Francisco J Rios

List of Publications by Year
in descending order

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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	Exosomes and the cardiovascular system: role in cardiovascular health and disease. Journal of Physiology, 2023, 601, 4923-4936.	1.3	12
2	Central role of c-Src in NOX5- mediated redox signalling in vascular smooth muscle cells in human hypertension. Cardiovascular Research, 2022, 118, 1359-1373.	1.8	26
3	Interferon-stimulated gene 15 pathway is a novel mediator of endothelial dysfunction and aneurysms development in angiotensin II infused mice through increased oxidative stress. Cardiovascular Research, 2022, 118, 3250-3268.	1.8	18
4	Arterial Hypertension. , 2022, , .		0
5	The vascular phenotype in hypertension. , 2022, , 327-342.		0
6	Oxidative Stress and Hypertension. Circulation Research, 2021, 128, 993-1020.	2.0	188
7	Mg 2+ Channels as the Link Between Mg 2+ Deficiency and COMT Downregulation in Salt-Sensitive Hypertension. Hypertension, 2021, 78, 151-154.	1.3	0
8	Lysophosphatidylcholine induces oxidative stress in human endothelial cells via NOX5 activation â€“ implications in atherosclerosis. Clinical Science, 2021, 135, 1845-1858.	1.8	18
9	Selective Inhibition of the C-Domain of ACE (Angiotensin-Converting Enzyme) Combined With Inhibition of NEP (Neprilysin): A Potential New Therapy for Hypertension. Hypertension, 2021, 78, 604-616.	1.3	7
10	[The magnesium global network (MaGNet) to promote research on magnesium in diseases focusing on covid-19]. Magnesium Research, 2021, 34, 90-92.	0.4	1
11	Chanzyme TRPM7 protects against cardiovascular inflammation and fibrosis. Cardiovascular Research, 2020, 116, 721-735.	1.8	78
12	Crosstalk Between Vascular Redox and Calcium Signaling in Hypertension Involves TRPM2 (Transient) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.3	35
13	Comprehensive Characterization of the Vascular Effects of Cisplatin-Based Chemotherapy in Patients With TesticularÂCancer. JACC: CardioOncology, 2020, 2, 443-455.	1.7	20
14	Lessons Learned From RAG-1-Deficient Mice in Hypertension. Hypertension, 2020, 75, 935-937.	1.3	4
15	Oxidative Stress: A Unifying Paradigm in Hypertension. Canadian Journal of Cardiology, 2020, 36, 659-670.	0.8	138
16	Epidermal growth factor signaling through transient receptor potential melastatin 7 cation channel regulates vascular smooth muscle cell function. Clinical Science, 2020, 134, 2019-2035.	1.8	15
17	Acute effects of electronic and tobacco cigarettes on vascular and respiratory function in healthy volunteers. Journal of Hypertension, 2019, 37, 154-166.	0.3	54
18	TRPM7, Magnesium, and Signaling. International Journal of Molecular Sciences, 2019, 20, 1877.	1.8	99

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19	Microparticles from vascular endothelial growth factor pathway inhibitor-treated cancer patients mediate endothelial cell injury. Cardiovascular Research, 2019, 115, 978-988.	1.8	32
20	Vascular Biology of Superoxide-Generating NADPH Oxidase 5â€"Implications in Hypertension and Cardiovascular Disease. Antioxidants and Redox Signaling, 2019, 30, 1027-1040.	2.5	63
21	ER stress and Rho kinase activation underlie the vasculopathy of CADASIL. JCI Insight, 2019, 4, .	2.3	31
22	VEGFR (Vascular Endothelial Growth Factor Receptor) Inhibition Induces Cardiovascular Damage via Redox-Sensitive Processes. Hypertension, 2018, 71, 638-647.	1.3	73
23	Vascular smooth muscle contraction in hypertension. Cardiovascular Research, 2018, 114, 529-539.	1.8	393
24	Interplay between Hormones, the Immune System, and Metabolic Disorders. Mediators of Inflammation, 2018, 2018, 1-2.	1.4	5
25	Vascular Nox (NADPH Oxidase) Compartmentalization, Protein Hyperoxidation, and Endoplasmic Reticulum Stress Response in Hypertension. Hypertension, 2018, 72, 235-246.	1.3	88
26	NADPH Oxidase 5 Is a Proâ€Contractile Nox Isoform and a Point of Crossâ€Talk for Calcium and Redox Signalingâ€Implications in Vascular Function. Journal of the American Heart Association, 2018, 7, .	1.6	51
27	Isolation and Differentiation of Murine Macrophages. Methods in Molecular Biology, 2017, 1527, 297-309.	0.4	50
28	Isolation and Differentiation of Human Macrophages. Methods in Molecular Biology, 2017, 1527, 311-320.	0.4	22
29	Boosting Adaptive Immunity: A New Role for PAFR Antagonists. Scientific Reports, 2016, 6, 39146.	1.6	12
30	PAFR in adipose tissue macrophages is associated with anti-inflammatory phenotype and metabolic homoeostasis. Clinical Science, 2016, 130, 601-612.	1.8	14
31	PAFR activation of NF-ÎºB p65 or p105 precursor dictates pro- and anti-inflammatory responses during TLR activation in murine macrophages. Scientific Reports, 2016, 6, 32092.	1.6	16
32	Progenitor Cells, Bone Marrowâ€"Derived Fibrocytes and Endothelial-to-Mesenchymal Transition. Hypertension, 2016, 67, 272-274.	1.3	5
33	Off-Target Vascular Effects of Cholesteryl Ester Transfer Protein Inhibitors Involve Redox-Sensitive and Signal Transducer and Activator of Transcription 3-Dependent Pathways. Journal of Pharmacology and Experimental Therapeutics, 2016, 357, 415-422.	1.3	9
34	Cholesteryl Ester-Transfer Protein Inhibitors Stimulate Aldosterone Biosynthesis in Adipocytes through Nox-Dependent Processes. Journal of Pharmacology and Experimental Therapeutics, 2015, 353, 27-34.	1.3	19
35	Hypertension Due to Antiangiogenic Cancer Therapy With Vascular Endothelial Growth Factor Inhibitors: Understanding and Managing a New Syndrome. Canadian Journal of Cardiology, 2014, 30, 534-543.	0.8	110
36	Angiotensin II and Vascular Injury. Current Hypertension Reports, 2014, 16, 431.	1.5	308

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37	Oxidized LDL Induces Alternative Macrophage Phenotype through Activation of CD36 and PAFR. Mediators of Inflammation, 2013, 2013, 1-8.	1.4	71