# Carlos Labat

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4921350/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 109 papers | 8,644 citations | 57758 44 h-index | 43889 91 g-index |
| 114 all docs | 114 docs citations | 114 times ranked | 10595 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Non-Invasive Assessment of Arterial Stiffness: Pulse Wave Velocity, Pulse Wave Analysis and Carotid Cross-Sectional Distensibility: Comparison between Methods. Journal of Clinical Medicine, 2022, 11, 2225. | 2.4 | 13 |
| 2 | The Nexus Between Telomere Length and Lymphocyte Count in Seniors Hospitalized With COVID-19. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2021, 76, e97-e101. | 3.6 | 25 |
| 3 | Telomere Length in Valve Tissue Is Shorter in Individuals With Aortic Stenosis and in Calcified Valve Areas. Frontiers in Cell and Developmental Biology, 2021, 9, 618335. | 3.7 | 5 |
| 4 | Number and Replating Capacity of Endothelial Colonyâ€Forming Cells are Telomere Length Dependent: Implication for Human Atherogenesis. Journal of the American Heart Association, 2021, 10, e020606. | 3.7 | 8 |
| 5 | A genetic determinant of VEGF-A levels is associated with telomere attrition. Aging, 2021, 13, 23517-23526. | 3.1 | 2 |
| 6 | TERC Variants Associated with Short Leukocyte Telomeres: Implication of Higher Early Life Leukocyte Telomere Attrition as Assessed by the Blood-and-Muscle Model. Cells, 2020, 9, 1360. | 4.1 | 3 |
| 7 | Telomere length tracking in children and their parents: implications for adult onset diseases. FASEB Journal, 2019, 33, 14248-14253. | 0.5 | 42 |
| 8 | Smoking does not accelerate leucocyte telomere attrition: a meta-analysis of 18 longitudinal cohorts. Royal Society Open Science, 2019, 6, 190420. | 2.4 | 33 |
| 9 | Telomere length and age-dependent telomere attrition: the blood-and-muscle model. Canadian Journal of Physiology and Pharmacology, 2019, 97, 328-334. | 1.4 | 5 |
| 10 | Effects of metabolic syndrome on arterial function in different age groups. Journal of Hypertension, 2018, 36, 824-833. | 0.5 | 79 |
| 11 | Prognostic Association of Major Frailty Domain Trajectories With 5-Year Mortality in Very Old Adults: Results From the PARTAGE Cohort Study. American Journal of Epidemiology, 2018, 187, 1678-1685. | 3.4 | 2 |
| 12 | Telomere length dynamics in early life: the bloodâ€andâ€muscle model. FASEB Journal, 2018, 32, 529-534. | 0.5 | 44 |
| 13 | Short Leukocyte Telomere Length Precedes Clinical Expression of Atherosclerosis. Circulation Research, 2018, 122, 616-623. | 4.5 | 74 |
| 14 | Differential Associations for Salivary Sodium, Potassium, Calcium, and Phosphate Levels with Carotid Intima Media Thickness, Heart Rate, and Arterial Stiffness. Disease Markers, 2018, 2018, 1-12. | 1.3 | 17 |
| 15 | Interest of Combined Blood Pressure Measurements in Very Old Frail Subjects: The PARTAGE Study. American Journal of Hypertension, 2018, 31, 950-956. | 2.0 | 0 |
| 16 | Low salivary resolvin D1 to leukotriene B<sub>4</sub> ratio predicts carotid intima media thickness: A novel biomarker of non-resolving vascular inflammation. European Journal of Preventive Cardiology, 2017, 24, 903-906. | 1.8 | 65 |
| 17 | Short Telomeres, but Not Telomere Attrition Rates, Are Associated With Carotid Atherosclerosis. Hypertension, 2017, 70, 420-425. | 2.7 | 53 |
| 18 | Vimentin knockout results in increased expression of sub-endothelial basement membrane components and carotid stiffness in mice. Scientific Reports, 2017, 7, 11628. | 3.3 | 40 |

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|---|---|---|---|
| 19 | Telomeres and the natural lifespan limit in humans. Aging, 2017, 9, 1130-1142. | 3.1 | 82 |
| 20 | A short leucocyte telomere length is associated with development of insulin resistance. Diabetologia, 2016, 59, 1258-1265. | 6.3 | 77 |
