

# Carolina D Garciarena

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

975  
citations

393982

19  
h-index

580395

25  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1445  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electroconductive Biohybrid Collagen/Pristine Graphene Composite Biomaterials with Enhanced Biological Activity. <i>Advanced Materials</i> , 2018, 30, e1706442.	11.1	81
2	Distinct moieties underlie biphasic H <sup>+</sup> gating of connexin43 channels, producing a pH optimum for intercellular communication. <i>FASEB Journal</i> , 2018, 32, 1969-1981.	0.2	9
3	Inhibition of Vascular Endothelial Cell Leak Following Escherichia coli Attachment in an Experimental Model of Sepsis. <i>Critical Care Medicine</i> , 2018, 46, e805-e810.	0.4	20
4	Pre-emptive and therapeutic value of blocking bacterial attachment to the endothelial alphaVbeta3 integrin with cilengitide in sepsis. <i>Critical Care</i> , 2017, 21, 246.	2.5	11
5	Towards 3D in vitro models for the study of cardiovascular tissues and disease. <i>Drug Discovery Today</i> , 2016, 21, 1437-1445.	3.2	31
6	Coordinated Molecular Cross-Talk between Staphylococcus aureus, Endothelial Cells and Platelets in Bloodstream Infection. <i>Pathogens</i> , 2015, 4, 869-882.	1.2	16
7	Low and High pH Gating of Connexin43 Channels. <i>Biophysical Journal</i> , 2013, 104, 281a.	0.2	0
8	H <sup>+</sup> -activated Na <sup>+</sup> influx in the ventricular myocyte couples Ca <sup>2+</sup> -signalling to intracellular pH. <i>Journal of Molecular and Cellular Cardiology</i> , 2013, 61, 51-59.	0.9	44
9	Sarcolemmal localisation of Na <sup>+</sup> /H <sup>+</sup> exchange and Na <sup>+</sup> -HCO <sub>3</sub> <sup>-</sup> cotransport influences the spatial regulation of intracellular pH in rat ventricular myocytes. <i>Journal of Physiology</i> , 2013, 591, 2287-2306.	1.3	48
10	Myocardial Reperfusion Injury: Reactive Oxygen Species vs. NHE-1 Reactivation. <i>Cellular Physiology and Biochemistry</i> , 2011, 27, 13-22.	1.1	23
11	Phosphodiesterase 5A Inhibition Decreases NHE-1 Activity Without Altering Steady State pH; Role of Phosphatases. <i>Cellular Physiology and Biochemistry</i> , 2010, 26, 531-540.	1.1	10
12	Decreased Activity of the Na <sup>+</sup> /H <sup>+</sup> Exchanger by Phosphodiesterase 5A Inhibition Is Attributed to an Increase in Protein Phosphatase Activity. <i>Hypertension</i> , 2010, 56, 690-695.	1.3	21
13	Early Hypertrophic Signals After Myocardial Stretch. Role of Reactive Oxygen Species and the Sodium/Hydrogen Exchanger. , 2010, , 327-371.		6
14	Endurance Training in the Spontaneously Hypertensive Rat. <i>Hypertension</i> , 2009, 53, 708-714.	1.3	91
15	Role of reactive oxygen species (ROS) in angiotensin II-induced stimulation of the cardiac Na <sup>+</sup> /HCO <sub>3</sub> <sup>-</sup> cotransport. <i>Journal of Molecular and Cellular Cardiology</i> , 2009, 47, 716-722.	0.9	32
16	Chronic NHE-1 blockade induces an antiapoptotic effect in the hypertrophied heart. <i>Journal of Applied Physiology</i> , 2009, 106, 1325-1331.	1.2	34
17	Is Cardiac Hypertrophy in Spontaneously Hypertensive Rats the Cause or the Consequence of Oxidative Stress?. <i>Hypertension Research</i> , 2008, 31, 1465-1476.	1.5	55
18	Na <sup>+</sup> /H <sup>+</sup> exchanger-1 inhibitors decrease myocardial superoxide production via direct mitochondrial action. <i>Journal of Applied Physiology</i> , 2008, 105, 1706-1713.	1.2	78

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19	Early signals after stretch leading to cardiac hypertrophy. Key role of NHE-1. <i>Frontiers in Bioscience - Landmark</i> , 2008, Volume, 7096.	3.0	27
20	From Anreps Phenomenon to Myocardial Hypertrophy: Role of the Na <sup>+</sup> /H <sup>+</sup> Exchanger. <i>Current Cardiology Reviews</i> , 2007, 3, 149-164.	0.6	7
21	Normalization of the calcineurin pathway underlies the regression of hypertensive hypertrophy induced by Na <sup>+</sup> /H <sup>+</sup> exchanger-1 (NHE-1) inhibition. This paper is one of a selection of papers published in this Special Issue, entitled <i>The Cellular and Molecular Basis of Cardiovascular Dysfunction, Dhalla 70th Birthday Tribute.</i> <i>Canadian Journal of Physiology and Pharmacology</i> , 2007, 85, 301-310.	0.7	41
22	Phosphodiesterase 5A Inhibition Induces Na <sup>+</sup> /H <sup>+</sup> Exchanger Blockade and Protection Against Myocardial Infarction. <i>Hypertension</i> , 2007, 49, 1095-1103.	1.3	63
23	Mitochondrial reactive oxygen species activate the slow force response to stretch in feline myocardium. <i>Journal of Physiology</i> , 2007, 584, 895-905.	1.3	67
24	Endothelin-1 induced hypertrophic effect in neonatal rat cardiomyocytes: Involvement of Na <sup>+</sup> /H <sup>+</sup> and Na <sup>+</sup> /Ca <sup>2+</sup> exchangers. <i>Journal of Molecular and Cellular Cardiology</i> , 2006, 41, 807-815.	0.9	56
25	The Positive Inotropic Effect of Angiotensin II. <i>Hypertension</i> , 2006, 47, 727-734.	1.3	70
26	Endothelin isoforms and the response to myocardial stretch. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005, 288, H2925-H2930.	1.5	30