

# Carolina Balbi

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

1,175  
citations

516561

16  
h-index

552653

26  
g-index

30  
all docs

30  
docs citations

30  
times ranked

2048  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Editorial: Transverse aortic constriction-induced heart failure leads to increased levels of circulating microparticles. <i>International Journal of Cardiology</i> , 2022, 348, 109-110.  | 0.8 | 1         |
| 2  | Microvesicles released from activated CD4 <sup>+</sup> T cells alter microvascular endothelial cell function. <i>European Journal of Clinical Investigation</i> , 2022, , e13769.  | 1.7 | 3         |
| 3  | Risk stratification of patients with SARS-CoV-2 by tissue factor expression in circulating extracellular vesicles. <i>Vascular Pharmacology</i> , 2022, 145, 106999.   | 1.0 | 11        |
| 4  | De novo DNA methylation induced by circulating extracellular vesicles from acute coronary syndrome patients. <i>Atherosclerosis</i> , 2022, 354, 41-52.  | 0.4 | 10        |
| 5  | An exosomal-carried short periostin isoform induces cardiomyocyte proliferation. <i>Theranostics</i> , 2021, 11, 5634-5649.  | 4.6 | 19        |
| 6  | Dissecting the effects of preconditioning with inflammatory cytokines and hypoxia on the angiogenic potential of mesenchymal stromal cell (MSC)-derived soluble proteins and extracellular vesicles (EVs). <i>Biomaterials</i> , 2021, 269, 120633.                            | 5.7 | 59        |
| 7  | Comprehensive Profiling of Secretome Formulations from Fetal- and Perinatal Human Amniotic Fluid Stem Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3713.  | 1.8 | 14        |
| 8  | Extracellular Vesicles as Promising Carriers in Drug Delivery: Considerations from a Cell Biologist's Perspective. <i>Biology</i> , 2021, 10, 376.   | 1.3 | 19        |
| 9  | Circulating extracellular vesicles are endowed with enhanced procoagulant activity in SARS-CoV-2 infection. <i>EBioMedicine</i> , 2021, 67, 103369.  | 2.7 | 61        |
| 10 | The human amniotic fluid stem cell secretome triggers intracellular Ca <sup>2+</sup> oscillations, NF- $\kappa$ B nuclear translocation and tube formation in human endothelial colony-forming cells. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 8074-8086. | 1.6 | 18        |
| 11 | Intravenous administration of cardiac progenitor cell-derived exosomes protects against doxorubicin/trastuzumab-induced cardiac toxicity. <i>Cardiovascular Research</i> , 2020, 116, 383-392.   | 1.8 | 91        |
| 12 | Role of somatic cell sources in the maturation degree of human induced pluripotent stem cell-derived cardiomyocytes. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2020, 1867, 118538.  | 1.9 | 29        |
| 13 | An extracellular vesicle epitope profile is associated with acute myocardial infarction. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 9945-9957.  | 1.6 | 27        |
| 14 | Exosomes: Beyond stem cells for cardiac protection and repair. <i>Stem Cells</i> , 2020, 38, 1387-1399.  | 1.4 | 40        |
| 15 | Extracellular Vesicles: From Biomarkers to Therapeutic Tools. <i>Biology</i> , 2020, 9, 258.   | 1.3 | 36        |
| 16 | Message in a Bottle: Upgrading Cardiac Repair into Rejuvenation. <i>Cells</i> , 2020, 9, 724.  | 1.8 | 18        |
| 17 | Supporting data on in vitro cardioprotective and proliferative paracrine effects by the human amniotic fluid stem cell secretome. <i>Data in Brief</i> , 2019, 25, 104324.   | 0.5 | 14        |
| 18 | Flow Cytometric Analysis of Extracellular Vesicles from Cell-conditioned Media. <i>Journal of Visualized Experiments</i> , 2019, , .   | 0.2 | 10        |

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|----|--|-----|-----------|
| 19 | Reactivating endogenous mechanisms of cardiac regeneration via paracrine boosting using the human amniotic fluid stem cell secretome. <i>International Journal of Cardiology</i> , 2019, 287, 87-95.   | 0.8 | 57        |
| 20 | Triggering Endogenous Cardiac Repair and Regeneration via Extracellular Vesicle-Mediated Communication. <i>Frontiers in Physiology</i> , 2018, 9, 1497.  | 1.3 | 33        |
| 21 | The Amniotic Fluid Stem Cell Secretome. , 2018, , 21-37.   |     | 0         |
| 22 | Cardiac Restoration Stemming From the Placenta Tree: Insights From Fetal and Perinatal Cell Biology. <i>Frontiers in Physiology</i> , 2018, 9, 385.  | 1.3 | 15        |
| 23 | Mesenchymal Stem Cell-Derived Extracellular Vesicles as Mediators of Anti-Inflammatory Effects: Endorsement of Macrophage Polarization. <i>Stem Cells Translational Medicine</i> , 2017, 6, 1018-1028.   | 1.6 | 399       |
| 24 | First Characterization of Human Amniotic Fluid Stem Cell Extracellular Vesicles as a Powerful Paracrine Tool Endowed with Regenerative Potential. <i>Stem Cells Translational Medicine</i> , 2017, 6, 1340-1355.                               | 1.6 | 104       |
| 25 | Fetal and perinatal stem cells in cardiac regeneration: Moving forward to the paracrine era. <i>Placenta</i> , 2017, 59, 96-106.   | 0.7 | 32        |
| 26 | The human amniotic fluid stem cell secretome effectively counteracts doxorubicin-induced cardiotoxicity. <i>Scientific Reports</i> , 2016, 6, 29994.   | 1.6 | 52        |
| 27 | The Murine PSE/TATA-Dependent Transcriptome: Evidence of Functional Homologies with Its Human Counterpart. <i>International Journal of Molecular Sciences</i> , 2012, 13, 14813-14827.   | 1.8 | 2         |
| 28 | Investigating the Paracrine Role of Perinatal Derivatives: Human Amniotic Fluid Stem Cell-Extracellular Vesicles Show Promising Transient Potential for Cardiomyocyte Renewal. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 10, . | 2.0 | 1         |