

Roberto Carnevale

List of Publications by Year in descending order

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Version: 2024-02-01

205
papers

7,325
citations

44069

48
h-index

79698

73
g-index

208
all docs

208
docs citations

208
times ranked

9753
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Acute Impact of Tobacco vs Electronic Cigarette Smoking on Oxidative Stress and Vascular Function. <i>Chest</i> , 2016, 150, 606-612. | 0.8 | 292 |
| 2 | Increased Liver Localization of Lipopolysaccharides in Human and Experimental NAFLD. <i>Hepatology</i> , 2020, 72, 470-485. | 7.3 | 203 |
| 3 | Polyphenols synergistically inhibit oxidative stress in subjects given red and white wine. <i>Atherosclerosis</i> , 2006, 188, 77-83. | 0.8 | 171 |
| 4 | Short-Term Treatment With Atorvastatin Reduces Platelet CD40 Ligand and Thrombin Generation in Hypercholesterolemic Patients. <i>Circulation</i> , 2005, 111, 412-419. | 1.6 | 159 |
| 5 | Diet Supplementation, Probiotics, and Nutraceuticals in SARS-CoV-2 Infection: A Scoping Review. <i>Nutrients</i> , 2020, 12, 1718. | 4.1 | 155 |
| 6 | Immediate Antioxidant and Antiplatelet Effect of Atorvastatin via Inhibition of Nox2. <i>Circulation</i> , 2012, 126, 92-103. | 1.6 | 148 |
| 7 | Features of severe COVID-19: A systematic review and meta-analysis. <i>European Journal of Clinical Investigation</i> , 2020, 50, e13378. | 3.4 | 141 |
| 8 | Platelet Activation Is Associated With Myocardial Infarction in Patients With Pneumonia. <i>Journal of the American College of Cardiology</i> , 2014, 64, 1917-1925. | 2.8 | 134 |
| 9 | Resveratrol, at Concentrations Attainable with Moderate Wine Consumption, Stimulates Human Platelet Nitric Oxide Production. <i>Journal of Nutrition</i> , 2008, 138, 1602-1608. | 2.9 | 133 |
| 10 | Inherited Human gp91 ^{phox} Deficiency Is Associated With Impaired Isoprostane Formation and Platelet Dysfunction. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 423-434. | 2.4 | 124 |
| 11 | Hereditary Deficiency of gp91 ^{phox} Is Associated With Enhanced Arterial Dilatation. <i>Circulation</i> , 2009, 120, 1616-1622. | 1.6 | 123 |
| 12 | Nox2 activation in Covid-19. <i>Redox Biology</i> , 2020, 36, 101655. | 9.0 | 114 |
| 13 | Acute Effects of Heat-Not-Burn, Electronic Vaping, and Traditional Tobacco Combustion Cigarettes: The Sapienza University of Rome Vascular Assessment of Proatherosclerotic Effects of Smoking (SURVAPES) 2 Randomized Trial. <i>Journal of the American Heart Association</i> , 2019, 8, e010455. | 3.7 | 112 |
| 14 | Low-grade endotoxemia and platelet activation in cirrhosis. <i>Hepatology</i> , 2017, 65, 571-581. | 7.3 | 107 |
| 15 | Gut-Derived Serum Lipopolysaccharide is Associated With Enhanced Risk of Major Adverse Cardiovascular Events in Atrial Fibrillation: Effect of Adherence to Mediterranean Diet. <i>Journal of the American Heart Association</i> , 2017, 6, . | 3.7 | 105 |
| 16 | Atorvastatin Inhibits gp91 ^{phox} Circulating Levels in Patients With Hypercholesterolemia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 360-367. | 2.4 | 100 |
| 17 | Extra Virgin Olive Oil and Cardiovascular Diseases: Benefits for Human Health. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2017, 18, 4-13. | 1.2 | 95 |