| 21 | Preventive and chronic mineralocorticoid receptor antagonism is highly beneficial in obese SHHF rats. British Journal of Pharmacology, 2016, 173, 1805-1819. | 5.4 | 18 |
| 22 | Evidence for a Prognostic Role of Orthostatic Hypertension on Survival in a Very Old Institutionalized Population. Hypertension, 2016, 67, 191-196. | 2.7 | 55 |
| 23 | Leukotrienes as Biomarkers of Cardiovascular Disease. , 2016, , 449-466. | | 0 |
| 24 | Do Arterial Hemodynamic Parameters Predict Cognitive Decline Over a Period of 2ÂYears in Individuals Older Than 80ÂYears Living in Nursing Homes? The PARTAGE Study. Journal of the American Medical Directors Association, 2015, 16, 598-602. | 2.5 | 23 |
| 25 | Leukocyte telomere length dynamics in women and men: menopause vs age effects. International Journal of Epidemiology, 2015, 44, 1688-1695. | 1.9 | 87 |
| 26 | Treatment With Multiple Blood Pressure Medications, Achieved Blood Pressure, and Mortality in Older Nursing Home Residents. JAMA Internal Medicine, 2015, 175, 989. | 5.1 | 225 |
| 27 | Role of smooth muscle cell mineralocorticoid receptor in vascular tone. Pflugers Archiv European Journal of Physiology, 2015, 467, 1643-1650. | 2.8 | 20 |
| 28 | Simultaneous Characterization of Metabolic, Cardiac, Vascular and Renal Phenotypes of Lean and Obese SHHF Rats. PLoS ONE, 2014, 9, e96452. | 2.5 | 11 |
| 29 | Disseminated Arterial Calcification and Enhanced Myogenic Response Are Associated With Abcc6 Deficiency in a Mouse Model of Pseudoxanthoma Elasticum. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 1045-1056. | 2.4 | 26 |
| 30 | Sex difference in leukocyte telomere length is ablated in opposite-sex co-twins. International Journal of Epidemiology, 2014, 43, 1799-1805. | 1.9 | 31 |
| 31 | Smooth Muscle Cell Mineralocorticoid Receptors Are Mandatory for Aldosteroneâ€“Salt to Induce Vascular Stiffness. Hypertension, 2014, 63, 520-526. | 2.7 | 97 |
| 32 | Relationship between catalase haplotype and arterial aging. Atherosclerosis, 2013, 227, 100-105. | 0.8 | 14 |
| 33 | Tracking and fixed ranking of leukocyte telomere length across the adult life course. Aging Cell, 2013, 12, 615-621. | 6.7 | 197 |
| 34 | Left ventricular ejection time, not heart rate, is an independent correlate of aortic pulse wave velocity. Journal of Applied Physiology, 2013, 115, 1610-1617. | 2.5 | 51 |
| 35 | Inflammatory mediators in saliva associated with arterial stiffness and subclinical atherosclerosis. Journal of Hypertension, 2013, 31, 2251-2258. | 0.5 | 54 |
| 36 | Reference intervals for common carotid intima-media thickness measured with echotracking: relation with risk factors. European Heart Journal, 2013, 34, 2368-2380. | 2.2 | 228 |

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| 37 | Telomeres shorten at equivalent rates in somatic tissues of adults. Nature Communications, 2013, 4, 1597. | 12.8 | 502 |
| 38 | Inactivation of Serum Response Factor Contributes To Decrease Vascular Muscular Tone and Arterial Stiffness in Mice. Circulation Research, 2013, 112, 1035-1045. | 4.5 | 43 |
| 39 | Influence of the AGTR1 A1166C Genotype on the Progression of Arterial Stiffness: A 16-Year Longitudinal Study. American Journal of Hypertension, 2013, 26, 1421-1427. | 2.0 | 15 |
| 40 | Absence of Cardiotrophin 1 Is Associated With Decreased Age-Dependent Arterial Stiffness and Increased Longevity in Mice. Hypertension, 2013, 61, 120-129. | 2.7 | 42 |
| 41 | Elderly Algerian women lose their sex-advantage in terms of arterial stiffness and cardiovascular profile. Journal of Hypertension, 2013, 31, 2244-2250. | 0.5 | 3 |
| 42 | Fatty Acids Impair Endothelium-Dependent Vasorelaxation: A Link Between Obesity and Arterial Stiffness in Very Old Zucker Rats. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2012, 67, 927-938. | 3.6 | 18 |
