# Carlo Gabriele Tocchetti

List of Publications by Year
in descending order



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|---|---|---|---|
| 187 papers | 17,127 citations | 25034 57 h-index | 17592 121 g-index |
| 204 all docs | 204 docs citations | 204 times ranked | 15826 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | 2021 ESC Guidelines for the diagnosis and treatment of acute and chronic heart failure. European Heart Journal, 2021, 42, 3599-3726. | 2.2 | 5,558 |
| 2 | Doxorubicin-induced cardiomyopathy: From molecular mechanisms to therapeutic strategies. Journal of Molecular and Cellular Cardiology, 2012, 52, 1213-1225. | 1.9 | 1,053 |
| 3 | 2021 ESC Guidelines for the diagnosis and treatment of acute and chronic heart failure. European Journal of Heart Failure, 2022, 24, 4-131. | 7.1 | 820 |
| 4 | Baseline cardiovascular risk assessment in cancer patients scheduled to receive cardiotoxic cancer therapies: a position statement and new risk assessment tools from the <scp>C</scp>ardioâ€<scp>O</scp>ncology <scp>S</scp>tudy <scp>G</scp>roup of the <scp>H</scp>eart <scp>F</scp>ailure <scp>A</scp>ssociation of the <scp>E</scp>uropean <scp>S</scp>ociety of <scp>C</scp>ardiology in collaboration with the <scp>I</scp>nternational <scp>C</scp>ardioâ€<scp>O</scp>ncology <scp>S</scp>ociety. European Journal of Heart Failure, 2020, | 7.1 | 364 |
| 5 | Cardiovascular toxicities associated with immune checkpoint inhibitors. Cardiovascular Research, 2019, 115, 854-868. | 3.8 | 311 |
| 6 | Compartmentalized Phosphodiesterase-2 Activity Blunts Î²-Adrenergic Cardiac Inotropy via an NO/cGMP-Dependent Pathway. Circulation Research, 2006, 98, 226-234. | 4.5 | 252 |
| 7 | Role of cardiovascular imaging in cancer patients receiving cardiotoxic therapies: a position statement on behalf of the <scp>H</scp>eart <scp>F</scp>ailure <scp>A</scp>ssociation (<scp>HFA</scp>), the <scp>E</scp>uropean <scp>A</scp>ssociation of <scp>C</scp>ardiovascular <scp>I</scp>maging (<scp>EACVI</scp>) and the <scp>Cardioâ€Oncology C</scp>ouncil of the <scp>E</scp>uropean <scp>S</scp>ociety of <scp>C</scp>ardiology (<scp>ESC</scp>). European Journal of Heart Failure, 2020, 22, 1504-1524. | 7.1 | 234 |
| 8 | Reversal of Cardiac Hypertrophy and Fibrosis From Pressure Overload by Tetrahydrobiopterin. Circulation, 2008, 117, 2626-2636. | 1.6 | 223 |
| 9 | The pharmacology of nitroxyl (HNO) and its therapeutic potential: Not just the janus face of NO11This review is dedicated to the career of Prof. Herbert T. Nagasawa, a pioneer in the field of HNO chemistry, biochemistry and pharmacology.. , 2007, 113, 442-458. | | 222 |
| 10 | Cardiovascular magnetic resonance in immune checkpoint inhibitor-associated myocarditis. European Heart Journal, 2020, 41, 1733-1743. | 2.2 | 212 |
| 11 | Nitroxyl Improves Cellular Heart Function by Directly Enhancing Cardiac Sarcoplasmic Reticulum Ca 2+ Cycling. Circulation Research, 2007, 100, 96-104. | 4.5 | 209 |
| 12 | The continuous heart failure spectrum: moving beyond an ejection fraction classification. European Heart Journal, 2019, 40, 2155-2163. | 2.2 | 195 |
| 13 | Cardiotoxicity of immune checkpoint inhibitors. ESMO Open, 2017, 2, e000247. | 4.5 | 186 |
| 14 | Myocardial Collagen Turnover in Hypertrophic Cardiomyopathy. Circulation, 2003, 108, 1455-1460. | 1.6 | 185 |
| 15 | Role of serum biomarkers in cancer patients receiving cardiotoxic cancer therapies: a position statement from the <scp>Cardioâ€Oncology Study Group</scp> of the <scp>Heart Failure Association</scp> and the <scp>Cardioâ€Oncology Council of the European Society of Cardiology</scp>. European Journal of Heart Failure, 2020, 22, 1966-1983. | 7.1 | 184 |