| 18 | Gut-derived endotoxin stimulates factor VIII secretion from endothelial cells. Implications for hypercoagulability in cirrhosis. <i>Journal of Hepatology</i> , 2017, 67, 950-956. | 3.7 | 94 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Atherothrombosis and Oxidative Stress: Mechanisms and Management in Elderly. Antioxidants and Redox Signaling, 2017, 27, 1083-1124. | 5.4 | 92 |
| 20 | LDL oxidation by platelets propagates platelet activation via an oxidative stress-mediated mechanism. Atherosclerosis, 2014, 237, 108-116. | 0.8 | 91 |
| 21 | Î²-Amyloid-Induced Synthesis of the Ganglioside Gd3 Is a Requisite for Cell Cycle Reactivation and Apoptosis in Neurons. Journal of Neuroscience, 2002, 22, 3963-3968. | 3.6 | 89 |
| 22 | Localization of lipopolysaccharide from Escherichia Coli into human atherosclerotic plaque. Scientific Reports, 2018, 8, 3598. | 3.3 | 88 |
| 23 | NADPH Oxidase-2 and Atherothrombosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 218-225. | 2.4 | 84 |
| 24 | Obesity and Hypercholesterolemia are Associated with NOX2 Generated Oxidative Stress and Arterial Dysfunction. Journal of Pediatrics, 2012, 161, 1004-1009. | 1.8 | 74 |
| 25 | Oxidative stress mediated arterial dysfunction in patients with obstructive sleep apnoea and the effect of continuous positive airway pressure treatment. BMC Pulmonary Medicine, 2012, 12, 36. | 2.0 | 74 |
| 26 | Extra virgin olive oil use is associated with improved post-prandial blood glucose and LDL cholesterol in healthy subjects. Nutrition and Diabetes, 2015, 5, e172-e172. | 3.2 | 74 |
| 27 | Oleuropein, a component of extra virgin olive oil, lowers postprandial glycaemia in healthy subjects. British Journal of Clinical Pharmacology, 2018, 84, 1566-1574. | 2.4 | 73 |
| 28 | Low-grade endotoxaemia enhances artery thrombus growth via Toll-like receptor 4: implication for myocardial infarction. European Heart Journal, 2020, 41, 3156-3165. | 2.2 | 72 |
| 29 | NOX2-generated oxidative stress is associated with severity of ultrasound liver steatosis in patients with non-alcoholic fatty liver disease. BMC Gastroenterology, 2014, 14, 81. | 2.0 | 71 |
| 30 | Incidence of bleeding in patients with atrial fibrillation and advanced liver fibrosis on treatment with vitamin K or non-vitamin K antagonist oral anticoagulants. International Journal of Cardiology, 2018, 264, 58-63. | 1.7 | 69 |
| 31 | Gut-derived low-grade endotoxaemia, atherothrombosis and cardiovascular disease. Nature Reviews Cardiology, 2023, 20, 24-37. | 13.7 | 67 |
| 32 | Dark chocolate inhibits platelet isoprostanes via NOX2 down-regulation in smokers. Journal of Thrombosis and Haemostasis, 2012, 10, 125-132. | 3.8 | 66 |
| 33 | Impact of Tobacco Versus Electronic Cigarette Smoking on Platelet Function. American Journal of Cardiology, 2018, 122, 1477-1481. | 1.6 | 65 |
| 34 | Oxidative Stress Is Associated With Arterial Dysfunction and Enhanced Intima-Media Thickness in Children With Hypercholesterolemia: The Potential Role of Nicotinamide-Adenine Dinucleotide Phosphate Oxidase. Pediatrics, 2008, 122, e648-e655. | 2.1 | 62 |
| 35 | Dark Chocolate Acutely Improves Walking Autonomy in Patients With Peripheral Artery Disease. Journal of the American Heart Association, 2014, 3, . | 3.7 | 62 |
