# Giacomo Frati

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8475427/publications.pdf

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| 233 | 9,772 | 46918 | 45213 |
|---|---|---|---|
| papers | citations | 47 h-index | 90 g-index |

| 235 | 235 | 235 | 13306 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Isolation and Expansion of Adult Cardiac Stem Cells From Human and Murine Heart. Circulation Research, 2004, 95, 911-921. | 2.0 | 1,374 |
| 2 | New Insights Into the Role of mTOR Signaling in the Cardiovascular System. Circulation Research, 2018, 122, 489-505. | 2.0 | 335 |
| 3 | Leptin Effect on Endothelial Nitric Oxide Is Mediated Through Akt-Endothelial Nitric Oxide Synthase Phosphorylation Pathway. Diabetes, 2002, 51, 168-173. | 0.3 | 303 |
| 4 | A Review of the Molecular Mechanisms Underlying the Development and Progression of Cardiac Remodeling. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-16. | 1.9 | 294 |
| 5 | Acute Impact of Tobacco vs Electronic Cigarette Smoking on Oxidative Stress and Vascular Function. Chest, 2016, 150, 606-612. | 0.4 | 292 |
| 6 | Clinical Outcomes With Bioabsorbable Polymer- Versus Durable Polymer-Based Drug-Eluting and Bare-Metal Stents. Journal of the American College of Cardiology, 2014, 63, 299-307. | 1.2 | 269 |
| 7 | Review and Meta-Analysis of Incidence and Clinical Predictors of Anthracycline Cardiotoxicity. American Journal of Cardiology, 2013, 112, 1980-1984. | 0.7 | 264 |
| 8 | Does ministernotomy improve postoperative outcome in aortic valve operation? A prospective randomized study. Annals of Thoracic Surgery, 2002, 73, 460-465. | 0.7 | 247 |
| 9 | Proximal aortic dissection with coronary malperfusion: Presentation, management, and outcome. Journal of Thoracic and Cardiovascular Surgery, 2001, 121, 552-560. | 0.4 | 211 |
| 10 | Clinical Outcomes With Drug-Eluting and Bare-Metal Stents in Patients With ST-Segment Elevation Myocardial Infarction. Journal of the American College of Cardiology, 2013, 62, 496-504. | 1.2 | 210 |
| 11 | Trehalose-Induced Activation of Autophagy Improves Cardiac Remodeling After Myocardial Infarction. Journal of the American College of Cardiology, 2018, 71, 1999-2010. | 1.2 | 195 |
| 12 | An overview of the inflammatory signalling mechanisms in the myocardium underlying the development of diabetic cardiomyopathy. Cardiovascular Research, 2017, 113, 378-388. | 1.8 | 164 |
| 13 | Incidence and predictors of coronary stent thrombosis: Evidence from an international collaborative meta-analysis including 30 studies, 221,066 patients, and 4276 thromboses. International Journal of Cardiology, 2013, 167, 575-584. | 0.8 | 160 |
| 14 | Diet Supplementation, Probiotics, and Nutraceuticals in SARS-CoV-2 Infection: A Scoping Review. Nutrients, 2020, 12, 1718. | 1.7 | 155 |
| 15 | Searching for the second best graft for coronary artery bypass surgery: a network meta-analysis of randomized controlled trials. European Journal of Cardio-thoracic Surgery, 2015, 47, 59-65. | 0.6 | 128 |
| 16 | Cardiac dysfunction in pauci symptomatic human immunodeficiency virus patients: a meta-analysis in the highly active antiretroviral therapy era. European Heart Journal, 2013, 34, 1432-1436. | 1.0 | 120 |
| 17 | Cardiovascular Influences of Î± 1b -Adrenergic Receptor Defect in Mice. Circulation, 2002, 105, 1700-1707. | 1.6 | 117 |
| 18 | Acute Effects of Heatâ€Notâ€Burn, Electronic Vaping, and Traditional Tobacco Combustion Cigarettes: The Sapienza University of Romeâ€Vascular Assessment of Proatherosclerotic Effects of Smoking (SURâ€VAPES) 2 Randomized Trial. Journal of the American Heart Association, 2019, 8, e010455. | 1.6 | 112 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | mTORC2 Regulates Cardiac Response to Stress by Inhibiting MST1. Cell Reports, 2015, 11, 125-136. | 2.9 | 110 |
| 20 | Differentiation of human adult cardiac stem cells exposed to extremely low-frequency electromagnetic fields. Cardiovascular Research, 2009, 82, 411-420. | 1.8 | 104 |
| 21 | Perioperative use of tirofiban hydrochloride (Aggrastat) does not increase surgical bleeding after emergency or urgent coronary artery bypass grafting. Journal of Thoracic and Cardiovascular Surgery, 2001, 122, 1181-1185. | 0.4 | 100 |
| 22 | Cardiac stem cells: isolation, expansion and experimental use for myocardial regeneration. Nature Clinical Practice Cardiovascular Medicine, 2007, 4, S9-S14. | 3.3 | 94 |
| 23 | New Insights into the Role of Mitochondrial Dynamics and Autophagy during Oxidative Stress and Aging in the Heart. Oxidative Medicine and Cellular Longevity, 2014, 2014, 1-13. | 1.9 | 92 |
| 24 | Localization of lipopolysaccharide from Escherichia Coli into human atherosclerotic plaque. Scientific Reports, 2018, 8, 3598. | 1.6 | 88 |
| 25 | Targeting Nitric Oxide with Natural Derived Compounds as a Therapeutic Strategy in Vascular Diseases. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-20. | 1.9 | 82 |
| 26 | Association Between a Cell-Seeded Collagen Matrix and Cellular Cardiomyoplasty for Myocardial Support and Regeneration. Tissue Engineering, 2007, 13, 2681-2687. | 4.9 | 81 |
| 27 | Left Ventricular Hypertrophy Is Associated With Asymptomatic Cerebral Damage in Hypertensive Patients. Stroke, 2003, 34, 1766-1770. | 1.0 | 78 |
