

# Carlota Saldanha

## List of Publications by Year in descending order

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Version: 2024-02-01

60  
papers

1,573  
citations

430442

18  
h-index

301761

39  
g-index

61  
all docs

61  
docs citations

61  
times ranked

2366  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multidisciplinary utilization of dimethyl sulfoxide: pharmacological, cellular, and molecular aspects. <i>Biochemical Pharmacology</i> , 2003, 65, 1035-1041.	2.0	528
2	Evaluation of Lipopolysaccharide Aggregation by Light Scattering Spectroscopy. <i>ChemBioChem</i> , 2003, 4, 96-100.	1.3	132
3	An overview about erythrocyte membrane. <i>Clinical Hemorheology and Microcirculation</i> , 2010, 44, 63-74.	0.9	116
4	Acetylcholine and choline effects on erythrocyte nitrite and nitrate levels. <i>Journal of Applied Toxicology</i> , 2004, 24, 419-427.	1.4	48
5	Erythrocyte deformability – A partner of the inflammatory response. <i>Microvascular Research</i> , 2016, 107, 34-38.	1.1	48
6	Human Erythrocyte Acetylcholinesterase in Health and Disease. <i>Molecules</i> , 2017, 22, 1499.	1.7	47
7	Modulation of erythrocyte deformability by PKC activity. <i>Clinical Hemorheology and Microcirculation</i> , 2008, 39, 363-373.	0.9	44
8	Hemorheological parameters are related to subclinical atherosclerosis in systemic lupus erythematosus and rheumatoid arthritis patients. <i>Atherosclerosis</i> , 2011, 219, 821-826.	0.4	40
9	Expression and Subcellular Localization of a Novel Nuclear Acetylcholinesterase Protein. <i>Journal of Biological Chemistry</i> , 2007, 282, 25597-25603.	1.6	35
10	Amperometric measurements of nitric oxide in erythrocytes. <i>Biosensors and Bioelectronics</i> , 2004, 20, 505-508.	5.3	34
11	Fluorescence spectroscopy evaluation of fibrinogen- <sup>125</sup> I-estradiol binding. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2007, 86, 170-176.	1.7	27
12	Non-neuronal cholinergic system and signal transduction pathways mediated by band 3 in red blood cells. <i>Clinical Hemorheology and Microcirculation</i> , 2008, 40, 207-227.	0.9	27
13	Gramicidin D and Dithiothreitol Effects on Erythrocyte Exovesiculation. <i>Cell Biochemistry and Biophysics</i> , 2005, 43, 419-430.	0.9	23
14	Biochemical characterization of human umbilical vein endothelial cell membrane bound acetylcholinesterase. <i>FEBS Journal</i> , 2005, 272, 5584-5594.	2.2	21
15	Nitric oxide effects on human erythrocytes structural and functional properties—an in vitro study. <i>Clinical Hemorheology and Microcirculation</i> , 2002, 27, 137-47.	0.9	21
16	Fibrinogen interaction with the red blood cell membrane. <i>Clinical Hemorheology and Microcirculation</i> , 2013, 53, 39-44.	0.9	20
17	Modulation of erythrocyte hemorheological properties by band 3 phosphorylation and dephosphorylation. <i>Clinical Hemorheology and Microcirculation</i> , 2007, 36, 183-94.	0.9	20
18	Long-term prognostic value of protein C activity, erythrocyte aggregation and erythrocyte membrane fluidity in transmural myocardial infarction. 36-month follow-up. <i>Thrombosis and Haemostasis</i> , 2005, 94, 380-8.	1.8	19

