# Camillo Di Giulio

List of Publications by Year
in descending order



| 107 | 2,495 | 201674 | 223800 |
|---|---|---|---|
| papers | citations | 27 h-index | 46 g-index |

| 107 | 107 | 107 | 3002 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Olfactory Response to Altitude Hypoxia: A Pilot Study During a Himalayan Trek. Advances in Experimental Medicine and Biology, 2022, , . | 1.6 | 0 |
| 2 | The effects of exercise training on lipid profile in patients with sarcoidosis. Scientific Reports, 2021, 11, 5551. | 3.3 | 7 |
| 3 | Volatile organic compounds (VOCs) in exhaled breath as a marker of hypoxia in multiple chemical sensitivity. Physiological Reports, 2021, 9, e15034. | 1.7 | 8 |
| 4 | Smell and Taste in Severe CoViD-19: Self-Reported vs. Testing. Frontiers in Medicine, 2020, 7, 589409. | 2.6 | 53 |
| 5 | Comparison of the Effectiveness of High-Intensity Interval Training in Hypoxia and Normoxia in Healthy Male Volunteers: A Pilot Study. BioMed Research International, 2019, 2019, 1-10. | 1.9 | 23 |
| 6 | Ageing of the carotid body. Journal of Physiology, 2018, 596, 3021-3027. | 2.9 | 11 |
| 7 | Long Trekking Experience at High Altitude Causes Testicular Volumetric Reduction in Humans: Evidence Based on Magnetic Resonance Imaging. High Altitude Medicine and Biology, 2017, 18, 191-192. | 0.9 | 3 |
| 8 | The companion dog as a unique translational model for aging. Seminars in Cell and Developmental Biology, 2017, 70, 141-153. | 5.0 | 42 |
| 9 | Physiological effects of high-altitude trekking on gonadal, thyroid hormones and macrophage migration inhibitory factor (MIF) responses in young lowlander women. Physiological Reports, 2017, 5, e13400. | 1.7 | 16 |
| 10 | Functional and neurochemical interactions within the amygdalaâ€“medial prefrontal cortex circuit and their relevance to emotional processing. Brain Structure and Function, 2017, 222, 1267-1279. | 2.3 | 43 |
| 11 | The influence of altitude hypoxia on uroflowmetry parameters in women. American Journal of Physiology - Renal Physiology, 2016, 311, F562-F566. | 2.7 | 5 |
| 12 | Olfactory phenotypic expression unveils human aging. Oncotarget, 2016, 7, 19193-19200. | 1.8 | 16 |
| 13 | Kilimanjaro Abruzzo expedition: effects of high-altitude trekking on anthropometric, cardiovascular and blood biochemical parameters. Sport Sciences for Health, 2015, 11, 271-278. | 1.3 | 9 |
| 14 | Coexpression of Galanin and Nestin in the Chemoreceptor Cells of the Human Carotid Body. Advances in Experimental Medicine and Biology, 2015, 885, 77-82. | 1.6 | 8 |
| 15 | Real time analysis of volatile organic compounds (VOCs) in centenarians. Respiratory Physiology and Neurobiology, 2015, 209, 47-51. | 1.6 | 27 |
| 16 | Effects of hyperoxic exposure on signal transduction pathways in the lung. Respiratory Physiology and Neurobiology, 2015, 209, 106-114. | 1.6 | 28 |
| 17 | Hypoxic Ventilatory Reactivity in Experimental Diabetes. Advances in Experimental Medicine and Biology, 2015, 860, 123-132. | 1.6 | 3 |
| 18 | Volatile organic compounds (VOCs) fingerprint of Alzheimer's disease. Respiratory Physiology and Neurobiology, 2015, 209, 81-84. | 1.6 | 72 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Selective Expression of Galanin in Neuronal-Like Cells of the Human Carotid Body. Advances in Experimental Medicine and Biology, 2015, 860, 315-323. | 1.6 | 13 |
| 20 | Tissue Dynamics of the Carotid Body Under Chronic Hypoxia: A Computational Study. Advances in Experimental Medicine and Biology, 2015, 860, 25-39. | 1.6 | 4 |
| 21 | In the carotid body, galanin is a signal for neurogenesis in young, and for neurodegeneration in the old and in drug-addicted subjects. Frontiers in Physiology, 2014, 5, 427. | 2.8 | 18 |