| 36 | Extra virgin olive oil blunt post-prandial oxidative stress via NOX2 down-regulation. Atherosclerosis, 2014, 235, 649-658. | 0.8 | 62 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Impairment between Oxidant and Antioxidant Systems: Short- and Long-term Implications for Athletes's Health. <i>Nutrients</i> , 2019, 11, 1353. | 4.1 | 61 |
| 38 | Oxidative stress-mediated platelet CD40 ligand upregulation in patients with hypercholesterolemia: effect of atorvastatin. <i>Journal of Thrombosis and Haemostasis</i> , 2007, 5, 1170-1178. | 3.8 | 57 |
| 39 | Inadequate anticoagulation by Vitamin K Antagonists is associated with Major Adverse Cardiovascular Events in patients with atrial fibrillation. <i>International Journal of Cardiology</i> , 2015, 201, 513-516. | 1.7 | 57 |
| 40 | Relationship of PCSK9 and Urinary Thromboxane Excretion to Cardiovascular Events in Patients With Atrial Fibrillation. <i>Journal of the American College of Cardiology</i> , 2017, 70, 1455-1462. | 2.8 | 57 |
| 41 | Lipopolysaccharide as trigger of platelet aggregation via eicosanoid over-production. <i>Thrombosis and Haemostasis</i> , 2017, 117, 1558-1570. | 3.4 | 56 |
| 42 | NOX2-mediated arterial dysfunction in smokers: acute effect of dark chocolate. <i>Heart</i> , 2011, 97, 1776-1781. | 2.9 | 55 |
| 43 | Early decrease of oxidative stress by atorvastatin in hypercholesterolaemic patients: effect on circulating vitamin E. <i>European Heart Journal</i> , 2007, 29, 54-62. | 2.2 | 54 |
| 44 | Alpha-Linolenic Acid-Rich Wheat Germ Oil Decreases Oxidative Stress and CD40 Ligand in Patients With Mild Hypercholesterolemia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006, 26, 2577-2578. | 2.4 | 53 |
| 45 | Serum Albumin Is Inversely Associated With Portal Vein Thrombosis in Cirrhosis. <i>Hepatology Communications</i> , 2019, 3, 504-512. | 4.3 | 53 |
| 46 | LDL are oxidatively modified by platelets via GP91 phox and accumulate in human monocytes. <i>FASEB Journal</i> , 2007, 21, 927-934. | 0.5 | 52 |
| 47 | Reduced Atherosclerotic Burden in Subjects With Genetically Determined Low Oxidative Stress. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 406-412. | 2.4 | 52 |
| 48 | NOX2 up-regulation is associated with artery dysfunction in patients with peripheral artery disease. <i>International Journal of Cardiology</i> , 2013, 165, 184-192. | 1.7 | 51 |
| 49 | Oxidative stress in patients affected by primary aldosteronism. <i>Journal of Hypertension</i> , 2014, 32, 2022-2029. | 0.5 | 51 |
| 50 | Aging-Related Decline of Glutathione Peroxidase 3 and Risk of Cardiovascular Events in Patients With Atrial Fibrillation. <i>Journal of the American Heart Association</i> , 2016, 5, . | 3.7 | 51 |
| 51 | Serum NOX2 and urinary isoprostanes predict vascular events in patients with atrial fibrillation. <i>Thrombosis and Haemostasis</i> , 2015, 113, 617-624. | 3.4 | 50 |
| 52 | Extra virgin olive oil improves post-prandial glycemic and lipid profile in patients with impaired fasting glucose. <i>Clinical Nutrition</i> , 2017, 36, 782-787. | 5.0 | 50 |
| 53 | Atorvastatin inhibits oxidative stress via adiponectin-mediated NADPH oxidase down-regulation in hypercholesterolemic patients. <i>Atherosclerosis</i> , 2010, 213, 225-234. | 0.8 | 49 |