| 28 | TNFâ€± signal transduction in rat neonatal cardiac myocytes: definition of pathways generating from the TNFâ€± receptor. FASEB Journal, 2002, 16, 1732-1737. | 0.2 | 73 |
| 29 | Low-grade endotoxaemia enhances artery thrombus growth via Toll-like receptor 4: implication for myocardial infarction. European Heart Journal, 2020, 41, 3156-3165. | 1.0 | 72 |
| 30 | Short-term results of a randomized trial examining timing of carotid endarterectomy in patients with severe asymptomatic unilateral carotid stenosis undergoing coronary artery bypass grafting. Journal of Vascular Surgery, 2011, 54, 993-999. | 0.6 | 69 |
| 31 | Diagnostic Accuracy of Myocardial Perfusion Imaging With CZT Technology. JACC: Cardiovascular Imaging, 2017, 10, 787-794. | 2.3 | 69 |
| 32 | Cooperation Between Insulin and Leptin in the Modulation of Vascular Tone. Hypertension, 2003, 42, 166-170. | 1.3 | 67 |
| 33 | Impact of Tobacco Versus Electronic Cigarette Smoking on Platelet Function. American Journal of Cardiology, 2018, 122, 1477-1481. | 0.7 | 65 |
| 34 | Generation of Human Induced Pluripotent Stem Cell-Derived Bona Fide Neural Stem Cells for Ex Vivo Gene Therapy of Metachromatic Leukodystrophy. Stem Cells Translational Medicine, 2017, 6, 352-368. | 1.6 | 63 |
| 35 | Repair of congenital malformations of the mitral valve: early and midterm results. Annals of Thoracic Surgery, 2002, 73, 614-621. | 0.7 | 62 |
| 36 | Atherosclerotic coronary plaque regression and the risk of adverse cardiovascular events: A meta-regression of randomized clinical trials. Atherosclerosis, 2013, 226, 178-185. | 0.4 | 62 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Dark Chocolate Acutely Improves Walking Autonomy in Patients With Peripheral Artery Disease. Journal of the American Heart Association, 2014, 3, . | 1.6 | 62 |
| 38 | Impairment between Oxidant and Antioxidant Systems: Short- and Long-term Implications for Athletesâ€™ Health. Nutrients, 2019, 11, 1353. | 1.7 | 61 |
| 39 | Pharmacological restoration of autophagy reduces hypertension-related stroke occurrence. Autophagy, 2020, 16, 1468-1481. | 4.3 | 60 |
| 40 | Human cardiosphere-seeded gelatin and collagen scaffolds as cardiogenic engineered bioconstructs. Biomaterials, 2011, 32, 9271-9281. | 5.7 | 59 |
| 41 | Impaired Insulin-Like Growth Factor I Vasorelaxant Effects in Hypertension. Hypertension, 2001, 37, 1480-1485. | 1.3 | 58 |
| 42 | Should Mild-to-Moderate and Moderate Ischemic Mitral Regurgitation Be Corrected in Patients with Impaired Left Ventricular Function Undergoing Simultaneous Coronary Revascularization?. Journal of Cardiac Surgery, 2001, 16, 473-483. | 0.3 | 57 |
| 43 | Resistin Impairs Insulin-Evoked Vasodilation. Diabetes, 2008, 57, 577-583. | 0.3 | 57 |
| 44 | Placental Growth Factor Regulates Cardiac Inflammation Through the Tissue Inhibitor of Metalloproteinases-3/Tumor Necrosis Factor-Î±â€“Converting Enzyme Axis. Circulation, 2011, 124, 1337-1350. | 1.6 | 57 |
| 45 | Isolation and Expansion of Adult Cardiac Stem/Progenitor Cells in the Form of Cardiospheres from Human Cardiac Biopsies and Murine Hearts. Methods in Molecular Biology, 2012, 879, 327-338. | 0.4 | 57 |
| 46 | Nephropathy after administration of iso-osmolar and low-osmolar contrast media: Evidence from a network meta-analysis. International Journal of Cardiology, 2014, 172, 375-380. | 0.8 | 55 |
| 47 | Mutated p21/WAF/CIP transgene overexpression reduces smooth muscle cell proliferation, macrophage deposition, oxidationâ€sensitive mechanisms, and restenosis in hypercholesterolemic apolipoprotein E knockout mice. FASEB Journal, 2001, 15, 2162-2170. | 0.2 | 53 |
| 48 | Single systemic transfer of a human gene associated with exceptional longevity halts the progression of atherosclerosis and inflammation in ApoE knockout mice through a CXCR4-mediated mechanism. European Heart Journal, 2020, 41, 2487-2497. | 1.0 | 50 |
| 49 | Pressure distension stimulates the expression of endothelial adhesion molecules in the human saphenous vein graft. Annals of Thoracic Surgery, 2003, 76, 453-458. | 0.7 | 49 |
| 50 | Coronary computed tomographic angiography for detection of coronary artery disease in patients presenting to the emergency department with chest pain: a meta-analysis of randomized clinical trials. European Heart Journal Cardiovascular Imaging, 2013, 14, 782-789. | 0.5 | 48 |
| 51 | Novel Beneficial Cardiovascular Effects of Natural Activators of Autophagy. Circulation Research, 2018, 123, 947-949. | 2.0 | 46 |
| 52 | Extracorporeal membrane oxygenation for critically ill patients with coronavirus-associated disease 2019: an updated perspective of the European experience. Minerva Cardioangiologica, 2020, 68, 368-372. | 1.2 | 44 |
| 53 | PI3KÎ³ inhibition reduces blood pressure by a vasorelaxant Akt/L-type calcium channel mechanism. Cardiovascular Research, 2012, 93, 200-209. | 1.8 | 43 |
| 54 | A national survey of Italian physiciansâ€™ attitudes towards end-of-life decisions following the death of Eluana Englaro. Intensive Care Medicine, 2011, 37, 542-549. | 3.9 | 42 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Cardiac Remodeling in Obese Patients After Laparoscopic Sleeve Gastrectomy. World Journal of Surgery, 2013, 37, 565-572. | 0.8 | 41 |
| 56 | Serum and supplement optimization for <scp>EU GMP</scp>â€compliance in cardiospheres cell culture. Journal of Cellular and Molecular Medicine, 2014, 18, 624-634. | 1.6 | 41 |
