

# 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	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
2	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
3	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
4	Circulating extracellular vesicles are endowed with enhanced procoagulant activity in SARS-CoV-2 infection. <i>EBioMedicine</i> , 2021, 67, 103369.	2.7	61
5	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
6	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
7	The human amniotic fluid stem cell secretome effectively counteracts doxorubicin-induced cardiotoxicity. <i>Scientific Reports</i> , 2016, 6, 29994.	1.6	52
8	Exosomes: Beyond stem cells for cardiac protection and repair. <i>Stem Cells</i> , 2020, 38, 1387-1399.	1.4	40
9	Extracellular Vesicles: From Biomarkers to Therapeutic Tools. <i>Biology</i> , 2020, 9, 258.	1.3	36
10	Triggering Endogenous Cardiac Repair and Regeneration via Extracellular Vesicle-Mediated Communication. <i>Frontiers in Physiology</i> , 2018, 9, 1497.	1.3	33
11	Fetal and perinatal stem cells in cardiac regeneration: Moving forward to the paracrine era. <i>Placenta</i> , 2017, 59, 96-106.	0.7	32
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	An exosomal-carried short periostin isoform induces cardiomyocyte proliferation. <i>Theranostics</i> , 2021, 11, 5634-5649.	4.6	19
15	Extracellular Vesicles as Promising Carriers in Drug Delivery: Considerations from a Cell Biologist's Perspective. <i>Biology</i> , 2021, 10, 376.	1.3	19
16	Message in a Bottle: Upgrading Cardiac Repair into Rejuvenation. <i>Cells</i> , 2020, 9, 724.	1.8	18
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Supporting data on inÂvitro cardioprotective and proliferative paracrine effects by the human amniotic fluid stem cell secretome. <i>Data in Brief</i> , 2019, 25, 104324.	0.5	14
20	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
21	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
22	Flow Cytometric Analysis of Extracellular Vesicles from Cell-conditioned Media. <i>Journal of Visualized Experiments</i> , 2019, , .	0.2	10
23	De novo DNA methylation induced by circulating extracellular vesicles from acute coronary syndrome patients. <i>Atherosclerosis</i> , 2022, 354, 41-52.	0.4	10
24	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
25	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
26	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
27	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
28	The Amniotic Fluid Stem Cell Secretome. , 2018, , 21-37.		0