| 16 | Towards better definition, quantification and treatment of fibrosis in heart failure. A scientific roadmap by the Committee of Translational Research of the Heart Failure Association (HFA) of the European Society of Cardiology. European Journal of Heart Failure, 2019, 21, 272-285. | 7.1 | 182 |
| 17 | Global Longitudinal Strain and Cardiac Events in Patients With Immune Checkpoint Inhibitor-Related Myocarditis. Journal of the American College of Cardiology, 2020, 75, 467-478. | 2.8 | 179 |
| 18 | PED/PEA-15 gene controls glucose transport and is overexpressed in type 2 diabetes mellitus. EMBO Journal, 1998, 17, 3858-3866. | 7.8 | 157 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Compartmentalization of Cardiac Î²-Adrenergic Inotropy Modulation by Phosphodiesterase Type 5. Circulation, 2007, 115, 2159-2167. | 1.6 | 151 |
| 20 | Biomarkers in sarcopenia: A multifactorial approach. Experimental Gerontology, 2016, 85, 1-8. | 2.8 | 145 |
| 21 | Phosphoinositide 3-Kinase Gamma Inhibition Protects From Anthracycline Cardiotoxicity and Reduces Tumor Growth. Circulation, 2018, 138, 696-711. | 1.6 | 145 |
| 22 | Major Adverse Cardiovascular Events and the Timing and Dose of Corticosteroids in Immune Checkpoint Inhibitorâ€“Associated Myocarditis. Circulation, 2020, 141, 2031-2034. | 1.6 | 142 |
| 23 | Cancer diagnosis in patients with heart failure: epidemiology, clinical implications and gaps in knowledge. European Journal of Heart Failure, 2018, 20, 879-887. | 7.1 | 138 |
| 24 | Treatments targeting inotropy. European Heart Journal, 2019, 40, 3626-3644. | 2.2 | 123 |
| 25 | Comparison of the NO and HNO Donating Properties of Diazeniumdiolates:â€‰ Primary Amine Adducts Release HNO in Vivo. Journal of Medicinal Chemistry, 2005, 48, 8220-8228. | 6.4 | 118 |
| 26 | The innate immune system in chronic cardiomyopathy: a European Society of Cardiology (ESC) scientific statement from the Working Group on Myocardial Function of the ESC. European Journal of Heart Failure, 2018, 20, 445-459. | 7.1 | 118 |
| 27 | Antineoplastic Drug-Induced Cardiotoxicity: A Redox Perspective. Frontiers in Physiology, 2018, 9, 167. | 2.8 | 118 |
| 28 | The autonomic nervous system as a therapeutic target in heart failure: a scientific position statement from the Translational Research Committee of the Heart Failure Association of the European Society of Cardiology. European Journal of Heart Failure, 2017, 19, 1361-1378. | 7.1 | 115 |
| 29 | Determinants of atrial fibrillation development in patients with hypertrophic cardiomyopathy. American Journal of Cardiology, 2004, 94, 895-900. | 1.6 | 114 |
| 30 | Nitroxyl (HNO). Circulation: Heart Failure, 2013, 6, 1250-1258. | 3.9 | 109 |
| 31 | Mechanism of Aerobic Decomposition of Angeli's Salt (Sodium Trioxodinitrate) at Physiological pH. Journal of the American Chemical Society, 2005, 127, 722-731. | 13.7 | 105 |
| 32 | Playing with Cardiac â€œRedox Switchesâ€• The â€œHNO Wayâ€•to Modulate Cardiac Function. Antioxidants and Redox Signaling, 2011, 14, 1687-1698. | 5.4 | 101 |
| 33 | Discriminating formation of HNO from other reactive nitrogen oxide species. Free Radical Biology and Medicine, 2006, 40, 1056-1066. | 2.9 | 99 |
| 34 | Immune Checkpoint Inhibitors and Cardiac Toxicity: An Emerging Issue. Current Medicinal Chemistry, 2018, 25, 1327-1339. | 2.4 | 99 |
| 35 | Constitutive BDNF/TrkB signaling is required for normal cardiac contraction and relaxation. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 1880-1885. | 7.1 | 96 |