| 57 | Network meta-analysis for evidence synthesis: What is it and why is it posed to dominate cardiovascular decision making?. International Journal of Cardiology, 2015, 182, 309-314. | 0.8 | 39 |
| 58 | An Overview of the Molecular Mechanisms Associated with Myocardial Ischemic Injury: State of the Art and Translational Perspectives. Cells, 2022, 11, 1165. | 1.8 | 39 |
| 59 | Cardiotoxicity of a non-pegylated liposomal doxorubicin-based regimen versus an epirubicin-based regimen for breast cancer: The LITE (Liposomal doxorubicinâ€"Investigational chemotherapyâ€"Tissue) Tj ETQq1 1 0.784314 rgBT /Over 1055-1057. | 0.8 | 38 |
| 60 | MicroRNAs in Coronary Heart Disease: Ready to Enter the Clinical Arena?. BioMed Research International, 2016, 2016, 1-10. | 0.9 | 38 |
| 61 | Boosting autophagy in the diabetic heart: a translational perspective. Cardiovascular Diagnosis and Therapy, 2015, 5, 394-402. | 0.7 | 37 |
| 62 | Early and long-term outcome in patients undergoing aortic root replacement with composite graft according to the Bentall's technique. European Journal of Cardio-thoracic Surgery, 2002, 21, 15-21. | 0.6 | 36 |
| 63 | The Role of Antioxidants Supplementation in Clinical Practice: Focus on Cardiovascular Risk Factors. Antioxidants, 2021, 10, 146. | 2.2 | 35 |
| 64 | Risk of stroke with percutaneous coronary intervention compared with on-pump and off-pump coronary artery bypass graft surgery: Evidence from a comprehensive network meta-analysis. American Heart Journal, 2013, 165, 910-917.e14. | 1.2 | 34 |
| 65 | Givinostat reduces adverse cardiac remodeling through regulating fibroblasts activation. Cell Death and Disease, 2018, 9, 108. | 2.7 | 34 |
| 66 | Role of NOX2 in mediating doxorubicin-induced senescence in human endothelial progenitor cells. Mechanisms of Ageing and Development, 2016, 159, 37-43. | 2.2 | 33 |
| 67 | Discontinuation of Dual Antiplatelet Therapy Over 12 Months after Acute Coronary Syndromes Increases Risk for Adverse Events in Patients Treated with Percutaneous Coronary Intervention: Systematic Review and Metaâ€Analysis. Journal of Interventional Cardiology, 2014, 27, 233-241. | 0.5 | 32 |
| 68 | Role of NADPH oxidase in the regulation of autophagy in cardiomyocytes. Clinical Science, 2015, 128, 387-403. | 1.8 | 32 |
| 69 | Î²-blockers treatment of cardiac surgery patients enhances isolation and improves phenotype of cardiosphere-derived cells. Scientific Reports, 2016, 6, 36774. | 1.6 | 31 |
| 70 | Cardiospheres and tissue engineering for myocardial regeneration: potential for clinical application. Journal of Cellular and Molecular Medicine, 2010, 14, no-no. | 1.6 | 30 |
| 71 | Does On-Pump/Beating-Heart Coronary Artery Bypass Grafting Offer Better Outcome in End-Stage Coronary Artery Disease Patients?. Journal of Cardiac Surgery, 2010, 15, 403-410. | 0.3 | 30 |
| 72 | Optimization of the isolation and expansion method of human mediastinalâ€"adipose tissue derived mesenchymal stem cells with virally inactivated GMP-grade platelet lysate. Cytotechnology, 2015, 67, 165-174. | 0.7 | 30 |

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|---|---|---|---|
| 73 | Coronary surgery is superior to drug eluting stents in multivessel disease. Systematic review and meta-analysis of contemporary randomized controlled trials. International Journal of Cardiology, 2016, 210, 19-24. | 0.8 | 30 |
| 74 | In situ retrocaval skeletonized right internal thoracic artery anastomosed to the circumflex system via transverse sinus: Technical aspects and postoperative outcome. Journal of Thoracic and Cardiovascular Surgery, 2003, 126, 1302-1313. | 0.4 | 27 |
| 75 | State of the Art on the Evidence Base in Cardiac Regenerative Therapy: Overview of 41 Systematic Reviews. BioMed Research International, 2015, 2015, 1-7. | 0.9 | 27 |
| 76 | The adipose tissue of origin influences the biological potential of human adipose stromal cells isolated from mediastinal and subcutaneous fat depots. Stem Cell Research, 2016, 17, 342-351. | 0.3 | 27 |
| 77 | The Impact of Environmental Factors in Influencing Epigenetics Related to Oxidative States in the Cardiovascular System. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-18. | 1.9 | 27 |
| 78 | 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, 2018, 1-10. | 1.9 | 27 |
| 79 | Caloric restriction mimetics for the treatment of cardiovascular diseases. Cardiovascular Research, 2021, 117, 1434-1449. | 1.8 | 27 |
| 80 | Simplifying clinical risk prediction for percutaneous coronary intervention of bifurcation lesions: the case for the ACEF (age, creatinine, ejection fraction) score. EuroIntervention, 2012, 8, 359-367. | 1.4 | 27 |
| 81 | Bone marrowâ€derived cells can acquire cardiac stem cells properties in damaged heart. Journal of Cellular and Molecular Medicine, 2011, 15, 63-71. | 1.6 | 26 |
| 82 | Ventilatory Management During Normothermic Ex Vivo Lung Perfusion. Transplantation, 2016, 100, 1128-1135. | 0.5 | 26 |
| 83 | Residual dissection of the brachiocephalic arteries: Significance, management, and long-term outcome. Journal of Thoracic and Cardiovascular Surgery, 2004, 128, 303-312. | 0.4 | 25 |
| 84 | Cardiosphere Conditioned Media Influence the Plasticity of Human Mediastinal Adipose Tissue-Derived Mesenchymal Stem Cells. Cell Transplantation, 2015, 24, 2307-2322. | 1.2 | 25 |
