</i> , 2017, 1527, 311-320.	0.4	22
20	Comprehensive Characterization of the Vascular Effects of Cisplatin-Based Chemotherapy in Patients With Testicular Cancer. <i>JACC: CardioOncology</i> , 2020, 2, 443-455.	1.7	20
21	Cholesteryl Ester-Transfer Protein Inhibitors Stimulate Aldosterone Biosynthesis in Adipocytes through Nox-Dependent Processes. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2015, 353, 27-34.	1.3	19
22	Lysophosphatidylcholine induces oxidative stress in human endothelial cells via NOX5 activation – implications in atherosclerosis. <i>Clinical Science</i> , 2021, 135, 1845-1858.	1.8	18
23	Interferon-stimulated gene 15 pathway is a novel mediator of endothelial dysfunction and aneurysms development in angiotensin II infused mice through increased oxidative stress. <i>Cardiovascular Research</i> , 2022, 118, 3250-3268.	1.8	18
24	PAFR activation of NF- $\kappa$ B p65 or p105 precursor dictates pro- and anti-inflammatory responses during TLR activation in murine macrophages. <i>Scientific Reports</i> , 2016, 6, 32092.	1.6	16
25	Epidermal growth factor signaling through transient receptor potential melastatin 7 cation channel regulates vascular smooth muscle cell function. <i>Clinical Science</i> , 2020, 134, 2019-2035.	1.8	15
26	PAFR in adipose tissue macrophages is associated with anti-inflammatory phenotype and metabolic homeostasis. <i>Clinical Science</i> , 2016, 130, 601-612.	1.8	14
27	Boosting Adaptive Immunity: A New Role for PAFR Antagonists. <i>Scientific Reports</i> , 2016, 6, 39146.	1.6	12
28	Exosomes and the cardiovascular system: role in cardiovascular health and disease. <i>Journal of Physiology</i> , 2023, 601, 4923-4936.	1.3	12
29	Off-Target Vascular Effects of Cholesteryl Ester Transfer Protein Inhibitors Involve Redox-Sensitive and Signal Transducer and Activator of Transcription 3-Dependent Pathways. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2016, 357, 415-422.	1.3	9
30	Selective Inhibition of the C-Domain of ACE (Angiotensin-Converting Enzyme) Combined With Inhibition of NEP (Nepriylsin): A Potential New Therapy for Hypertension. <i>Hypertension</i> , 2021, 78, 604-616.	1.3	7
31	Progenitor Cells, Bone Marrow-Derived Fibrocytes and Endothelial-to-Mesenchymal Transition. <i>Hypertension</i> , 2016, 67, 272-274.	1.3	5
32	Interplay between Hormones, the Immune System, and Metabolic Disorders. <i>Mediators of Inflammation</i> , 2018, 2018, 1-2.	1.4	5
33	Lessons Learned From RAG-1-Deficient Mice in Hypertension. <i>Hypertension</i> , 2020, 75, 935-937.	1.3	4
34	[The magnesium global network (MaGNet) to promote research on magnesium in diseases focusing on covid-19]. <i>Magnesium Research</i> , 2021, 34, 90-92.	0.4	1
35	Mg 2+ Channels as the Link Between Mg 2+ Deficiency and COMT Downregulation in Salt-Sensitive Hypertension. <i>Hypertension</i> , 2021, 78, 151-154.	1.3	0
36	Arterial Hypertension. , 2022, , .		0

#	ARTICLE	IF	CITATIONS
37	The vascular phenotype in hypertension. , 2022, , 327-342.		0