| 54 | Endothelial dysfunction and oxidative stress in children with sleep disordered breathing: Role of NADPH oxidase. <i>Atherosclerosis</i> , 2015, 240, 222-227. | 0.8 | 49 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 55 | Does Mediterranean Diet Reduce Cardiovascular Events and Oxidative Stress in Atrial Fibrillation?. Antioxidants and Redox Signaling, 2015, 23, 682-687. | 5.4 | 49 |
| 56 | Platelet Isoprostane Overproduction in Diabetic Patients Treated With Aspirin. Diabetes, 2012, 61, 1626-1632. | 0.6 | 46 |
| 57 | Low-grade endotoxemia, gut permeability and platelet activation in community-acquired pneumonia. Journal of Infection, 2016, 73, 107-114. | 3.3 | 45 |
| 58 | PNPLA3 variant and portal/periportal histological pattern in patients with biopsy-proven non-alcoholic fatty liver disease: a possible role for oxidative stress. Scientific Reports, 2017, 7, 15756. | 3.3 | 45 |
| 59 | SARS-CoV-2 and COVID-19: facing the pandemic together as citizens and cardiovascular practitioners. Minerva Cardioangiologica, 2020, 68, 61-64. | 1.2 | 44 |
| 60 | Triacsin C inhibits the formation of 1H NMR-visible mobile lipids and lipid bodies in HuT 78 apoptotic cells. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2003, 1634, 1-14. | 2.4 | 43 |
| 61 | Weight loss is associated with improved endothelial dysfunction via NOX2-generated oxidative stress down-regulation in patients with the metabolic syndrome. Internal and Emergency Medicine, 2012, 7, 219-227. | 2.0 | 42 |
| 62 | Role of portal venous platelet activation in patients with decompensated cirrhosis and TIPS. Gut, 2020, 69, 1535-1536. | 12.1 | 42 |
| 63 | Oxidative Stress and Gut-Derived Lipopolysaccharides in Neurodegenerative Disease: Role of NOX2. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-7. | 4.0 | 42 |
| 64 | Is there a clinical role for oxidative stress biomarkers in atherosclerotic diseases?. Internal and Emergency Medicine, 2014, 9, 123-131. | 2.0 | 41 |
| 65 | Nox2 up-regulation is associated with an enhanced risk of atrial fibrillation in patients with pneumonia. Thorax, 2015, 70, 961-966. | 5.6 | 38 |
| 66 | NADPH oxidase-mediated platelet isoprostane overproduction in cirrhotic patients: implication for platelet activation. Liver International, 2011, 31, 1533-1540. | 3.9 | 37 |
| 67 | Vitamin E Serum Levels and Bleeding Risk in Patients Receiving Oral Anticoagulant Therapy: a Retrospective Cohort Study. Journal of the American Heart Association, 2013, 2, e000364. | 3.7 | 36 |
| 68 | Effects of dark chocolate on NOX2-generated oxidative stress in patients with non-alcoholic steatohepatitis. Alimentary Pharmacology and Therapeutics, 2016, 44, 279-286. | 3.7 | 36 |
| 69 | Early Increase of Oxidative Stress and Soluble CD40L in Children With Hypercholesterolemia. Journal of the American College of Cardiology, 2007, 49, 1974-1981. | 2.8 | 35 |
| 70 | Anoxia-Reoxygenation Enhances Platelet Thromboxane A ₂ Production via Reactive Oxygen Species-Generated NOX2. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 1766-1771. | 2.4 | 35 |
| 71 | Nutrition, Thrombosis, and Cardiovascular Disease. Circulation Research, 2020, 126, 1415-1442. | 4.5 | 35 |