| 85 | Temporal Changes in Standard and Tissue Doppler Imaging Echocardiographic Parameters After Anthracycline Chemotherapy in Women With Breast Cancer. American Journal of Cardiology, 2013, 112, 1005-1012. | 0.7 | 24 |
| 86 | A standardized laboratory and surgical method for in vitro culture isolation and expansion of primary human Tenonâ€™s fibroblasts. Cell and Tissue Banking, 2013, 14, 277-287. | 0.5 | 24 |
| 87 | Intratracheal Administration of Small Interfering RNA Targeting Fas Reduces Lung Ischemia-Reperfusion Injury*. Critical Care Medicine, 2016, 44, e604-e613. | 0.4 | 24 |
| 88 | LAV-BPIFB4 isoform modulates eNOS signalling through Ca2+/PKC-alpha-dependent mechanism. Cardiovascular Research, 2017, 113, 795-804. | 1.8 | 24 |
| 89 | Vaping Cardiovascular Health Risks: an Updated Umbrella Review. Current Emergency and Hospital Medicine Reports, 2020, 8, 103-109. | 0.6 | 24 |
| 90 | Mitral valve surgery simultaneous to coronary revascularization in patients with end-stage ischemic cardiomyopathy. Heart and Vessels, 2006, 21, 20-27. | 0.5 | 23 |

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|---|---|---|---|
| 91 | Prognostic impact of location and extent of vessel-related ischemia at myocardial perfusion scintigraphy in patients with or at risk for coronary artery disease. Journal of Nuclear Cardiology, 2016, 23, 274-284. | 1.4 | 23 |
| 92 | Human Lung Spheroids as In Vitro Niches of Lung Progenitor Cells with Distinctive Paracrine and Plasticity Properties. Stem Cells Translational Medicine, 2017, 6, 767-777. | 1.6 | 23 |
| 93 | An overview of the molecular mechanisms underlying development and progression of bicuspid aortic valve disease. Journal of Molecular and Cellular Cardiology, 2019, 132, 146-153. | 0.9 | 23 |
| 94 | Suitability of Human Tenonâ€™s Fibroblasts as Feeder Cells for Culturing Human Limbal Epithelial Stem Cells. Stem Cell Reviews and Reports, 2013, 9, 847-857. | 5.6 | 22 |
| 95 | Rac1 Pharmacological Inhibition Rescues Human Endothelial Dysfunction. Journal of the American Heart Association, 2017, 6, . | 1.6 | 22 |
| 96 | Therapeutical Options in the Management of Carotid Dissection. Annals of Vascular Surgery, 2017, 41, 69-76. | 0.4 | 22 |
| 97 | The Pathophysiological Role of NOX2 in Hypertension and Organ Damage. High Blood Pressure and Cardiovascular Prevention, 2016, 23, 355-364. | 1.0 | 21 |
| 98 | Impact of Electronic Alternatives to Tobacco Cigarettes on Indoor Air Particular Matter Levels. International Journal of Environmental Research and Public Health, 2020, 17, 2947. | 1.2 | 21 |
| 99 | The complex network of mTOR signalling in the heart. Cardiovascular Research, 2022, 118, 424-439. | 1.8 | 21 |
| 100 | Percutaneous coronary intervention in nonagenarians: pros and cons. Journal of Geriatric Cardiology, 2013, 10, 82-90. | 0.2 | 21 |
| 101 | A modified technique for repair of the anomalous origin of the right pulmonary artery from the ascending aorta. European Journal of Cardio-thoracic Surgery, 2002, 22, 148-150. | 0.6 | 20 |
| 102 | A Network Meta-Analysis on Randomized Trials Focusing on the Preventive Effect of Statins on Contrast-Induced Nephropathy. BioMed Research International, 2014, 2014, 1-9. | 0.9 | 20 |
| 103 | Beta2-adrenergic signaling affects the phenotype of human cardiac progenitor cells through EMT modulation. Pharmacological Research, 2018, 127, 41-48. | 3.1 | 20 |
| 104 | Reduction of hyperacute rejection and protection of metabolism and function in hearts of human decay accelerating factor (hDAF)-expressing pigsâ˜†. Cardiovascular Research, 2007, 73, 143-152. | 1.8 | 19 |
| 105 | Cell Based Approaches for Myocardial Regeneration and Artificial Myocardium. Current Stem Cell Research and Therapy, 2007, 2, 121-127. | 0.6 | 19 |
| 106 | Altered calcium regulation in isolated cardiomyocytes from Egr-1 knock-out mice. Canadian Journal of Physiology and Pharmacology, 2013, 91, 1135-1142. | 0.7 | 19 |
| 107 | Total Adiponectin Is Inversely Associated with Platelet Activation and CHA<sub>2</sub>DS<sub>2</sub>-VASc Score in Anticoagulated Patients with Atrial Fibrillation. Mediators of Inflammation, 2014, 2014, 1-6. | 1.4 | 19 |
| 108 | Time to and risk of cardiac events after myocardial perfusion scintigraphy. Journal of Cardiology, 2015, 66, 125-129. | 0.8 | 19 |

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|---|---|---|---|
| 109 | The Positive Effects of Exercise in Chemotherapy-Related Cardiomyopathy. Advances in Experimental Medicine and Biology, 2017, 1000, 103-129. | 0.8 | 19 |
| 110 | Normal versus Pathological Cardiac Fibroblast-Derived Extracellular Matrix Differentially Modulates Cardiosphere-Derived Cell Paracrine Properties and Commitment. Stem Cells International, 2017, 2017, 1-9. | 1.2 | 19 |
| 111 | The Biological Mechanisms of Action of Cardiac Progenitor Cell Therapy. Current Cardiology Reports, 2018, 20, 84. | 1.3 | 19 |
| 112 | Urinary Dickkopf-3 and Contrast-Associated Kidney Damage. Journal of the American College of Cardiology, 2021, 77, 2667-2676. | 1.2 | 18 |
| 113 | Von Willebrand factor with increased binding capacity is associated with reduced platelet aggregation but enhanced agglutination in COVID-19 patients: another COVID-19 paradox?. Journal of Thrombosis and Thrombolysis, 2021, 52, 105-110. | 1.0 | 18 |