| 36 | From Molecular Mechanisms to Clinical Management of Antineoplastic Drug-Induced Cardiovascular Toxicity: A Translational Overview. Antioxidants and Redox Signaling, 2019, 30, 2110-2153. | 5.4 | 96 |

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|---|---|---|---|
| 37 | PDE5A suppression of acute Î²-adrenergic activation requires modulation of myocyte beta-3 signaling coupled to PKG-mediated troponin I phosphorylation. Basic Research in Cardiology, 2010, 105, 337-347. | 5.9 | 92 |
| 38 | Common mechanistic pathways in cancer and heart failure. A scientific roadmap on behalf of the <scp>Translational Research Committee</scp> of the <scp>Heart Failure Association</scp> (<scp>HFA</scp>) of the <scp>European Society of Cardiology</scp> (<scp>ESC</scp>). European Journal of Heart Failure, 2020, 22, 2272-2289. | 7.1 | 92 |
| 39 | Phospholamban Thiols Play a Central Role in Activation of the Cardiac Muscle Sarcoplasmic Reticulum Calcium Pump by Nitroxyl. Biochemistry, 2008, 47, 13150-13152. | 2.5 | 91 |
| 40 | Complex roads from genotype to phenotype in dilated cardiomyopathy: scientific update from the Working Group of Myocardial Function of the European Society of Cardiology. Cardiovascular Research, 2018, 114, 1287-1303. | 3.8 | 91 |
| 41 | Targeting myocardial remodelling to develop novel therapies for heart failure. European Journal of Heart Failure, 2014, 16, 494-508. | 7.1 | 90 |
| 42 | Nitroxyl increases force development in rat cardiac muscle. Journal of Physiology, 2007, 580, 951-960. | 2.9 | 89 |
| 43 | Oxidative and nitrosative stress in the maintenance of myocardial function. Free Radical Biology and Medicine, 2012, 53, 1531-1540. | 2.9 | 85 |
| 44 | Cardiac Toxicity of Immune Checkpoint Inhibitors. Circulation, 2017, 136, 1989-1992. | 1.6 | 83 |
| 45 | An integrative translational approach to study heart failure with preserved ejection fraction: a position paper from the Working Group on Myocardial Function of the European Society of Cardiology. European Journal of Heart Failure, 2018, 20, 216-227. | 7.1 | 81 |
| 46 | The novel butyrate derivative phenylalanineâ€butyramide protects from doxorubicinâ€induced cardiotoxicity. European Journal of Heart Failure, 2019, 21, 519-528. | 7.1 | 80 |
| 47 | GSH or Palmitate Preserves Mitochondrial Energetic/Redox Balance, Preventing Mechanical Dysfunction in Metabolically Challenged Myocytes/Hearts From Type 2 Diabetic Mice. Diabetes, 2012, 61, 3094-3105. | 0.6 | 77 |
| 48 | Detection, monitoring, and management of trastuzumabâ€induced left ventricular dysfunction: an actual challenge. European Journal of Heart Failure, 2012, 14, 130-137. | 7.1 | 77 |
| 49 | Ranolazine protects from doxorubicinâ€induced oxidative stress and cardiac dysfunction. European Journal of Heart Failure, 2014, 16, 358-366. | 7.1 | 76 |
| 50 | Prognostic Significance of Left Atrial Volume Dilatation in Patients with Hypertrophic Cardiomyopathy. Journal of the American Society of Echocardiography, 2009, 22, 76-81. | 2.8 | 75 |
| 51 | HNO Enhances SERCA2a Activity and Cardiomyocyte Function by Promoting Redox-Dependent Phospholamban Oligomerization. Antioxidants and Redox Signaling, 2013, 19, 1185-1197. | 5.4 | 74 |
| 52 | Towards standardization of echocardiography for the evaluation of left ventricular function in adult rodents: a position paper of the ESC Working Group on Myocardial Function. Cardiovascular Research, 2021, 117, 43-59. | 3.8 | 72 |
| 53 | Sexâ€related differences in COVIDâ€19 lethality. British Journal of Pharmacology, 2020, 177, 4375-4385. | 5.4 | 69 |