| 72 | The Role of Antioxidants Supplementation in Clinical Practice: Focus on Cardiovascular Risk Factors. Antioxidants, 2021, 10, 146. | 5.1 | 35 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 73 | Antioxidant and antiplatelet effects of atorvastatin by Nox2 inhibition. Trends in Cardiovascular Medicine, 2014, 24, 142-148. | 4.9 | 34 |
| 74 | Rosuvastatin reduces platelet recruitment by inhibiting NADPH oxidase activation. Biochemical Pharmacology, 2012, 84, 1635-1642. | 4.4 | 33 |
| 75 | Role of NOX2 in mediating doxorubicin-induced senescence in human endothelial progenitor cells. Mechanisms of Ageing and Development, 2016, 159, 37-43. | 4.6 | 33 |
| 76 | Poor Adherence to Mediterranean Diet and Serum Lipopolysaccharide Are Associated with Oxidative Stress in Patients with Non-Alcoholic Fatty Liver Disease. Nutrients, 2020, 12, 1732. | 4.1 | 33 |
| 77 | Different behaviour of NOX2 activation in patients with paroxysmal/persistent or permanent atrial fibrillation. Heart, 2012, 98, 1063-1066. | 2.9 | 32 |
| 78 | Nox-2 up-regulation and platelet activation: Novel insights. Prostaglandins and Other Lipid Mediators, 2015, 120, 50-55. | 1.9 | 32 |
| 79 | Interventional study with vitamin E in cardiovascular disease and meta-analysis. Free Radical Biology and Medicine, 2022, 178, 26-41. | 2.9 | 32 |
| 80 | Nox2 Is Determinant for Ischemia-Induced Oxidative Stress and Arterial Vasodilatation: A Pilot Study in Patients With Hereditary Nox2 Deficiency. Arteriosclerosis, Thrombosis, and Vascular Biology, 2006, 26, e131-2. | 2.4 | 31 |
| 81 | Different Degrees of NADPH Oxidase 2 Regulation and In Vivo Platelet Activation: Lesson From Chronic Granulomatous Disease. Journal of the American Heart Association, 2014, 3, e000920. | 3.7 | 31 |
| 82 | Low-grade endotoxemia and clotting activation in the early phase of pneumonia. Respiriology, 2016, 21, 1465-1471. | 2.3 | 29 |
| 83 | PCSK9 Regulates Nox2-Mediated Platelet Activation via CD36 Receptor in Patients with Atrial Fibrillation. Antioxidants, 2020, 9, 296. | 5.1 | 28 |
| 84 | Tumour necrosis factor α upregulates platelet CD40L in patients with heart failure. Cardiovascular Research, 2008, 78, 515-522. | 3.8 | 27 |
| 85 | Does NADPH Oxidase Deficiency Cause Artery Dilatation in Humans?. Antioxidants and Redox Signaling, 2013, 18, 1491-1496. | 5.4 | 27 |
| 86 | Dark Chocolate Intake Positively Modulates Redox Status and Markers of Muscular Damage in Elite Football Athletes: A Randomized Controlled Study. Oxidative Medicine and Cellular Longevity, 2018, 1-10. | 4.0 | 27 |
| 87 | Urinary 11-dehydro-thromboxane B2 is associated with cardiovascular events and mortality in patients with atrial fibrillation. American Heart Journal, 2015, 170, 490-497.e1. | 2.7 | 26 |
| 88 | Proprotein Convertase Subtilisin Kexin Type 9 Inhibitors Reduce Platelet Activation Modulating ox-LDL Pathways. International Journal of Molecular Sciences, 2021, 22, 7193. | 4.1 | 26 |
| 89 | New Insights into the Steen Solution Properties: Breakthrough in Antioxidant Effects via NOX2 Downregulation. Oxidative Medicine and Cellular Longevity, 2014, 2014, 1-10. | 4.0 | 25 |
| 90 | Is NOX2 Upregulation Implicated in Myocardial Injury in Patients with Pneumonia?. Antioxidants and Redox Signaling, 2014, 20, 2949-2954. | 5.4 | 25 |