| 114 | Expansion of specific Î±Î²+ T-cell subsets in the myocardium of patients with myocarditis and idiopathic dilated cardiomyopathy associated with Coxsackievirus B infection. Human Immunology, 2003, 64, 194-210. | 1.2 | 17 |
| 115 | Perioperative and clinical-angiographic late outcome of total arterial myocardial revascularization according to different composite original graft techniques. Heart and Vessels, 2006, 21, 69-77. | 0.5 | 17 |
| 116 | A rare genetic variant of BPIFB4 predisposes to high blood pressure via impairment of nitric oxide signaling. Scientific Reports, 2017, 7, 9706. | 1.6 | 17 |
| 117 | Profiling the Acute Effects of Modified Risk Products: Evidence from the SUR-VAPES (Sapienza) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Current Atherosclerosis Reports, 2020, 22, 8. | 2.0 | 17 |
| 118 | Concomitant Carotid Endarterectomy and Coronary Bypass Surgery: Should Cardiopulmonary Bypass Be Used for the Carotid Procedure?. Journal of Cardiac Surgery, 2008, 17, 51-59. | 0.3 | 16 |
| 119 | Cardiac and skeletal muscle expression of mutant Î²â€myosin heavy chains, degree of functional impairment and phenotypic heterogeneity in hypertrophic cardiomyopathy. Journal of Cellular Physiology, 2012, 227, 3471-3476. | 2.0 | 16 |
| 120 | Drugs for attention deficitâ€“hyperactivity disorder do not increase the mid-term risk of sudden death in children: A meta-analysis of observational studies. International Journal of Cardiology, 2013, 168, 4320-4321. | 0.8 | 16 |
| 121 | Miniaturized extracorporeal circulation versus off-pump coronary artery bypass grafting: A meta-analysis of randomized controlled trials. International Journal of Surgery, 2015, 14, 96-104. | 1.1 | 16 |
| 122 | Which Aspirin Dose and Preparation Is Best for the Long-Term Prevention of Cardiovascular Disease and Cancer? Evidence From a Systematic Review and Network Meta-Analysis. Progress in Cardiovascular Diseases, 2016, 58, 495-504. | 1.6 | 16 |
| 123 | The Microenvironment of Decellularized Extracellular Matrix from Heart Failure Myocardium Alters the Balance between Angiogenic and Fibrotic Signals from Stromal Primitive Cells. International Journal of Molecular Sciences, 2020, 21, 7903. | 1.8 | 16 |
| 124 | Impact of environmental pollution and weather changes on the incidence of ST-elevation myocardial infarction. European Journal of Preventive Cardiology, 2021, 28, 1501-1507. | 0.8 | 16 |
| 125 | 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. Minerva Cardioangiologica, 2020, 68, 548-555. | 1.2 | 16 |
| 126 | Î» graft with the radial artery or free left internal mammary artery anastomosed to the right internal mammary artery: flow dynamics. Annals of Thoracic Surgery, 2001, 72, 1275-1281. | 0.7 | 15 |

| # | Article | IF | Citations |
|---|---|---|---|
| 127 | A novel signalling mechanism regulating telomere length in cardiomyocytes. Cardiovascular Research, 2021, 117, 13-14. | 1.8 | 15 |
| 128 | Beneficial effects of a combination of natural product activators of autophagy on endothelial cells and platelets. British Journal of Pharmacology, 2021, 178, 2146-2159. | 2.7 | 15 |
| 129 | Trehalose, a natural disaccharide, reduces stroke occurrence in the stroke-prone spontaneously hypertensive rat. Pharmacological Research, 2021, 173, 105875. | 3.1 | 15 |
| 130 | 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. Tobacco Induced Diseases, 2018, 16, 18. | 0.3 | 15 |
| 131 | An overview of cycling as active transportation and as benefit for health. Minerva Cardioangiologica, 2020, 68, 81-97. | 1.2 | 15 |
| 132 | Port Access (Thru-Port System) video-assisted mitral valve surgery. Journal of Thoracic Disease, 2013, 5 Suppl 6, S680-5. | 0.6 | 15 |
| 133 | Chronic Type A aortic dissection: could surgical intervention be guided by molecular markers?. Journal of Cellular and Molecular Medicine, 2011, 15, 1615-1619. | 1.6 | 14 |
| 134 | Drug-eluting balloons for peripheral artery disease: A meta-analysis of 7 randomized clinical trials and 643 patients. International Journal of Cardiology, 2013, 168, 570-571. | 0.8 | 14 |
| 135 | GMP-grade platelet lysate enhances proliferation and migration of tenon fibroblasts. Frontiers in Bioscience - Elite, 2016, 8, 84-99. | 0.9 | 14 |
| 136 | A Typical Immune T/B Subset Profile Characterizes Bicuspid Aortic Valve: In an Old Status?. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-9. | 1.9 | 14 |
| 137 | Comparative Indoor Pollution from Glo, Iqos, and Juul, Using Traditional Combustion Cigarettes as Benchmark: Evidence from the Randomized SUR-VAPES AIR Trial. International Journal of Environmental Research and Public Health, 2020, 17, 6029. | 1.2 | 14 |
| 138 | SIRT1 pharmacological activation rescues vascular dysfunction and prevents thrombosis in MTHFR deficiency. Cellular and Molecular Life Sciences, 2022, 79, . | 2.4 | 14 |
| 139 | Beating heart myocardial revascularization on extracorporeal circulation in patients with end-stage coronary artery disease. Vascular, 2001, 9, 608-614. | 0.5 | 13 |
| 140 | Comparative safety and effectiveness of coronary computed tomography: Systematic review and meta-analysis including 11 randomized controlled trials and 19,957 patients. International Journal of Cardiology, 2016, 222, 352-358. | 0.8 | 13 |
| 141 | Successful use of the Impella Recover LP 5.0 device for circulatory support during off-pump coronary artery bypass grafting. International Journal of Surgery Case Reports, 2014, 5, 803-805. | 0.2 | 12 |