| 54 | Anticancer therapy-induced vascular toxicity: VEGF inhibition and beyond. International Journal of Cardiology, 2017, 227, 11-17. | 1.7 | 64 |

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| 55 | Metabolic changes in hypertrophic cardiomyopathies: scientific update from the Working Group of Myocardial Function of the European Society of Cardiology. Cardiovascular Research, 2018, 114, 1273-1280. | 3.8 | 64 |
| 56 | Testosterone Antagonizes Doxorubicinâ€Induced Senescence of Cardiomyocytes. Journal of the American Heart Association, 2016, 5, . | 3.7 | 62 |
| 57 | The emerging issue of cardiac dysfunction induced by antineoplastic angiogenesis inhibitors. European Journal of Heart Failure, 2013, 15, 482-489. | 7.1 | 61 |
| 58 | Models of Heart Failure Based on the Cardiotoxicity of Anticancer Drugs. Journal of Cardiac Failure, 2016, 22, 449-458. | 1.7 | 60 |
| 59 | Protective Mechanisms of Mitochondria and Heart Function in Diabetes. Antioxidants and Redox Signaling, 2015, 22, 1563-1586. | 5.4 | 59 |
| 60 | Influenza vaccination and myocarditis among patients receiving immune checkpoint inhibitors. , 2019, 7, 53. | | 59 |
| 61 | Determinants and clinical significance of natriuretic peptides and hypertrophic cardiomyopathy. European Heart Journal, 2001, 22, 1328-1336. | 2.2 | 58 |
| 62 | Calcitonin Gene-Related Peptide In Vivo Positive Inotropy Is Attributable to Regional Sympatho-Stimulation and Is Blunted in Congestive Heart Failure. Circulation Research, 2005, 96, 234-243. | 4.5 | 58 |
| 63 | Peroxynitrite and myocardial contractility: In vivo versus in vitro effects. Free Radical Biology and Medicine, 2006, 41, 1606-1618. | 2.9 | 53 |
| 64 | Cardiac dysfunction in cancer patients: beyond direct cardiomyocyte damage of anticancer drugs: novel cardio-oncology insights from the joint 2019 meeting of the ESC Working Groups of Myocardial Function and Cellular Biology of the Heart. Cardiovascular Research, 2020, 116, 1820-1834. | 3.8 | 51 |
| 65 | Cardiac Toxicity in Patients Treated With Immune Checkpoint Inhibitors. Journal of the American College of Cardiology, 2018, 71, 1765-1767. | 2.8 | 49 |
| 66 | Metabolic Aspects of Anthracycline Cardiotoxicity. Current Treatment Options in Oncology, 2021, 22, 18. | 3.0 | 48 |
| 67 | A recommended practical approach to the management of anthracycline-based chemotherapy cardiotoxicity. Journal of Cardiovascular Medicine, 2016, 17, e84-e92. | 1.5 | 47 |
| 68 | Endogenous Cardioprotective Agents: Role in Pre and Postconditioning. Current Drug Targets, 2015, 16, 843-867. | 2.1 | 47 |
| 69 | Bidirectional cross-regulation between ErbB2 and Î²-adrenergic signalling pathways. Cardiovascular Research, 2016, 109, 358-373. | 3.8 | 44 |
| 70 | Comparison of preclinical cardiotoxic effects of different ErbB2 inhibitors. Breast Cancer Research and Treatment, 2012, 133, 511-521. | 2.5 | 43 |
| 71 | Pulmonary arterial hypertension and atrial arrhythmias: incidence, risk factors, and clinical impact. Pulmonary Circulation, 2018, 8, 1-8. | 1.7 | 43 |
| 72 | Restoring redox balance enhances contractility in heart trabeculae from type 2 diabetic rats exposed to high glucose. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 308, H291-H302. | 3.2 | 42 |

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|---|---|---|---|
| 73 | The Chemical Dynamics of NO and Reactive Nitrogen Oxides: A Practical Guide. Current Molecular Medicine, 2004, 4, 723-740. | 1.3 | 41 |