| 22 | Adaptation of Olfactory Threshold at High Altitude. Advances in Experimental Medicine and Biology, 2014, 837, 19-22. | 1.6 | 8 |
| 23 | Chemoresponsiveness and Breath Physiology in Anosmia. Advances in Experimental Medicine and Biology, 2014, 837, 35-39. | 1.6 | 4 |
| 24 | Inhibition of Peripheral Dopamine Metabolism and the Ventilatory Response to Hypoxia in the Rat. Advances in Experimental Medicine and Biology, 2014, 837, 9-17. | 1.6 | 6 |
| 25 | Cytoglobin and Neuroglobin in the Human Brainstem and Carotid Body. Advances in Experimental Medicine and Biology, 2013, 788, 59-64. | 1.6 | 7 |
| 26 | Non-invasive Assessment of Exhaled Breath Pattern in Patients with Multiple Chemical Sensibility Disorder. Advances in Experimental Medicine and Biology, 2013, 756, 179-188. | 1.6 | 19 |
| 27 | Is Intermittent Hypoxia A Cause of Aging?. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2013, 10, 542-544. | 1.6 | 5 |
| 28 | Cyclosporine and hyperoxia-induced lung damage in neonatal rats. Respiratory Physiology and Neurobiology, 2013, 187, 41-46. | 1.6 | 15 |
| 29 | Inflammatory and immunomodulatory mechanisms in the carotid body. Respiratory Physiology and Neurobiology, 2013, 187, 31-40. | 1.6 | 45 |
| 30 | Pathologies currently identified by exhaled biomarkers. Respiratory Physiology and Neurobiology, 2013, 187, 128-134. | 1.6 | 54 |
| 31 | Do we age faster in absence of gravity?. Frontiers in Physiology, 2013, 4, 134. | 2.8 | 4 |
| 32 | Bartonella henselaeInfection Associated with Autoimmune Thyroiditis in a Child. Hormone Research in Paediatrics, 2013, 79, 185-188. | 1.8 | 16 |
| 33 | Angelo Mosso's Experiments at Very Low Barometric Pressures. High Altitude Medicine and Biology, 2013, 14, 78-79. | 0.9 | 8 |
| 34 | Proteomic Analysis of the Carotid Body: A Preliminary Study. Advances in Experimental Medicine and Biology, 2013, 756, 349-353. | 1.6 | 1 |
| 35 | Real-Time Breath Analysis in Type 2 Diabetes Patients During Cognitive Effort. Advances in Experimental Medicine and Biology, 2013, 788, 247-253. | 1.6 | 17 |
| 36 | PHYSIOLOGY OF AGING IN ITALY. Biophilia, 2013, 3, 14-15. | 0.1 | 0 |

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|---|---|---|---|
| 37 | Does man age faster at the everest peak? A hypothesis paper. Journal of Sports Science and Medicine, 2013, 12, 205-6. | 1.6 | 0 |
| 38 | Human Carotid Body HIF and NGB Expression During Human Development and Aging. Advances in Experimental Medicine and Biology, 2012, 758, 265-271. | 1.6 | 15 |
| 39 | High-altitude hypoxia and reproduction: is there an environmental limit to the human male reproductive system?. Sport Sciences for Health, 2012, 7, 39-40. | 1.3 | 4 |
| 40 | Hypoxic Redistribution of Iron and Calcium in the Cat Glomus Cells. Advances in Experimental Medicine and Biology, 2012, 758, 99-103. | 1.6 | 2 |
| 41 | Spexin Is Expressed in the Carotid Body and Is Upregulated by Postnatal Hyperoxia Exposure. Advances in Experimental Medicine and Biology, 2012, 758, 207-213. | 1.6 | 36 |
| 42 | Physical exercise at high altitude is associated with a testicular dysfunction leading to reduced sperm concentration but healthy sperm quality. Fertility and Sterility, 2011, 96, 28-33. | 1.0 | 33 |
| 43 | Variables associated with severe hypoglycemia in children and adolescents with type 1 diabetes: a population-based study. Pediatric Diabetes, 2011, 12, 4-10. | 2.9 | 20 |
| 44 | Effects of Hypoxia on Nocturnal Erection Quality: A Case Report from the Manaslu Expedition. Journal of Sexual Medicine, 2011, 8, 2386-2390. | 0.6 | 16 |