| 43 | Cardiotrophin 1 Is Involved in Cardiac, Vascular, and Renal Fibrosis and Dysfunction. Hypertension, 2012, 60, 563-573. | 2.7 | 55 |
| 44 | Orthostatic hypotension in very old individuals living in nursing homes. Journal of Hypertension, 2012, 30, 53-60. | 0.5 | 78 |
| 45 | Pulse Wave Velocity is Associated With 1-Year Cognitive Decline in the Elderly Older than 80 Years: The PARTAGE Study. Journal of the American Medical Directors Association, 2012, 13, 239-243. | 2.5 | 61 |
| 46 | Mortality and Cardiovascular Events Are Best Predicted by Low Central/Peripheral Pulse Pressure Amplification But Not by High Blood Pressure Levels in Elderly Nursing Home Subjects. Journal of the American College of Cardiology, 2012, 60, 1503-1511. | 2.8 | 156 |
| 47 | Increased Microparticle Production and Impaired Microvascular Endothelial Function in Aldosterone-Salt-Treated Rats: Protective Effects of Polyphenols. PLoS ONE, 2012, 7, e39235. | 2.5 | 29 |
| 48 | Klotho KL-VS genotype is involved in blood pressure regulation. Clinica Chimica Acta, 2011, 412, 1773-1777. | 1.1 | 19 |
| 49 | A model of canine leukocyte telomere dynamics. Aging Cell, 2011, 10, 991-995. | 6.7 | 34 |
| 50 | Telomere length in vascular tissues from patients with atherosclerotic disease. Journal of Nutrition, Health and Aging, 2011, 15, 153-156. | 3.3 | 50 |
| 51 | Tissue Factor Pathway Inhibitor. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 1226-1232. | 2.4 | 24 |
| 52 | Heart disease and changes in pulse wave velocity and pulse pressure amplification in the elderly over 80 years: the PARTAGE Study. Journal of Hypertension, 2010, 28, 2127-2133. | 0.5 | 34 |
| 53 | Blood pressure and pulse wave velocity values in the institutionalized elderly aged 80 and over: baseline of the PARTAGE study. Journal of Hypertension, 2010, 28, 41-50. | 0.5 | 46 |
| 54 | The endothelial mineralocorticoid receptor regulates vasoconstrictor tone and blood pressure. FASEB Journal, 2010, 24, 2454-2463. | 0.5 | 135 |

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| 55 | Changes in aortic stiffness related to elastic fiber network anomalies in the Brown Norway rat during maturation and aging. American Journal of Physiology - Heart and Circulatory Physiology, 2010, 299, H144-H152. | 3.2 | 31 |
| 56 | Association of Current Weight and Birth Weight With Blood Pressure Levels in Saharan and European Teenager Populations. American Journal of Hypertension, 2010, 23, 379-386. | 2.0 | 17 |
| 57 | Determinants of pulse wave velocity in healthy people and in the presence of cardiovascular risk factors: â€˜establishing normal and reference valuesâ€™. European Heart Journal, 2010, 31, 2338-2350. | 2.2 | 1,637 |
| 58 | Pulse Pressure Amplification. Journal of the American College of Cardiology, 2010, 55, 1032-1037. | 2.8 | 198 |
| 59 | Selective Reduction of Central Pulse Pressure Under Angiotensin Blockage in SHR: Role of the Fibronectin-Â5Â1 Integrin Complex. American Journal of Hypertension, 2009, 22, 711-717. | 2.0 | 22 |
| 60 | Effects of lean and fat mass on bone mineral density and arterial stiffness in elderly men. Osteoporosis International, 2009, 20, 1385-1391. | 3.1 | 32 |
| 61 | Chronic oxidative stress induces a tissue-specific reduction in telomere length in CAST/Ei mice. Free Radical Biology and Medicine, 2008, 44, 1592-1598. | 2.9 | 102 |
| 62 | Response to Lysyl Oxidase Inhibition Is Responsible for the Vascular Elastic Fiber Phenotype. Hypertension, 2008, 51, . | 2.7 | 0 |
| 63 | Reference values of aortic pulse wave velocity in the elderly. Journal of Hypertension, 2008, 26, 2207-2212. | 0.5 | 49 |
| 64 | Role of Î±<sub>1</sub>Î²<sub>1</sub>-integrin in arterial stiffness and angiotensin-induced arterial wall hypertrophy in mice. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 293, H2597-H2604. | 3.2 | 65 |