| 74 | Improving the preclinical models for the study of chemotherapy-induced cardiotoxicity: a Position Paper of the Italian Working Group on Drug Cardiotoxicity and Cardioprotection. Heart Failure Reviews, 2015, 20, 621-631. | 3.9 | 40 |
| 75 | Current views on anthracycline cardiotoxicity. Heart Failure Reviews, 2016, 21, 621-634. | 3.9 | 39 |
| 76 | Sex differences in anthracycline-induced cardiotoxicity: the benefits of estrogens. Heart Failure Reviews, 2019, 24, 915-925. | 3.9 | 39 |
| 77 | Heart Failure and Cancer: Mechanisms of Old and New Cardiotoxic Drugs in Cancer Patients. Cardiac Failure Review, 2019, 5, 112-118. | 3.0 | 39 |
| 78 | Non-coding RNAs: update on mechanisms and therapeutic targets from the ESC Working Groups of Myocardial Function and Cellular Biology of the Heart. Cardiovascular Research, 2020, 116, 1805-1819. | 3.8 | 39 |
| 79 | Cardiovascular Toxicity of Immune Checkpoint Inhibitors: Clinical Risk Factors. Current Oncology Reports, 2021, 23, 13. | 4.0 | 38 |
| 80 | Impaired mitochondrial energy supply coupled to increased H2O2 emission under energy/redox stress leads to myocardial dysfunction during TypeÂI diabetes. Clinical Science, 2015, 129, 561-574. | 4.3 | 37 |
| 81 | A recommended practical approach to the management of target therapy and angiogenesis inhibitors cardiotoxicity. Journal of Cardiovascular Medicine, 2016, 17, e93-e104. | 1.5 | 37 |
| 82 | Abnormal glucose transport and GLUT1 cell-surface content in fibroblasts and skeletal muscle from NIDDM and obese subjects. Diabetologia, 1997, 40, 421-429. | 6.3 | 36 |
| 83 | Nitroxyl (HNO) for Treatment of Acute Heart Failure. Current Heart Failure Reports, 2014, 11, 227-235. | 3.3 | 36 |
| 84 | Ranolazine Attenuates Trastuzumab-Induced Heart Dysfunction by Modulating ROS Production. Frontiers in Physiology, 2018, 9, 38. | 2.8 | 36 |
| 85 | Electrocardiographic features of immune checkpoint inhibitor associated myocarditis. , 2021, 9, e002007. | | 36 |
| 86 | Nitroxyl enhances myocyte Ca2 transients by exclusively targeting SR Ca2 -cycling. Frontiers in Bioscience - Elite, 2010, E2, 614-626. | 1.8 | 36 |
| 87 | Recent Advances on Pathophysiology, Diagnostic and Therapeutic Insights in Cardiac Dysfunction Induced by Antineoplastic Drugs. BioMed Research International, 2015, 2015, 1-14. | 1.9 | 34 |
| 88 | Cardioprotection by gene therapy. International Journal of Cardiology, 2015, 191, 203-210. | 1.7 | 34 |
| 89 | Recent advances in cardioâ€oncology: a report from the â€˜Heart Failure Association 2019 and World Congress on Acute Heart Failure 2019â€™. ESC Heart Failure, 2019, 6, 1140-1148. | 3.1 | 34 |
| 90 | Metabolic remodelling of glucose, fatty acid and redox pathways in the heart of type 2 diabetic mice. Journal of Physiology, 2020, 598, 1393-1415. | 2.9 | 34 |

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| 91 | Cardiomyocyte ageing and cardioprotection: consensus document from the ESC working groups cell biology of the heart and myocardial function. Cardiovascular Research, 2020, 116, 1835-1849. | 3.8 | 34 |
| 92 | Pathophysiology of Takotsubo syndromeÂâ€“ a joint scientific statement from the Heart Failure Association Takotsubo Syndrome Study Group and Myocardial Function Working Group of the European Society of CardiologyÂâ€“ÂPart 2: vascular pathophysiology, gender and sex hormones, genetics, chronic cardiovascular problems and clinical implications. European Journal of Heart Failure, 2022, 24, 274-286. | 7.1 | 34 |
| 93 | Allele-specific differences in transcriptome, miRNome, and mitochondrial function in two hypertrophic cardiomyopathy mouse models. JCI Insight, 2018, 3, . | 5.0 | 33 |