| 45 | Reduced pulmonary function is age-dependent in the rat lung in normoxia. European Journal of Medical Research, 2010, 15, 108-11. | 2.2 | 2 |
| 46 | Interaction of arachidonic acid with electrogenic properties of mouse chemosensory neurons. European Journal of Medical Research, 2010, 15, 79-82. | 2.2 | 5 |
| 47 | Region-specific effects on brain metabolites of hypoxia and hyperoxia overlaid on cerebral ischemia in young and old rats: a quantitative proton magnetic resonance spectroscopy study. Journal of Biomedical Science, 2010, 17, 14. | 7.0 | 39 |
| 48 | A four-year old-child with widespread pyoderma gangrenosum resistant to topical treatment. European Journal of Dermatology, 2010, 20, 839-40. | 0.6 | 1 |
| 49 | Effect of Hypoxia and Aging on PKC Î´â€Mediated SCâ€35 Phosphorylation in Rat Myocardial Tissue. Anatomical Record, 2009, 292, 1135-1142. | 1.4 | 12 |
| 50 | Dual role of HIF-1Î± in delivering a survival or death signal in hypoxia exposed human K562 erythroleukemia cells. Cell Biology International, 2009, 33, 49-56. | 3.0 | 5 |
| 51 | Hypoxic ventilatory decline during the first 7 days of exposure in intermittent mountain altitude between 4400 and 6960 m. Sport Sciences for Health, 2009, 5, 15-19. | 1.3 | 3 |
| 52 | Carotid Body Sensory Discharge And Glomus Cell Hif-1Î± Are Regulated By A Common Oxygen Sensor. Advances in Experimental Medicine and Biology, 2009, 645, 87-94. | 1.6 | 3 |
| 53 | Neuroglobin in Aging Carotid Bodies. Advances in Experimental Medicine and Biology, 2009, 648, 191-195. | 1.6 | 13 |
| 54 | Iron Chelation and the Ventilatory Response to Hypoxia. Advances in Experimental Medicine and Biology, 2009, 648, 215-221. | 1.6 | 3 |

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| 55 | Physiological Carotid Body Denervation During Aging. Advances in Experimental Medicine and Biology, 2009, 648, 257-263. | 1.6 | 15 |
| 56 | Long-Term Regulation of Carotid Body Function: Acclimatization and Adaptation â€“ Invited Article. Advances in Experimental Medicine and Biology, 2009, 648, 307-317. | 1.6 | 27 |
| 57 | â€œOxygen Supplyâ€•as Modulator of Aging Processes: Hypoxia and Hyperoxia Models for Aging Studies. Current Aging Science, 2009, 2, 95-102. | 1.2 | 27 |
| 58 | Evidence that chronic hypoxia causes reversible impairment on male fertility. Asian Journal of Andrology, 2008, 10, 602-606. | 1.6 | 75 |
| 59 | Pampiniform Plexus and Oxidative Stress during Chronic Hypoxia and Hyperoxia. International Journal of Immunopathology and Pharmacology, 2008, 21, 353-357. | 2.1 | 2 |
| 60 | CO2/H+ Homeostasis: Role of Central and Peripheral Chemoreceptors in Adult Mammals. , 2007, , 229-240. | | 0 |
| 61 | Chronic Hypoxia, Physical Exercise and PSA: Correlation during High-Altitude Trekking (2004 K2) Tj ETQq1 1 0.784314 rgBT /Overlock | 1.3 | 8 |
| 62 | The role of hypoxia in erectile dysfunction mechanisms. International Journal of Impotence Research, 2007, 19, 496-500. | 1.8 | 46 |
| 63 | PKC Î±-mediated CREB activation is oxygen and age-dependent in rat myocardial tissue. Histochemistry and Cell Biology, 2007, 127, 327-333. | 1.7 | 15 |
| 64 | High levels of antioxidant enzymatic defence assure good protection against hypoxic stress in spontaneously diabetic rats. International Journal of Biochemistry and Cell Biology, 2006, 38, 2196-2208. | 2.8 | 16 |
| 65 | Regional changes in the metabolite profile after long-term hypoxia-ischemia in brains of young and aged rats: A quantitative proton MRS study. Neurobiology of Aging, 2006, 27, 98-104. | 3.1 | 40 |