| 142 | Multidisciplinary approaches to stimulate wound healing. Annals of the New York Academy of Sciences, 2016, 1378, 137-142. | 1.8 | 12 |
| 143 | Assessment of the fate of myocardial necrosis by serial myocardial perfusion imaging. Journal of Nuclear Cardiology, 2018, 25, 496-505. | 1.4 | 12 |
| 144 | On the Road to Regeneration: â€œToolsâ€•and â€œRoutesâ€•Towards Efficient Cardiac Cell Therapy for Ischemic Cardiomyopathy. Current Cardiology Reports, 2019, 21, 133. | 1.3 | 12 |

| # | Article | IF | Citations |
|---|---|---|---|
| 145 | How to manage an athlete with mitral valve prolapse. European Journal of Preventive Cardiology, 2021, 28, 1110-1117. | 0.8 | 12 |
| 146 | Interplay between COVID-19, pollution, and weather features on changes in the incidence of acute coronary syndromes in early 2020. International Journal of Cardiology, 2021, 329, 251-259. | 0.8 | 12 |
| 147 | Excess all-cause mortality during COVID-19 outbreak: potential role of untreated cardiovascular disease. Minerva Cardiology and Angiology, 2020, , . | 0.4 | 12 |
| 148 | Prognostic accuracy of myocardial perfusion imaging in octogenarians. Journal of Nuclear Cardiology, 2018, 25, 1342-1349. | 1.4 | 11 |
| 149 | A network meta-analysis of randomized trials and observational studies on left ventricular assist devices in adult patients with end-stage heart failure. European Journal of Cardio-thoracic Surgery, 2019, 55, 461-467. | 0.6 | 11 |
| 150 | Role of Oxidative Stress and Autophagy in Thoracic Aortic Aneurysms. JACC Basic To Translational Science, 2021, 6, 719-730. | 1.9 | 11 |
| 151 | Aspirin underuse, non-compliance or cessation: Definition, extent, impact and potential solutions in the primary and secondary prevention of cardiovascular disease. International Journal of Cardiology, 2015, 182, 148-154. | 0.8 | 10 |
| 152 | Baseline, procedural and outcome features of patients undergoing transcatheter aortic valve implantation according to different body mass index categories. Minerva Medica, 2021, 112, 474-482. | 0.3 | 10 |
| 153 | Cardiovascular effects of COVID-19 lockdown in professional football players. Panminerva Medica, 2022, 64, . | 0.2 | 10 |
| 154 | Beating Heart Ischemic Mitral Valve Repair and Coronary Revascularization in Patients with Impaired Left Ventricular Function. Journal of Cardiac Surgery, 2003, 18, 375-383. | 0.3 | 9 |
| 155 | Long-Term Home Noninvasive Mechanical Ventilation Increases Systemic Inflammatory Response in Chronic Obstructive Pulmonary Disease: A Prospective Observational Study. Mediators of Inflammation, 2014, 2014, 1-11. | 1.4 | 9 |
| 156 | Bilateral internal mammary artery grafting in obese: Outcomes, concerns and controversies. International Journal of Surgery, 2015, 16, 158-162. | 1.1 | 9 |
| 157 | Impact of coronary revascularization vs medical therapy on ischemia among stable patients with or suspected coronary artery disease undergoing serial myocardial perfusion scintigraphy. Journal of Nuclear Cardiology, 2017, 24, 1690-1698. | 1.4 | 9 |
| 158 | Impact of coronary revascularization on the clinical and scintigraphic outlook of patients with myocardial ischemia. Journal of Cardiovascular Medicine, 2017, 18, 404-409. | 0.6 | 9 |
| 159 | The Light and Shadow of Senescence and Inflammation in Cardiovascular Pathology and Regenerative Medicine. Mediators of Inflammation, 2017, 2017, 1-13. | 1.4 | 9 |
| 160 | Management of Structural Heart Disease and Acute Coronary Syndromes in the COVID-19 Pandemic. Current Atherosclerosis Reports, 2020, 22, 29. | 2.0 | 9 |
| 161 | Polymorphisms of Pro-Inflammatory IL-6 and IL-1Î² Cytokines in Ascending Aortic Aneurysms as Genetic Modifiers and Predictive and Prognostic Biomarkers. Biomolecules, 2021, 11, 943. | 1.8 | 9 |
| 162 | c-kit cardiac progenitor cells: What is their potential?. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, E78; author reply E79. | 3.3 | 8 |

| # | Article | IF | Citations |
|---|---|---|---|
| 163 | A Novel Closed-Chest Porcine Model of Chronic Ischemic Heart Failure Suitable for Experimental Research in Cardiovascular Disease. BioMed Research International, 2013, 2013, 1-8. | 0.9 | 8 |
| 164 | NOX 5 is expressed in platelets from patients with chronic granulomatous disease. Thrombosis and Haemostasis, 2016, 116, 198-200. | 1.8 | 8 |
| 165 | Deregulation of TLR4 signaling pathway characterizes Bicuspid Aortic valve syndrome. Scientific Reports, 2019, 9, 11028. | 1.6 | 8 |
| 166 | Impact of temporary traffic bans on the risk of acute coronary syndromes in a large metropolitan area. Panminerva Medica, 2021, 62, 252-259. | 0.2 | 8 |
| 167 | Circulating Lipopolysaccharides and Impaired Antioxidant Status in Patients With Atrial Fibrillation. Data From the ATHERO-AF Study. Frontiers in Cardiovascular Medicine, 2021, 8, 779503. | 1.1 | 8 |
| 168 | Oxidative Stress in the Pathogenesis of Antiphospholipid Syndrome: Implications for the Atherothrombotic Process. Antioxidants, 2021, 10, 1790. | 2.2 | 8 |
| 169 | Innominate artery cannulation in patients with severe porcelain aorta. Annals of Thoracic Surgery, 2001, 71, 399-400. | 0.7 | 7 |
| 170 | Light on the molecular and cellular mechanisms of bicuspid aortic valve to unveil phenotypic heterogeneity. Journal of Molecular and Cellular Cardiology, 2019, 133, 113-114. | 0.9 | 7 |