| 65 | Modifications of Arterial Phenotype in Response to Amine Oxidase Inhibition by Semicarbazide. Hypertension, 2007, 50, 234-241. | 2.7 | 38 |
| 66 | Prevalence and determinants of hypertension in the Algerian Sahara. Journal of Hypertension, 2007, 25, 2218-2226. | 0.5 | 33 |
| 67 | Sodium, Arterial Stiffness, and Cardiovascular Mortality in Hypertensive Rats. American Journal of Hypertension, 2007, 20, 319-325. | 2.0 | 25 |
| 68 | The Oral Cavity and Age: A Site of Chronic Inflammation?. PLoS ONE, 2007, 2, e1351. | 2.5 | 24 |
| 69 | Carotid arterial stiffness, elastic fibre network and vasoreactivity in semicarbazide-sensitive amine-oxidase null mouse. Cardiovascular Research, 2006, 72, 349-357. | 3.8 | 35 |
| 70 | Respective contribution of age, mean arterial pressure, and body weight on central arterial distensibility in SHR. American Journal of Physiology - Heart and Circulatory Physiology, 2006, 290, H1534-H1539. | 3.2 | 14 |
| 71 | Differences Between Cardiac and Arterial Fibrosis and Stiffness in Aldosterone-Salt Rats: Effect of Eplerenone. JRAAS - Journal of the Renin-Angiotensin-Aldosterone System, 2006, 7, 31-39. | 1.7 | 36 |
| 72 | Aldosterone synthase gene polymorphism, stroke volume and age-related changes in aortic pulse wave velocity in subjects with hypertension. Journal of Hypertension, 2005, 23, 1159-1166. | 0.5 | 32 |

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| 73 | Aldosterone and Telomere Length in White Blood Cells. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2005, 60, 1593-1596. | 3.6 | 23 |
| 74 | Spironolactone improves carotid artery fibrosis and distensibility in rat post-ischaemic heart failure. Journal of Molecular and Cellular Cardiology, 2005, 39, 511-519. | 1.9 | 23 |
| 75 | Semicarbazide-sensitive Amine Oxidase in Annulo-aortic Ectasia Disease: Relation to Elastic Lamellae-associated Proteins. Journal of Histochemistry and Cytochemistry, 2004, 52, 1459-1466. | 2.5 | 13 |
| 76 | Short Telomeres Are Associated With Increased Carotid Atherosclerosis in Hypertensive Subjects. Hypertension, 2004, 43, 182-185. | 2.7 | 306 |
| 77 | Selective reduction of heart rate by ivabradine. Journal of Hypertension, 2004, 22, 1739-1745. | 0.5 | 23 |
| 78 | Validation of a new non-invasive portable tonometer for determining arterial pressure wave and pulse wave velocity. Journal of Hypertension, 2004, 22, 2285-2293. | 0.5 | 245 |
| 79 | Determinants of Accelerated Progression of Arterial Stiffness in Normotensive Subjects and in Treated Hypertensive Subjects Over a 6-Year Period. Circulation, 2002, 105, 1202-1207. | 1.6 | 508 |
| 80 | Increased Carotid Wall Elastic Modulus and Fibronectin in Aldosterone-Saltâ€“Treated Rats. Circulation, 2002, 106, 2848-2853. | 1.6 | 221 |
| 81 | Prevention of aortic and cardiac fibrosis by spironolactone in old normotensive rats. Journal of the American College of Cardiology, 2001, 37, 662-667. | 2.8 | 145 |
| 82 | Effects of Valsartan on Mechanical Properties of the Carotid Artery in Spontaneously Hypertensive Rats Under High-Salt Diet. Hypertension, 2001, 38, 439-443. | 2.7 | 60 |
| 83 | Endothelin gene variants and aortic and cardiac structure in never-treated hypertensives. American Journal of Hypertension, 2001, 14, 755-760. | 2.0 | 50 |
| 84 | Angiotensin II type 1 receptorâˆ’153A/G and 1166A/C gene polymorphisms and increase in aortic stiffness with age in hypertensive subjects. Journal of Hypertension, 2001, 19, 407-413. | 0.5 | 108 |
| 85 | Telomere Length as an Indicator of Biological Aging. Hypertension, 2001, 37, 381-385. | 2.7 | 551 |
| 86 | Anaphylactic bronchoconstriction in BP2 mice: interactions between serotonin and acetylcholine. British Journal of Pharmacology, 1999, 126, 312-316. | 5.4 | 41 |
| 87 | Prostanoid receptors involved in the relaxation of human bronchial preparations. British Journal of Pharmacology, 1999, 126, 867-872. | 5.4 | 78 |