| 66 | Vascular Endothelial Growth Factor Expression (VEGF) in Salivary Glands of Young and Old Hyperoxic Rats. European Journal of Inflammation, 2006, 4, 83-96. | 0.5 | 1 |
| 67 | Prolonged Exposure to Hyperoxia Increases Perivascular Mast Cells in Rat Lungs. Journal of Histochemistry and Cytochemistry, 2006, 54, 1239-1246. | 2.5 | 12 |
| 68 | Angelo Mosso and muscular fatigue: 116 years after the first congress of physiologists: IUPS commemoration. American Journal of Physiology - Advances in Physiology Education, 2006, 30, 51-57. | 1.6 | 45 |
| 69 | p53 and p66 Proteins Compete for Hypoxia-Inducible Factor 1 Alpha Stabilization in Young and Old Rat Hearts Exposed to Intermittent Hypoxia. Gerontology, 2006, 52, 17-23. | 2.8 | 41 |
| 70 | Neuroglobin, a New Oxygen Binding Protein is Present in the Carotid Body and Increases after Chronic Intermittent Hypoxia. , 2006, 580, 15-19. | | 12 |
| 71 | HIF-1alpha cytoplasmic accumulation is associated with cell death in old rat cerebral cortex exposed to intermittent hypoxia. Aging Cell, 2005, 4, 177-185. | 6.7 | 59 |
| 72 | Balance between hypertrophic and hypoxic stimulus in caspase-3 activation during rat heart development. Journal of Molecular Histology, 2005, 36, 217-224. | 2.2 | 1 |

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| 73 | MCP-1 and MIP-2 expression and production in BB diabetic rat: Effect of chronic hypoxia. Molecular and Cellular Biochemistry, 2005, 276, 105-111. | 3.1 | 13 |
| 74 | Oxygen and life span: chronic hypoxia as a model for studying HIF-1Î±, VEGF and NOS during aging. Respiratory Physiology and Neurobiology, 2005, 147, 31-38. | 1.6 | 34 |
| 75 | Molecular and morphological modifications occurring in rat heart exposed to intermittent hypoxia: role for protein kinase C Î±. Experimental Gerontology, 2004, 39, 395-405. | 2.8 | 25 |
| 76 | A Scavenger Role for Nitric Oxide in the Aged Rat Kidney. International Journal of Immunopathology and Pharmacology, 2004, 17, 265-271. | 2.1 | 6 |
| 77 | Oxygen supply modulates MCP-1 release in monocytes from young and aged rats: decrease of MCP-1 transcription and translation is age-related. Molecular and Cellular Biochemistry, 2003, 248, 1-6. | 3.1 | 8 |
| 78 | Atrial natriuretic peptide stimulates cat carotid body chemoreceptors in vivo. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2003, 134, 27-31. | 1.8 | 5 |
| 79 | Correlations between protein kinase C Î¶ signaling and morphological modifications during rat heart development and aging. Mechanisms of Ageing and Development, 2003, 124, 957-966. | 4.6 | 19 |
| 80 | Sustained hypoxia promotes hyperactive response of carotid body in the cat. Respiratory Physiology and Neurobiology, 2003, 134, 69-74. | 1.6 | 12 |
| 81 | The Nitric Oxide Synthesis Inhibitor NÏ‰-Nitro-L-Arginine Methyl Ester (L-NAME) Causes Limb Defects in Mouse Fetuses: Protective Effect of Acute Hyperoxia. Pediatric Research, 2003, 54, 69-76. | 2.3 | 23 |
| 82 | Selected Contribution: Carotid body as a model for aging studies: is there a link between oxygen and aging?. Journal of Applied Physiology, 2003, 95, 1755-1758. | 2.5 | 25 |
| 83 | Carotid Body Nitric Oxide Activity in Spontaneously Diabetic BB Rat. Advances in Experimental Medicine and Biology, 2003, 536, 359-366. | 1.6 | 2 |
| 84 | Carotid Body HIF-1Î±, VEGF and NOS Expression during Aging and Hypoxia. Advances in Experimental Medicine and Biology, 2003, 536, 603-610. | 1.6 | 16 |
| 85 | Lessons from chronic intermittent and sustained hypoxia at high altitudes. Respiratory Physiology and Neurobiology, 2002, 130, 223-233. | 1.6 | 39 |
| 86 | A review of specific dietary antioxidants and the effects on biochemical mechanisms related to neurodegenerative processes. Neurobiology of Aging, 2002, 23, 719-735. | 3.1 | 280 |