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|-----|--|-----|-----------|
| 91 | Similar Reduction of Cholesterol-Adjusted Vitamin E Serum Levels in Simple Steatosis and Non-Alcoholic Steatohepatitis. <i>Clinical and Translational Gastroenterology</i> , 2015, 6, e113. | 2.5 | 25 |
| 92 | Mediterranean diet reduces thromboxane A2 production in atrial fibrillation patients. <i>Clinical Nutrition</i> , 2015, 34, 899-903. | 5.0 | 25 |
| 93 | Gut-derived lipopolysaccharides increase post-prandial oxidative stress via Nox2 activation in patients with impaired fasting glucose tolerance: effect of extra-virgin olive oil. <i>European Journal of Nutrition</i> , 2019, 58, 843-851. | 3.9 | 25 |
| 94 | Alcohol and cardiovascular disease: Still unresolved underlying mechanisms. <i>Vascular Pharmacology</i> , 2012, 57, 69-71. | 2.1 | 24 |
| 95 | Vaping Cardiovascular Health Risks: an Updated Umbrella Review. <i>Current Emergency and Hospital Medicine Reports</i> , 2020, 8, 103-109. | 1.5 | 24 |
| 96 | Effect of L-carnitine on oxidative stress and platelet activation after major surgery. <i>Acta Anaesthesiologica Scandinavica</i> , 2011, 55, 1022-1028. | 1.6 | 23 |
| 97 | Human Lung Spheroids as In Vitro Niches of Lung Progenitor Cells with Distinctive Paracrine and Plasticity Properties. <i>Stem Cells Translational Medicine</i> , 2017, 6, 767-777. | 3.3 | 23 |
| 98 | Relationship Between Platelet and Urinary sPGF ₂ Levels in Subjects With Different Degrees of NOX2 Regulation. <i>Journal of the American Heart Association</i> , 2013, 2, e000198. | 3.7 | 22 |
| 99 | Anti Xa oral anticoagulants inhibit in vivo platelet activation by modulating glycoprotein VI shedding. <i>Pharmacological Research</i> , 2016, 113, 484-489. | 7.1 | 22 |
| 100 | Rac1 Pharmacological Inhibition Rescues Human Endothelial Dysfunction. <i>Journal of the American Heart Association</i> , 2017, 6, . | 3.7 | 22 |
| 101 | Long-Term Risk of Major Adverse Cardiac Events in Atrial Fibrillation Patients on Direct Oral Anticoagulants. <i>Mayo Clinic Proceedings</i> , 2021, 96, 658-665. | 3.0 | 22 |
| 102 | Impact of chronic use of heat-not-burn cigarettes on oxidative stress, endothelial dysfunction and platelet activation: the SUR-VAPES Chronic Study. <i>Thorax</i> , 2021, 76, 618-620. | 5.6 | 22 |
| 103 | The Pathophysiological Role of NOX2 in Hypertension and Organ Damage. <i>High Blood Pressure and Cardiovascular Prevention</i> , 2016, 23, 355-364. | 2.2 | 21 |
| 104 | Beta2-adrenergic signaling affects the phenotype of human cardiac progenitor cells through EMT modulation. <i>Pharmacological Research</i> , 2018, 127, 41-48. | 7.1 | 20 |
| 105 | Effects of Smoking on Oxidative Stress and Vascular Function. , 0, , . | | 20 |
| 106 | Does Nox2 Overactivate in Children with Nonalcoholic Fatty Liver Disease?. <i>Antioxidants and Redox Signaling</i> , 2019, 30, 1325-1330. | 5.4 | 20 |
| 107 | An interplay between UCP2 and ROS protects cells from high-salt-induced injury through autophagy stimulation. <i>Cell Death and Disease</i> , 2021, 12, 919. | 6.3 | 20 |
| 108 | Total Adiponectin Is Inversely Associated with Platelet Activation and CHA ₂ DS ₂ -VASc Score in Anticoagulated Patients with Atrial Fibrillation. <i>Mediators of Inflammation</i> , 2014, 2014, 1-6. | 3.0 | 19 |