| 88 | Prostanoid receptors involved in the relaxation of human pulmonary vessels. British Journal of Pharmacology, 1999, 126, 859-866. | 5.4 | 109 |
| 89 | Arterial structural changes with verapamil in spontaneously hypertensive rats. American Journal of Hypertension, 1999, 12, 732-738. | 2.0 | 19 |
| 90 | Cysteinyl-Leukotrienes and the Human Lung. Advances in Experimental Medicine and Biology, 1999, 447, 171-179. | 1.6 | 0 |

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| 91 | Cholinesterase activity in pig airways and epithelial cells. Fundamental and Clinical Pharmacology, 1997, 11, 201-205. | 1.9 | 14 |
| 92 | M<sub>1</sub> and M<sub>3</sub> muscarinic receptors in human pulmonary arteries. British Journal of Pharmacology, 1996, 119, 149-157. | 5.4 | 72 |
| 93 | Leukotriene receptors on human pulmonary vascular endothelium. British Journal of Pharmacology, 1995, 115, 1382-1386. | 5.4 | 55 |
| 94 | Endothelial dysfunction in venous pulmonary hypertension in the neonatal piglet. Annals of Thoracic Surgery, 1995, 59, 1155-1161. | 1.3 | 4 |
| 95 | Antagonism of leukotriene responses in human airways by BAY x7195. European Journal of Pharmacology, 1995, 275, 207-212. | 3.5 | 4 |
| 96 | Effects of Î²<sub>2</sub>â€adrenoceptor agonists on antiâ€IgEâ€induced contraction and smooth muscle reactivity in human airways. British Journal of Pharmacology, 1995, 114, 935-940. | 5.4 | 6 |
| 97 | Degradation of acetylcholine in human airways: role of butyrylcholinesterase. British Journal of Pharmacology, 1993, 108, 914-919. | 5.4 | 51 |
| 98 | Response to Anti-human IgE in Human Pulmonary Arteries: Regulation by Endothelium. The American Review of Respiratory Disease, 1993, 147, 1029-1033. | 2.9 | 9 |
| 99 | Inhibitory effects of BAY u3405 on prostanoidâ€induced contractions in human isolated bronchial and pulmonary arterial muscle preparations. British Journal of Pharmacology, 1991, 104, 591-595. | 5.4 | 47 |
| 100 | Effects of Thiazinamium Chloride on Human Isolated Bronchial Muscle Preparations. Respiration, 1989, 55, 220-226. | 2.6 | 1 |
| 101 | Human isolated bronchial muscle preparations from asthmatic patients: Effects of indomethacin and contractile agonists. Prostaglandins, 1989, 37, 457-469. | 1.2 | 28 |
| 102 | Vasorelaxant effects of atrial peptide II on isolated human pulmonary muscle preparations. European Journal of Pharmacology, 1988, 150, 397-400. | 3.5 | 28 |
| 103 | Hispidulin, a natural flavone, inhibits human platelet aggregation by increasing cAMP levels. European Journal of Pharmacology, 1988, 147, 1-6. | 3.5 | 17 |
| 104 | Evidence that the histamine sensitivity and responsiveness of guineaâ€pig isolated trachea are modulated by epithelial prostaglandin E<sub>2</sub> production. British Journal of Pharmacology, 1988, 95, 300-308. | 5.4 | 57 |
| 105 | Antigenic Contraction of Guinea Pig Tracheal Preparations Passively Sensitized with Monoclonal IgE: Pharmacological Modulation. International Archives of Allergy and Immunology, 1988, 87, 342-348. | 2.1 | 4 |
| 106 | Relaxation of isolated human pulmonary muscle preparations with prostacyclin (PGI2) and its analogs. Prostaglandins, 1987, 33, 845-854. | 1.2 | 36 |
| 107 | EFFECTS OF VARIOUS PHARMACOLOGICAL AGENTS ON ISOLATED HUMAN BRONCHIAL AND PULMONARY ARTERIAL AND VENOUS MUSCLE PREPARATIONS CONTRACTED BY LEUKOTRIENE D<sub>4</sub>. Fundamental and Clinical Pharmacology, 1987, 1, 433-444. | 1.9 | 19 |
| 108 | Response and sensitivity of guineaâ€pig airway muscle preparations to 5â€hydroxytryptamine during ontogenesis. British Journal of Pharmacology, 1985, 85, 569-574. | 5.4 | 13 |

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|---|---|---|---|
| 109 | The actions of Paf-acether (platelet-activating factor) on guinea-pig isolated heart preparations. British Journal of Pharmacology, 1983, 80, 81-83. | 5.4 | 108 |