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19	Acetylcholinesterase Conformational States Influence Nitric Oxide Mobilization in the Erythrocyte. <i>Journal of Membrane Biology</i> , 2015, 248, 349-354.	1.0	19
20	Evidence of prolonged disturbances in the haemostatic, hemorheologic and inflammatory profiles in transmural myocardial infarction survivors. <i>Thrombosis and Haemostasis</i> , 2003, 89, 892-903.	1.8	17
21	Milk enriched with phytosterols reduces plasma cholesterol levels in healthy and hypercholesterolemic subjects. <i>Nutrition Research</i> , 2007, 27, 200-205.	1.3	17
22	Changes of soluble CD40 ligand in the progression of acute myocardial infarction associate to endothelial nitric oxide synthase polymorphisms and vascular endothelial growth factor but not to platelet CD62P expression. <i>Translational Research</i> , 2015, 166, 650-659.	2.2	17
23	An in vitro study of adrenaline effect on human erythrocyte properties in both gender. <i>Clinical Hemorheology and Microcirculation</i> , 2003, 28, 89-98.	0.9	17
24	Tissue Oxygen Demand in Regulation of the Behavior of the Cells in the Vasculature. <i>Microcirculation</i> , 2013, 20, 484-501.	1.0	16
25	Application of a Nitric Oxide Sensor in Biomedicine. <i>Biosensors</i> , 2014, 4, 1-17.	2.3	15
26	Modulation of erythrocyte deformability by PKC activity. <i>Clinical Hemorheology and Microcirculation</i> , 2008, 39, 363-73.	0.9	15
27	Modulation of hemorheological parameters by the erythrocyte redox thiol status. <i>Clinical Hemorheology and Microcirculation</i> , 2008, 40, 99-111.	0.9	14
28	Identification of erythrocyte biomarkers in amyotrophic lateral sclerosis. <i>Clinical Hemorheology and Microcirculation</i> , 2016, 63, 423-437.	0.9	13
29	Integration of intracellular signaling: Biological analogues of wires, processors and memories organized by a centrosome 3D reference system. <i>BioSystems</i> , 2018, 173, 191-206.	0.9	13
30	Assessment of laboratory measurements and $\alpha^{308}$ TNF $\pm$ gene promoter polymorphisms in normal bone mineral density. <i>Clinical Rheumatology</i> , 2008, 27, 301-307.	1.0	12
31	Redox thiol status plays a central role in the mobilization and metabolism of nitric oxide in human red blood cells. <i>Cell Biology International</i> , 2009, 33, 268-275.	1.4	12
32	Non-neuronal cholinergic system and signal transduction pathways mediated by band 3 in red blood cells. <i>Clinical Hemorheology and Microcirculation</i> , 2008, 40, 207-27.	0.9	11
33	S-nitrosoglutathione efflux in the erythrocyte. <i>Clinical Hemorheology and Microcirculation</i> , 2015, 60, 397-404.	0.9	10
34	Physiological role of erythrocyte nitric oxide. <i>Clinical Hemorheology and Microcirculation</i> , 2017, 64, 517-520.	0.9	10
35	Fibrinogen- $\hat{1}^2$ -Estradiol Binding Studied by Fluorescence Spectroscopy: Denaturation and pH Effects. <i>Journal of Fluorescence</i> , 2006, 16, 207-213.	1.3	9
36	Stratification of ST-elevation myocardial infarction patients based on soluble CD40L longitudinal changes. <i>Translational Research</i> , 2016, 176, 95-104.	2.2	9