| 94 | <scp>COVID</scp>â€19 vaccination in patients with heart failure: a position paper of the Heart Failure Association of the European Society of Cardiology. European Journal of Heart Failure, 2021, 23, 1806-1818. | 7.1 | 32 |
| 95 | Pathophysiology of anthracycline cardiotoxicity. Journal of Cardiovascular Medicine, 2016, 17, e3-e11. | 1.5 | 31 |
| 96 | Metalloproteinase Inhibitor Counters High-Energy Phosphate Depletion and AMP Deaminase Activity Enhancing Ventricular Diastolic Compliance in Subacute Heart Failure. Journal of Pharmacology and Experimental Therapeutics, 2006, 317, 506-513. | 2.5 | 30 |
| 97 | Animal models and animal-free innovations for cardiovascular research: current status and routes to be explored. Consensus document of the ESC Working Group on Myocardial Function and the ESC Working Group on Cellular Biology of the Heart. Cardiovascular Research, 2022, 118, 3016-3051. | 3.8 | 30 |
| 98 | Comorbidities in chronic heart failure: An update from Italian Society of Cardiology (SIC) Working Group on Heart Failure. European Journal of Internal Medicine, 2020, 71, 23-31. | 2.2 | 29 |
| 99 | Cardiac remodellingÂâ€“ÂPart 1: From cells and tissues to circulating biomarkers. A review from the Study Group on Biomarkers of the Heart Failure Association of the European Society of Cardiology. European Journal of Heart Failure, 2022, 24, 927-943. | 7.1 | 29 |
| 100 | Bmi1 inhibitor PTC-209 promotes Chemically-induced Direct Cardiac Reprogramming of cardiac fibroblasts into cardiomyocytes. Scientific Reports, 2020, 10, 7129. | 3.3 | 28 |
| 101 | The Activation of Metabolites of Nitric Oxide Synthase by Metals Is Both Redox and Oxygen Dependent: A New Feature of Nitrogen Oxide Signaling. Antioxidants and Redox Signaling, 2006, 8, 1363-1371. | 5.4 | 27 |
| 102 | Autophagy and cancer therapy cardiotoxicity: From molecular mechanisms to therapeutic opportunities. Biochimica Et Biophysica Acta - Molecular Cell Research, 2020, 1867, 118493. | 4.1 | 27 |
| 103 | Reciprocal organ interactions during heart failure: a position paper from the ESC Working Group on Myocardial Function. Cardiovascular Research, 2021, 117, 2416-2433. | 3.8 | 27 |
| 104 | Holistic Approach to Immune Checkpoint Inhibitor-Related Adverse Events. Frontiers in Immunology, 2022, 13, 804597. | 4.8 | 27 |
| 105 | Inflammatory, Serological and Vascular Determinants of Cardiovascular Disease in Systemic Lupus Erythematosus Patients. International Journal of Molecular Sciences, 2019, 20, 2154. | 4.1 | 26 |
| 106 | Nitroxyl (HNO) targets phospholamban cysteines 41 and 46 to enhance cardiac function. Journal of General Physiology, 2019, 151, 758-770. | 1.9 | 26 |
| 107 | Understanding the heart-brain axis response in COVID-19 patients: A suggestive perspective for therapeutic development. Pharmacological Research, 2021, 168, 105581. | 7.1 | 26 |
| 108 | CCR5 Inhibition Prevents Cardiac Dysfunction in the SIV/Macaque Model of HIV. Journal of the American Heart Association, 2014, 3, e000874. | 3.7 | 25 |

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|---|---|---|---|
| 109 | Nitroso-Redox Balance and Modulation of Basal Myocardial Function: An Update from the Italian Society of Cardiovascular Research (SIRC). Current Drug Targets, 2015, 16, 895-903. | 2.1 | 25 |
| 110 | Preventing antiblastic drug-related cardiomyopathy. Journal of Cardiovascular Medicine, 2016, 17, e64-e75. | 1.5 | 23 |
| 111 | Modernâ€day cardioâ€oncology: a report from the â€˜Heart Failure and World Congress on Acute Heart Failure 2018â€™. ESC Heart Failure, 2018, 5, 1083-1091. | 3.1 | 23 |