| 171 | ST-elevation myocardial infarction in the COVID-19 era. Minerva Cardiology and Angiology, 2021, 69, 6-8. | 0.4 | 7 |
| 172 | A national survey of Italian physiciansâ€™ attitudes towards end-of-life decisions following the death of Eluana Englaro: reply to M.Y. Rady. Intensive Care Medicine, 2011, 37, 1394-1395. | 3.9 | 6 |
| 173 | Culture of Human Limbal Epithelial Stem Cells on Tenonâ€™s Fibroblast Feeder-Layers: A Translational Approach. Methods in Molecular Biology, 2014, 1283, 187-198. | 0.4 | 6 |
| 174 | Commentary: Observations, Trials, and Meta-Analyses: The Life Cycle of Evidence-Based Endovascular Therapy. Journal of Endovascular Therapy, 2014, 21, 693-696. | 0.8 | 6 |
| 175 | Visit-to-Visit Systolic Blood Pressure Variability and Cardiovascular Outcomes: New Data From a Real-World Korean Population. American Journal of Hypertension, 2017, 30, 550-553. | 1.0 | 6 |
| 176 | Comparative spallation performance of silicone versus Tygon extracorporeal circulation tubing. Interactive Cardiovascular and Thoracic Surgery, 2019, 29, 685-692. | 0.5 | 6 |
| 177 | Noninvasive cardiovascular imaging for myocardial necrosis, viability, stunning and hibernation: evidence from an umbrella review encompassing 12 systematic reviews, 286 studies, and 201,680 patients. Minerva Cardiology and Angiology, 2021, 69, 191-200. | 0.4 | 6 |
| 178 | Age-Related Electrocardiographic Characteristics of Male Junior Soccer Athletes. Frontiers in Cardiovascular Medicine, 2021, 8, 784170. | 1.1 | 6 |
| 179 | Reoperative revascularization of an occluded left subclavian artery and left internal mammary artery ostial stenosis. European Journal of Cardio-thoracic Surgery, 2002, 21, 108-110. | 0.6 | 5 |
| 180 | Bridging the Gap between Translational and Outcome Research in Cardiovascular Disease. BioMed Research International, 2015, 2015, 1-3. | 0.9 | 5 |

| # | Article | IF | Citations |
|---|---|---|---|
| 181 | Optimizing the exposure in minimally invasive mitral surgery: a new left atrial retractor system. Journal of Thoracic Disease, 2016, 8, 3728-3732. | 0.6 | 5 |
| 182 | The Importance of Restoring the Adiponectin Signaling Pathway to Reduce Myocardial Reperfusion Injury in Diabetes. Diabetes, 2016, 65, 826-828. | 0.3 | 5 |
| 183 | Sex Differences of Human Cardiac Progenitor Cells in the Biological Response to TNF-Î± Treatment. Stem Cells International, 2017, 2017, 1-9. | 1.2 | 5 |
| 184 | When enough is more than enough: The hidden side of the cardiac effects of intense physical exercise. International Journal of Cardiology, 2018, 258, 224-225. | 0.8 | 5 |
| 185 | Veneto's Successful Lesson for a World Shocked by COVID-19: Think Globally and Act Locally. Journal of Cardiothoracic and Vascular Anesthesia, 2020, 34, 2346-2348. | 0.6 | 5 |
| 186 | H9c2 Cardiomyocytes under Hypoxic Stress: Biological Effects Mediated by Sentinel Downstream Targets. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-10. | 1.9 | 5 |
| 187 | Aging-Related Decline of Autophagy in Patients with Atrial Fibrillationâ€"A Post Hoc Analysis of the ATHERO-AF Study. Antioxidants, 2022, 11, 698. | 2.2 | 5 |
| 188 | Commentary: Identifying the Best Device for Infrapopliteal Revascularization Through Quantitative Evidence Synthesis. Journal of Endovascular Therapy, 2016, 23, 864-866. | 0.8 | 4 |
| 189 | Lipopolysaccharide induces platelet activation in HIV patients: the role of different viral load patterns. HIV Medicine, 2021, 22, 434-444. | 1.0 | 4 |
| 190 | Final results of the ISCHEMIA trial: distinguishing mass media coverage from clinical interpretation. Minerva Cardioangiologica, 2020, 68, 9-14. | 1.2 | 4 |
| 191 | Cardiovascular medicine: a year in review. Minerva Cardiology and Angiology, 2021, , . | 0.4 | 4 |
| 192 | Coronary artery-left atrial fistula: displayed by 64-slice computed tomography. Texas Heart Institute Journal, 2011, 38, 90-1. | 0.1 | 4 |
| 193 | Impact of weather and pollution on the rate of cerebrovascular events in a large metropolitan area. Panminerva Medica, 2022, 64, 17-23. | 0.2 | 4 |
| 194 | Platelet Activation Favours NOX2-Mediated Muscle Damage in Elite Athletes: The Role of Cocoa-Derived Polyphenols. Nutrients, 2022, 14, 1558. | 1.7 | 4 |
| 195 | Acute Profound Thrombocytopenia After Treatment With Tirofiban and Off-Pump Coronary Artery Bypass Grafting: Is There a Paradox?. Annals of Thoracic Surgery, 2009, 88, 1048. | 0.7 | 3 |
| 196 | Noncompliance and Cessation of DualÂAntiplatelet Therapy After CoronaryÂStenting. JACC: Cardiovascular Interventions, 2015, 8, 411-413. | 1.1 | 3 |
| 197 | A novel protective role for activating transcription factor 3 in the cardiac response to metabolic stress. Cardiovascular Research, 2017, 113, 113-114. | 1.8 | 3 |
| 198 | What We Learned with Recent Network Meta-analyses on Atherosclerosis Prevention and Treatment. Current Atherosclerosis Reports, 2017, 19, 8. | 2.0 | 3 |

| # | Article | IF | Citations |
|---|---|---|---|
| 199 | Temporal Trends in the Prevalence, Severity, and Localization of Myocardial Ischemia and Necrosis at Myocardial Perfusion Imaging After Myocardial Infarction. American Journal of Cardiology, 2017, 120, 1238-1244. | 0.7 | 3 |
| 200 | Histone acetylation favours the cardiovascular commitment of adipose tissue-derived stromal cells. International Journal of Cardiology, 2017, 243, 421-423. | 0.8 | 3 |