| 87 | Biochemical and Ultrastructural Alaterations is Rat After Hyperoxic Treatment: Effect of Taurine and Hypotaurine. Advances in Experimental Medicine and Biology, 2002, 483, 149-156. | 1.6 | 1 |
| 88 | Age-related death-survival balance in myocardium: an immunohistochemical and biochemical study. Mechanisms of Ageing and Development, 2002, 123, 341-350. | 4.6 | 43 |
| 89 | Role of serotonin2C receptors in the control of brain dopaminergic function. Pharmacology Biochemistry and Behavior, 2002, 71, 727-734. | 2.9 | 141 |
| 90 | Biochemical evidence that the atypical antipsychotic drugs clozapine and risperidone block 5-HT2C receptors in vivo. Pharmacology Biochemistry and Behavior, 2002, 71, 607-613. | 2.9 | 50 |

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| 91 | Thymic sensitivity to hypoxic condition in young and old rats. Age-dependent expression of NF-Î¹B. Experimental Gerontology, 2002, 37, 1077-1088. | 2.8 | 9 |
| 92 | Role of 5-HT2C receptors in the control of central dopamine function. Trends in Pharmacological Sciences, 2001, 22, 229-232. | 8.7 | 216 |
| 93 | The nigrostriatal dopamine system: a minor target for 5-HT2C receptors. Trends in Pharmacological Sciences, 2001, 22, 503-504. | 8.7 | 2 |
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| 95 | Ultrastructural Modifications and Phosphatidylinositol-3-kinase Expression and Activity in Myocardial Tissue Deriving from Rats in Different Experimental Conditions.. Cell Structure and Function, 2001, 26, 87-93. | 1.1 | 6 |
| 96 | Endothelial NOS expression and ischemiaâ€“reperfusion in isolated working rat heart from hypoxic and hyperoxic conditions. Biochimica Et Biophysica Acta - General Subjects, 2000, 1524, 203-211. | 2.4 | 33 |
| 97 | Does chronic hypoxia increase rat carotid body nitric oxide?. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 1998, 120, 243-247. | 1.8 | 20 |
| 98 | Effect of Chronic Hyperoxia on Young and Old Rat Carotid Body Ultrastructure. Experimental Gerontology, 1998, 33, 319-329. | 2.8 | 34 |
| 99 | Further characterization of stimulus interaction of cat carotid chemoreceptors. Journal of the Autonomic Nervous System, 1998, 71, 196-200. | 1.9 | 7 |
| 100 | Hypoxic and hyperoxic effect on blood phosphodiesterase activity in young and old rats. Life Sciences, 1998, 63, PL349-PL353. | 4.3 | 9 |
| 101 | Aging and detoxifying enzymes responses to hypoxic or hyperoxic treatment. Mechanisms of Ageing and Development, 1997, 97, 215-226. | 4.6 | 30 |
| 102 | Alteration of glutathione transferase subunits composition in the liver of young and aged rats submitted to hypoxic and hyperoxic conditions. Biochimica Et Biophysica Acta - Molecular Cell Research, 1996, 1312, 125-131. | 4.1 | 7 |
| 103 | Effect of acute and chronic cobalt administration on carotid body chemoreceptors responses. Science of the Total Environment, 1994, 150, 215-216. | 8.0 | 4 |
| 104 | Potentiometric determination of carbonic anhydrase activity in rabbit carotid bodies: Comparison among normoxic, hyperoxic and hypoxic animals. Neuroscience Letters, 1994, 166, 126-130. | 2.1 | 11 |
| 105 | Hyperbaric oxygenation alters carotid body ultrastructure and function. Respiration Physiology, 1993, 92, 183-196. | 2.7 | 17 |
| 106 | Carotid chemoreceptor response to natural stimuli in the newborn kitten. Respiration Physiology, 1992, 87, 183-193. | 2.7 | 64 |
| 107 | Sympathetic peripheral chemoreflex is independent of expiratory output neurons in the cat. Journal of the Autonomic Nervous System, 1989, 29, 29-39. | 1.9 | 7 |