| 112 | Redox Imbalances in Ageing and Metabolic Alterations: Implications in Cancer and Cardiac Diseases. An Overview from the Working Group of Cardiotoxicity and Cardioprotection of the Italian Society of Cardiology (SIC). Antioxidants, 2020, 9, 641. | 5.1 | 23 |
| 113 | Nanotechnology-Based Cardiac Targeting and Direct Cardiac Reprogramming: The Betrothed. Stem Cells International, 2017, 2017, 1-12. | 2.5 | 22 |
| 114 | Stimulating pro-reparative immune responses to prevent adverse cardiac remodelling: consensus document from the joint 2019 meeting of the ESC Working Groups of cellular biology of the heart and myocardial function. Cardiovascular Research, 2020, 116, 1850-1862. | 3.8 | 22 |
| 115 | Targeted therapies in genetic dilated and hypertrophic cardiomyopathies: from molecular mechanisms to therapeutic targets. A position paper from the Heart Failure Association (HFA) and the Working Group on Myocardial Function of the European Society of Cardiology (ESC). European Journal of Heart Failure, 2022, 24, 406-420. | 7.1 | 22 |
| 116 | Cardiac remodellingÂâ€“ÂPart 2: Clinical, imaging and laboratory findings. A review from the Study Group on Biomarkers of the Heart Failure Association of the European Society of Cardiology. European Journal of Heart Failure, 2022, 24, 944-958. | 7.1 | 22 |
| 117 | What Is the Cardiac Impact of Chemotherapy and Subsequent Radiotherapy in Lymphoma Patients?. Antioxidants and Redox Signaling, 2019, 31, 1166-1174. | 5.4 | 21 |
| 118 | Glutathione oxidation unmasks proarrhythmic vulnerability of chronically hyperglycemic guinea pigs. American Journal of Physiology - Heart and Circulatory Physiology, 2013, 304, H916-H926. | 3.2 | 20 |
| 119 | Cardiovascular imaging in the diagnosis and monitoring of cardiotoxicity. Journal of Cardiovascular Medicine, 2016, 17, e35-e44. | 1.5 | 20 |
| 120 | Pulmonary Hypertension Phenotypes in Systemic Sclerosis: The Right Diagnosis for the Right Treatment. International Journal of Molecular Sciences, 2020, 21, 4430. | 4.1 | 20 |
| 121 | Targeting fibrosis in the failing heart with nanoparticles. Advanced Drug Delivery Reviews, 2021, 174, 461-481. | 13.7 | 20 |
| 122 | Role of biomarkers in monitoring antiblastic cardiotoxicity. Journal of Cardiovascular Medicine, 2016, 17, e27-e34. | 1.5 | 18 |
| 123 | Comparison of hemodynamic adaptation to orthostatic stress in patients with hypertrophic cardiomyopathy with or without syncope and in vasovagal syncope. American Journal of Cardiology, 2002, 89, 1405-1410. | 1.6 | 17 |
| 124 | Pharmacovigilating cardiotoxicity of immune checkpoint inhibitors. Lancet Oncology, The, 2018, 19, 1545-1546. | 10.7 | 16 |
| 125 | Physical vs. multidimensional frailty in older adults with and without heart failure. ESC Heart Failure, 2020, 7, 1371-1380. | 3.1 | 16 |
| 126 | Anthracyclines and regional myocardial damage in breast cancer patients. A multicentre study from the Working Group on Drug Cardiotoxicity and Cardioprotection, Italian Society of Cardiology (SIC). European Heart Journal Cardiovascular Imaging, 2021, 22, 406-415. | 1.2 | 16 |

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| 127 | Early diagnosis, clinical management, and follow-up of cardiovascular events with ponatinib. Heart Failure Reviews, 2020, 25, 447-456. | 3.9 | 15 |
| 128 | Cardiac sympathetic dysfunction in pulmonary arterial hypertension: lesson from leftâ€sided heart failure. Pulmonary Circulation, 2019, 9, 1-10. | 1.7 | 13 |