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|-----|---|-----|-----------|
| 109 | Myeloperoxidase overexpression in children with hypercholesterolemia. <i>Atherosclerosis</i> , 2009, 205, 239-243. | 0.8 | 18 |
| 110 | Ascorbic Acid Infusion Blunts CD40L Upregulation in Patients Undergoing Coronary Stent. <i>Cardiovascular Therapeutics</i> , 2011, 29, 385-394. | 2.5 | 18 |
| 111 | Temporal trends of time in therapeutic range and incidence of cardiovascular events in patients with non-valvular atrial fibrillation. <i>European Journal of Internal Medicine</i> , 2018, 54, 34-39. | 2.2 | 18 |
| 112 | Age-related increase of thromboxane B2 and risk of cardiovascular disease in atrial fibrillation. <i>Oncotarget</i> , 2016, 7, 39143-39147. | 1.8 | 18 |
| 113 | Aspirin Reload Before Elective Percutaneous Coronary Intervention. <i>Circulation: Cardiovascular Interventions</i> , 2014, 7, 577-584. | 3.9 | 17 |
| 114 | HIV-1 induces in vivo platelet activation by enhancing platelet NOX2 activity. <i>Journal of Infection</i> , 2015, 70, 651-658. | 3.3 | 17 |
| 115 | Enhanced NOX-2 derived oxidative stress in offspring of patients with early myocardial infarction. <i>International Journal of Cardiology</i> , 2019, 293, 56-59. | 1.7 | 17 |
| 116 | Profiling the Acute Effects of Modified Risk Products: Evidence from the SUR-VAPES (Sapienza) Trial. <i>Current Atherosclerosis Reports</i> , 2020, 22, 8. | 4.8 | 17 |
| 117 | Serum Levels of Vitamin E Are Associated With Early Recurrence of Atrial Fibrillation After Electric Cardioversion. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2012, 5, 327-333. | 4.8 | 16 |
| 118 | Role of NADPH oxidase-2 and oxidative stress in children exposed to passive smoking. <i>Thorax</i> , 2018, 73, 986-988. | 5.6 | 16 |
| 119 | Nox2-mediated platelet activation by glycoprotein (GP) VI: Effect of rivaroxaban alone and in combination with aspirin. <i>Biochemical Pharmacology</i> , 2019, 163, 111-118. | 4.4 | 16 |
| 120 | A randomized trial comparing the acute coronary, systemic, and environmental effects of electronic vaping cigarettes versus heat-not-burn cigarettes in smokers of combustible cigarettes undergoing invasive coronary assessment: rationale and design of the SUR-VAPES 3 trial. <i>Minerva Cardioangiologica</i> , 2020, 68, 548-555. | 1.2 | 16 |
| 121 | Patients with microvascular obstruction after primary percutaneous coronary intervention show a gp91phox (NOX2) mediated persistent oxidative stress after reperfusion. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2013, 2, 379-388. | 1.0 | 15 |
| 122 | Role of platelets in NOX2 activation mediated by TNF α in heart failure. <i>Internal and Emergency Medicine</i> , 2014, 9, 179-185. | 2.0 | 15 |
| 123 | Is There an Interplay Between Adherence to Mediterranean Diet, Antioxidant Status, and Vascular Disease in Atrial Fibrillation Patients?. <i>Antioxidants and Redox Signaling</i> , 2016, 25, 751-755. | 5.4 | 15 |
| 124 | Impaired flow-mediated dilation in hospitalized patients with community-acquired pneumonia. <i>European Journal of Internal Medicine</i> , 2016, 36, 74-80. | 2.2 | 15 |
| 125 | A novel role of MMP2 in regulating platelet NOX2 activation. <i>Free Radical Biology and Medicine</i> , 2020, 152, 355-362. | 2.9 | 15 |
| 126 | Beneficial effects of a combination of natural product activators of autophagy on endothelial cells and platelets. <i>British Journal of Pharmacology</i> , 2021, 178, 2146-2159. | 5.4 | 15 |