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37	A colorimetric process to visualize erythrocyte exovesicles aggregates. <i>Biochemistry and Molecular Biology Education</i> , 2004, 32, 250-253.	0.5	6
38	Instrumental analysis applied to erythrocyte properties. <i>Journal of Cellular Biotechnology</i> , 2015, 1, 81-93.	0.1	6
39	Timolol Modulates Erythrocyte Nitric Oxide Bioavailability. <i>Journal of Clinical &amp; Experimental Ophthalmology</i> , 2013, 04, .	0.1	6
40	Changes in Blood Cell Membrane Properties in HIV Type-1-Infected Patients. <i>AIDS Research and Human Retroviruses</i> , 2006, 22, 849-853.	0.5	5
41	Enfuvirtide effects on human erythrocytes and lymphocytes functional properties. <i>Journal of Peptide Science</i> , 2008, 14, 448-454.	0.8	5
42	Beta-estradiol and ethinylestradiol enhance RBC deformability dependent on their blood concentration. <i>Clinical Hemorheology and Microcirculation</i> , 2018, 70, 339-345.	0.9	5
43	Endothelial Cell Plasma Membrane Biomechanics Mediates Effects of Pro-Inflammatory Factors on Endothelial Mechanosensors: Vicious Circle Formation in Atherogenic Inflammation. <i>Membranes</i> , 2022, 12, 205.	1.4	5
44	PTEN $\hat{c}$ meets $\hat{c}$ DMSO. <i>Leukemia Research</i> , 2005, 29, 361-362.	0.4	4
45	Signal transduction pathways in erythrocyte nitric oxide metabolism under high fibrinogen levels. <i>Korea Australia Rheology Journal</i> , 2014, 26, 217-223.	0.7	4
46	Hydrodynamics of a free-flowing leukocyte toward the endothelial wall. <i>Microvascular Research</i> , 2017, 112, 7-13.	1.1	4
47	Soluble CD40 ligand profiles in patients with septic shock. <i>Clinical Hemorheology and Microcirculation</i> , 2017, 64, 965-970.	0.9	4
48	Erythrocyte nitric oxide in glaucoma patients $\hat{c}$ ex vivo study. <i>Clinical Hemorheology and Microcirculation</i> , 2017, 64, 989-994.	0.9	3
49	Hemorheology, microcirculation and macrocirculation. <i>Revista Portuguesa De Cardiologia</i> , 2020, 39, 25-26.	0.2	3
50	Evaluation of hemorheological parameters as biomarkers of calcium metabolism and insulin resistance in postmenopausal women. <i>Clinical Hemorheology and Microcirculation</i> , 2021, 77, 395-410.	0.9	3
51	Two Motors and One Spring: Hypothetic Roles of Non-Muscle Myosin II and Submembrane Actin-Based Cytoskeleton in Cell Volume Sensing. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7967.	1.8	3
52	Effects of Oxygen Depletion on Transmembrane Protein Activities. <i>Current Organic Chemistry</i> , 2015, 19, 2002-2010.	0.9	3
53	Effect of oxidized LDL on erythrocyte nitric oxide metabolism. <i>Clinical Hemorheology and Microcirculation</i> , 2017, 64, 971-975.	0.9	2
54	An ex vivo study of nitric oxide efflux from human erythrocytes in both genders. <i>Clinical Hemorheology and Microcirculation</i> , 2017, 64, 951-955.	0.9	2

#	ARTICLE	IF	CITATIONS
55	Hemorheology, microcirculation and macrocirculation. Revista Portuguesa De Cardiologia (English) Tj ETQq1 1 0.784314 rgBJ /Overl	0.2	0
56	Pleiotropic and Potentially Beneficial Effects of Reactive Oxygen Species on the Intracellular Signaling Pathways in Endothelial Cells. Antioxidants, 2021, 10, 904.	2.2	2
57	Blood Cell Membrane Fluidity and Intracellular Ca <sup>2+</sup> Changes in Antiretroviral-Na <sup>+</sup> and -Treated HIV-1 <sup>+</sup> Infected Patients. Scientific World Journal, The, 2010, 10, 350-355.	0.8	0
58	Erythrocyte Nitric Oxide. , 2018, , .		0
59	Timolol effects on erythrocyte deformability and nitric oxide metabolism. Clinical Hemorheology and Microcirculation, 2018, 69, 165-173.	0.9	0
60	Effect of oxidized LDL on erythrocyte nitric oxide metabolism. Clinical Hemorheology and Microcirculation, 2016, , 1-5.	0.9	0