| 129 | Benefit from sacubitril/valsartan is associated with hemodynamic improvement in heart failure with reduced ejection fraction: An echocardiographic study. International Journal of Cardiology, 2022, 350, 62-68. | 1.7 | 13 |
| 130 | Cancer Risk in the Heart Failure Population: Epidemiology, Mechanisms, and Clinical Implications. Current Oncology Reports, 2021, 23, 7. | 4.0 | 12 |
| 131 | Current gaps in HFpEF trials: Time to reconsider patients' selection and to target phenotypes. Progress in Cardiovascular Diseases, 2021, 67, 89-97. | 3.1 | 12 |
| 132 | Echocardiographically defined haemodynamic categorization predicts prognosis in ambulatory heart failure patients treated with sacubitril/valsartan. ESC Heart Failure, 2022, 9, 1107-1117. | 3.1 | 12 |
| 133 | Dobutamine Stress Echocardiography in Hypertrophic Cardiomyopathy. Cardiology, 2003, 100, 93-100. | 1.4 | 11 |
| 134 | Comparison of the Chemical Biology of NO and HNO: An Inorganic Perspective. Progress in Inorganic Chemistry, 2005, , 349-384. | 3.0 | 11 |
| 135 | <scp>ESC</scp> Working Group on Myocardial Function Position Paper: how to study the right ventricle in experimental models. European Journal of Heart Failure, 2014, 16, 509-518. | 7.1 | 11 |
| 136 | Baseline cardio-oncologic risk assessment in breast cancer women and occurrence of cardiovascular events: The HFA/ICOS risk tool in real-world practice. International Journal of Cardiology, 2022, 349, 134-137. | 1.7 | 11 |
| 137 | Novel Perspectives in Redox Biology and Pathophysiology of Failing Myocytes: Modulation of the Intramyocardial Redox Milieu for Therapeutic Interventionsâ€"A Review Article from the Working Group of Cardiac Cell Biology, Italian Society of Cardiology. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-13. | 4.0 | 10 |
| 138 | Right heart dysfunction. Journal of Cardiovascular Medicine, 2018, 19, 613-623. | 1.5 | 10 |
| 139 | Timeâ€weighted lactate as a predictor of adverse outcome in acute heart failure. ESC Heart Failure, 2021, 8, 539-545. | 3.1 | 10 |
| 140 | Predictors of sacubitril/valsartan high dose tolerability in a real world population with HFrEF. ESC Heart Failure, 2022, 9, 2909-2917. | 3.1 | 10 |
| 141 | Hemodynamic effects of isometric exercise in hypertrophic cardiomyopathy: Comparison with normal subjects. Journal of Nuclear Cardiology, 2003, 10, 154-160. | 2.1 | 9 |
| 142 | Impact of a cardioâ€oncology unit on prevention of cardiovascular events in cancer patients. ESC Heart Failure, 2022, 9, 1666-1676. | 3.1 | 9 |
| 143 | Permanent atrial fibrillation and pulmonary embolism in elderly patients without deep vein thrombosis: is there a relationship?. Aging Clinical and Experimental Research, 2019, 31, 1121-1128. | 2.9 | 8 |
| 144 | Cardiovascular safety of the tyrosine kinase inhibitor nintedanib. British Journal of Clinical Pharmacology, 2021, 87, 3690-3698. | 2.4 | 8 |

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| 145 | How can we manage the cardiac toxicity of immune checkpoint inhibitors?. Expert Opinion on Drug Safety, 2021, 20, 1-10. | 2.4 | 8 |
| 146 | Janus, or the Inevitable Battle Between Too Much and Too Little Oxygen. Antioxidants and Redox Signaling, 2022, 37, 972-989. | 5.4 | 7 |
| 147 | Novel actors on the stage of cardiac dysfunction induced by anti-PD1 oncological treatments. European Heart Journal, 2022, 43, 330-332. | 2.2 | 6 |
| 148 | Education and certification on heart failure of the <scp>H</scp>eart <scp>F</scp>ailure <scp>A</scp>ssociation of the <scp>E</scp>uropean <scp>S</scp>ociety of <scp>C</scp>ardiology. European Journal of Heart Failure, 2022, 24, 249-253. | 7.1 | 6 |
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