| 201 | How to be young at heart? miR-22 as a potential therapeutic target to boost autophagy and protect the old myocardium. Annals of Translational Medicine, 2017, 5, 52-52. | 0.7 | 3 |
| 202 | Cell-Derived Exosomes for Cardiovascular Therapies. Hypertension, 2018, 72, 279-280. | 1.3 | 3 |
| 203 | New imaging techniques project the cellular and molecular alterations underlying bicuspid aortic valve development. Journal of Molecular and Cellular Cardiology, 2019, 129, 197-207. | 0.9 | 3 |
| 204 | Oral antiplatelet therapy in the elderly undergoing percutaneous coronary intervention: an umbrella review. Journal of Thoracic Disease, 2020, 12, 1656-1664. | 0.6 | 3 |
| 205 | Multiple Giant Coronary Aneurysms: A Role for Multimodality Imaging. Echocardiography, 2011, 28, E219-22. | 0.3 | 2 |
| 206 | Mario Monicelli's Grande Guerra: the right of living and the choice of dying. Journal of Medical Ethics, 2011, 37, 573-576. | 1.0 | 2 |
| 207 | Cardiac Recovery During Long-Term LVAD. Journal of the American College of Cardiology, 2017, 69, 1880-1881. | 1.2 | 2 |
| 208 | Accuracy of the "International Criteria" for ECG screening in athletes in comparison with previous published criteria: rationale and design of a diagnostic meta-analysis. Minerva Cardiology and Angiology, 2020, , . | 0.4 | 2 |
| 209 | Current knowledge on the association between cardiovascular and periodontal disease: an umbrella review. Minerva Cardiology and Angiology, 2023, 71, . | 0.4 | 2 |
| 210 | The impact of autophagy modulation on phenotype and survival of cardiac stromal cells under metabolic stress. Cell Death Discovery, 2022, 8, 149. | 2.0 | 2 |
| 211 | Myocardial Revascularization in Chronic Renal Failure: 10-Year Experience. Asian Cardiovascular and Thoracic Annals, 2001, 9, 176-181. | 0.2 | 1 |
| 212 | Off-Pump Total Arterial Myocardial Revascularization According to the Right Y-Graft Configuration. Journal of Cardiac Surgery, 2003, 18, 8-16. | 0.3 | 1 |
| 213 | Network meta-analyses and mixed treatment comparisons: Are they true scientific endeavors?. International Journal of Cardiology, 2013, 168, 1575-1576. | 0.8 | 1 |
| 214 | Left Ventricular Assist Devices in Chronic Heart Failure. Journal of the American College of Cardiology, 2013, 62, 2257. | 1.2 | 1 |
| 215 | Risks and benefits of very low levels of low-density lipoprotein cholesterol: When less is not necessarily more. International Journal of Cardiology, 2020, 311, 104-106. | 0.8 | 1 |
| 216 | T2238C atrial natriuretic peptide gene variant and cardiovascular events in patients with atrial fibrillation: A substudy from the ATHERO-AF cohort. International Journal of Cardiology, 2021, 322, 245-249. | 0.8 | 1 |

| # | Article | IF | Citations |
|---|---|---|---|
| 217 | Impact of arterial hypertension and its management strategies on cognitive function and dementia: a comprehensive umbrella review. Minerva Cardiology and Angiology, 2020, , . | 0.4 | 1 |
| 218 | The cardiologist's commandment: Thou shalt not retract!. International Journal of Cardiology, 2022, 350, 106-108. | 0.8 | 1 |
| 219 | Of genes and men. Journal of Cardiovascular Medicine, 2014, 15, 727-729. | 0.6 | 0 |
| 220 | Commentary: Which Comes First, the Phoenix or the Flame? Reflections on the Role of Inflammation in Patients Undergoing Lower Limb Revascularization for Peripheral Artery Disease. Journal of Endovascular Therapy, 2015, 22, 240-242. | 0.8 | 0 |
| 221 | Î²â€¤adrenergic receptors and cardiac progenitor cell biology: What is the real connection?. Journal of Cellular Biochemistry, 2018, 119, 7125-7126. | 1.2 | 0 |
| 222 | Introduction to Clinical Diagnosis. , 2018, , 3-9. | | 0 |
| 223 | Get out of trouble during redo surgery for false aneurysm of the ascending aorta. Asian Cardiovascular and Thoracic Annals, 2020, 28, 104-107. | 0.2 | 0 |
| 224 | Of Size and Men: A Call for Larger Trials and Meta-Analyses on Vasopressors During General Anesthesia. Journal of Cardiothoracic and Vascular Anesthesia, 2021, 35, 70-72. | 0.6 | 0 |
| 225 | Managing NSTEMI in older patients. Lancet, The, 2021, 397, 370. | 6.3 | 0 |
| 226 | Management of Chronic Stable Angina: Modern Microbiomedical Research Provides Insights Into Traditional Chinese Medicine Treatments. Journal of Cardiovascular Pharmacology, 2021, 77, 421-423. | 0.8 | 0 |
| 227 | Ischemia-Reperfusion Injury: Can We Stop the Curing-Hurting Paradox?. Journal of Cardiovascular Pharmacology, 2021, 77, 427-429. | 0.8 | 0 |
| 228 | Reply to work from home culture and acute cardiovascular events: A bidirectional conundrum yet to be resolved!. International Journal of Cardiology, 2021, 333, 214. | 0.8 | 0 |
| 229 | Focusing on kidneys and platelets in acute coronary syndromes: pre hoc and post hoc risk profiling. Journal of Cardiovascular Medicine, 2020, 21, 667-668. | 0.6 | 0 |
| 230 | Clinical Conundrum: Three Management Strategies for Three-Vessel Coronary Artery Disease?. Journal of Cardiovascular Pharmacology, 2020, 76, 489-491. | 0.8 | 0 |
| 231 | OUP accepted manuscript. European Journal of Cardio-thoracic Surgery, 2021, , . | 0.6 | 0 |
| 232 | Unequal opportunities in Italian cardiovascular research: focus on gender. Panminerva Medica, 2022, , . | 0.2 | 0 |
| 233 | The dynamic facets of the cardiac stroma: from classical markers to omics and translational perspectives.. American Journal of Translational Research (discontinued), 2022, 14, 1172-1187. | 0.0 | 0 |