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|-----|---|-----|-----------|
| 127 | The polyphenols quercetin and catechin synergize in inhibiting platelet CD40L expression. <i>Thrombosis and Haemostasis</i> , 2005, 94, 888-889. | 3.4 | 15 |
| 128 | Predictors of oxidative stress and vascular function in an experimental study of tobacco versus electronic cigarettes: A post hoc analysis of the SUR-VAPES 1 Study. <i>Tobacco Induced Diseases</i> , 2018, 16, 18. | 0.6 | 15 |
| 129 | An overview of cycling as active transportation and as benefit for health. <i>Minerva Cardioangiologica</i> , 2020, 68, 81-97. | 1.2 | 15 |
| 130 | Statins enhance circulating vitamin E. <i>International Journal of Cardiology</i> , 2008, 123, 172-174. | 1.7 | 14 |
| 131 | GMP-grade platelet lysate enhances proliferation and migration of tenon fibroblasts. <i>Frontiers in Bioscience - Elite</i> , 2016, 8, 84-99. | 1.8 | 14 |
| 132 | Comparative Indoor Pollution from Glo, Iqos, and Juul, Using Traditional Combustion Cigarettes as Benchmark: Evidence from the Randomized SUR-VAPES AIR Trial. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 6029. | 2.6 | 14 |
| 133 | Enhanced Soluble Serum CD40L and Serum P-Selectin Levels in Primary Aldosteronism. <i>Hormone and Metabolic Research</i> , 2016, 48, 440-445. | 1.5 | 13 |
| 134 | Antioxidant activity from extra virgin olive oil via inhibition of hydrogen peroxide-mediated NADPH-oxidase 2 activation. <i>Nutrition</i> , 2018, 55-56, 36-40. | 2.4 | 13 |
| 135 | Blood hydrogen peroxide break-down activity in healthy subjects and in patients at risk of cardiovascular events. <i>Atherosclerosis</i> , 2018, 274, 29-34. | 0.8 | 13 |
| 136 | Time to therapeutic range (TtTR), anticoagulation control, and cardiovascular events in vitamin K antagonists-naïve patients with atrial fibrillation. <i>American Heart Journal</i> , 2018, 200, 32-36. | 2.7 | 13 |
| 137 | Glutathione infusion before primary percutaneous coronary intervention: a randomised controlled pilot study. <i>BMJ Open</i> , 2019, 9, e025884. | 1.9 | 13 |
| 138 | Oleuropein-enriched chocolate by extra virgin olive oil blunts hyperglycaemia in diabetic patients: Results from a one-time 2-hour post-prandial cross over study. <i>Clinical Nutrition</i> , 2020, 39, 2187-2191. | 5.0 | 13 |
| 139 | Is There an Association Between Atherosclerotic Burden, Oxidative Stress, and Gut-Derived Lipopolysaccharides?. <i>Antioxidants and Redox Signaling</i> , 2020, 33, 761-766. | 5.4 | 13 |
| 140 | Cholesterol-adjusted vitamin E serum levels are associated with cardiovascular events in patients with non-valvular atrial fibrillation. <i>International Journal of Cardiology</i> , 2013, 168, 3241-3247. | 1.7 | 12 |
| 141 | Interaction between serum endotoxemia and proprotein convertase subtilisin/kexin 9 (PCSK9) in patients with atrial fibrillation: A post-hoc analysis from the ATHERO-AF cohort. <i>Atherosclerosis</i> , 2019, 289, 195-200. | 0.8 | 12 |
| 142 | Interplay between COVID-19, pollution, and weather features on changes in the incidence of acute coronary syndromes in early 2020. <i>International Journal of Cardiology</i> , 2021, 329, 251-259. | 1.7 | 12 |
| 143 | Moderate Weight Loss Decreases Oxidative Stress and Increases Antioxidant Status in Patients with Metabolic Syndrome. <i>ISRN Obesity</i> , 2012, 2012, 1-9. | 2.2 | 12 |
| 144 | Polyunsaturated fatty acids balance affects platelet NOX2 activity in patients with liver cirrhosis. <i>Digestive and Liver Disease</i> , 2014, 46, 632-638. | 0.9 | 11 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 145 | Aspirin and renal insufficiency progression in patients with atrial fibrillation and chronic kidney disease. <i>International Journal of Cardiology</i> , 2016, 223, 619-624. | 1.7 | 11 |
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| 147 | Inhibition of miRâ€155 Attenuates Detrimental Vascular Effects of Tobacco Cigarette Smoking. <i>Journal of the American Heart Association</i> , 2020, 9, e017000. | 3.7 | 11 |
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